

REMA TIP TOP – Automotive Catalogue

2013/2014



NEW CHALLENGES

New challenges move the automotive business as they move **REMA TIP TOP**. Climate protection, international emission standards, finite oil reserves. There is every sign that a change is ahead for the future engineering of motor-vehicles. This change will certainly not take place overnight.

But one thing is for sure: the saving of resources will increase tremendously. Being one of the major specialists for tyre repair from bicycle to OTR/EM tyre we at **REMA TIP TOP** will push and support this change in order to ensure the individuals' future mobility with our beneficial innovations.

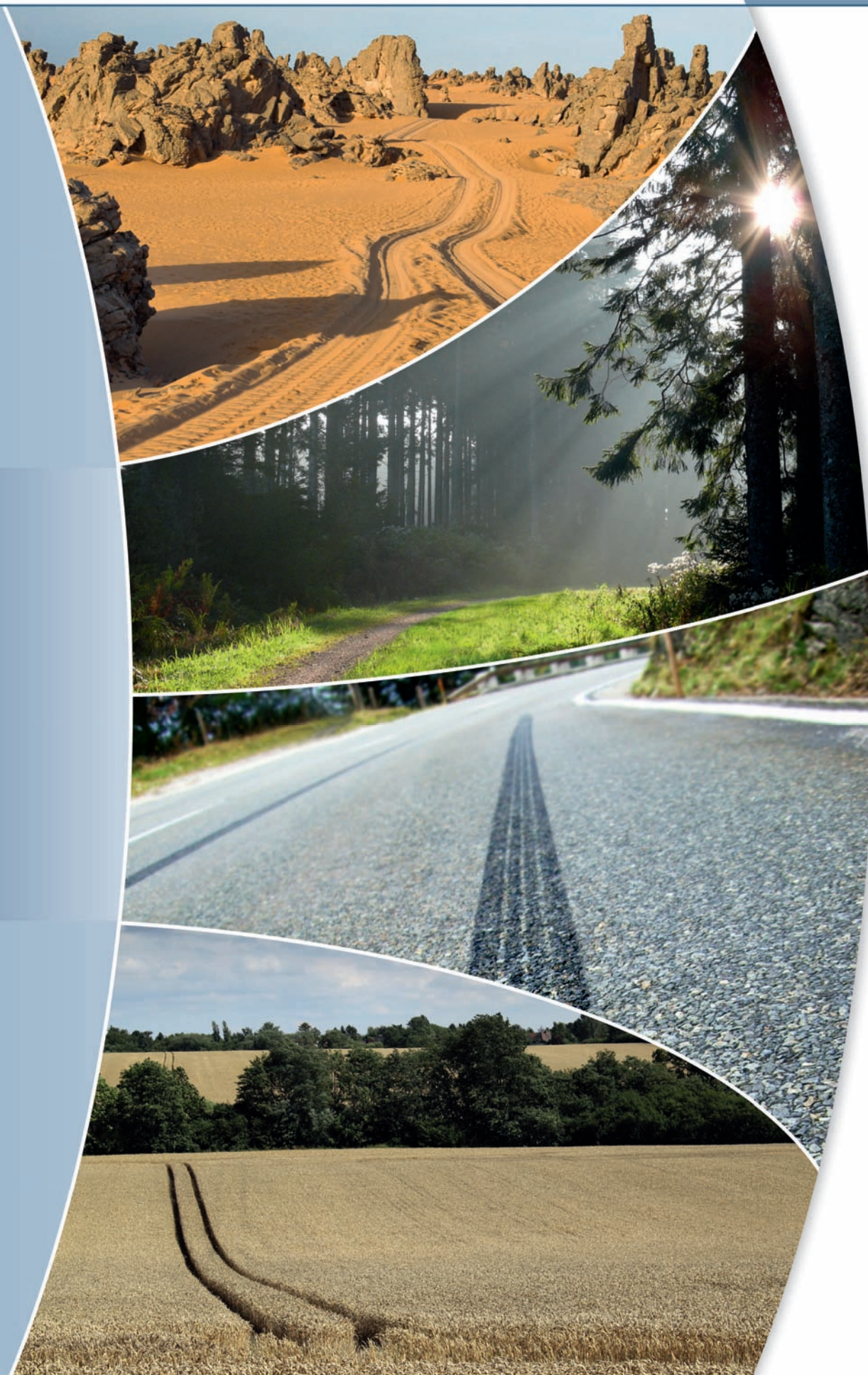
Competence from a single source – this means to us:

- Pushing innovations in our line of business
- Guaranteeing quality and reliability
- Offering system competence and comprehensive know-how
- Searching constant partnership with automotive and tyre industries and trade
- Being present world-wide

“Drive wherever you like” – this is our slogan. You, our customer, are always the focus of everything we do. Since 1923 you have been right to expect from us quality, safety, environmental friendliness and high efficiency.

We think in the long-term as **REMA TIP TOP** has always done. And this means we want to enhance the notion of “we manage your workshop” and will definitely do so.

ONE BRAND – ONE SOURCE – ONE SYSTEM



ORDERING

REMA TIP TOP AUTOMOTIVE UK LIMITED are proud to bring to you their comprehensive Automotive programme which will help you to choose products that you are using every day from a single source. The new catalogue has been created to make the identification of the many products and their variables an easier and more well informed one. The Catalogue has eleven sections which contain over 3000 quality products for tyre manufacturers, repairers, retreaders, distributors and garages. If you cannot immediately find a product that you require the catalogue has a comprehensive Alphabetical and part number index for quick reference. Should you still have difficulty in finding the correct product please call our Automotive sales office on **0113 277 0044** who will assist you in finding the product for your required application.

Contact Details:

Tel. **0113 277 0044** - (8.30am - 5pm)

Fax. **0113 277 2139**

Email: autosales@tip-top.co.uk

Online: **shop.tip-top.co.uk**

Website: www.rema-tiptop.co.uk

Trade Counter: 8.30am - 5.30pm - Monday - Friday

REMA TIP TOP AUTOMOTIVE UK LIMITED

Westland Square

LEEDS

West Yorkshire

LS11 5XS

REMA TIP TOP AUTOMOTIVE UK LIMITED are pleased to accept payment by cheque, Postal Order, Credit card (MasterCard/Visa) or Debit cards. Cheques and Postal orders should be made payable to:

'REMA TIP TOP AUTOMOTIVE UK LIMITED'. Please remember to include VAT and carriage costs where applicable, our Automotive sales office on 0113 277 0044 will advise you.

Approved Companies can take advantage of our 30 day account facilities (subject to status). To open an account please contact our head office credit control department on 0113 2770044 for an application form.

Account number:

Repair material for tyres and tubes	7	A
Tools for tyre repair	41	B
Special tools for tyre handling/regrooving/buffing motors	61	C
Vulcanising machines and accessories	93	D
Valves, balance weights and TPMS	105	E
Chemical products, safety at work	159	F
Tyre changers, mounting tools, mobile service	183	G
Wheel balancers, centering adapters, wheel washers	223	H
Lifting equipment, wheel alignment	245	I
Compressed-air equipment	283	J
Workshop tools	307	K



 Subsidiaries  Agencies

For further information please visit our website:
www.rema-tiptop.com/portal/worldwide-distribution.html

ONE BRAND – ONE SOURCE – ONE SYSTEM

Repair material for tyres and tubes

A

Tube patches.....	8 – 10
Tube valves.....	11
Tube repair kits.....	12 – 17
Chemical cleaning.....	18
Vulcanising fluid.....	18
Talc.....	18
Tyre repair.....	20 – 29
RADIAL repair patches.....	30 – 32
CROSS-PLY repair patches.....	33 – 34
Vulcanising.....	35 – 37
Repair rubber.....	38

Outstanding products



Tube Patches

Page 10



MINICOMBI A3/A6

Page 21

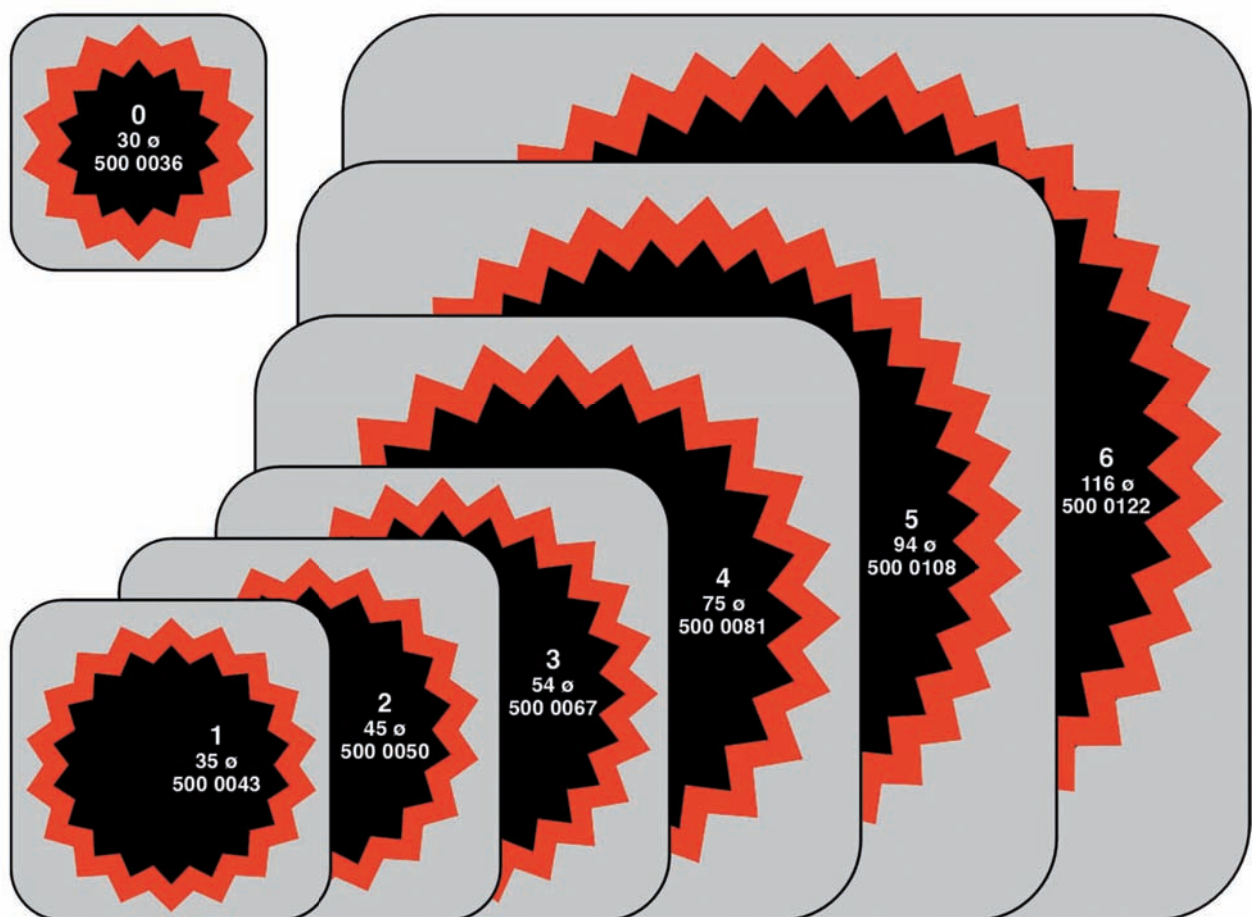


RAD Repair Patches

Page 31

Tube patches

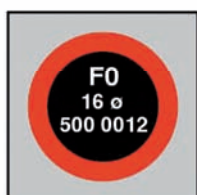
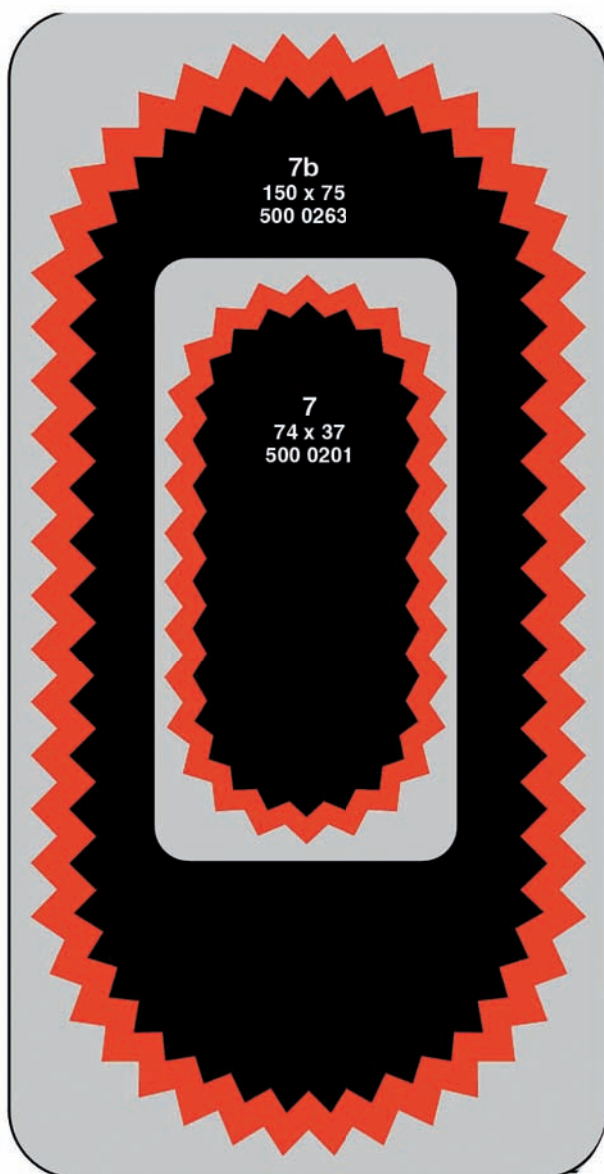
A



Tube patches shown in original size.
Dimensions in mm approx.

Tube patches

A



Tube patches shown in original size.
Dimensions in mm approx.

Tube patches, red edge

A

- REMA TIP TOP tube patches with double-scalloped edge ensure perfect bonding and 100 % vulcanisation
- Due to the stepped multi-layer structure of the patch body they stretch evenly in all directions when the tube is inflated
- They leave no edges on the repair area



500 0029



500 0050



500 0122



500 0201

Ref. No.	Description	Dia.	Size	Ctn Qty					
500 0012	Tube patches F 0, red edge	16 mm		100	•				
500 0029	Tube patches F 1, red edge	25 mm		100	•				
500 0191	Tube patches F 2, red edge		50 x 25 L x W mm	100	•				
500 0036	Tube patches No. 0, red edge	30 mm		100	•	•	•		
500 0043	Tube patches No. 1, red edge	35 mm		30	•	•	•		
500 0050	Tube patches No. 2, red edge	45 mm		30		•	•		
500 0067	Tube patches No. 3, red edge	54 mm		30			•	•	•
500 0081	Tube patches No. 4, red edge	75 mm		30			•	•	•
500 0108	Tube patches No. 5, red edge	94 mm		10				•	•
500 0122	Tube patches No. 6, red edge	116 mm		10				•	•
500 0201	Tube patches No. 7, red edge		74 x 37 L x W mm	30		•	•		
500 0263	Tube patches No. 7B, red edge		150 x 75 L x W mm	10				•	•

Tube patches, black edge



Ref. No.	Description	Dia.	Content					
503 8046	Tube patch Euro No.1	35 mm	200	•	•	•		
503 8053	Tube patch Euro No.2	45 mm	100		•	•		
503 8060	Tube patch Euro No.3	54mm	100			•	•	•
503 8084	Tube patch Euro No.4	75 mm	50			•	•	•
503 8101	Tube patch Euro No.5	94 mm	20				•	•
503 8125	Tube patch Euro No.6	116 mm	20				•	•

Tube valves

Rubber base valves

Note: Before doing repairs with valve patches and rubber base valves **always** buff the tube mechanically!



501 0071



501 0088



501 0136



501 0143



501 0318



501 0277



563 1900
563 1907



501 0545, 501 0507
(see next page)

Ref. No.	Description	Rubber base dia.	Bending angle	Shaft dia.	Length	TR No.	Content				
501 0040	Moped valve	45 mm					10	•			
501 0071	Scooter valve	45 mm	70 °				10	•			
501 0088	Scooter valve	45 mm	90 °				10	•			
501 0136	Car valve	60 mm		12 mm	38 mm	13	10	•			
501 0143	Car valve	60 mm		13.5 mm	38 mm	14	10	•			
501 0150	Car valve	60 mm		16.5 mm	38 mm	15	10	•			
501 0174	Car valve	80 mm		16.5 mm	52 mm	25	10	•			
501 0181	Car valve	80 mm		13.5 mm	67 mm	35	10	•			
501 0215	Truck valve	90 mm		13.5 mm	94 mm	50	10			•	
501 0318	Truck valve	90 mm			95.5 mm	75a	5			•	
501 0370	Truck valve	90 mm			125.5 mm	77a	5			•	
501 0394	Truck valve	90 mm			135.5 mm	175a	5			•	
501 0404	Truck valve	90 mm			147.5 mm	78a	5			•	
501 0428	Truck valve	120 mm			163.5 mm	179a	5			•	
501 0442	Truck valve	120 mm			178.5 mm	79a	5			•	
501 0277	Air/water valve, new type	80 mm				218a	10				•

Accessories:

563 1900	Plastic rim ferrule For use with: • Car valve (501 0136)	100	•
563 1907	Plastic rim ferrule For use with: • Car valve (501 0136)	10	•

Valve patches



Ref. No.	Description	Rubber base dia.	Content
501 0545	Truck valve seating VG12	80 mm	10
501 0507	Truck valve seating VG8 (MICHELIN)	80 mm	10

Tube repair kits

Bicycle repair kits - comparison chart

Description	507 9892 TT 02	506 0045 TT 04 Sport	506 0193 TT 05	506 9606 TT 06	506 0203 TT 10
Patch size F0		4			
Patch size F01		1			
Patch size F1	6		2	2	
Patch size F2	1		1	2	
Patch size 1				2	
Patch size 2					
Patch size 3					
Patch size 4					
Patch size 5					
Patch size 7A					
Patch size 7B					
Patch size 0			1		4
Cover patch F2 blue			1	1	
Tube of SVS solution	5g	5g	5g	5g	5g
Valve tube	1				
Emery paper	1	1	1	1	1
Instruction manual	1	1	1	1	1
Tyre levers			2	2	
Carton contents	20	36	16	20 (see TT06 for further contents list)	24



507 9892

Bicycle repair kit TT 02



- The 'No. 1' among the patch kits

Ref. No. Description

507 9892	20 x Bicycle repair kit TT 02, touring, in dispenser box
	Scope of delivery:
	• 6 patches size F1
	• 1 patch size F2
	• 1 Tube of SVS solution 5 g
	• 1 Emery paper
	• 1 Valve tube
	• 1 Instruction manual

Bicycle repair kit TT 04

- Special assortment of extra-thin patches for racing bike professionals

Ref. No. Description

506 0045 36 x Bicycle repair kit TT 04, sport

Scope of delivery:

- 4 patches size F0
- 1 patch size F01
- 1 Tube of SVS solution 3 g
- 1 Emery paper
- 1 Instruction manual



506 0045

Bicycle repair kits TT 05



- The mobile breakdown kit for the ATB, MTB and frequent cyclist

Ref. No. Description

506 0193 16 x Bicycle repair kit TT 05, MTB

Scope of delivery:

- 2 patches size F1
- 1 patch size F2
- 1 patch size 0
- 1 Cover patch F2 blue
- 1 Tube of SVS solution 5 g
- 1 Emery paper
- 2 Tyre levers
- 1 Instruction manual



506 0193

Bicycle repair kits TT 06



- The 'top-class' deluxe box

Ref. No. Description

506 9606 Bicycle repair kits TT 06, MTB

Scope of delivery:

- 2 Patches size F1
- 2 Patches size F2
- 2 Patches size 1
- 1 Cover patch F2 blue
- 1 Tube of SVS solution 5 g
- 1 Emery paper
- 2 Tyre levers
- 2 CO₂ cartridges
- 1 CO₂ cartridge adapter
- 1 Rapid valve
- 1 Valve core
- 1 Collar nut
- 1 Valve adapter
- 1 Slotted valve cap
- 1 Instruction manual



506 9606

Motorcycle repair kits TT 10



Ref. No. Description

506 0203 24 x Motorcycle repair kit TT 10

Scope of delivery:

- 4 patches size 0
- 1 patch size 7
- 1 Tube of SVS solution 5 g
- 1 Emery paper
- 1 Instruction manual



506 0203

Workshop kits - comparison chart

A

Description	506 0306 TT 11	506 0519 TT 12	506 0911 TT 20	507 0011 TT 21	507 0310 TT 30	507 0602 TT 40	507 9706 TT 42
Patch size F2							30
Patch size 1		4	8	14	12	70	100
Patch size 2		2	2	4		50	
Patch size 3		1	3	2	6	40	
Patch size 4		1	1	2	2	10	
Patch size 5			1	1	1		
Patch size 7	1	1	2	4	3	30	
Patch size 7B			1	2	2	5	
Patch size 0	6						
PN03				1	2		
Tube of SVS solution	5g	10g	25g	50g	50g		
Can of vulcanising solution						175g	175g
Can of LIQUID BUFFER							250ml
Emery paper	1						
Instruction manual	1	1	1	1	1	1	1
Tyre levers							
Stitcher				1	1	1	
Rasps		1	3	5	2	2	
Rasp Handler				1	1	1	
Short valve cores			3	3			
Rubber based valves						1	
Carton contents	24	10	1	1	1	1	1



506 0306

Ref. No. Description

506 0306 24 x Tube repair kit TT 11

Scope of delivery:

- 6 patches size 0
- 1 patch size 7
- 1 Tube of SVS solution 5 g
- 1 Emery paper
- 1 Instruction manual

506 0519 10 x Tube repair kit TT 12

Scope of delivery:

- 4 patches size 1
- 2 patches size 2
- 1 patch size 3
- 1 patch size 4
- 1 patch size 7
- 1 Tube of SVS solution 10 g
- 1 Rasp
- 1 Instruction manual



506 0519



• •

• •

Workshop kits

Ref. No. Description



506 0911 Tube repair kit TT 20

Scope of delivery:

- 8 patches size 1
- 2 patches size 2
- 1 patch size 3
- 1 patch size 4
- 1 patch size 5
- 2 patches size 7
- 1 patch size 7B
- 1 Tube of SVS solution 25 g
- 3 Rasps
- 3 Short valve cores
- 1 Instruction manual



506 0911

507 0011 Tube repair kit TT 21

Scope of delivery:

- 14 patches size 1
- 4 patches size 2
- 2 patches size 3
- 2 patches size 4
- 1 patch size 5
- 4 patches size 7
- 2 patches size 7B
- 1 PN 03
- 1 Tube of SVS solution 50 g
- 5 Rasps
- 1 Rasp handle
- 3 Short valve cores
- 1 Stitcher
- 1 Instruction manual



507 0011

507 0310 Tube repair kit TT 30

Scope of delivery:

- 12 patches size 1
- 6 patches size 3
- 2 patches size 4
- 1 patch size 5
- 3 patches size 7
- 2 patches size 7B
- 2 PN 03
- 1 Tube of SVS solution 50 g
- 2 Rasps
- 1 Rasp handle
- 1 Stitcher
- 1 Instruction manual



507 0310

A



507 9706



Material not included

Workshop kits, tube

Ref. No. Description

507 0602 Workshop kit TT 40

Scope of delivery:

- 70 patches size 1
- 50 patches size 2
- 40 patches size 3
- 10 patches size 4
- 30 patches size 7
- 5 patches size 7B
- 1 SVS solution 175 g
- 2 Rasps
- 1 Rasp handle
- 1 Stitcher
- 3 Rubber-based valves
- 1 Instruction manual

507 9706 Workshop kit TT 42

Scope of delivery:

- 30 patches F2
- 100 patches size 1
- 40 patches size 2
- 20 patches size 3
- 50 patches size 7
- 1 SVS solution 175 g
- 2 Rasps
- 1 Rasp handle
- 1 Stitcher
- 1 Can of LIQUID BUFFER 250 ml
- 1 Instruction manual

REMA TIP TOP PROFI workplace

- The ideal workbench for the tyre specialist, which makes it easy to keep things tidy
- Saves wasting time searching for tools
- Includes illumination, zinc-plated work surface, 4 shelves and 2 multiple tool holders, multiple socket with on/off switch

Ref. No. Description

Size

517 4508 PROFI Workplace

1500 x 750 x 2200
W x D x H mm

REP & AIR BIKE

- Product combination including repair kit TT 01 Tour and a mini nylon pump in carbon look
- Ring-lock mechanism to prevent the ingress of dirt



506 4010

506 4010

Length	155 mm
Dia.	20 mm
Operating pressure	7 bar
Weight	39 g

Ref. No. Description

506 4010 REP & AIR Bike, in blister package

Scope of delivery:

- 506 0007 1 Repair kit TT 01
- Brackets for attachment with drink bottle holder

For use with:

- SCLAVERAND valve - SV, PRESTA valve



Repair material for tyres and tubes

REP & AIR

- The complete break-down service for getting you moving again.
- After the repair, the tyre is inflated from the cartridges within seconds
- Without an air pump and loss of time.



506 0423

Ref. No.	Description				
----------	-------------	--	--	--	--

- 506 0423 AIR-SET**
- Threaded CO₂ cartridges are filled with medical/technical carbon dioxide
- Scope of delivery:**
- 3 Cartridges 12 g each
 - 1 Cartridge adapter
 - 1 Cartridge freeze protector
 - 1 Instruction manual



506 0375

- 506 0375 REP & AIR**
- Scope of delivery:**
- 2 patches size 0
 - 1 patch size 7
 - 1 Tube of SVS solution 3 g
 - 1 Emery paper
 - 1 Car valve core, short
 - 1 Slotted valve cap
 - 4 Cartridges 16 g each
 - 1 Cartridge adapter
 - 1 Cartridge freeze protector
 - 1 Instruction manual
- For use with:**
- ATB, MTB and motorcycle tubes



506 0351



506 045 4

Ref. No.	Description		
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- 506 0351 REP & AIR Tubeless**
- This kit is part of the original equipment of a German motorcycle manufacturer
 - For sealing of punctures without demounting the tyre from the rim
 - Includes cartridges for fast and easy inflation of the tyre after the repair
 - Suitable only for temporary repair of mounted tyres

Safety warning: The tyre should be checked/repared permanently after 400 km maximum (at a maximum speed of 60 km/h) by a tyre expert or workshop!

- Scope of delivery:**
- 3 SUPER SEALASTIC repair plugs
 - 1 Tube of SPECIAL CEMENT BL 4 g
 - 1 Inserting tool
 - 1 Clasp knife
 - 1 Chalk
 - 3 Cartridges 16 g each
 - 1 Cartridge adapter
 - 1 Cartridge freeze protector
 - 1 Instruction manual

- 506 045 4 AIR-SET, with self-service clip**
- Threaded CO₂ cartridges are filled with medical/technical carbon dioxide
- Scope of delivery:**
- 4 Cartridges 16 g each
 - 1 Cartridge adapter
 - 1 Cartridge freeze protector
 - 1 Instruction manual

A



505 9719



505 0828



505 0732



Vulkanising fluid



505 9032



505 4051



593 0649

Chemical cleaning

LIQUID BUFFER

- Free of CFC and aromatic compounds
- For quick and easy cleaning and buffing of tubes
- For chemical cleaning before mechanical buffing

Ref. No.	Description	Operating pressure	Content
505 0828	LIQUID BUFFER		1000 ml can
505 9719	LIQUID BUFFER		5 l can
505 0732	LIQUID BUFFER		500 ml spray

Vulcanising fluid

Vulcanising fluid

- Free of CFC and aromatic compounds
- For the vulcanisation of tube patches, valve patches, fabric-reinforced valve patches and rubber base valves (hot vulcanisation)

Ref. No.	Description	Content
505 9032	Vulcanising fluid	5 g tube
505 9056	Vulcanising fluid	10 g tube
505 9128	Vulcanising fluid	25 g tube
505 9142	Vulcanising fluid	50 g tube
505 9159	Vulcanising fluid, with brush top	70 g can
505 9197	Vulcanising fluid, with brush top	175 g can
505 4051	Vulcanising fluid, with self-service clip	10 x 10 g tube

Talc

Talc

- Fine-grained
- Asbestos free

Ref. No.	Description	Content
593 0649	Talc For use with: • Mounting tube tyres	500 g can
593 0711	Talc For use with: • Mounting tube tyres	25 kg sack

MARKING CHALK

- Solid block marking crayon for tyres.

Ref. No.	Description	Content
596 5994	Chalk Marking Blue	12
596 6001	Chalk Marking Red	12
596 6105	Chalk Marking Green	12
596 6008	Chalk Marking Yellow	12
596 6015	Chalk Marking White	12
596 6094	Chalk Marking Black	12



596 6015
596 6008

MARKING CRAYON

- B® PAINTSTIK®
- As Markal's most versatile and economic marker, the original B Paintstik solid paint marker combines the durability of paint in the convenience of a crayon. The real paint formula has superior marking performance on oily, icy, wet, dry or cold surfaces and is weather- and UV-resistant. This Paintstik works on rough, rusty, smooth, or dirty surfaces.

FEATURES & BENEFITS:

- Real paint for long-lasting, highly visible marks
- Superior marking on rough, rusty, or dirty surfaces
- Solid paint marker eliminates replacement tips, sharpening or priming, increasing productivity
- Easy-to-hold, recyclable paperboard holder protects Paintstik for maximum use
- Weather- and UV-resistant for long-lasting marks
- Sizes: 17 mm
- Marking range: -50°F to 150°F (-46°C to 66°C)

Ref. No.	Description	Content
596 6117	Markal Paint Stick White	12
596 6124	Markal Paint Stick Yellow	12



596 6117
596 6124

TYRE PAINT MARKER

- Tyre Paint Marker

Ref. No.	Description	Content
596 6173	Tyre Paint Marker Pen White	12



596 6173

Tyre repair

* Instructions for RUN-FLAT, MINICOMBI, SEALASTIC, SUPER SEALASTIC, REMA SEAL and SEALFIX: Follow the guidelines and legal regulations of your country when using the product(s).



511 1190



511 1183

RUN-FLAT*



- The REMA TIP TOP RUN-FLAT Repair Kit enables successful repairs of tread injuries to RUN-FLAT tyres
- The kit includes appropriate tools and products with special instructions for the safe repair of these tyres

Ref. No. Description

511 1190 RUN-FLAT repair kit

Scope of delivery:

- 1 Workshop kit MC A3
- 1 Workshop kit MC A 4.5
- 1 Can of LIQUID BUFFER 250 ml
- 1 Can of INNERLINER SEALER 175 ml, with brush top
- 1 Carbide mill cutter 3 mm
- 1 Carbide mill cutter 4.5 mm
- 1 Dome rasp K 60
- 1 Tool holder with 8 mm shaft
- 1 Positioning template
- 1 Instruction manual

For use with:

- Tread injuries from 3 mm to 4.5 mm

RUN-FLAT REPAIR KIT



- The REMA TIP TOP RUN-FLAT Repair Kit enables successful repairs of tread injuries to RUN-FLAT tyres
- The kit includes appropriate tools and products with special instructions for the safe repair of these tyres

Ref. No. Description

511 1183 RUN-FLAT repair kit

Scope of delivery:

- 1 Carbide Cutter 4.5mm
- 1 Golf Ball Buffer
- 20 Minicombi 4.5mm Refill
- 4 BL Cement (Tube) 30g
- 1 Instruction Leaflet
- 1 Runflat Gauge
- 1 Plastic Box

For use with:

- Tread injuries from 4.5 mm

Minor Damage Repair Chart/Gauge

Ref. No. Description

211 6722 Minor Damage Repair Gauge

581 1700 Minor Damage Repair Chart/Poster

MINICOMBI*

- Combined patch/plug tyre repair for punctures to the tread of both radial and cross-ply tyres
- Repair units vulcanise in the tyre
- The tyre inside and the puncture channel are repaired in one operation
- The ingress of moisture, dirt, stones or all materials that lead to premature deterioration of the casing and belts is prevented

- Available with a practical and time-saving metal pilot
- All MINICOMBI Combi Packs and workshop kits are supplied with FAST DRY CEMENT BL



Please refer to BSau159f Minor Repair Chart on page 376

Repair chart valid at the moment of printing. Always refer to the repair chart and safety advice packed with the product!



511 2151



511 2209



511 1956



511 3208

Ref. No.	Description	Content					
511 2151	MINICOMBI A3/A6, Workshop kit <ul style="list-style-type: none"> • Combi Pack A3/A6 Scope of delivery: <ul style="list-style-type: none"> • 25 Repair units A3 • 20 Repair units A6 • 1 HSS steel cutter Ø 3 mm • 1 HSS steel cutter Ø 6 mm • 1 Instruction manual • 3 Tubes of SPECIAL CEMENT FAST DRY 25 g each 	• • • • •					
511 2209	MINICOMBI A6/B8, Workshop kit <ul style="list-style-type: none"> • Combi Pack A6/B8 Scope of delivery: <ul style="list-style-type: none"> • 20 Repair units A6 • 20 Repair units B8 • 1 HSS steel cutter Ø 6 mm • 1 HSS steel cutter Ø 8 mm • 1 Instruction manual • 4 Tubes of SPECIAL CEMENT FAST DRY 25 g each 	• • • • •					
511 1956	MINICOMBI A3, workshop kit Scope of delivery: <ul style="list-style-type: none"> • 25 Repair units • 2 Tubes of SPECIAL CEMENT FAST DRY 25 g each • 1 HSS steel cutter 3 mm • 1 Instruction manual For use with: <ul style="list-style-type: none"> • Tread damage up to 3 mm 	• • • • •					
511 3208	MINICOMBI A4.5, workshop kit Scope of delivery: <ul style="list-style-type: none"> • 20 Repair units • 2 Tubes of SPECIAL CEMENT FAST DRY 25 g each • 1 HSS mill cutter Ø 4.5 mm • 1 Instruction manual For use with: <ul style="list-style-type: none"> • Tread damage up to 4.5 mm 	• • • • •					

MINICOMBI Refills and ACCESSORIES

A



511 3215



511 3057



511 3105



511 3136



511 1808

Ref. No.	Description	Content					
511 1963	MINICOMBI A3, refill pack Scope of delivery: • 50 Repair units with metal pilot • 1 Instruction manual For use with: • Tread damage up to 3 mm	50	•	•	•	•	•
511 3215	MINICOMBI A4.5, refill pack Scope of delivery: • 40 Repair units with metal pilot • 1 Instruction manual For use with: • Tread damage up to 4.5 mm	40	•	•	•	•	•
511 3057	MINICOMBI A6, refill pack Scope of delivery: • 40 Repair units with metal pilot • 1 Instruction manual For use with: • Tread damage up to 6 mm	40	•	•	•	•	•
511 3071	MINICOMBI A6, refill pack Scope of delivery: • 40 Repair units without metal pilot • 6 Pull wires • 1 Instruction manual For use with: • Tread damage up to 6 mm	40	•	•	•	•	•
511 3105	MINICOMBI B8, refill pack Scope of delivery: • 20 Repair units with metal pilot • 1 Instruction manual For use with: • Tread damage up to 8 mm	20			•	•	•
511 2096	MINICOMBI B8, Bulk Scope of delivery: • Repair units without metal pilot For use with: • Tread damage up to 8 mm	100				•	•
511 3136	MINICOMBI B10, refill pack Scope of delivery: • 20 Repair units without metal pilot • 3 Pull wires • 1 Instruction manual For use with: • Tread damage up to 10 mm	20			•	•	•
511 3143	MINICOMBI B10, refill pack Scope of delivery: • 20 Repair units with metal pilot • 1 Instruction manual For use with: • Tread damage up to 10 mm	20			•	•	•
Accessories:							
511 1808	Pull wire						

Repair material for tyres and tubes

SEALASTIC*

- Temporary nail hole repair for cross-ply truck tyres mounted on the rim (max. injury size 8 mm) as well as EM and agricultural tyres (max. injury size 15 mm)
- Also suitable for tubeless radial EM tyres (up to a maximum speed of 40 km/h, if the "carbide mill cutter, pointed" is used)
- For larger injuries, use the corresponding REMA TIP TOP repair patches according to the relevant repair chart



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Ref. No.	Description	Content				
510 1155	SEALASTIC EM, kit Scope of delivery: <ul style="list-style-type: none"> • 10 Repair units • 2 SPECIAL CEMENT BL 40 g cans • 1 Insertion tool for EM • 1 Rasp Ø 6,5 mm • 1 Instruction manual 	•	•	•		
510 2147	SEALASTIC TT 611, refill pack	20	•			
510 2161	SEALASTIC TT 612, refill pack	20		•		



510 1155



510 2147, 510 2161

SUPER SEALASTIC*



- Multi-layer repair units for temporary repair of mounted cross-ply tyres
- For a permanent repair, use the REMA TIP TOP patches corresponding to the valid repair chart

Ref. No.	Description	Content
510 3108	CAR/VAN SUPER SEALASTIC Scope of delivery: <ul style="list-style-type: none"> • 50 SUPER SEALASTIC plugs, grey 	1
510 2367	CAR/VAN SUPER SEALASTIC Scope of delivery: <ul style="list-style-type: none"> • 25 SUPER SEALASTIC plugs, grey • 1 SPECIAL CEMENT BL 40 g • 1 Chalk • 1 Inserting tool car • 1 Rasp 	1
510 3304	SUPER SEALASTIC TT 650, workshop kit Scope of delivery: <ul style="list-style-type: none"> • 50 SUPER SEALASTIC plugs, grey • 2 SPECIAL CEMENT BL 40 g cans • 1 Chalk • 1 Clasp knife • 1 Inserting tool car/truck • 1 Instruction manual 	1
510 3407	SUPER SEALASTIC TT 651, drivers kit Scope of delivery: <ul style="list-style-type: none"> • 5 SUPER SEALASTIC plugs, grey • 1 SPECIAL CEMENT BL 12 g tube • 1 Chalk • 1 Clasp knife • 1 Inserting tool car/truck • 1 Instruction manual 	1



510 3108



510 2367



510 3304



510 3407

SEALFIX*

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- SEALFIX strings for temporary repairs of tread punctures
- We recommend demounting the tyre from the rim in order to determine the actual damage size
- Observe local rules and guidelines for the repair of tyres
- Permanent repairs should be performed from the inside of the tyre, for example with MINICOMBI
- For safety reasons, we also warn you not to carry out a sidewall repair with SEALFIX
- Please use it with SPECIAL CEMENT BL



510 1801



510 1808



510 1832



510 1839

Ref. No.	Description	Content				
510 1801	SEALFIX, refill pack	50	•			
510 1808	SEALFIX, Long type, refill pack	25	•			
510 1832	SEALFIX, workshop kit Scope of delivery: • 25 Strings • 1 Hand rasp • 1 Inserting tool • 1 SPECIAL CEMENT BL 40 g can • 1 Chalk • 1 Knife • 1 Instruction manual		•	•	•	
510 1815	SEALFIX, 12", refill pack, Black	50	•			
510 1839	SEALFIX, Long Black Scope of delivery: • 25 Strings		•	•	•	

FIBRE SEAL INSERT

- Chemical Curing Fibre Seal Inserts / Temporary Repairs, Regular



510 2312

510 2319

Ref. No.	Description	Size	Content
510 2312	Fibre Seal Insert REINFORCED	190mm	50
510 2319	Fibre Seal Insert	8"	20

ATV QUAD BIKE REPAIR KIT

- The ATV kit comprises of 50 repair plugs, including tools and adhesives to repair the tyre on site.
- Complete with robust storage case, the kit should be kept on the vehicle at all times ready for any eventuality.



510 2350

Ref. No.	Description	Content	
510 2350	ATV QUAD BIKE REPAIR KIT: <ul style="list-style-type: none"> • 50 Repair Strings • 1 Hand rasp • 1 Inserting tool • 1 SPECIAL CEMENT BL 225g tin 	•	
510 2305	REMACURE Carton <ul style="list-style-type: none"> • 50 Repair Strings 	•	

CHEMI-CURE TUBELESS STRINGS

- Multi-layer repair units for temporary repair of mounted cross-ply tyres
- For a permanent repair, use the REMA TIP TOP patches corresponding to the valid repair chart



510 3414



510 3415



510 3421
510 3438



510 3445



515 4009

Ref. No.	Description	Content				
510 3414	Chemi-Cure Long	40	•			
510 3415	Chemi-Cure Short	80	•			
510 3421	Chemi-Cure EM Needle	1	•			
510 3438	Chemi-Cure Truck/Tractor Needle	1	•			
510 3445	Chemi-Cord Nylon reinforced cord	1				
515 4009	Chemi-Cord Bonding Compound	1				

RUBBER FILL PRODUCTS

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517 2007

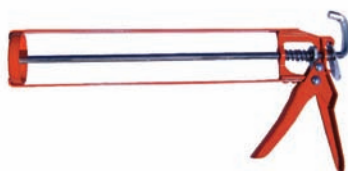


517 2000

Tyre Fill

- A flexible, rapid curing two part repair system. The product is dispensed using the true mix cartridge system to guarantee proper mixing and ease of use. Tyre Fill is ideal for repairs to conveyors, tyres, bumpers and other heavy duty rubbers.

Ref. No.	Description	Content
517 2000	Tyre Fill	1
517 2007	Tyre Fill Gun	1
517 2014	Tyre Fill Spare Nozzle	1



517 1065

REMA FILL

- A one part flexible black Polyurethane based compound, offers excellent adhesion without primer on most materials. It is easy to apply, when cured the sealer may be sanded/buffed. First-rate resistance to UV rays, water, salt-water, oil and grease. Ideal for cosmetic repairs to rubber.

Ref. No.	Description	Volume
517 1058	REMA FILL	
517 1065	Caulking Gun	310 ml
517 1072	Spare Nozzle	310 ml



516 9049

VULC COMPOUND A+B, free of CFC and aromatic compounds

- For the repair of rubber damage to tyres and conveyor belts by cold vulcanisation
- Use with SPECIAL CEMENT BL

Ref. No.	Description	Content
516 9032	VULC COMPOUND A+B	300 g each
516 9049	VULC COMPOUND A+B	650 g each



517 1031



517 1024

TYRE COMPOUND

- Cold curing rubber compound used for filling minor tread penetrations.

Ref. No.	Description	Content
517 1031	Tyre Dough Gun	1
517 1024	Tyre Dough Cartridge	1






Repair material for tyres and tubes

Accessories – SEALFIX, SEALASTIC and SUPER SEALASTIC

- For precise injury preparation

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Ref. No.	Description	Blade Length	Dia.					
510 2343	Hand Rasp Pistol Grip - Spiral Awl	4"	6 mm					
510 2381	Hand Rasp Pistol Grip	4"	6 mm					
595 8937	SEALASTIC Hand Rasp	85 mm	4.5 mm	•	•			
595 8944	SEALASTIC Hand Rasp	190 mm	6 mm					
510 2240	Rasp Plastic Grip	3"						
510 2336	Remacure Inserting tool (ATV Kit)	3"						
510 2395	Pistol Grip Open Eye Needle	8"						
510 2202	Inserting tool, with folding handle For use with: • RAS, SRAS, SEALASTIC, REMASEAL			•	•			
510 2219	Inserting tool for car tyres, with plastic handle	72 mm			•			
510 2226	Inserting tool for truck tyres, with plastic handle	96 mm				•		
510 2233	Inserting tool EM	230 mm					•	•
510 2388	Pistol Grip Side Load Needle	8"						
510 0021	Chrome T-Handle with Allen Key							
510 227 1	Chrome T-Handle with Inserting Tool	3"						
510 0000	Needle Replacement Side Load HD	8"						
510 0007	Needle Replacement Closed Eye	8"						
510 0014	Reamer Replacement Truck 6mm	8"	6 mm					
510 0028	Needle Replacement Open Eye	4"						
510 2278	Needle Replacement Open Eye	6"						

Thermopress patches

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Thermopress fast-curing repair patches

- For repairing nail hole injuries to radial or cross-ply car tyres
- The patches have to be applied with MTR-SOLUTION

- Minimum curing temperature: 100 °C (212 °F)
- The sizes 100 - 103 are also suitable for hot vulcanisation of tubes

Thermopress patch No.	RADIAL								CROSS-PLY
	Tread				Sidewall		Shoulder		
	T*	H*	V*	Z*	T*	H*	T*	H*	
100	2 mm	2 mm	–	–	–	–	–	–	2 mm
102	3 mm	3 mm	–	–	–	–	–	–	3 mm
103	5 mm	5 mm	–	–	–	–	–	–	5 mm
170	no repair		–	–	–	–	–	–	12 mm
181	12 mm	6 mm	3 mm	3 mm	12 mm	6 mm	6 mm	3 mm	–

* Speed index

Repair chart valid at the moment of printing. Always refer to the repair chart and safety advice included!

Ref. No.	Description	Size	Content
517 1006	Thermopress patch No. 100	Ø 30 mm	80
517 1020	Thermopress patch No. 102	Ø 37 mm	50
517 1037	Thermopress patch No. 103	Ø 47 mm	35
517 1817	Thermopress patch No. 181, RADIAL	65 x 55 mm	20
517 1707	Thermopress patch No. 170, CROSS-PLY	Ø 70 mm	20

REMA STEM

- Rubber insert used to fill cylindrical puncture channels in the tread area
- REMA STEM units are precured rubber plugs which can be used only together with the corresponding REMA TIP TOP patches

- To select the appropriate patch size, refer to the valid repair charts
- REMA STEM is suitable for hot and cold vulcanisation

Ref. No.	Description	Injury	Content			
510 1935	REMA STEM 6	max. 6 mm	10	•	•	•
510 1942	REMA STEM 8	max. 8 mm	10		•	•
510 1959	REMA STEM 12	max. 12 mm	10		•	•



REMA STEM






MTC - Multi Temperature Cure patches

Hot cure repair unit for the repair of radial car and truck tyres. The MTC patch has a curing temperature range of 100 - 160°C.

MTC Patches are made to order from the freshest materials available, to ensure the best possible shelf life. Subject to minimum order quantities the customers own logo or repair number can be added to the label. Bespoke patches can be made to customer's own specification. MTC Patches are tested in accordance with EC Regulation 108/109



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Ref. No.	Description	Number of plies	Size	Content					
512 8107	MTC 10 TL Patch	1	55 x 75 L x W mm	20	•				
512 810-7	MTC 10 TL Patch	1	70 x 115 L x W mm	100	•				
512 8121	MTC 12 TL Patch	1	70 x 115 L x W mm	10	•				
512 8145	MTC 14 TL Patch	1	85 x 130 L x W mm	10	•				
512 8152	MTC 15 TL Patch	1	90 x 75 L x W mm	20	•				
512 8200	MTC 20 TL Patch	2	85 x 125 L x W mm	10	•				
512 8224	MTC 22 TL Patch	2	75 x 175 L x W mm	10	•	•	•		
512 8248	MTC 24 TL Patch	2	75 x 220 L x W mm	10	•				
512 8255	MTC 25 TL Patch	3	115 x 125 L x W mm	10	•				
512 8262	MTC 26 TL Patch	3	75 x 260 L x W mm	10	•				
512 8286	MTC 28 TL Patch	3	75 x 330 L x W mm	10	•				
512 8358	MTC 35 TL Patch	4	130 x 180 L x W mm	10	•				
512 8406	MTC 40 TL Patch	3	100 x 195 L x W mm	10	•				
512 8420	MTC 42 TL Patch	4	130 x 260 L x W mm	10	•				
512 8446	MTC 44 TL Patch	4	130 x 335 L x W mm	10	•				•
512 8453	MTC 45 TL Patch	4	180 x 230 L x W mm	10	•				•
512 8468	MTC 46 TL Patch	4	180 x 440 L x W mm	5	•				•

Ref. No.	Description	Number of plies	Size/mm	Content					
612 171 3	MTX 3-2 Cross Ply Patch	2	75 mm	10	•	•			
612 184 2	MTX 4-2 Cross Ply Patch	2	100 mm	10	•	•			
612 1855	MTX 5-2 Cross Ply Patch	2	125 mm	10	•	•			
612 185 5	MTX 5-4 Cross Ply Patch	4	125 mm	10	•				
612 112 7	MTX 6-4 Cross Ply Patch	4	150 mm	10	•				
612 1134	MTX 8-4 Cross Ply Patch	4	200 mm	10	•				
612 1151	MTX 8-6 Cross Ply Patch	6	200 mm	10	•				
612 124 8	MTX 9-6 Cross Ply Patch	6	230 mm	10	•				
612 125-1	MTX 10-4 Cross Ply Patch	4	250 mm	10	•				
612 125 8	MTX 10-6 Cross Ply Patch	6	250 mm	10					•
612 116-1	MTX 12-4 Cross Ply Patch	4	300 mm	5	•				
612 115 8	MTX 14-6 Cross Ply Patch	6	355 mm	5					•

RADIAL repair patches

UNIVERSAL patch (UP)

- Universal patches (UP) for the repair of small injuries to tube or tubeless radial and cross-ply tyres

UP Universal Patch	CØ max. mm	CØ 35	CØ 45	CØ 60
- T	3	UP 3	UP 3	UP 3
	4,5	UP 4,5	UP 4,5	UP 4,5
	6	-	UP 6	UP 6
H - V	3	UP 3	UP 3	-
	4,5	UP 4,5	UP 4,5	-
	6	-	UP 6	-
W - ZR	3	-	UP 3	-
	4,5	-	UP 4,5	UP 4,5
	6	-	UP 6	UP 6
	8	-	UP 8	-

Repair chart valid at the moment of printing. Always refer to the repair chart and safety advice included!



512 6707



512 6714



512 6769



512 6776



512 6721



512 6738

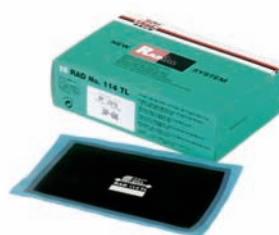


512 6745

Ref. No.	Description	Size	Content		
512 670 7	UNIVERSAL patch UP 3	Ø 35 mm	100	•	•
512 6714	UNIVERSAL patch UP 3, bucket	Ø 35 mm	500	•	•
512 676 9	UNIVERSAL patch UP 4.5	Ø 45 mm	92	•	•
512 6776	UNIVERSAL patch UP 4.5, bucket	Ø 45 mm	300	•	•
512 672 1	UNIVERSAL patch UP 6	Ø 60 mm	50	•	•
512 6738	UNIVERSAL patch UP 6, bucket	Ø 60 mm	200	•	•
512 674 5	UNIVERSAL patch UP 8	Ø 67 mm	50	•	•
512 6752	UNIVERSAL patch UP 8, bucket	Ø 67 mm	150	•	•

RAD repair patches, Series 100






- Repair patches for durable repairs to all radial tyre sizes and for all applications
- Suitable for hot- or self-vulcanisation due to the unique bonding layer in conjunction with the appropriate REMA TIP TOP accelerator cements or solutions



512 1142



RAD repair patches, 100 Series

Ref. No.	Description	Number of plies	Size	Content					
512 1104	RAD repair patch 110 TL	1	75 x 55 L x W mm	20	•				
512 1159	RAD repair patch 115 TL	1	90 x 75 L x W mm	20	•	•	•		
512 1160	RAD repair patch 116 TL	1	104 x 67 L x W mm	10	•	•	•		
512 1207	RAD repair patch 120 TL	2	125 x 80 L x W mm	10					
512 1221	RAD repair patch 122 TL	2	175 x 75 L x W mm	10		•	•	•	
512 1245	RAD repair patch 124 TL	2	220 x 75 L x W mm	10		•			
512 1252	RAD repair patch 125 TL	3	125 x 115 L x W mm	10		•			
512 1355	RAD repair patch 135 TL	4	130 x 180 L x W mm	10		•	•		•
512 1403	RAD repair patch 140 TL	3	203 x 148 L x W mm	10		•	•		•
512 1427	RAD repair patch 142 TL	4	260 x 130 L x W mm	10		•	•		
512 1441	RAD repair patch 144 TL	4	335 x 130 L x W mm	10		•			•
512 1465	RAD repair patch 146 TL	4	440 x 180 L x W mm	5		•			•
512 1506	RAD repair patch 150 TL	5	580 x 180 L x W mm	5					•
512 1520	RAD repair patch 152 TL	5	580 x 240 L x W mm	3					•
512 1551	RAD repair patch 155 TL	5	330 x 260 L x W mm	5					•
512 1568	RAD repair patch 156 TL	7	720 x 270 L x W mm	3					•
512 1609	RAD repair patch 160 TL	7	860 x 270 L x W mm	3					•
512 1623	RAD repair patch 162 TL	7	1030 x 325 L x W mm	1					•
512 1654	RAD repair patch 165 TL	6	420 x 330 L x W mm	3					•
512 1685	RAD repair patch 168 TL	7	760 x 350 L x W mm	1					•
512 1757	RAD repair patch 175 TL	8	530 x 450 L x W mm	3					•
512 1805	RAD repair patch 180 TL	2	190 x 150 L x W mm	5				•	
512 1829	RAD repair patch 182 TL	3	240 x 185 L x W mm	5				•	
512 1843	RAD repair patch 184 TL	3	295 x 215 L x W mm	5				•	
512 1852	RAD repair patch 185 TL+	8	730 x 530 L x W mm	1					•
512 1867	RAD repair patch 186 TL	2	340 x 245 L x W mm	5				•	
512 1881	RAD repair patch 188 TL	2	450 x 280 L x W mm	5				•	
512 1908	RAD repair patch 190 TL	2	550 x 310 L x W mm	3				•	

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512 5337

RAD repair patches, Series 500 – ARAMID



- The repair patch for professional repairs
- Aramid-reinforced patch construction ensures a long service life
- Low bulge factor
- Low weight and high flexibility
- Perfectly suits the tyre contour as well as the rolling behaviour of the new-generation tyres

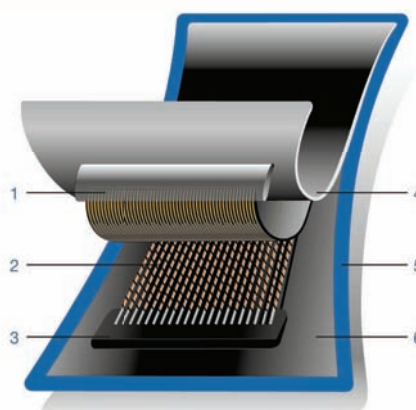
Ref. No.	Description	Size	Content
512 5314	RAD repair patch 531, ARAMID	165 x 85 L x W mm	10
512 5337	RAD repair patch 533, ARAMID	205 x 110 L x W mm	10
512 5351	RAD repair patch 535, ARAMID	245 x 110 L x W mm	10
512 5375	RAD repair patch 537, ARAMID	285 x 110 L x W mm	10
512 5399	RAD repair patch 539, ARAMID	325 x 115 L x W mm	10
512 5410	RAD repair patch 541, ARAMID	365 x 125 L x W mm	10
512 5431	RAD repair patch 543, ARAMID	445 x 135 L x W mm	5
512 5810	RAD repair patch 581, ARAMID	208 x 168 L x W mm	10
512 5830	RAD repair patch 583, ARAMID	258 x 203 L x W mm	10
512 5850	RAD repair patch 585, ARAMID	363 x 233 L x W mm	10
512 5870	RAD repair patch 587, ARAMID	458 x 288 L x W mm	10
512 5890	RAD repair patch 589, ARAMID	603 x 343 L x W mm	3

Your personal benefit:

- Easy application and improved flexibility of the patch of the inner tyre contour
- Reduced weight has positive impact on tyre unbalance and local heat generation
- Rigidity 5 times the one of rayon cord extends the range of agricultural / industrial tyres to be repaired up to speed index G (90 kph)
- Customised injury patches reduce required storage quantities and ensure versatile application

Patch structure:

- 1 Textile cord - Large-size cover ply inside the patch
- 2 ARAMID cord High-strength component to reduce repair bulges to a minimum
- 3 Cushion end Steel cord ends protected by multi-layer highstrength compound to prevent cracking of the patch at the cutting edges of the reinforcing material
- 4 Top layer Prevents air and pressure leakage through the repair unit
- 5 Bonding layer homogeneously interwoven with the patch
- 6 Buffer Special resilient rubber layer between textile plies and bonding layer



CROSS-PLY repair patches





CROSS-PLY repair patches, Series PN

- Repair patches for durable repairs to cross-ply tyres of all sizes, especially for tread, shoulder and sidewall injuries
- Suitable for both self-vulcanising and hot-vulcanising processes due to the fully integrated bonding layer. Use in conjunction with the appropriate REMA TIP TOP accelerator solutions

P·N
DIAGONAL



CROSS-PLY repair patches, Series PN

Ref. No.	Description	Patch Ø in cord direction	Number of plies	Content				
512 603 7	CROSS-PLY repair patch PN 03	100 mm	2	10	•	•		
512 604 4	CROSS-PLY repair patch PN 04	120 mm	2	10	•	•		
512 605 1	CROSS-PLY repair patch PN 05	160 mm	4	10		•		
512 606 8	CROSS-PLY repair patch PN 06	235 mm	6	10		•		
512 607 5	CROSS-PLY repair patch PN 07	295 mm	6	10		•		
512 608 2	CROSS-PLY repair patch PN 08	345 mm	6	5		•		
512 609 9	CROSS-PLY repair patch PN 09	390 mm	8	5		•		
512 610 9	CROSS-PLY repair patch PN 010	450 mm	8	3		•		
512 620 2	CROSS-PLY repair patch PN 020	255 mm	4	10			•	
512 621 9	CROSS-PLY repair patch PN 021	370 mm	4	5			•	
512 622 6	CROSS-PLY repair patch PN 022	510 mm	4	3			•	
512 623 3	CROSS-PLY repair patch PN 023	255 mm	6	10			•	
512 625 7	CROSS-PLY repair patch PN 025	510 mm	6	3			•	
512 6408	CROSS-PLY repair patch PN 040	160 mm	4	5				•
512 6415	CROSS-PLY repair patch PN 041	235 mm	6	5				•

CROSS-PLY repair patches, Series PN-OTR



A



- Repair patches for durable repairs to cross-ply tyres of all OTR sizes
- Suitable for all the current vulcanising systems due to the fully integrated bonding layer
- Use in conjunction with the appropriate REMA TIP TOP accelerator solutions

Type:
S = sidewall patch
+ = reinforced patch
S+ = shoulder and sidewall injuries, reinforced

CROSS-PLY repair patches, Series PN-OTR

Ref. No.	Description	Patch Ø in cord direction	Number of plies	Content
512 200 0	CROSS-PLY repair patch PN 050	240 mm	4	12
512 201 7	CROSS-PLY repair patch PN 050+	240 mm	6	10
512 202 4	CROSS-PLY repair patch PN 052	360 mm	6	12
512 203 1	CROSS-PLY repair patch PN 052+	360 mm	8	10
512 204 8	CROSS-PLY repair patch PN 054	480 mm	8	5
512 205 5	CROSS-PLY repair patch PN 054+	480 mm	10	5
512 206 2	CROSS-PLY repair patch PN 056	660 mm	10	5
512 207 9	CROSS-PLY repair patch PN 056+	660 mm	12	5
512 240 2	CROSS-PLY repair patch PN 056 S	660 mm	10	5
512 241 9	CROSS-PLY repair patch PN 056 S+	660 mm	12	5
512 209 3	CROSS-PLY repair patch PN 058	810 mm	12	3

Vulcanising

SPECIAL CEMENT BL, free of CFC/aromatic compounds

- Accelerator solution for the application of REMA TIP TOP RAD, PN and UP repair patches, MINICOMBI, REMA STEM, SV bonding rubber, SEALASTIC, VULC COMPOUND
- SPECIAL CEMENT BL can be used for self-vulcanisation starting from 18 °C (65 °F) through to hot vulcanisation up to 150 °C (300 °F)

Ref. No.	Description	Content
515 9303	SPECIAL CEMENT BL	4 g tube
515 9334	SPECIAL CEMENT BL	30 g tube
515 9341	SPECIAL CEMENT BL	40 g tin
515 9365	SPECIAL CEMENT BL	225 g tin
515 9389	SPECIAL CEMENT BL	650 g tin
515 9396	SPECIAL CEMENT BL	4 kg can
515 9570	SPECIAL CEMENT BL, Fast Dry Cement	175 g



515 9303



515 9334



515 9365



515 9396

SPECIAL CEMENT BL, non-inflammable (*EU version)

- Accelerator solution for the application of REMA TIP TOP RAD, PN, and UP repair patches, MINICOMBI, REMA STEM, SV bonding rubber, SEALASTIC, VULC COMPOUND
- SPECIAL CEMENT BL can be used for self-vulcanisation starting from 18 °C (65 °F) through to hot vulcanisation up to 150 °C (300 °F)

*Labelled in accordance with EU regulations

Ref. No.	Description	Content
515 0371	SPECIAL CEMENT BL, EU version	500 g tin
515 0388	SPECIAL CEMENT BL, EU version	1 kg tin
515 0405	SPECIAL CEMENT BL, EU version	6 kg can



515 0388

OTR SPECIAL CEMENT, non-inflammable (*EU Version)

- Accelerator solution for coating the buffed tyre inside in conjunction with REMA TIP TOP RAD and PN OTR repair patches
- Especially suitable for repairs to large tyres used on long-haul EM vehicles, optimising the run time of the tyre

*Labelled in accordance with EU regulations

Ref. No.	Description	Content
515 0546	OTR SPECIAL CEMENT, EU-version	1 kg can
515 0553	OTR SPECIAL CEMENT, EU-version	6 kg can



515 0546



515 0553



515 9004

INNERLINER SEALER, free of CFC/aromatic compounds

- Sealing porous innerliners and edges of repair areas
- Coating excessively buffed repair areas on the tyre inside

Ref. No.	Description	Content
515 9028	INNERLINER SEALER, with brush top	175 g tin
515 9004	INNERLINER SEALER	650 g tin
515 0900	INNERLINER SEALER	1 kg tin
515 9011	INNERLINER SEALER	4 kg can



516 9207

MTR-Solution, free of CFC and aromatic compounds

- Accelerator solution for coating the buffed tyre inside, the buffed skive surface or the bonding layer of REMA TIP TOP repair patches prior to laminating with MTR RUBBER
- Thermopress MTR-Solution is adapted to MTR RUBBER with regard to its accelerator and adhesion system and can therefore be used at curing temperatures of at least 100 °C (212 °F)

Ref. No.	Description	Content
516 9207	Thermopress MTR-Solution, with brush top	350 g tin
516 9214	Thermopress MTR-Solution	700 g tin
516 9221	Thermopress MTR-Solution	3.75 kg can
516 9240	Thermopress MTR-Solution	4.5 kg can

MTR-Solution, non-inflammable (*EU version)

- Accelerator solution for coating the buffed tyre inside, the buffed skive surface or the bonding layer of REMA TIP TOP repair patches prior to laminating with MTR RUBBER
- Thermopress MTR-Solution is adapted to MTR RUBBER with regard to its accelerator and adhesion system and can therefore be used at curing temperatures of at least 100 °C (212 °F)

*Labelled in accordance with EU regulations



516 1212

Ref. No.	Description	Content
516 1212	Thermopress MTR-Solution, EU version	500 g tin
516 1061	Thermopress MTR-Solution, EU version	6 kg can

Repair material for tyres and tubes

T2-Solution, free of CFC and aromatic compounds

- T2-Solution is used for pre-treatment of the buffed skive before it is filled with T2-Compound
- The two components (A and B) are mixed in equal quantities in the amount required for the rubber surface

Ref. No.	Description	Content
517 9008	T2 Solution A 4	700 g tin
517 9015	T2-Solution B 4	700 g tin



517 9008



517 9015

T2-Solution, inflammable (*EU version)

*Labelled in accordance with the EU regulations

Ref. No.	Description	Content
517 7361	T2-Solution A, EU version	1 kg tin
517 7378	T2-Solution B, EU version	1 kg tin



517 7361



517 7378

T2-COMPOUND

- The solvent-free compound consisting of two components is mixed in the REMA TIP TOP Compound Master and applied to the repair location that was prepared with T2-Solution
- High initial elasticity
- Quick vulcanisation
- Constant technical properties and good abrasion resistance
- Hand extruders should be cleaned using REMA TIP TOP T2 cleaning rubber

	517 7323	517 7330
Weight	2 kg	2 kg
Size	3 x 20 x 5500 H x W x L mm	3 x 20 x 5500 H x W x L mm



517 7323



517 7330



Ref. No.	Description	Content
517 7323	T2-COMPOUND A	5 rolls
517 7330	T2-COMPOUND B	5 rolls

T2 Cleaning rubber

- For cleaning hand extruders

Ref. No.	Description	Size	Weight	Dia.	Content
517 7402	T2 Cleaning rubber	about 3 x 20 x 3000 H x W x L mm	approx. 1 kg		5 rolls



517 7402



Repair rubber

A



SV bonding rubber, blue

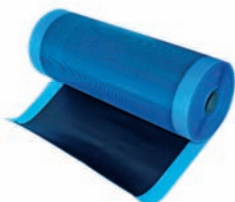
SV bonding rubber, blue

- Self-vulcanising cushion gum for the lamination of REMA TIP TOP RADIAL and PN repair patches
- Only apply with REMA TIP TOP SPECIAL CEMENT BL
- Waiting time before putting the tyre back into operation in the case of self-vulcanisation: 48 hours at a temperature of at least 18 °C (65 °F)

Ref. No.	Description	Size	Weight	Content
517 3523	SV bonding rubber, blue	approx. 8000 x 250 x 0.8 L x W x H mm	approx. 2 kg	1 roll
517 3509	SV bonding rubber, blue	approx. 10000 x 500 x 0.8 L x W x H mm	approx. 5 kg	1 roll

MTR-RUBBER

- Uncured rubber compound for filling skives in all areas on the tyre
- Good flowing and vulcanising characteristics
- Required vulcanising temperature: at least 100 °C (212 °F)
- Max. temperature for warming up MTR-RUBBER 80 °C (176 °F)
- MTR-RUBBER provides excellent adhesion to the tyre and has high resistance to dynamic stress
- Use only with MTR-Solution



516 1250



516 1274

Ref. No.	Description	Weight	Size	Dia.	Content
516 1243	MTR-RUBBER	approx. 0.5 kg	approx. 2500 x 150 x 0.8 L x W x H mm		1 roll
516 1267	MTR-RUBBER	approx. 1 kg	approx. 2600 x 30 x 3.0 L x W x H mm		3 rolls
516 1250	MTR-RUBBER	approx. 2.5 kg	approx. 7200 x 250 x 1.2 L x W x H mm		1 roll
516 1274	MTR-RUBBER	approx. 5 kg	approx. 2600 x 500 x 3.0 L x W x H mm		1 roll

Thermopress MTR cushion gum

- Cushion gum for laminating REMA TIP TOP repair patches prior to vulcanisation in retreading systems/vulcanising machines at an operating temperature of over 100 °C (212 °F)
- The excellent initial tack and ageing stability under thermal stress ensure improved adhesion even when used in open steam autoclaves or long curing processes
- Please use MTR RUBBER cushion gum with MTR Solution only!



516 1009

Ref. No.	Description	Weight	Size	Content
516 1009	MTR RUBBER cushion gum	approx. 5 kg	about 1 x 500 x 8000 H x W x L mm	1 roll

MTR SUPER FINISH RUBBER

- Uncured rubber compound for excellent surface finish particularly in the tyre side-wall area
- Good flowing and vulcanising characteristics
- Required vulcanising temperature: at least 100 °C (212°F)
- Max. temperature for warming up MTR SUPER FINISH RUBBER 80 °C (176 °F)
- Use only with MTR-Solution



516 0980

Ref. No.	Description	Weight	Dia.	Content
516 0980	MTR SUPER FINISH RUBBER, rope for extruder	approx. 12 kg	8 mm	1 rope

MTR-CR RUBBER

- Uncured rubber for increased wear and cut resistance
- Required vulcanising temperature: at least 100 °C (212 °F)
- The skive can be filled with MTR-CR RUBBER only or in combination with MTR RUBBER
- If working with two compounds, use MTR-CR RUBBER as a protector above the casing
- (CR = cut resistant)
- Please only use with MTR-Solution



516 1164

Ref. No.	Description	Weight	Dia.	Content
516 1164	MTR-CR, rope for extruder • CR = cut resistant	approx. 12 kg	8 mm	1 rope
516 1180	MTR-CR, rope for extruder • CR = cut resistant	approx. 12 kg	8 mm	1 rope

Aramid Repair Cord

Ref. No.	Description	Weight	Size	Content
538 8090	ARAMID Repair Cord	approx. kg	1 x 1130 x 4000 H x W x L mm	1 roll

Brushes for solutions

- The thickness of the brush and the hardness of the bristles have a determining influence on the quality and economy of the coat of cement in the skive, on the inner liner and on the patch



595 0186



595 8308



595 8353



595 8360



593 0625



593 0618

Ref. No.	Description	Dia.	Content
595 0186	Brush, with long bristles and natural fibre For use with: • All cements	40 mm	1
595 8308	Special brush No. 10, with short fibre bristles For use with: • SPECIAL CEMENT BL, HR SOLUTION etc.	25 mm	1
595 8353	Brush, with screw top For use with: • 175 g and 225 g cans		10
595 8360	Mounting Paste Brush • Car, Low Profile		1
593 0625	Mounting Paste Brush • Car		1
593 0618	Mounting Paste Brush • Truck		1



595 4508



595 4820



595 8298



595 8346

Cans with brushes

- Storage brushes and detergents

Ref. No.	Description	Dia.
595 4508	Aluminium-can, with brush and cap	
595 4820	Zinc tin, with brush and cap	
595 8298	Brush cleaning can UNIVERSAL, with brush	
595 8346	Can cap, with brush adapter For use with: • Solutions with 650 g can	50 mm

Tools for tyre repair

Working tools.....	42 – 52
Marking.....	52 – 53
Hand tools.....	54 – 56
Measuring.....	57
REMA TIP TOP Extruders.....	58

B

Outstanding products



Buffing wheel K18

Page 45



Flap wheel

Page 49



RTT Extruder NORMAL

Page 58






Working Tools

HM mill cutters and routers

- For the precise injury preparation on radial and cross-ply tyres
- Special profile adapted to steel cord preparation

- Long service life



Ref. No.	Description	Dia.	Blade length	Length	Speed					
595 4917	Steel mill cutter, pointed	3 mm	30 mm	70 mm	max. 2500 rpm	fixed shaft 3 mm			•	•
511 1781	Steel mill cutter, pointed	6 mm	40 mm	110 mm	max. 2500 rpm	fixed shaft 6 mm	519 6672	•	•	
511 1798	Steel mill cutter, pointed	8 mm	45 mm	110 mm	max. 2500 rpm	fixed shaft 8 mm	519 6689	•	•	•
511 1891	Carbide mill cutter, pointed	3 mm	25 mm	60 mm	max. 2500 rpm	fixed shaft 6 mm	519 6682		•	•
595 4900	Carbide mill cutter, pointed	3 mm	25 mm	50 mm	max. 2500 rpm	fixed shaft 3 mm	519 6593		•	•
595 5019	Carbide mill cutter, pointed	4.5 mm	35 mm	70 mm	max. 2500 rpm	fixed shaft 6 mm	519 6593		•	•
511 1925	Carbide mill cutter, pointed	6 mm	40 mm	90 mm	max. 2500 rpm	fixed shaft 6 mm			•	•
595 4924	Mill cutter carbide	6 mm	35 mm	65 mm	max. 2500 rpm	fixed shaft 6 mm			•	•
595 4948	Mill cutter carbide	8 mm	50 mm	100 mm	max. 25000 rpm	fixed shaft 8 mm	519 6782	•	•	
511 1944	Mill cutter carbide	10 mm	50 mm	100 mm	max. 25000 rpm	fixed shaft 10 mm	519 6672		•	•
595 4979	Mill cutter carbide	12 mm	55 mm	110 mm	max. 25000 rpm	fixed shaft 10 mm			•	•
595 4986	Mill cutter carbide	17 mm	80 mm	130 mm	max. 25000 rpm	fixed shaft 12 mm	519 6672		•	•
595 499 3	Mill cutter carbide	22 mm	30 mm	70 mm	max. 2500 rpm	fixed shaft 13 mm			•	•
595 4955	HM Ballshaped burr	6.4 mm	25 mm	50 mm	max. 25000 rpm	fixed shaft 3 mm	519 6782	•	•	



Arbour for fixed shaft



Arbour for quick release chuck



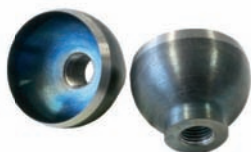
Arbour MK 1 for flexible shaft

Rotary gouges

- For the removal of large volumes of rubber in tyre repairs



595 4292



595 432 6



595 4481



595 4498

Ref. No.	Description	Dia.	Speed	Content						
595 4292	Rotary gouge	50 mm	max. 4500 rpm		595 4034	519 6610	595 4027	•	•	•
595 432 6	Rotary gouge	30 mm	max. 4500 rpm	3	595 4034	519 6610		•	•	•
595 4481	Sharpening fixture									
	• For the precise sharpening of rotary gouges									
595 4498	Replacement stones			2						

Domed buffing rasp, silver class

- For finishing work on rubber surfaces
- Max. speed 4500 rpm



595 4357



595 4735



595 9003



595 4371



595 4364

Ref. No.	Description	Bore Ø	Dia.	Length						
595 4357	Dome rasp K 36	3/8 inch	65 mm		595 4034	519 6610		•	•	
595 4735	Dome rasp K 60	3/8 inch	32 mm	18 mm	595 4034	519 6610	595 4027	•	•	
595 9003	Buffing donut	50 mm	152 mm	18 mm	595 4034	519 6610	595 4027	•	•	
595 4371	Ball rasp K 36		19 mm	6 mm		519 6672		•	•	
	Accessories:									
595 4364	Poly plug	3/8 inch	65 mm		595 4034	519 6610		•	•	
	For use with:									
	• Dome rasp (595 4357)									

Buffing set, silver class

- Set of small buffing tools for finish buffing work
- Max. speed 4500 rpm



Ref. No.	Description	Content				
595 4711	Mini buffing set	4 fixed shaft 3 mm		519 6782	•	•
	Scope of delivery:					
	• 1 Cone rasp K 60, Ø 3 mm x 25 mm					
	• 1 Cone rasp K 60, Ø 6 mm x 15 mm					
	• 1 Chip rasp K 60, Ø 15 mm x 3 mm					
	• 1 Ball rasp K 60, Ø 10 mm					

Chip cones, classic class

- For buffing rubber on stitch damages and narrow spots
- Max. speed 4500 rpm

595 0739



595 0746



595 8872



Ref. No.	Description	Dia.	Thread	Length						
595 0739	Chip cone K 18, pointed	25 mm	3/8 inch	102 mm	595 4034	519 6610	595 4027	•	•	
595 0746	Chip cone K 18, rounded	20 mm	3/8 inch	38 mm	595 4034	519 6610	595 4027	•	•	
595 8872	Chip cone K 18, pointed	25 mm	3/8 inch	50 mm	595 4034	519 6610	595 4027	•		•

Ball shaped chip rasps, classic class

- Carbide buffing tools
- For buffing rubber surfaces
- Max. speed 4500 rpm



595 8920

Ref. No.	Description	Dia.				
595 8920	Ball shaped chip rasp K 18	20 mm	fixed shaft 6 mm	519 6672	•	•

Pencil buffers, standard class

- For buffing of rubber in nailhole type injuries
- Max. speed 4500 rpm

595 8913



595 8896



595 8968



595 8951



Ref. No.	Description	Dia.	Length						
595 8913	Pencil buffer K 46	4 - 8 mm	102 mm	fixed shaft 6 mm	519 6672	595 0519	•	•	
595 8896	Pencil buffer K 36	5 - 8 mm	105 mm	fixed shaft 6 mm	519 6672	595 0519	•	•	
595 8968	Pencil buffer K 18	8 mm	170 mm	fixed shaft 8 mm	519 6689	595 4278			•
595 8951	Pencil buffer K 36	8 mm	170 mm	fixed shaft 8 mm	519 6689	595 4278			•

Buffing wheels, classic class

- Carbide buffing tools
- Max. speed 4500 rpm



595 8793



595 8810



595 8858



875 9236



595 8827



595 8834



595 8841



595 9017

Ref. No.	Description	Width	Dia.	Thread	Bore Ø						
595 8793	Buffing wheel K 18	3 mm	50 mm	3/8 inch		595 4034	519 6610	595 4027	•	•	•
595 8810	Buffing wheel K 18	5 mm	50 mm	3/8 inch		595 4034	519 6610	595 4027	•	•	•
595 8858	Buffing wheel K 18	10 mm	50 mm	3/8 inch		595 4034	519 6610	595 4027	•	•	•
875 9236	Buffing wheel K 16	12 mm	50 mm	3/8 inch		595 4034	519 6610	595 4027	•	•	•
595 8827	Buffing wheel K 18	19 mm	50 mm	3/8 inch		595 4034	519 6610	595 4027	•	•	
595 8834	Buffing wheel K 18	16 mm	76 mm		14 mm	595 4261	519 6634	595 4285	•	•	
595 8841	Buffing wheel K 18	19 mm	102 mm		14 mm	595 4261	519 6634	595 4285	•	•	
595 9017	Buffing donut K 14	13 mm	100 mm			595 4261	519 6634	595 4285	•	•	

Domed contour rasps, classic class

- For buffing on inner liner or other smooth rubber surfaces
- Carbide buffing tools
- Max. speed 4500 rpm



595 4209



595 4247



595 8865



595 8975



595 4223



595 4326



595 4230

Ref. No.	Description	Bore Ø	Dia.	Thread							
595 4209	Dome rasp K 36	14 mm	76 mm		595 4261	519 6634	595 4285			•	•
595 4247	Dome rasp K 18	14 mm	102 mm		595 4261	519 6634	595 4285			•	•
595 8865	Dome rasp K 18		50 mm	3/8 inch	595 4034	519 6610	595 4027	•		•	•
595 8975	Dome rasp K 36		50 mm	3/8 inch	595 4034	519 6610	595 4027			•	•
595 4223	Dome rasp K 18	14 mm	76 mm		595 4261	519 6634	595 4285			•	•
595 4326	Contour wheel	3/8 inch	65 mm		595 4261	519 6634	595 4285	•	•		
595 4230	Dome rasp K 36	14 mm	102 mm		595 4261	519 6634	595 4285			•	•

Buffing stones

- Rotary high speed stones, for removal of damaged steel cord from tyres
- Max. speed 25000 rpm



596 0200
596 0303



596 0190



596 0207



595 2311

Ref. No.	Description	Width	Dia.	Length							
596 0200	Mushroom stone		40 mm		fixed shaft 6 mm	519 6672					
596 0303	Mushroom stone		25 mm		fixed shaft 6 mm	519 6672					
596 0190	Conical stone	20 mm		65 mm	fixed shaft 6 mm	519 6672					
596 0207	Buffing stone	38 mm		10 mm	fixed shaft 6 mm	519 6672					
595 2311	Buffing stone, black				fixed shaft 6 mm	519 6672					

Limestones

- Limestones for buffing soft rubber grades such as inner liners
- Max. speed 4500 rpm



595 0117



595 0588



595 0595



595 0605



595 2304

Ref. No.	Description	Width	Dia.	Bore Ø							
595 0117	Limestone, cylindrical	15 mm	60 mm		595 0100	595 0100 + 519 6672					
595 0588	Limestone, cylindrical	30 mm	90 mm	16 mm	595 0540	595 0540 + 519 6689	595 0540 + 595 0502				
595 0595	Limestone, rounded	30 mm	90 mm	16 mm	595 0540	595 0540 + 595 6689	595 0540 + 595 0502				
595 0605	Limestone, spherical, M12		60 mm		595 0557	595 0557 + 519 6689	595 0557 + 595 0526				
595 2304	Golfball buffing stone		38 mm		fixed shaft 6 mm	519 6672					

Grinding tools for steel cord preparation

- Rotary high speed stones, for removal of damaged steel cord from tyres
- Max. speed 25000 rpm



595 0650



595 4412



595 0629



595 4405



595 0667



595 4429



595 0681

Ref. No.	Description	Width	Dia.	Length	Bore Ø								
595 0650	Round mushroom stone, pointed	10 mm	40 mm			fixed shaft 6 mm	519 6672		•	•	•	•	•
595 4412	Round mushroom stone, pointed	6 mm	32 mm			fixed shaft 6 mm	519 6672						
595 0629	Cone stone		20 mm	65 mm		fixed shaft 6 mm	519 6672		•	•		•	
595 4405	Pencil stone		8 mm	25 mm		fixed shaft 6 mm	519 6672		•	•		•	
595 0667	Grinding disc, cylindrical	7 mm	76 mm		16 mm	595 0674	595 0674 + 519 6689	595 0674 + 595 4278	•	•		•	
595 4429	Cone stone		10 mm	18 mm		fixed shaft 6 mm	519 6672						
595 0681	Ball stone, spherical		20 mm			fixed shaft 6 mm	519 6672						



Arbour for fixed shaft



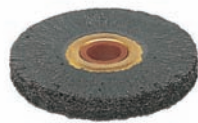
Arbour for quick release chuck



Arbour MK 1 for flexible shaft

Rotary wire brushes

- For the careful treatment of rubber steel cord
- Max. speed 2800 rpm



595 4522



595 4168



595 4175



595 0722



595 0076



595 0564



595 0571



595 0083

Ref. No.	Description	Width	Bore Ø	Dia.							
595 4522	Rotary brush, cylindrical, plastic embedded	7 mm	3/8 inch	50 mm	595 4034	519 6627	•			•	
595 4168	Rotary brush, cylindrical, plastic embedded	8 mm	14 mm	76 mm	595 4261	519 6634	595 4285			•	•
595 4175	Rotary brush, contour embedded in plastic	20 mm	14 mm	76 mm	595 0533	519 6665	595 4285			•	•
595 0722	Rotary brush, cylindrical, brass-coated steel wire	8 mm		55 mm	fixed shaft 6 mm	519 6672		•	•	•	•
595 0076	Rotary brush, steel wire	20 mm		60 mm	fixed shaft 6 mm	519 6672		•	•	•	•
595 0564	Rotary brush, cylindrical	25 mm	16 mm	100 mm	595 0540	519 6689	595 0502			•	•
595 0571	Rotary brush, cylindrical	20 mm	16 mm	80 mm	595 0540	519 6689	595 0502			•	•
595 0083	Twisted wire wheel	mm		75 mm	fixed shaft 6 mm	519 6672		•		•	

Finish buffer ES

- ES buffing bands can be mounted or removed by turning them slightly to the right



595 5507



595 4106



596 0121

Ref. No.	Description	Height	Speed	Dia.						
595 5507	ES 45 finish buffer kit K 60 Scope of delivery: • 1 Buffing sleeve • 5 Buffing bands	30 mm	max. 2800 rpm	45 mm	fixed shaft 6 mm	519 6672		•	•	
595 4106	Spiraband	30 mm		45 mm	30 mm	30 mm				
596 0121	Flap wheel	25 mm		60 mm	fixed shaft 6 mm					

Buffing and grinding wheels

- Used for buffing excess rubber and joints
- When ordering, specify bore, diameter and keyway size precisely



595 7938



519 6414

Ref. No.	Description	Width	Bore Ø	Dia.						
595 7938	Buffing wheel K 60	25 mm	14 mm	50 mm	519 6634	595 4261		•	•	
519 6414	Buffing wheel K 18, canted contour For use with: • Buffing machines e.g. RM 56	30 mm	18 mm	130 mm						•



Arbour for fixed shaft



Arbour for quick release chuck



Arbour MK 1 for flexible shaft

Jacob chuck type arbours

- For secure mounting of buffing tools on driving machine



595 0100



595 4034



595 4302



595 0533



595 0540



595 0557



595 4261



595 0674

Ref. No.	Description	Shaft dia.
595 0100	Arbour For use with: <ul style="list-style-type: none"> • Limestone, cylindrical (595 0117) 	6 mm
595 4034	Arbour For use with: <ul style="list-style-type: none"> • Buffing tools with 3/8" thread, 3/8" bore 	8 mm
595 4302	Arbour For use with: <ul style="list-style-type: none"> • Rotary gouge (595 4292) 	8 mm
595 0533	Arbour For use with: <ul style="list-style-type: none"> • Wire brush (595 4175) • Dome rasp with POLYPLUG 76 mm (595 4656) 	8 mm
595 0540	Arbour For use with: <ul style="list-style-type: none"> • Wire brush (595 0571) • Wire brush (595 0564) • Limestone (595 0588) • Limestone (595 0595) 	8 mm
595 0557	Arbour For use with: <ul style="list-style-type: none"> • Ball rasp (595 0605) 	8 mm
595 4261	Arbour For use with: <ul style="list-style-type: none"> • Buffing tools with 14 mm bore and max. 4 mm attachment 	8 mm
595 0674	Arbour For use with: <ul style="list-style-type: none"> • Cylindric grinding discs 	

Arbours – adapters for quick release chuck type



- For the secure fastening of buffing tools in the quick coupling



519 6603



519 6782
519 6799



519 6672



519 6689



519 6593



519 6610



519 6627



519 6634



519 6641



519 6665

Ref. No.	Description
519 6603	Quick release action chuck QC, 3/8" - 24 For use with: • Arbour NV 11 (595 4010)
519 6782	Arbour NV 11 For use with: • All tools with 3 mm shaft
519 6799	Arbour NV 11 For use with: • All tools with 5 mm shaft
519 6672	Arbour NV 11 For use with: • All tools with 6 mm shaft
519 6689	Arbour NV 11 For use with: • All tools with 8 mm shaft
519 6593	Arbour NV 11 For use with: • All tools with 10 mm shaft
519 6610	Arbour NV 11, 3/8" - 24 For use with: • Buffing wheel 13 mm height, Ø 50 mm, and contour discs
519 6627	Arbour NV 11, 3/8" - 24, 21 mm thread length For use with: • Gouge Ø 30 mm, buffing wheel Ø 50 x 3 mm
519 6634	Arbour NV 11, M 14, 11 mm thread length For use with: • Contour discs and buffing wheels with Ø 76 mm + Ø 102 mm
519 6641	Arbour NV 11, R5/R6, 16 mm retainer For use with: • Buffing rasp R5 (519 6139) • Buffing rasp R6 (519 6249)
519 6665	Arbour NV 11, M 14, 16 mm attachment For use with: • Wire brush (595 4175) • Buffing wheel with PU insert (595 4656)



Arbour for fixed shaft



Arbour for quick release chuck



Arbour MK 1 for flexible shaft

Flex drive arbours MK 1



- For secure mounting of buffing tools to flexible shafts



595 0519



595 4278



595 0526



595 4285



595 4010

Ref. No.	Description	Thread
595 0519	Arbour MK 1 collet chuck type For use with: • All tools with 6 mm shaft	
595 4278	Arbour MK 1 collet chuck type For use with: • All tools with 8 mm shaft	
595 0526	Arbour MK 1 For use with: • Ball rasp (595 0605)	M12
595 4285	Arbour MK 1 For use with: • All tools with 14 mm bore	M14
595 4010	Arbour MK 1 For use with: • Quick coupling	

Marking

Tyre marking, electric

- For branding of tyres
- Special characters such as &, %, etc. available upon request



519 6001



595 6104

	519 6001
Size	70 x 35 L x W mm
Electric power/connection	230/300 V/W
Type size	12 mm

Ref. No.	Description
519 6001	Branding iron, one line
595 6104	Branding iron element

Accessories – Tyre marking



Letters and numbers (for tyre marking)

Ref. No.	Description	Content
595 6032	Complete set (letters A - Z)	26
595 6025	Complete set (numbers 0 - 9)	10
558 7195	Letter A	
558 7205	Letter B	
558 7212	Letter C	
558 7229	Letter D	
558 7236	Letter E	
558 7243	Letter F	
558 7250	Letter G	
558 7267	Letter H	
558 7274	Letter I	
558 7281	Letter J	
558 7298	Letter K	
558 7315	Letter L	
558 7322	Letter M	
558 7339	Letter N	
558 7346	Letter O	
558 7353	Letter P	
558 7360	Letter Q	

Ref. No.	Description	Content
558 7377	Letter R	
558 7384	Letter S	
558 7391	Letter T	
558 7401	Letter U	
558 7418	Letter V	
558 7425	Letter W	
558 7432	Letter X	
558 7449	Letter Y	
558 7456	Letter Z	
558 7463	Number 1	
558 7470	Number 2	
558 7487	Number 3	
558 7494	Number 4	
558 7504	Number 5	
558 7511	Number 6	
558 7528	Number 7	
558 7535	Number 8	
558 7542	Number 9	
558 7559	Number 0	
595 6087	Branding iron blanks	

Part worn stamp and labels

Ref. No.	Description
871 0042	Part worn stamp
311 0168	Part worn labels - 63



871 0042



311 0168

Hand tools

Cutting tools

- For the preparation of damages on tyres of every type

B



Ref. No.	Description	Length
595 0801	Side cutter for steelcord <ul style="list-style-type: none"> • Toggle joint reduces expenditure of force • With opening spring • Plastic coated handle 	
595 2074	Skiving knife, 5" <ul style="list-style-type: none"> • Chromium-plated blade • Black, plastic handle with ergonomic non-slip grip 	125 mm
595 2012	Don Carlos knife, 8", with retractable blade	210 mm
595 4539	Knife, 4", straight, pointed tapered	100 mm
595 2088	Knife, 4", straight - Economy, pointed tapered	100 mm
595 2057	Skiving knife, "	100 mm
595 4546	Knife - flexible	100 mm
595 2287	Scissors, 8", industrial quality	200 mm
517 6221	Hot knife - 8"	200 mm

Rubber knives

- Chromium-plated blade
- Black handle with ergonomic grip



Ref. No.	Description	Length
595 2067	Rubber knife, 6"	145 mm
595 2050	Rubber knife, 8"	200 mm

Whetstones

- For sharpening of knife blades



Ref. No.	Description	Length
714 2019	Whetstone	230 mm

Stitchers

- For smooth application of repair patches or rubber



595 1020



596 1027



595 1044



596 1058



595 1123

Ref. No.	Description	Width	Dia.
595 1020	Stitcher, corrugated	2 mm	25 mm
596 1027	Stitcher standard, corrugated	4 mm	35 mm
595 1044	Stitcher, with ball bearing, corrugated	4 mm	35 mm
596 1058	Plastic stitcher, corrugated	4 mm	30 mm
595 1123	Stitcher, with ball bearing, plain surface	12 mm	35 mm



595 1147



595 1154

Needle stitchers

- For perforating cushion gum

Ref. No.	Description	Width	Dia.
595 1147	Needle stitcher	27 mm	50 mm
595 1154	Needle stitcher	46 mm	50 mm

Pincers

- For the easy removal of foreign objects from tyres
- For heaviest duty
- Specially favoured by craftsmen due to precision workmanship
- Extreme wear resistance and good balance



836 8153



836 8160

Ref. No.	Description	Length
836 8153	Pincers	175 mm
836 8160	Pincers	210 mm

B



595 8126



595 4515

Tyre scrapers

- For the thorough cleaning of damaged surfaces, and tyre liners in conjunction with LIQUID BUFFER

Ref. No.	Description
595 8126	Spatula • 60mm
595 4515	Tyre scraper • Especially suitable for profiled inner liners

Cleaning brushes

- For cleaning of buffed surfaces
- Removal of buffing dust in conjunction with a vacuum cleaner



595 4553



824 3041



824 3058



595 0069

Ref. No.	Description
595 4553	Brass-bristled brush • For gentle cleaning of the buffed area
824 3041	Brush wire 5 Row • Multi purpose wire brush. Can be used for cleaning rims
824 3058	Wire scratch brush •
595 0069	Steel-bristled brush, adjustable • Hardness of bristles selectable

Tyre probes

- For verifying damages, course of injuries and removing small foreign objects from the tread



836 5606



836 5620

Ref. No.	Description	Length
836 5606	Tyre Prodder Straight	140 mm
836 5620	Tyre Prodder Bent	140 mm
836 5592	Tyre Prodder Straight (EURO)	
836 5599	Tyre Prodder Bent (EURO)	



836 5592



836 5599

Measuring

Measuring tools

- Accurate measurement of various values on tyre assessment



519 1653



211 5522



211 5567



211 5529



211 5302



211 6715



211 5845



870 2403

RT-10



Ref. No.	Description	Measuring range	Weight
519 1653	Tread depth gauge car, precision ground and lacquered <ul style="list-style-type: none"> • With logo: REMA TIP TOP • Material: brass 	0 - 30 mm	41 g
211 5522	Tread Depth Gauge PCL 1.6mm - TDG16C01 VOSA Approved	1 - 26 mm	
211 5567	Tread Depth Gauge 1.6mm New TDG1E91 <ul style="list-style-type: none"> • This unique tread depth gauge is calibrated to measure the usable tread depth after taking into consideration the minimum legal limit of 1.6mm. A simple and effective tool to assist customers in making the right decision! • Easy to read, it provides accurate measurement of tread 1-26mm and has a handy pocket clip. 	1 - 26 mm	
211 5529	Tread Depth Gauge Pocket GA-190	0 - 25 mm	
211 5302	Tread Depth and pressure gauge - Digital <ul style="list-style-type: none"> • This 3-in-1 Digital Tyre Pressure and Tread Depth Gauge with light is self-calibrating and features a 90 second auto power off. Easy to use, it displays an illegal tyre tread depth warning. The stylish blue light is ideal for working in the dark. 		
211 6715	Tread Depth Gauge Digital DTDG1D04	0 - 25 mm	
211 5845	Tread Depth Gauge OTR	7 - 152 mm	
870 2403	Tread Depth Gauge EM	0 - 150 mm	
RT-10	Tread Depth Gauge, Dial type	0 - 10 mm	



595 8528

Ref. No.	Description	Measuring range
595 8528	Shore hardness tester Shore A <ul style="list-style-type: none"> • Is used for testing the hardness of plastics and rubber in Shore A (soft rubber, elastomers, natural rubber, or soft PVC) • Fast and simple measurement • Provided with an antiglare scale • A handy carrying case protects the meter against dust and damage 	0 - 100 mm

REMA TIP TOP Extruders

- For quick filling when repairing or retreading light truck, truck, agricultural and EM tyres
- Can be used for cushion gum and tread stock qualities
- Please observe the information on the average rubber throughput (in kilogrammes per hour)

B



517 7505

REMA TIP TOP Extruder NORMAL



517 7505

Electric power/ connection	230/550 V/W
Rubber throughput	18 kg/h
Operating pressure	5 - 8 bar
Weight	3.8 kg
Temperature range	0 - 120 °C

Ref. No. Description

517 7505 REMA TIP TOP Extruder NORMAL, pneumatic



517 7512

REMA TIP TOP Extruder GIANT



517 7512

Electric power/connection	230/550 V/W
Rubber throughput	24 kg/h
Operating pressure	5 - 8 bar
Weight	4.5 kg
Temperature range	0 - 120 °C

Ref. No. Description

517 7512 REMA TIP TOP Extruder GIANT

REMA TIP TOP Extruder



517 7608

Electric power/ connection	230/400 V/W
Rubber throughput	6 kg/h
Operating pressure	5 - 8 bar
Temperature range	0 - 120 °C
Weight	



517 7608

B

Ref. No. Description

517 7608 REMA TIP TOP Extruder NAILHOLE, pneumatic

Accessories – REMA TIP TOP extruders

- REMA TIP TOP offers you a wide range of practical accessories for optimum use of your extruders



517 3619



517 4883



517 3767

Ref. No.	Description	Electric power/ connection	Temperature range
517 3619	Heating cartridge/element <ul style="list-style-type: none"> We recommend using heat conducting paste in order to install the electric heating element For use with: <ul style="list-style-type: none"> REMA TIP TOP extruder NORMAL (517 7505) REMA TIP TOP extruder GIANT (517 7512) REMA TIP TOP extruder NAILHOLE (517 7608) 	230/350 V/W	
517 4883	Thermostat, adjustable For use with: <ul style="list-style-type: none"> REMA TIP TOP extruder NORMAL (517 7505) REMA TIP TOP extruder GIANT (517 7512) REMA TIP TOP extruder ELEKTRO (517 7529) 		0 - 120 °C
517 3767	Balancer <ul style="list-style-type: none"> Adjustable from six to eight kilogramme Tension jack with clipper For use with: <ul style="list-style-type: none"> REMA TIP TOP extruder NORMAL (517 7505) REMA TIP TOP extruder GIANT (517 7512) REMA TIP TOP extruder ELEKTRO (517 7529) 		

Accessories – REMA TIP TOP extruders - continued

Ref. No.	Description	Size
Accessories:		
517 4869	Extruder worm For use with: • REMA TIP TOP extruder GIANT (517 7512)	202 x 18 L x W mm
517 3853	Extruder worm For use with: • REMA TIP TOP extruder NORMAL (517 7505)	158 x 15 L x W mm



519 7028

Vacuum cleaner for dust/water

- For removal of dust and water from the tyre

Ref. No.	Description	Intake volume	Length			
519 7028	Vacuum cleaner for dust/water, pneumatic			•	•	

Special tools for tyre handling/regrooving/buffing motors

Regrooving.....	62 – 65
Buffing Motors.....	66 – 67
Mounting Tools & Equipment.....	68 – 71
Lighting.....	72 – 73
Wheel Repair.....	74
Workshop equipment.....	75
Tyre spreaders.....	76 – 77
Bead breakers and pumps.....	78 – 83
Wheel removal.....	84 – 86
Bead Seating Tools.....	86 – 87
Sealing rings and Pump rings for cars, trucks.....	88 – 90
Tyre safety cages and bags.....	90 – 92

C

Outstanding products



Rubber Cut 400

Page 62



Bead Bazooka™

Page 86



Maxi bead breaker

Page 82

Regrooving

RUBBER CUT 400



- Ergonomic design of the handle makes working easier
- 8-step temperature switch on main transformer for different cutting speeds
- Automatic overheating cutout according to DIN 30600
- Insulated cutting head
- Allows fast and accurate regrooving of the tread
- Greater freedom of movement and easy guiding thanks to separation of handle and transformer
- Cutting width with FIX regrooving blades 3 - 28 mm
- Prepared for wall mounting
- Lockable carrying handle
- GS-tested, meets recognized safety standards

Ref. No.	Description	Voltage
564 1127	RUBBER CUT 400, 240 V Scope of delivery: • 1 User's manual	240 V



564 1127

Cutting blade for RUBBER CUT and TYRE CUTTER



- Improved cutting performance and materials
- Long service life
- R Fix = round blade
- W Fix = angle blade



564 2889

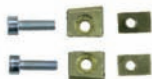
Ref. No.	Description	Cutting width	Cutting depth	Content
564 2700	R Fix 1	3 - 4 mm	max. 7 mm	20
564 2810	R Fix 2	5 - 6 mm	max. 8 mm	20
564 2827	R Fix 3	6 - 8 mm	max. 10 mm	20
564 2834	R Fix 4	9 - 10 mm	max. 14 mm	20
564 2748	R Fix 5	10 - 14 mm	max. 16 mm	20
564 2858	W Fix 1	3 - 4 mm	max. 7 mm	20
564 2865	W Fix 2	5 - 6 mm	max. 8 mm	20
564 2872	W Fix 3	6 - 8 mm	max. 10 mm	20
564 2889	W Fix 4	9 - 10 mm	max. 14 mm	20
564 2896	W Fix 5	10 - 14 mm	max. 16 mm	20
564 2906	W Fix 6	22 - 28 mm	max. 16 mm	10

Special tools for tyre handling/ regrooving/buffing motors

RUBBER CUT RC400 - Spare Parts



564 0946



564 0953



564 4179



564 0915



564 0922



564 0939



564 1017



564 1024

Ref. No.	Description	Length
564 0946	RC 400 cutting head, complete	
564 0953	RC 400 blade holder set	
564 4179	RC 400 allen wrench	
564 0939	RC 400 cable for cutting head	2.5 m
564 0915	RC 400 handle plate set	
564 0922	RC 400 transformer housing, with bottom plate	
564 0984	RC 400 Turning Knob SE04	
564 0991	RC 400 Micro Switch SE30	
564 1000	RC 400 Min/Max Switch SE48	
564 1017	RC 400 Blade Clamp Jaw Left SE34	
564 1024	RC 400 Blade Clamp Jaw Right SE35	
564 4155	Hex allen screws (2)	

RILLFIT 4 - spare parts

Ref. No.	Description	Voltage
564 4014	Rillfit 4 handle plate set (com)	230 V
564 4045	Rillfit 4 connection cable R4	
564 4069	Rillfit 4 multi-switch unit	
564 4021	Rillfit 4 transformer casing (com)	
564 4148	Rillfit 4 blade holder set	



Illustration only

C

Special tools for tyre handling/ regrooving/buffing motors



564 2229



564 4007



564 4052

564 0077

RILLFIT 6

- Hi-tech toroidal power transformer with thermoswitch for safe and powerful non-stop cutting
- Super flexible connection-cable, ergonomic and most operator friendly
- Ergonomic handgrip
- More water resistant transformer casing and high standard temperature preset-switch.
- Additional blade adjustment pattern
- Compatible with existing RILLCUT blades
- TÜV & CE certificated

Ref. No.	Description	Voltage
564 2212	Rillfit 6 Heat Regroover 110volt Scope of delivery: • 1 User's manual	110 V
564 2229	Rillfit 6 Heat Regroover 240volt Scope of delivery: • 1 User's manual	240 V
564 4007	Rillfit 6 Handle Plate Set Complete	
564 4052	Rillfit 6 Connection Cable	
564 4148	Rillfit 6 Blade Holder Set	
564 0077	Rillfit 6 Blade head complete	

Cutting blade for RILLFIT 4 and RILLFIT 6



- Improved cutting performance and materials
- Long service life
- R Fix = round blade
- W Fix = angle blade



Ref. No.	Description	Cutting width	Cutting depth	Content
564 0000	Rillcut Blade R1	3 - 4 mm	max. 7 mm	20
564 0007	Rillcut Blade R2	5 - 6 mm	max. 8 mm	20
564 0014	Rillcut Blade R3	6 - 8 mm	max. 10 mm	20
564 0021	Rillcut Blade R4	9 - 10 mm	max. 14 mm	20
564 0028	Rillcut Blade R5	10 - 14 mm	max. 16 mm	20
564 0035	Rillcut Blade W1	3 - 4 mm	max. 7 mm	20
564 0042	Rillcut Blade W2	5 - 6 mm	max. 8 mm	20
564 0049	Rillcut Blade W3	6 - 8 mm	max. 10 mm	20
564 0056	Rillcut Blade W4	9 - 10 mm	max. 14 mm	20
564 0063	Rillcut Blade W5	10 - 14 mm	max. 16 mm	20
564 0070	Rillcut Blade W6	22 - 28 mm	max. 16 mm	10



564 1155

Regroover Blade Depth Gauge

Ref. No.	Description
564 1155	Regroover Blade Depth Gauge • A simple device for setting the correct cutting depth for regrooving blades. Shown in the Michelin Regroove Brochure for Michelin truck tyres.

Special tools for tyre handling/ regrooving/buffing motors

RUBBER CUT STATION



- Tool stand and gauge for easy regrooving of truck tyres 17.5" - 24.5"
- Tyres can be regrooved on or off their rims
- Efficient working and loading/unloading of the tyres
- Low space requirement, secure holding of tyres
- Integrated setting gauge
- One roller is equipped with a brake preventing accidental tyre rotation
- Equipped with two castors for moving around workshop
- Rubber Cut tool not included in standard shipment

518 3719

Tyre width	max. 500 mm
Size	1100 x 1100 x 1150 L x W x H mm
Weight	approx. 40 kg



518 3719

Ref. No. Description

518 3719 RUBBER CUT STATION ECO

Scope of delivery:

- 1 Base plate with castors
- 2 Fixed bars
- 2 Adjustable bars
- 1 Frame with trays
- 2 Gauges for setting the cutting depth
- 1 User's manual

INVERTER and cables

- Inverters convert the energy stored in one or more batteries into a constant 230 V or 110 V AC voltage. Unlike generators there is no noise, no fuel requirement making them ideal for use in confined areas. Inverters are an ideal power source for Rubbercut Regroovers, work lights and power tools. In order to determine the model required you should check the output of an appliance (Watts), then correlate this to an Inverter capable of giving you the equivalent or more continuous power output.



870 5118

Ref. No.	Description	Voltage
870 5118	Inverter 500W	12 V - 110 V
870 5125	Inverter 500W	12 V - 240 V
870 5132	Inverter 1000W	12 V - 240 V
870 5147	Inverter Cable 2m	110 V
870 5154	Inverter Cable 15m	110 V
870 5167	Inverter Cable 25m	110 V



870 5147
870 5154
870 5167

Buffing Motors



595 1264



595 1355



595 0485



595 0409



595 0492



595 0416



595 0911

Special buffing motors

- High-quality motors for driving shafts – long-term tried and tested
- Modern, user-oriented motor technology for long life and improved safety
- High torque
- Safety switch on the shaft hand piece
- Motor brake prevents after-running of the tool – providing improved safety at work
- Optional adapters for different shafts available
- With suspension which can be integrated into existing carrying/rail systems

	595 1264	595 1271	595 1355
Rotating speed	1400 rpm	2800 rpm	0-3000 rpm
Voltage	220/240 V	220/240 V	220/240 V
Power	1.1/1.5 kW/HP	1.1/1.5 kW/HP	0.75 kW/HP
Shaft	W 15	W 15	W 15

Ref. No.	Description	Length
595 1264	Buffing motor, low-speed Scope of delivery: • 595 1305 1 Safety switch for shaft hand piece	
595 1271	Buffing motor, high-speed Scope of delivery: • 595 1305 1 Safety switch for shaft hand piece	
595 1355	Buffing motor VARIO Power 3000	

Accessories:

595 0485	Flexible shaft W 12, rubber cover	approx. 2000 mm
595 0409	Flexible shaft W 12, metal cover	approx. 2000 mm
595 0492	Flexible shaft W 15, rubber cover	approx. 2000 mm
595 0416	Flexible shaft W 15, metal cover	approx. 2000 mm
595 0399	Spare inner shaft For use with: • Flexible shaft W 12	
595 0430	Spare inner shaft For use with: • Flexible shaft W 15 (595 0492) • Flexible shaft W 15 (595 0416)	
595 0911	Spare rubber cover For use with: • Flexible shaft W 12 (595 0485)	
595 0928	Spare rubber cover For use with: • Flexible shaft W 15 (595 0416) • Flexible shaft W 15 (595 0492)	
595 0461	Spare aluminium handpiece for shaft: • Flexible shaft W 15 (595 0416) • Flexible shaft W 15 (595 0492)	

Special tools for tyre handling/ regrooving/buffing motors

Ref. No.	Description
595 0928	Spare rubber cover For use with: <ul style="list-style-type: none"> Flexible shaft W 15 (595 0492)
595 0461	Spare aluminium hand piece For use with: <ul style="list-style-type: none"> Flexible shaft W 12 and W 15
595 1374	Adapter For use with: <ul style="list-style-type: none"> Flexible shaft W 15 to shaft connection W 12 (motor) Buffing motor, Vario Speed (595 1350)
595 1381	Mobile stand universal For use with: <ul style="list-style-type: none"> Buffing motor, low-speed (595 1264) Buffing motor, high-speed (595 1271) Buffing motor, two-speed (595 1288) Buffing motor, Vario Speed (595 1350)
595 1305	Safety switch Scope of delivery: <ul style="list-style-type: none"> 1 Connector For use with: <ul style="list-style-type: none"> Shaft hand piece



595 1381



595 1305

STUD GUN AS9

- Stud gun for manual operation. Used for the insertion of single-flange studs into car tyres. Used with stud sizes: Ø8, from a length of 10 mm. Needs compressed air 7-8 bar. Weight 1.5 kg.

Ref. No.	Description
585 5652	Ice Stud Gun AS-9
811 1159	Ice Stud No11 (1000)
811 1166	Ice Stud No12 (1000)
811 1173	Ice Stud No13 (1000)
811 1180	Ice Stud No14 (1000)
811 1197	Ice Stud No15 (1000)



585 5652

Mounting tools and equipment

Tyre and mounting levers



Ref. No.	Description	Dia.	Length
870 2300	Lever Tyre TTL1	3/4"	34"
870 2915	Lever Tyre TTL2	7/8"	30"
870 2214	Lever Tyre TTL3	7/8"	30"
870 2166	Lever Tyre TTL4 Flat	1" x 1/2"	34"
870 2795	Lever Tyre TTL5	7/8"	37"
870 2283	Lever Tyre TTL6	3/4"	39"
870 2324	Lever Tyre TTL32		18"
870 3251	Lever Tyre TTL37		12"
870 3268	Lever Tyre TTL37		18"
870 2331	Lever Tyre TTL38		22.5"
870 2207	Lever Tyre TTL40		19.5"
870 2757	Lever Tyre TTL45		19"
870 2197	Lever Tyre TTL50		23"
870 2290	Lever Tyre TTL55		15.25"

Special tools for tyre handling/ regrooving/buffing motors

Tyre and mounting levers



870 2807



870 2142



870 2984



870 2393
870 2544
870 2159



870 2317



870 2991

C

Ref. No.	Description	Dia.	Length
870 2807	Lever Tyre TTL65	3/4"	7"
870 2142	Lever Tyre TTL81A	3/4"	21.5"
870 2984	Lever Tyre TTL85	1" x 1/2"	9"
870 2393	Lever Tyre TTL88	7/8"	9"
870 2544	Lever Tyre TTL90	3/4"	12"
870 2159	Lever Tyre TL95		20"
870 2317	Lever Tyre TTL100	7/8"	130"
870 2991	Lever Tyre TTL105 - Earthmover tyre lever		38.5"

Tyre changing bar



Ref. No.	Description	Length
870 2307	Lever Tyre changing bar - TCB1 • Mount-de-Mount bar ball and claw	41"
870 2180	Lever Tyre changing bar - TCB2	20"



870 2307



870 2180

Ken-Tool tubeless tyre lever



Ref. No.	Description	Length
870 2348	Lever Tyre Ken-Tool 45A	37"



870 2348

Special tools for tyre handling/ regrooving/buffing motors

Tyre levers, wide base, super single rims



519 9071



519 6964



519 6940



519 6971



570 0200

Ref. No.	Description	Length
519 9071	L tyre lever	940 mm
519 6964	M tyre lever	940 mm
519 6940	K tyre lever	970 mm
519 6971	R tyre lever	970 mm
BU5974	Special tyre lever for trucks For use with: • UNIMONT 16.5 - 24.5 EVO • PROMONT B 924/956/957/958	



Tyre and mounting levers



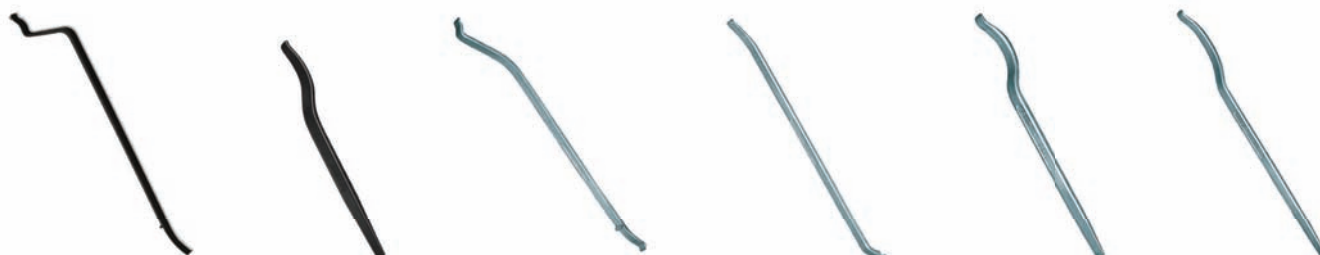
Type 1:

- Double T-profile for high stability
- Chrome-vanadium steel

Ref. No.	Description	Length
840 0406	Lever Tyre Chrome-V	150 mm
840 0413	Lever Tyre Chrome-V	200 mm
840 0420	Lever Tyre Chrome-V	300 mm
840 0437	Lever Tyre Chrome-V	400 mm
840 0444	Lever Tyre Chrome-V	500 mm
840 0451	Lever Tyre Chrome-V	600 mm
840 0482	Lever Tyre Chrome-V 652 Hazet	600 mm

Special tools for tyre handling/ regrooving/buffing motors

Michelin type tyre levers



519 9047

519 9033

519 9040

870 2898

870 2960

519 9026

C

Ref. No.	Description	Length
519 9047	Tyre lever HYOCA For use with: • Motorcycle wheels	380 mm
519 9033	Tyre lever FUSIL For use with: • Car wheels	380 mm
519 9040	Tyre lever HYUDE For use with: • Low-profile tyres (double x)	990 mm
870 2898	Tyre lever HALTE For use with: • Tubeless truck tyres	800 mm
870 2960	Tyre lever FACE For use with: • Tubeless tractor and truck tyres	530 mm
519 9026	Tyre lever FORCE For use with: • Tubeless tractor and truck tyres	750 mm

Heel Bars

Ref. No.	Description
870 2355	Lever Bar HB 18 Heel
870 2953	Lever Bar HB 16 Heel



870 2355
870 2953

Lighting

LED Lighting

- The right light for every job



595 2799



595 2890



LED28



595 2771

Ref. No.	Description	Electric power/ connection	Lumens	Watt					
595 2799	DUALBRITE Rechargeable LED inspection Light <ul style="list-style-type: none"> • Push up telescopic design • 3 light modes: 30 LED / 5H on 30 LED / 4h on 6 & 30 LED • Anti-slip rubberized housing • Incorporated magnetic base • Shock, water and oil resistant • Battery charging LED indicator 		80		•	•	•		
595 2890	LED Flexi Torch <ul style="list-style-type: none"> • Flexible LED torch • complete with 3 button cell batteries • Features On/Off switch • Brilliant white LED • Ideal for automotive workshop, electronics computer 								
LED28	LED28 Cordless 28 LED Rechargeable Inspection Lamp <ul style="list-style-type: none"> • Robust housing with bumper ring incorporating 28 super bright LEDs. • Spring loaded gripper and hanging loop for easy positioning. • Rocker switch offers high or low output. • Ideal for use in engine bays, under body inspection and low-light work areas. • Operates for up to seven hours. • Incorporates LED charging indicator. 				•	•	•		
595 2771	High-Luminance 96 LED Hand Light <ul style="list-style-type: none"> • 96pcs high-luminance 5mm LED • 3pcs rechargeable AA, 1.2V 1800mAH Ni-MH batteries • AC home and 12V DC car chargers • Strong magnet in back and hanging hook on the top • Charging base • Amber or transparent cover for choosing • 3 settings: high bright/low bright/off, elasticity of rubber coating, overcharge resistant, charging indication 	AC home and 12V DC car charger			•	•	•		

Special tools for tyre handling/ regrooving/buffing motors

Lighting



Electric
power/
connection

Watt

Ref. No.	Description	Electric power/ connection	Watt			
595 3004	Tyre inspection lamp, with holder For use with: • Tyre widths from 5.5 to 18"	220 V		•	•	•
61302	Lamp Inspection Vapour Proof ML25/WP • 24W/12V	24W/12V	24	•	•	•
BED4801	Transformer (Single Hand Lamp 12V 36W)					
55949	Rechargeable lantern • Weatherproof composite spotlight with swivel handle feature allowing pistol grip or carry handle operation. • Integral foot doubles as carry handle when used in pistol grip mode. • Ø110mm Lens with halogen bulb produces 1-million candlepower of intense light, suitable for a variety of industrial, domestic and leisure applications. • Supplied with sealed 6V 4Ah battery, in-vehicle charger and 230 - 6V battery charger pack.	230 V	8	•	•	•
56612	Torch Krypton Bulb 6 Volt • Handy 6V torch with impact-resistant ABS housing and krypton bulb. The krypton bulb is 70% brighter than a conventional bulb making the torch extremely useful in many situations. The torch is water-resistant. Weighs only 896g (without battery).	6 V		•	•	•

C

Wheel Repair

EASY ROUND Wheel Straightener



- The EASY ROUND wheel straightening device checks for concentricity and possible micro-fractures in the wheel rim; and repairs the inner wheel rim within 11 minutes.
- **Note: 85% of cases of wheel damage occurs to the inner rim. In almost all cases where damage has occurred to the outer rim, the wheel must be scrapped - not repaired!**
- EASY ROUND is portable and simple to operate; it takes up very little space and can even be mounted on your tyre changer; it requires no external power source (such as air or electricity) and has no over-heads or maintenance costs.
- EASY ROUND is manufactured in Italy, utilising high quality materials, such as Avional and Ergal. EASY ROUND carries a full 1 year guarantee, with an optional 2 year extended-warranty, it is internationally patented and conforms to European safety standards.

TEMA1

Length	300 mm
Height	370 mm
Depth	300 mm
Weight	23,5 kg
Range of work	Wheels from 13" to 18"(19"-22" with additional tools kit)
Work pressures	0-400 bar

Ref. No. Description

TEMA1 EASY ROUND Wheel Straightener

Scope of delivery:

- Hydraulic stoke : 25,4mm
- Cylinder : 9 cm
- 4 Adaptors included : 1cm, 2,5cm, 5,0cm, adjustable 8,7cm – 12,5cm
- Manual hydraulic foot pump included
- Case included

TEMA1A Tool kit 19" - 22"

Scope of delivery:

- Hydraulic stoke : 25,4mm
- Case included



Special tools for tyre handling/ regrooving/buffing motors

Workshop equipment

Tyre transport



- For easy lifting and unloading whole stacks of tyres/wheels
- The pick-up fork which opens and grabs the tyre avoids damaging the rim or bead
- The adapter console is located by the pick-up fork and thus adjusted properly
- Different wheels available (not included in standard shipment)



(Tyres not included)

	518 3520
Stack width	1500 mm
Size	850 x 600 x 1530 L x W x H mm
Weight	17 kg

Ref. No.	Description
518 3520	Tyre CADDY
	Accessories:
518 2899	Solid tyres, 250/60-130 For use with: • Tyre CADDY (518 2875)
558 3436	Replacement springs
518 2882	Pneumatic Tyres/Wheels (2)

Wheel Dolly



Ref. No.	Description
518 4841	Wheel Dolly <ul style="list-style-type: none"> • Wheel dolly – roll, lift, twist, lower • Easy installation and de-installation of truck wheel assemblies • 1 man control • Heavy-duty industrial bearings • 3 positions for rollers depending on size of wheel • Great tool for every service truck • Avoid damage to wheel bolts and expensive modern rims • For all wheels from 6,5 – 22,5"



518 4841

Ram-rod WHEEL RITER



518 4806

- The wheel-riter allows a user to safely lift a commercial vehicle tyre and wheel of up to 120 Kg into an upright position whilst minimising the risk of injury.
- Simple folding handle and hinged triangular plate enables safe workplace lifting techniques to be employed, thus reducing the risk of operator injury.
- Suitable for all 22.5" wheels – especially 'Super-Singles'.
- Operator maintains a safe & comfortable stance outside of the wheel/tyre circumference during all stages of the lift.
- Unique Fulcrum Assembly locates in stud holes to provide maximum lifting force.
- Pivot handle allows full lever action.
- Folds flat for easy storage. (1250 X 255 X 75mm). Weighs 8.8Kg.
- Tough painted finish.

Ref. No.	Description
518 4806	Ram-rod WHEEL RITER

Special tools for tyre handling/ regrooving/buffing motors

Tyre spreaders

- Tyre spreaders for preparing the inspection and repair of truck and car tyres

- High stability and strength
- Easy operation

- Wide spreading range
- Suitable for very stiff beads



595 2988



311 4357



519 8780



519 9222



519 9181

Ref. No. Description

595 2988 Tube tensioner

- Holds the tube and provides a smooth base for processing
- Spreads car and motorcycle tyres
- Can be mounted on work bench



311 4357 Tyre Spreader Bench Car

- Single Handled tyre inspection car and van tyres



Ref. No.	Description	Spreading range	Weight	Operating pressure	Tyre size	Spreading force				
519 8780	Truck tyre spreader, with clamping mechanism Scope of delivery: • 581 0030 1 Instruction manual	50 - 600 mm	4.4 kg				•	•		
519 9222	EM tyre spreader, with clamping mechanism Scope of delivery: • 581 0190 1 Instruction manual	100 - 530 mm	9.0 kg						•	•
519 9181	EM bead spreader, hydraulic • Hydraulic bead spreader for EM tyres with stiff beads • Pump not included in standard shipment For use with: • Hand/foot pump, hydraulic (519 1512) • Foot pump, pneumatic-hydraulic (519 1529), (519 1719)	200 - 1150 mm	42 kg	500 bar	20 - 57 inch	5.5 t				•



517 0777
(Tyre, lamp and base plate not included)

REP BOY tyre spreader



- Tyre spreader for preparing the inspection and repair of car and motorcycle tyres
- The tyre can be inspected and prepared inside and outside
- Comfortable working height

- The tyre can be turned and inclined into the perfect working position (patented mechanism)
- Integrated tray for tools and materials
- Halogen lamp and base plate not included

Ref. No. Description

Weight

517 0777 REP BOY tyre spreader, mechanical

26 kg

Accessories:

517 0784 Base plate

14 kg

For use with:

- REP BOY tyre spreader (517 0777)

Special tools for tyre handling/ regrooving/buffing motors

REPMAT tyre spreader



- Tyre spreader for preparing the inspection and repair of car and truck tyres
- Compact, light weight construction
- Operating pressure controlled by hand lever
- The tyre is rolled into position up a detachable ladder
- Comfortable working height

REPMAT (Tyre not included)



Ref. No.	Description	Working height	Overall height	Operating pressure	Weight	Size
518 3506	REPMAT tyre spreader, pneumatic	510 mm	700 mm	10 bar	45 kg	800 x 500 W x H mm

Tyre lift spreader



- For preparing the inspection and repair of tractor, truck, EM/OTR and industrial tyres
- For changing tubes and flaps and for similar work
- Extremely low roll-on height (200 mm), spreader cylinder with hand and foot control
- Enough space for the feet to be safe from injury
- Pneumatic system lifts the tyre to the desired working height
- Pneumatically controlled opening of the spreader claws
- Designed for one-man operation

519 9198

Tyre size	max. 18R22.5 inch
Lifting capacity at 12 bar	approx. 200 kg
Lifting capacity at 15 bar	approx. 300 kg
Lifting height	max. 450 mm
Size	1150 x 780 x 900 mm W x D x H
Weight	160 kg



519 9198

Ref. No.	Description
519 9198	Tyre lift spreader SUPER

Tyre Stool

- This heavy duty tyre stool comprises of profiled discs of various diameters for centralising the work piece.
- The legs are fabricated from RHS steel and the unit can be free standing or bolted to the workshop floor.

Ref. No.	Description
311 1044	Tyre Stool



311 1044

Tyre Bath

- For identifying the location of punctures or bead leaks in car tyres or inner tubes.

Ref. No.	Description
870 3158	Tyre Bath



870 3158

C

Bead breakers and pumps

Ram-rod ALL-RIM bead breaker



518 4778

Ram-rod All-rim bead breaker provides an easy, quick, safe and reliable method of breaking the bead on truck tyres, especially EVA wheels.

Based on simple but effective design principles it utilises up to 6 tonnes of pressure to gently break the bead on the most stubborn of tyres in seconds – takes only seconds to fit and operate, has no 'screw down drive' and does not require an air supply.

The 'All-rim' attaches to the wheel using a single-pin fixing plate which provides a stable operating platform and for releasing the bead on the other side of the wheel or for applications where the hub is below the rim level – there is the optional Ram-rod Adaptor Bar.

- Especially suitable for EVA wheel rims.
- Gently breaks the bead on the most stubborn of tyres.
- Simple, safe and reliable.
- Takes only seconds to fit and operate.
- Does not use a 'screw down drive'.
- Does not require an air supply.
- Angled geometry ensures the tyre bead is pushed down parallel to wheel rim wall.
- Sculptured & polished foot plate is kind to tyre walls.
- Single pin fixing gives a stable operating platform.
- Fully portable (only weighs 23Kg)
- Comes with painted & plated finish.
- Comes with FREE 6 tonne Bottle Jack.
- Optional Adaptor Bar for satisfying all wheel configurations.
- Optional Protector Plate with Vulcanised rubber surface to protect alloy wheels.

Opening width

Operating pressure

Weight

518 4778

mm

up to 6 tonnes

23 kg



518 4785

Ref. No. Description

518 4778 Bead Breaker Ram Rod All-Rim

- The EVO ALL-RIM bead breaker is an easily de-mountable handheld tool to allow the rapid and safe removal of a truck tyre from its associated wheel rim.

518 4785 Bead Breaker Ram Rod All-Rim Adaptor Bar

- The adaptor bar enables the user of our AllRim Bead Breaker, or any earlier version of the ram-rod bead breaker, to operate the machine on the reverse side of a truck wheel rim, or if the hub face is not either level with the outer rim edge or proud of the rim edge. The bar bridges across the rear rim face and provides a strong and stable platform to enable operation of the bead breaker even where conventional mounting is compromised.

518 4792 Bead Breaker Ram Rod All-Rim Protector Plate

870 4992 Ram Rod 6 tonne Jack

Special tools for tyre handling/ regrooving/buffing motors

Gaither Bead Vice



518 4701



518 4708



518 4722

Ref. No.	Description
518 4701	<p>Gaither Bead Vice</p> <ul style="list-style-type: none"> Gaither's Bead Vice is a patented product that was designed to accommodate the new EVA wheels that first appeared in Europe several years ago. The trend in Europe, and recently throughout the world, has been to move towards using disc brakes on all large commercial vehicles. These disc brakes require a special wheel assembly that allows for more cooling and protection for the valve stem. These wheels are referred to as the EVA (external valve assembly) or "Hump" wheels. To protect the valve stem, a "hump" was built just inside the flange of the wheel making it impossible to break the bead loose from the wheel, and therefore dismounting the tyre without the help of the Bead Vice. The patented Bead Vice quickly and safely breaks the bead free on all new EVA wheels.
518 4708	<p>Lubricant Super Slick EM</p> <ul style="list-style-type: none"> Simply apply Super Slick'em between the tyre and wheel before deflating. After the tyre is completely deflated, attach the Bead Vice to a stud hole on the wheel, and turn the bolt with a 32mm socket until the base plate forces the tyre down past the hump of the wheel.
518 4722	<p>BVA3 Bead vice adaptor</p> <ul style="list-style-type: none"> The Bead Vice Adaptor (BV-A3) is available for those wheels that have the hump on both sides, therefore requiring both beads to be pushed down before being dismounted. The Bead Vice Adapter allows the Bead Vice to be used on all sizes of truck tires, including 17.5" and 19.5". It is also required for super singles.

EVA Bead Breaker

- This tool has been developed specifically to displace the tyre bead on EVA, EVH, Actros and other commercial vehicle wheels which have an internal rib. However it may also be used to displace the tyres on all commercial wheels to which it may be correctly fitted by experienced or properly trained tyre fitters.
- The EVA Bead Breaker can be used with an air wrench or hand spanner to give over five tons of force. Even the toughest tyre can be displaced quickly and easily.



518 4715

Ref. No.	Description
518 4715	EVA Bead Breaker

Special tools for tyre handling/ regrooving/buffing motors



518 4550

Bead Buster

- Portable Bead Breaker, simple action can be operated by hand or ratchet wrench, suitable for car, Truck, Tractor and agricultural implements. The bead buster has a maximum breaking force of 10 tons.

Ref. No.	Description
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518 4550	Bead Buster (Cheata)
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518 4557	Bead Buster Handle (Cheata)
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311 1051

Bead Breaking Equipment

Ref. No.	Description
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311 1051	Single Pole Bead Knocker
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- | |
|--|
| <ul style="list-style-type: none"> • Bead breaker with heavy duty, strengthened construction for a longer life. • Overall length Closed: 37" Open: 61" |
|--|



311 1037

311 1037	Commercial Bead Knocker
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- | |
|---|
| <ul style="list-style-type: none"> • Double handled bead breaker with heavy duty, strengthened construction for a longer life. • Overall length Closed: 38" Open: 62" |
|---|



311 1147

311 1147	Hand Bead Breaker BBO Long
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- | |
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| <ul style="list-style-type: none"> • Chisel type bead breaker with plastic grip handle. • Length 20" |
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311 1288

311 1288	Hand Bead Breaker BBO Short
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- | |
|--|
| <ul style="list-style-type: none"> • Chisel type bead breaker with plastic grip handle. • Length 10" |
|--|

Bead breaking mount and demount tools

Ref. No.	Description
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875 9346	Bead Wedge
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- | |
|--|
| <ul style="list-style-type: none"> • The Bead Wedge is profiled from high grade steel and is designed to assist in the removal of a tyre from the rim. • It is placed on the bead of the rim whilst using the tyre levers to work around the rim removing the tyre. • The wedge prevents the tyre from slipping back onto the rim in the process. |
|--|



875 9346

875 9339	Bead Keeper - 3rd Hand Rubberhead
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- | |
|---|
| <ul style="list-style-type: none"> • Gaither's Beadkeeper is the original tool for assisting in the mounting process. Being made of drop-forged steel, the Beadkeeper simply locks onto the flange of the wheel and holds the tyre bead in place to eliminate standing on the tyre and/or chasing the bead around the wheel. |
|---|



875 9339

Special tools for tyre handling/ regrooving/buffing motors

OTR/EM bead breaker



Ref. No. Description

519 1812 Shuttle 8 Hydraulic Bead Breaker

- An EM (OTR) bead breaker for use on EM rims with pry bar or bead loosening pockets. 8cm approx. bead push moves the toughest tyres.

Scope of delivery:

- Supplied complete with interchangeable "feet" and 2 double ended "wedges" for holding open the gap while repositioning the tool.
- This tool requires an air operated hydraulic pump.



519 1812

C

Pneumatic Bead Breaker



- GTABB-01 Pneumatic Bead Breaker recommended for Agricultural, OTR & most truck tyres. Gaither's new patented bead breaker with air regulator is extremely fast and easy to use without risking bead damage.
- Bead Break comes in hard, sturdy, carrying/storage case. Maximizes floor/storage space for service trucks and tires shops because the GTABB-01 does not require a hydraulic pump. Works on ATV, passenger, light truck, semi and agricultural tires.



519 3926

Ref. No. Description

519 3926 Pneumatic Bead Breaker

- Pneumatic Bead Breaker recommended for Agricultural, OTR & most truck tyres.

EM mounting set



- Suitable for demounting and mounting EM tyres, also on the vehicle
- The mounting set is used to press off the rings of multi-piece rims
- For mounting, the breaking cylinder is put against the vehicle frame and the tyre is pressed off the rim by the rear flange ring
- The mounting set can also be used in case of inflation problems
- The flange ring is then pressed against the sealing ring/tyre bead until the tyre is sufficiently pressurized

Ref. No. Description

519 1581 EM mounting set, 25" - 38"

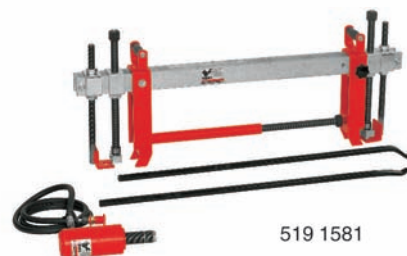
- Base frame in wooden box, without pump

Scope of delivery:

- 1 Breaking cylinder
- 2 Threaded spindles with claw (440 mm)
- 2 Threaded spindles with bracket (400 mm)
- 2 Tyre levers, different length
- 1 Spanner

Size

1200 x 500 x 220
mm L x W x H



519 1581

Special tools for tyre handling/ regrooving/buffing motors

Bead breakers from AME International



• Powerful bead breakers backed by proven technology

• Safe handling of all units



519 1712



519 1777



519 1763



519 1805



519 1819



519 1826



519 1726



519 1833



519 1840

Ref. No.	Description	Electric power/ connection	Weight	Breaking force	Max. operating pressure	Max. tyre dimension
519 1712	Combi bead breaker • Designed for two and three-piece wheels Agricultural wheels For use with: • Wheels up to 25"	700 bar	15.5 kg	12 tonne	700 bar	
519 1777	Combi bead breaker, modified • Improved claw allows tool to easily clamp onto wheel • Specially designed for three-piece OTR/EM wheels For use with: • Wheels up to 25"	700 bar	17 kg		700 bar	
519 1763	OTR bead breaker For use with: • Five-piece wheels from 25" to 51"	700 bar	14.5 kg		700 bar	
519 1805	Maxi bead breaker, aluminium • The MAXI-LEM can be used on the inner and outer beads of earthmover tyres that have 3 piece rims up to 29".		18.5 kg	4536 kg	700 bar	29"
519 1819	Mini bead breaker, aluminium • The MINI-LEM can be used on the inner and outer beads of all types of tyres up to 24": trucks, combine harvesters and tractors up to 150 HP.		8.5 kg	2830 kg	700 bar	24"
519 1826	Micro bead breaker, aluminium • Detaches inside and outside truck and tractor tyre beads from rims with 2 cm extension with magnet and 4 cm piston stroke.		4.8 kg	2830 kg	700 bar	All types of rims with low edge
519 1705	Combi Tyre Bead Breaker Kit • Comes with Combi Bead Breaker (519 1712) • 5 QT Air Hydraulic Pump with Steel Reservoir • Comes with standard 8' Hydraulic Hose with coupler (519 1726).	Breaker Pump	15.5 kg 10.4 kg	11 tonne	700 bar	29"
519 1726	Hydraulic hose					
519 1833	Coupling 3/8" Male High Flow Hose Half					
519 1840	Coupling 3/8" Female High Flow Ram Half					

Special tools for tyre handling/ regrooving/buffing motors

Pumps from AME International



- Powerful, easy to use EM/OTR pumps
- Universal connection means that only one pump is required for all units



519 1512

	519 1512	519 1719
Operating pressure	700 bar	700 bar
Size	520 mm	
Weight	5.7 kg	10.4 kg

Ref. No. Description

- 519 1512 Hand pump**
- An alternative to the pneumatic-hydraulic foot pump
 - Designed for field use with no air supply – permitting flexible use
- For use with:**
- All AME bead breakers, bead breaking cylinders and lifting jacks

- 519 1719 Foot pump, air-hydraulic**
- For use with:**
- All AME bead breakers, bead breaking cylinders and lifting jacks



519 1719

Bead Breaking Hydraulic Rams



- Used to break rear beads on 5 piece wheels
- Removable plunger adapter allows the use of a variety of threaded attachments
- A must have for OTR wheel and tyre service.



519 1770



519 1677



519 1622



519 1684

	519 1770	519 1677	519 1622	519 1684
Capacity	10 t	10 t	10 t	10 t
Stroke	2 -1/8" (5.4 cm)	4" (10.5 cm)	6-1/8" (15.57 cm)	8" (20.32 cm)
Retracted height	4-3/4" (12.1 cm)	6-3/4" (17.14 cm)	9-3/4" (24.77 cm)	11-3/4" (29.84 cm)

Ref. No. Description

- 519 1770** Bead Breaking Ram
- 519 1677** Bead Breaking Ram
- 519 1622** Bead Breaking Ram
- 519 1684** Bead Breaking Ram

Wheel removal



519 1536

Hydraulic Wheel Remover

Ref. No.	Description
519 1536	Hydraulic Wheel Remover



311 1075

Commercial Slide Hammer

Ref. No.	Description
311 1075	Commercial Slide Hammer • For removing commercial wheels.



550 7412

Commercial/Truck Wheel Fitting Mat

Ref. No.	Description
550 7412	Commercial/Truck Wheel Fitting Mat (Rubber) 915mm x 1000mm • Rubber mat ideal for laying commercial wheels on to prevent rim damage when removing from the vehicle.

Wheel Breaker Kit



- This kit eliminates one of the most dangerous jobs within the tyre service industry
- Wheel removal + (Alloy and light steel wheels are often literally frozen (glued) to the vehicle)



518 4855

	518 4855
Lifting capacity	10 t
Cylinder movement	900 mm
Weight	18.5 kg

Ref. No.	Description
518 4855	Wheel Breaker Kit - 10 Ton Scope of delivery: • Hydraulic stroke : 25,4mm • Cylinder : 9 cm • 4 Adaptors included : 1cm, 2,5cm, 5,0cm, adjustable 8,7cm – 12,5cm • Manual hydraulic foot pump included • Case included

Special tools for tyre handling/ regrooving/buffing motors

Hydraulic body repair kits



37874



37875

Ref. No.	Description	Pump unit
37874	<p>Hydraulic body repair kit</p> <ul style="list-style-type: none"> • For use in the garage or bodyshop. <p>Contents:</p> <ul style="list-style-type: none"> • (A) 5 x Extension Bars 495, 420, 215, 100 and 85mm • (B) Serrated Cap • (C) Hydraulic Spreading Wedge • (D) Rubber Head 60mm diameter • (E) Flat Serrated Base • (F) Ram Toe • (G) Plunger Toe • (H) Cleft Head • (J) "V" Base • (K) Double End Male Snap Connector • (L) 4 Tonne Pump Unit and Hose • (M) Hydraulic Push Ram - length 330mm <ul style="list-style-type: none"> • Packed in sturdy steel case with styrofoam insert. 	4 tonne
37875	<p>Hydraulic body repair kit</p> <ul style="list-style-type: none"> • For use in the garage or bodyshop. <p>Contents:</p> <ul style="list-style-type: none"> • (A) 4 x Extension Bars 685, 455, 250, and 100mm • (B) Serrated Cap • (C) Hydraulic Spreading Wedge • (D) Rubber Head 80mm diameter • (E) Flat Serrated Base • (F) Ram Toe • (G) Plunger Toe • (H) Cleft Head • (J) "V" Base • (K) Double End Male Snap Connector • (L) 10 Tonne Pump Unit and Hose • (M) Hydraulic Push Ram - length 470mm <ul style="list-style-type: none"> • Packed in sturdy steel case with styrofoam insert. 	10 tonne

Bead Seating Tools

BEAD BAZOOKA - BB06L



- Gaither's revolutionary Bead Bazooka™ combines the unique rapid air release technology and easiest-to-handle tank for seating tubeless tyre beads. Simply fill the tank, aim the redesigned Double Barrel, and FIRE!!
- The instantaneous blast of air from the **6 litre** tank will work on truck (including super singles), passenger, motorcycle, ATV and small AG tires.

Some of its features:

- Most powerful automatic release system available in any bead-seating device
- Smaller tank allows for easier handling in shop and service truck
- Light weight (5,5 kg) reduces stress on the technician
- Push-button trigger allows technician to keep both hands on the tank for more control, making safer than manual release tanks•
- Slotted" Double Barrel directs the air for best overall lift
- Fully CE & ASME certified
- Patent-pending design, patent-pending RAR system and registered trademark



519 3919

Ref. No.	Description
519 3919	Bead Bazooka™ BB06L

XL BEAD BAZOOKA - BB9XL



- Gaither's Bead Bazooka combines the unique rapid air release technology and easiest-to-handle tank for seating tubeless tyre beads. Simply fill the tank, aim the redesigned Double Barrel, and FIRE!!
- The instantaneous blast of air from the **9 litre** tank will work on Agricultural tires, truck (including super singles), passenger, motorcycle, ATV and small AG tires.

Why Gaither's Bead Bazooka™ (#BB9XL)?

- Most powerful automatic release system available in any bead-seating device
- Smaller tank allows for easier handling in shop and service truck
- Light weight (6.5kg) reduces stress on technician
- Push-button trigger allows technician to keep both hands on the tank for more control, making safer than manual release tanks
- "Slotted" Double Barrel directs the air for best overall lift
- Fully TUV, CE & ASME certified
- Patent-pending design, patent-pending RAR system and registered trademark
- Safety valve set at 10 Bar



519 3933

Ref. No.	Description
519 3933	Bead Bazooka™ BB9XL

Special tools for tyre handling/ regrooving/buffing motors

Truck Tyre Filler, standard



- Correct bead seating is no longer a problem by means of the contact free air blast between tyre and rim. The Truck Tyre Filler can be used to inflate Truck Tyres in both a horizontal or vertical position.
- The tool is light in weight, tank capacity 18 Ltr, 10 bar.

Ref. No.	Description
519 3905	Truck Tyre Filler, standard
519 3612	Ball Valve 1/2" F x 1/2" F
519 3630	Truck Tyre Filler Gauge (Oil Filled)
519 3675	Truck Tyre Filler Gauge
519 3651	Truck Tyre Filler Valve Small
519 3668	Truck Tyre Filler Valve Large
518 4757	Truck Tyre Filler Air Inlet Elbow
518 4771	Truck Tyre Filler Bushing Valve
519 3658	Truck Tyre Filler 8 Bar Relief Valve
518 4764	Truck Tyre Filler 10 Bar Relief Valve
518 4750	Truck Tyre Filler Air Inlet Valve Assy
518 4773	Truck Tyre Filler Double Barrel Nozzle
519 3623	Pressure Gauge Back Fitting, 0-12 bar



519 3905



518 4773



519 3675



519 3651
519 3668

Bead compression tool CLAMP MASTER

	518 7818
Opening width	310 mm
Operating pressure	8-10 bar
Weight	5 kg

Ref. No.	Description
518 7818	Bead compression tool CLAMP MASTER <ul style="list-style-type: none"> • Pneumatic bead compression tool for fitting/removal of balance weights with separate clip without damage to rim and tyre • Adjustable height stopper • Suspension strap for use with ceiling balancer



518 7818

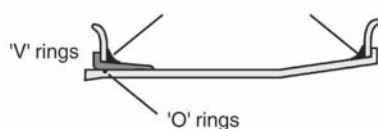
Sealing Rings and Pump rings for cars, trucks

'O' Sealing rings



- For sealing the tyre beads of graders, earth movers and other heavy OTR vehicles with split rims

Ref. No.	Description	Nominal dia.	Dia.	Content
870 2685	'O' ring	17 inch	6.6 mm	1
870 2754	'O' ring, thick	17 inch	9.5 mm	1
870 3048	'O' ring	20 inch	6.6 mm	1
870 3086	'O' ring	24 inch	6.6 mm	1
870 2692	'O' ring, thin	25 inch	6.6 mm	1
870 2702	'O' ring, thick	25 inch	9.5 mm	1
870 3000	'O' ring	29 inch	9.5 mm	1
870 3017	'O' ring	33 inch	9.5 mm	1
870 3031	'O' ring	35 inch	9.5 mm	1
870 3079	'O' ring	39 inch	9.5 mm	1
870 3103	'O' ring	45 inch	9.5 mm	1
870 2740	'O' ring	49 inch	9.5 mm	1
870 3165	'O' ring	51 inch	9.5 mm	1
870 316 5	'O' ring, extra thick	51 inch	12.7 mm	1
870 3172	'O' ring	57 inch	12.7 mm	1



'V' Sealing rings



- Ensure an improved air seal where the tyre bead meets the rim and flange
- Particularly suitable for radial tyres on split rims

Ref. No.	Description	Nominal dia.	Content
870 3055	'V' ring	20 inch	1
870 2970	'V' ring	24 inch	1
870 2812	'V' ring	25 inch	1
870 3024	'V' ring	29 inch	1
870 3062	'V' ring	33 inch	1
870 3093	'V' ring	35 inch	1
870 3196	'V' ring	39 inch	1
870 3185	'V' ring	45 inch	1
870 3237	'V' ring	49 inch	1
870 3244	'V' ring	51 inch	1
870 3275	'V' ring	57 inch	1

Special tools for tyre handling/ regrooving/buffing motors

Bead Expander

The bead expander is the economical way to seat tough beads. Three easy steps - just lubricate, install and inflate. Durable rubber compound.

Ref. No.	Description	Length
870 3413	Bead Expander 13"	13"
870 3414	Bead Expander 14" & 15"	14" and 15"
870 3416	Bead Expander 16.5" & 17.5"	16.5" and 17.5"
870 3419	Bead Expander 19.5"	19.5"
870 3422	Bead Expander 22.5" & 24.5"	22.5" and 24.5"



870 3413

C

Pump rings for cars


- REMA TIP TOP pump rings allow all common sizes of tubeless car and truck tyres to be inflated safely and quickly
- They are especially useful for tyres which have been deformed during storage

Please ask for our special sizes, e.g. for agricultural vehicles with extra-wide wheels up to a rim diameter of 54"!

Ref. No.	Description	Size
519 3699	Pump ring	10"
519 3709	Pump ring	12"
519 3716	Pump ring	13"
519 3723	Pump ring	14"
519 3730	Pump ring	15"
519 3747	Pump ring	16"/100 mm



Pump rings for trucks

Ref. No.	Description	Size	
519 3754	Pump ring	17.5"	•
519 3761	Pump ring	19.5"	•
519 3778	Pump ring	22.5"	•
519 3840	Pump ring	24"	•
519 3785	Pump ring	24.5"	•



Accessories:

519 3802	Pump Ring Handle Set Complete	
701 3825	Pump Ring Handle	•
519 3819	Pump Ring Handle bolt set	



519 3802

Special tools for tyre handling/ regrooving/buffing motors

Spare parts – Pump rings for cars, trucks



Ref. No.	Description	Size
701 3810	Rubber insert	10"
701 3812	Rubber insert	12"
701 3813	Rubber insert	13"
701 3814	Rubber insert	14"
701 3815	Rubber insert	15"
701 3816	Rubber insert	16"
701 3817	Rubber insert	17.5"
701 3819	Rubber insert	19.5"
701 3822	Rubber insert	22.5"
701 3824	Rubber insert	24.5"

Tyre safety cages and bags

Ram-rod TIRE SAFE Lite



The RAM ROD - TIRE SAFE Lite

The new Lite version of the Ramrod TIRE SAFE will still protect fitters to a very high degree when inflating CV Tyres up to and including Super single Tyres. This stripped down version of the cage has a reduced footprint of 680 x 1250mm so that the use of precious workshop space is kept to a minimum, and the double ended design enables use in either direction, or a roll through technique to be used, when processing tyres.

The all steel, fully welded labyrinth side panels will not allow any material through the cage sides, and will, crucially, allow a controlled release of the potentially lethal shock wave which propagates from an exploding tyre sidewall.

Ref. No.	Description	Dimension mm (HxDxW)
TSCL	The RAM ROD - TIRE SAFE Lite	1250 x 1250 x 680

Special tools for tyre handling/ regrooving/buffing motors

Ram-rod TIRE SAFE

The Award winning RAM ROD - TIRE SAFE

The Award winning Ram-rod TIRE SAFE safety inflation enclosure has been designed to effectively contain the explosive failure of an up to 22.5" rim commercial vehicle tyre of section width up to 600mm TIRE SAFE will safely contain, and direct harmlessly, the explosive release of pressure that occurs when either a tyre carcass or sidewall suffers catastrophic structural failure, or a rim through damage or fault, no longer retains the tyre bead.

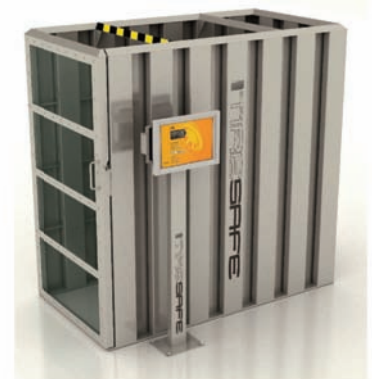
The failure of a rim resulting in bead release is the most demanding test of a safety enclosure, as well as managing and attenuating the rapidly expanding gasses and resisting the high pressure shockwave resulting from carcass failure, our enclosure will also withstand a high energy impact from an unconstrained wheel rim and tyre carcass.

The TIRE SAFE enclosure will contain and release in a controlled way, the high pressure shock wave produced when tyre failure occurs. The expanding gasses will be directed upwards with no impediment, and will be released from the enclosure sides and back panels via attenuating labyrinth construction details, where multiple changes of direction occur before the expanding gasses can exit the enclosure.

At all times there is no direct path for any unconstrained particles between the exploding tyre and the cage operator.

To enable this very high level of performance, the TIRE SAFE cabinet is manufactured from a high performance structural steel channel section welded to form a labyrinthine section which will effectively manage and contain the controlled release of gas and high pressure shock wave resulting from a tyre failure. The top of the TIRE SAFE is open and un-baffled to direct most of the high speed gas and pressure wave vertically out of harm's way. The enclosure sides and back panel are an all welded construction specially designed to dissipate energy and expanding gasses, and even to withstand the extreme mechanical load of a wheel rim hitting the enclosure internally.

Ram-rod recommend that this high performance enclosure is placed in a position on the workshop floor where one long face is adjacent to a structural wall with enough space left to allow access to visually inspect the enclosure sides weekly to check for any deformation of sections or welds which may have occurred after any explosions contained by the device.



311 1006



Ref. No.	Description	Dimension mm (HxDxW)
311 1006	TIRE SAFE -Commercial Safety Cage <ul style="list-style-type: none"> The TIRE SAFE cage allows safe inflation of tyres to full working pressure whilst removing the risk of injury from catastrophic tyre failure by protecting the operator from shock wave or flying debris. 	1750 x 1800 x 950

TSP TIRE SAFE Pedestal

Safety cages continued.



311 1020

Safety Inflation Cage - Portable

Ref. No.	Description
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311 1020	Safety Inflation Cage Portable
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- Fabricated from RHS steel structure the Portable Safety Cage provides protection for the operator should an over inflated tyre burst.



311 1027

Static Safety Cage - Mesh Type - 4x4/Light Van

Ref. No.	Description
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311 1027	Static Safety Cage - 4x4/Light Van
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- Fabricated from RHS steel structure the Static Safety Cage provides protection for the operator whilst inflating larger tyres in the event of the tyre exploding due to over inflation.
- The Static Safety Cage is a necessity in the workshop to comply with Health & Safety Executive legislation.

Size: 36" height x 36" length x 24" width



311 1138

311 1131

BAG-IT

The Bag-it tyre safety device is a lightweight, compact and totally portable means of protecting tyre operators from the dangers associated with tyres exploding under inflation.

Ref. No.	Description
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311 1138	BAG-IT - Car
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311 1131	BAG-IT - Truck
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Vulcanising machines and accessories

Thermopress machines.....	94 – 95
Thermopress addition, accessories and spare parts.....	96 – 98
Foil.....	99
Thermopress EM.....	99 – 104
Equipment for working places.....	103
Bead vulcanising.....	104

D

Outstanding products



Thermopress II
ECONOMY

Page 95



Thermopress EM II

Page 101



Thermopress EM II

Page 103

Thermopress machines (TP)

Thermopress JUNIOR



- For the economic repair of car tyres
- Most minor injuries in radial and cross-ply tyres can be repaired in a short time
- Repairs small rubber injuries and small tears in the fabric quickly and safely (perforations up to 12 mm in the tread area of T-tyres)

- Low operating temperature of approx. 145 °C (293 °F), therefore no deformation of the tyre
- Automatic current cut-off when using timer unit

517 3815

Electric power/connection

230/600 V/W

Ref. No. Description

517 3815 Thermopress JUNIOR, 230 V

Scope of delivery:

- 557 2076 2 Heating plates 230 V
- 517 7048 1 Timer unit 0 - 120 min
- 517 3853 1 Pressure equalising pad 110 x 110 mm
- 581 0160 1 User's manual

Thermopress DUPLEX



- For the economic repair of car tyres
- Most minor injuries in radial and cross-ply tyres can be repaired in a short time
- Repairs small rubber injuries and small tears in the fabric quickly and safely

- (perforations up to 12 mm in the tread area of T-tyres)
- Low operating temperature of approx. 145 °C (293 °F), therefore no deformation of the tyre

517 7000

Electric power/connection

230/600 V/W

Ref. No. Description

517 7000 Thermopress DUPLEX, 230 V

Scope of delivery:

- 517 7062 2 Heating plates 230 V
- 517 7048 1 Timer unit 0 - 120 min
- 517 1295 1 U-clamp
- 517 2438 1 Pressure equalising pad 180 x 130 mm
- 581 1990 1 User's manual

Thermopress TP II



517 1525

Electric power/connection 230/540 V/W

Operating pressure

Ref. No. Description

517 1525 Thermopress II ECONOMY, 230 V

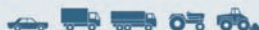
Scope of delivery:

- 517 3578 2 Heating plates 230 V
- 517 7048 1 Timer unit 0 - 120 min
- 517 1295 1 U-clamp
- 517 3248 1 Extension for heating plate
- 517 1941 1 Set of pressure equalising pads
- 517 7172 1 Rubber cover for car tyres
- 517 7165 1 Rubber cover for truck tyres
- 517 7158 1 Heating plate cover, truck, top
- 517 2294 1 Base plate
- 581 1560 1 User's manual



517 1525

Support stand – Thermopress



- Easier use of the Thermopress machines
- Support stands can be floor-mounted
- Ergonomic working height

517 1123

Electric power/connection 6 - 8 bar

Size

Weight

Ref. No. Description

517 1130 Support stand, floor-mounted

- Support stand for easier working on the tread area of car, van and truck tyres
- Includes shelves for storage of small items

For use with:

- Thermopress II ECONOMY (517 1532)
- Thermopress II ECONOMY (517 1525)
- Thermopress PNEUMATIC (517 3531)
- Thermopress TUBE-P (517 8130)

517 1123 Support stand PNEUMATIC

- Allows easy lifting and lowering of the machine and tyre with a pneumatic system
- Two rollers at the base allow tyres to be easily turned into the repair position

For use with:

- Thermopress II ECONOMY (517 1532)
- Thermopress II ECONOMY (517 1525)
- Thermopress PNEUMATIC (517 3531)



517 1130



517 1123

Thermopress addition, accessories and spare parts

Pressure equalising pads – Thermopress



Pressure equalising pads, large for tractor, truck and small for cars

Ref. No.	Description	Size			
517 2438	Pressure equalising pad car, small	180 x 130 L x W mm			•
517 1989	Pressure equalising pad truck, large	210 x 150 L x W mm	•		
517 1965	Pressure equalising pad tractor, rectangular	260 x 100 L x W mm		•	
517 5057	Pressure equalising pad, size 02	245 x 295 L x W mm			•
517 5064	Pressure equalising pad, size 03	394 x 345 L x W mm			•

Accessories, spare parts – Thermopress



517 3578

Ref. No.	Description	Electric power/ connection					
557 2076	Spare heating plate JUNIOR, 230 V	230/350 V/W	•	•	•		
517 7062	Spare heating plate DUPLEX, 230 V, with casing	230/300 V/W	•	•	•	•	
517 7086	Spare heating plate DUPLEX, 230 V, without casing	230/300 V/W	•	•	•	•	
517 3640	Spare heating plate Thermopress, without aluminium casing, 230 V • With vulcanised heating filament, thermo regulator and excess temperature cut-out, cable and safety plug For use with: • Thermopress PNEUMATIC (517 3531) • Thermopress II ECONOMY (517 1525)	230/270 V/W	•	•	•	•	•
517 3578	Spare heating plate Thermopress, with aluminium casing, 230 V Scope of delivery: • 517 3633 1 Heating plate aluminium casing • 517 3640 1 Heating plate bottom part (electric system) For use with: • Thermopress II ECONOMY (517 1525) • Thermopress PNEUMATIC (517 3531)	230/270 V/W	•	•	•	•	•
517 357 8	Spare heating plate Thermopress, with aluminium casing, 110 V Scope of delivery: • 517 3633 1 Heating plate aluminium casing • 517 3640 1 Heating plate bottom part (electric system) For use with: • Thermopress II ECONOMY (517 1525) • Thermopress PNEUMATIC (517 3531)	115/270 V/W	•	•	•	•	•

Accessories, spare parts – Thermopress – continued

Ref. No. Description

517 7048 Thermopress timer unit, 230 V

517 2043 Clamping mechanism, complete

For use with:

- Thermopress II ECONOMY (517 1525)

517 2460 Clamping mechanism, set

For use with:

- Thermopress II ECONOMY (517 1525)

Scope of delivery:

- Lift plate
- Stop plate
- Replaces 517 2074



517 7048




517 1958



517 7172, 517 7165



517 3255

Ref. No.	Description	Electric power/ connection	Size	    
517 1958	Aluminium heating plate For use with: <ul style="list-style-type: none"> • Thermopress II ECONOMY (517 1525) • Thermopress PNEUMATIC (517 3531) 		210 x 140 L x W mm	• • • • •
517 7172	Rubber cover For use with: <ul style="list-style-type: none"> • Thermopress II ECONOMY lower heating plate (517 1525) • Thermopress PNEUMATIC lower heating plate (517 3531) • Thermopress DUPLEX lower heating plate (517 7000) 			•
517 716 5	Rubber cover For use with: <ul style="list-style-type: none"> • Thermopress II ECONOMY (517 1525) • Thermopress PNEUMATIC (517 3531) • Thermopress DUPLEX lower heating plate (517 7000) 			• • • •
517 3255	Rubber pre-heating plate <ul style="list-style-type: none"> • Even thicker rubber sheets can be easily applied, if pre-heated • Set to 80 °C (176 °F) For use with: <ul style="list-style-type: none"> • Thermopress MTR RUBBER 	230/160 V/W	500 x 200 L x W mm	

Aluminium heating plate profile shapes, ECO & PNEUMATIC

- For further use of the Thermopress vulcanising machines
- For faster repairing and for the repairs which are not covered by the standard equipment
- The heat is distributed evenly due to the high thermal conductivity of aluminium



517 3327



517 3334



517 3365



517 3310



517 3970



517 7158

Ref. No.	Description	Size				
517 3327	Sidewall pressure plate B3 For use with: • Sidewall repairs • Trucks, 80-series	130 x 208 L x W mm	•			
517 3334	Sidewall pressure plate B4 For use with: • Low-section tyres and sidewall repairs	approx. 100 x 160 L x W mm	•			
517 3365	Tread pressure plate For use with: • Tread (inside)	200 x 130 L x W mm	•	•	•	
517 3310	Aluminium heating plate profile shape, flat For use with: • Tread (outside)	225 x 150 L x W mm			•	•
517 3970	Aluminium contour segment For use with: • Aluminium heating plate profile shape (517 3963) • Truck tyre tread (outside) and shoulder	230 x 150 L x W mm	•			
517 7158	Heating plate attachment, top		•	•	•	•

Thermopress-II and TP-Duplex with 160°C heating plate technology as standard from 2013

- Due to the positive customer response received after presenting our new heating plate technology for Thermopress-II units, it has been decided to employ this technology a standard from 2013 on. The increased heating temperature of 160°C on the tyre can save around 50% of the heating time compared to the previously used 125°C if REMA TIP TOP MTR repair rubber patches are used.
- The new heating plate technology is used both in the Thermopress-II unit and in the Thermopress-Duplex export variant. For differentiation purposes, the units have received a new item number (5171526 TP-II-Eco, 5173532 TP-II-Pneumatik, 5177001 TP-Duplex).
- 115V variants are no longer offered since the new heating plates can be locally wired up by an electrician for use on 115 V mains power. **The previous models up to 2012 will only be available until stocks run out.**
- The new heating plate technology can be implemented by simply exchanging the old heating plates on units built up to 2012.
- Every older Thermopress-II unit can be upgraded and thus becomes even more economic for the user. (In use since the REIFEN trade show 2012)
- The new heating plates in the models for 2013 on can be easily recognized through:
 - Shaped template housing instead of cast aluminum housing
 - Mains power cable red instead of black
 - Spring clip system for new contour segments and tapped drilled hole for all segments

Changes to models from 2013

- 2x heating plates 5173570 with 160°C technology
- 1x spring clip 5173571
- 1x connecting pipe 5173572
- 1x "New heating time table" label 5173573

Foil

Heat resistant gliding foil

- This special foil is put between the repair area and the heating plate
- It prevents the repair from sticking to the Thermopress heating plate



Ref. No.	Description	Colour	Size	Content
517 1972	Heat resistant foil	yellow	approx. 160 x 75 mm	1000 sheets

D

Thermopress EM

Type of Thermopress EM used	Tyres Size	Diameter inch	mm	Width inch	mm	Weight lb	kg
Thermopress EM-I (Ref. No. 517 7701)	12.00-24	48.4	1229	13.3	338	298	135
	14.00-24	55.6	1412	14.5	368	444	201
	15.5-25	49.4	1255	15.5	399	189	186
	16.00-25	59.6	1521	17.3	439	705	320
	17.5-25	55.5	1410	17.9	455	280	127
	18.00-25	66.3	1684	20.3	516	972	441
	20.5-25	61.3	1558	22.8	538	402	182
	21.00-25	69.4	1763	23.7	604	636	288
	23.5-25	65.9	1673	24.6	617	612	278
	26.5-25	70.8	1798	27.7	703	843	382
	29.5-25	75	1904	31.7	805	1050	476
	29.5-29	79.6	2023	30.3	770	1182	536
	18.00-33	73.7	1871	19.7	501	861	391
Thermopress EM-II (Ref. No. 517 5002)	26.5-25	70.8	1798	27.7	703	843	382
	29.5-29	79.6	2023	30.3	770	1182	536
	33.25-29	81.7	2074	32.9	835	1720	780
	30.00-33	94.5	2400	33.5	851	1701	774
	33.5-33	88.6	2251	34.2	869	2988	1355
	33.25-35	88.7	2252	34.1	865	1904	864
	37.5-39	102.4	2600	40.2	1021	4614	2093
	24.00-49	100.1	2543	27.3	693	1861	844
	27.00-49	106.3	2700	29.6	752	2420	1098
	30.00-51	115.1	2924	34	864	3039	1378
Thermopress Gigant For use with EM-II (Ref. No. 517 5727)	45/65-45	107.5	2730	45	1143	5586	2534
	60/65-39	95.0	2420	42.4	1077	3855	1749
	36.00-51	125.8	3196	39.3	997	5792	2627
	37.00-57	135.5	3442	40.2	1022	6867	3115
	40.00-57	139.8	3552	44.3	1125	7849	3560

The above is a collection of data from most popular tyre-sizes. Please note that weight, width and diameter are approximate values and may vary according to the type and brand being used.

Thermopress EM machines



- Hot vulcanising machine for repairing tread, shoulder or sidewall injuries of radial, cross-ply OTR/EM tyres, with the use of REMA TIP TOP repair patches
- EM-, truck tyre adapters are not included in delivery

	517 7701	517 1510	517 5002
Voltage	230 V	230 V	230 V
Operating pressure	4 - 8 bar	6 bar	max. 160 bar
Pressing power	approx. 3 t		
Curing temperature	approx. 175 °C	approx. 145 °C	approx. 175 °C
Size	2550 x 2110 x 1170/1370 L x W x H mm	2500 x 2100 x 1200 L x W x H mm	2600 x 2500 x 1770 L x W x H mm
Weight	270 kg	185 kg	459 kg

Ref. No. Description

517 7701 Thermopress EM I, pneumatic

- Sturdy construction provides easy maintenance and a long service life
- Adaptation to every repair position by a built-in tilting and swivelling mechanism
- Electronic temperature controller with display is integrated
- Upper parts of frame zinc-plated
- Electronic temperature control with digital temperature display for each heating plate
- Electronic curing time control, from 0 to 99 hours
- Pneumatic pressure system, max. pressing power approx. 3 tons at 8 bar (115 PSI)

Scope of delivery:

- 517 6001 1 Thermopress EM heating plate No. 1
- 517 6025 1 Thermopress EM heating plate No. 2
- 581 1160 1 User's manual
- 1 Mobile undercarriage
- 1 Energy block/control unit
- 1 Complete frame
- 2 Pressure plates
- Different slip-on contour segments

For use with:

- EM tyres up to size 33.25-35



517 7701

517 1501 Thermopress EM I, pneumatic

- Universal application area from car- to agriculture and EM-tyres
- Adjustable arms enable a high level of flexibility
- Space saving (endwise heating of the tyre)
- Suitable for repairing large tyres up to 1050 mm nominal width
- Solid construction for a long service life
- One-person-handling in combination with mobile shuttle
- Pneumatic tilting and hub mechanism



517 1501

Thermopress EM machines – continued



Ref. No. Description

- 517 5002 Thermopress EM II, electro-hydraulic**
- Universal frame adjustment, suitable for the repair of radial and cross-ply tyres up to size 30.00-51 in the basic version
 - Electronic temperature controller with digital display of actual and desired temperature
 - Upper parts of frame zinc-plated
 - Electronic temperature control with digital temperature display for each heating plate
 - Electronic curing time control, from 0 to 99 hours
- Scope of delivery:**
- 1 Mobile undercarriage
 - 1 Energy block/control unit
 - 1 Complete frame
 - 3 Pressure plates
 - 517 6025 1 Thermopress EM heating plate No. 2
 - 517 6032 1 Thermopress EM heating plate No. 3
 - 581 3190 1 User's manual
 - Different slip-on contour segments



517 5002

517 5727 Thermopress EM accessory GIGANT
Scope of delivery:

- 1 Frame slip-on adapter
- 1 Retaining bolt, dia = 20 mm
- 1 Retaining tube 50 x 280 mm
- 1 Heating plate support, short, 80 x 435 mm
- 1 Heating plate support, medium, 80 x 645 mm
- 1 Heating plate support, long, 80 x 1005 mm

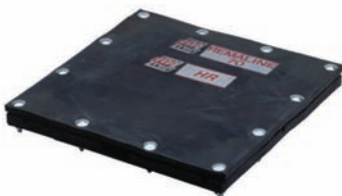
For use with:

- Thermopress EM II
- EM tyres up to 40.00-57"



517 5727

Thermopress EM heating pockets



517 6207
 517 5033
 517 5040

Ref. No. Description

Size

517 6207	Thermopress EM heating pocket size 1 For use with: • Thermopress EM I (517 7701) • Thermopress EM II (517 5002)	230 x 230 x 18 mm	•	•	•
517 5033	Thermopress EM heating pocket size 2 For use with: • Thermopress EM I (517 7701) • Thermopress EM II (517 5002)	330 x 330 x 35 mm	•	•	•
517 5040	Thermopress EM heating pocket size 3 For use with: • Thermopress EM II (517 5002) • Thermopress EM III (517 7804)	455 x 430 x 35 mm	•		

Thermopress EM heating mats

Note on maintenance:

- The life of the EM heating mat can be considerably prolonged by powdering it with talcum before every use
- We recommend that the EM heating plate and EM heating pocket be exchanged together



517 5215



517 5239



517 5246

Ref. No.	Description	Electric power/ connection	Size   
517 5215	Thermopress EM heating mat size 1 For use with: <ul style="list-style-type: none"> • Thermopress EM I (517 7701) • Thermopress EM II (517 5002) 	350 W	190 x 190 mm • • •
517 5222	Thermopress EM heating mat size 2 For use with: <ul style="list-style-type: none"> • Thermopress EM I (517 7701) • Thermopress EM II (517 5002) 	450 W	265 x 265 mm • • •
Ref. No.	Description	Electric power/ connection	Size 
517 5239	Thermopress EM heating mat size 3, Black For use with: <ul style="list-style-type: none"> • Thermopress EM II (517 5002) • Thermopress EM III (517 7804) 	800 W	365 x 365 mm •
517 5246	Thermopress EM heating mat size 4 For use with: <ul style="list-style-type: none"> • Thermopress EM II (517 5002) • Thermopress EM III (517 7804) 	1100 W	450 x 470 mm •

Thermopress EM - Accessories

Ref. No.	Description
557 8410	Square wrench SW 17 For use with: <ul style="list-style-type: none"> • Thermopress EM I (517 7701) • Thermopress EM II (517 5002) • Thermopress EM III (517 7804)
557 4012	Digital timer 24 hours Scope of delivery: <ul style="list-style-type: none"> • 1 Clock • 1 Base • 1 Terminal cover Y92A-48G • 1 Adapter for front panel installation • 1 Rubber seal For use with: <ul style="list-style-type: none"> • Thermopress EM I (517 7701) • Thermopress EM II (517 5002) • Thermopress EM III (517 7804)

Thermopress EM - Accessories, continued

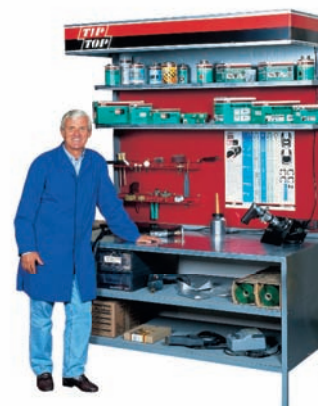
Ref. No.	Description
557 8238	Thermopress EM Castors F125
517 5679	Thermopress power block assembly
557 3006	Pressure Plate No3 EMTP
557 3972	Electrical temperature controller For use with: <ul style="list-style-type: none"> • Thermopress EM I (517 7701) • Thermopress EM II (517 5002) • Thermopress EM III (517 7804)

REMA TIP TOP PROFI workplace



- The ideal workbench for the tyre specialist, which makes it easy to keep things tidy
- Saves wasting time searching for tools
- Includes illumination, zinc-plated work surface, 4 shelves and 2 multiple tool holders, multiple socket with on/off switch

Ref. No.	Description	Size
517 4508	PROFI Workplace	1500 x 750 x 2200 W x D x H mm



Material not included

Equipment for working places

Truck tyre working table



- Provides the optimum working conditions for professional truck tyre repair
- For ergonomic positioning of tyres up to 24"
- Table can be tilted and swivelled

Ref. No.	Description
517 1051	Truck tyre working and positioning table





517 3554

EM repair stand



- For easy handling of EM tyres during the repair process
- Speeds up the positioning of the tyre in the EM machine and improves safety at work

517 3554

Tyre size	max. 29.5 - 29 inch
Loading capacity	600 kg
Size	1155 x 1280 x 2000 L x W x H mm
Weight	213 kg

Ref. No. Description

517 3554	EM repair stand, with hoisting winch (manual) <ul style="list-style-type: none"> • Total access to the tyre • Working height of the tyre is adjusted by specially geared hand crank • The roller bars allow easy rotation to the desired position and eliminate the risk of damage to the bead area • Castors enable convenient movement For use with: <ul style="list-style-type: none"> • Thermopress EM I (517 7701) • Thermopress EM II (517 5002)
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Bead vulcanising



Bead vulcanising clamp

- For the repair of rubber damages to the bead of truck, low-section and super-single tyres (18" - 24")
- Mobile application is made easy by the compact and handy design
- The well-arranged control unit allows easy operation
- The Thermopress JUNIOR support stand is recommended for safe handling of the control unit

517 4170

Operating pressure	3.1 bar
Electric power/connection	230 V
Curing temperature	approx. 140 °C

Ref. No. Description

517 4170	Bead vulcanising clamp, universal Scope of delivery: <ul style="list-style-type: none"> • 517 4180 1 Control unit 230 V • 517 4270 1 Pressure control tube • 517 4230 1 Bead clamp, painted red • 517 4240 1 Pressure mat • 517 4280 1 Heating mat • 517 4220 1 Flat air cushion
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517 4240 Flat Air Bag for Bead Clamp



Valves, balance weights and TPMS

Valves scooter and motorcycle.....	106
Snap-in valves car, van.....	107 – 109
Metal Bolt-in car valves.....	110 – 111
Tube valves truck, bus.....	112
Industrial valves.....	113
Tubeless valves.....	114 – 122
Valve extensions.....	123 – 129
Valve cores.....	129
Valve caps.....	130 – 131
Valve tools.....	132 – 134
Valve connectors.....	135
Tyre inflating connectors.....	136
TPMS.....	137 – 143
Balance weights, car.....	144 – 150
Adhesive weights.....	150 – 154
Spoke weights, motorcycle.....	154
Balance weights, truck.....	153 – 154
EQUAL and XACT Balance.....	155 – 157
Balance weight tools.....	158

Outstanding products



Snap-in valve

Page 107



Balance weight

Page 147



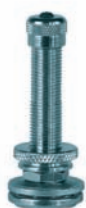
ATRIUM TPMS for cars

Page 155

Valves scooter and motorcycle



562 1006



562 1013

Metal base tube clamp-in valve



562 1020

Ref. No.	Description	ETRTO No.	Length	TR No.	Bending angle	Content		
562 1006	Scooter valve	V1-05-1	33.5 mm			1	•	•
562 1013	Motorcycle valve		43 mm	6 eq		1	•	
562 1020	Valve for industrial vehicles		28 mm		90 °	1		

E

Metal valves



- Installation torque 7 - 10 Nm



562 2603



562 2591



562 2720



562 2617



562 2624



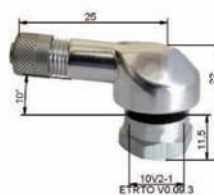
562 9820
black



562 9834
black



562 9827



562 9841



562 2631

Ref. No.	Description	Rim hole	Length	TR No.	Colour	Bending angle	Content
562 2603	Metal valve	8.3 mm	33 mm		silver		1
562 2591	Metal valve	8.3 mm	37 mm		silver		1
562 2720	Metal valve	8.3 mm	34 mm	430 eq	silver		1
562 2617	Aluminium valve	8.3 mm			silver	90 °	1
562 2624	Aluminium valve	11.3 mm			silver	90 °	1
562 9820	Aluminium valve	8.3 mm			black	90 °	1
562 9834	Aluminium valve	11.3 mm			black	90 °	1
562 9827	Aluminium valve	8.3 mm			silver	90 °	1
562 9841	Aluminium valve	11.3 mm			silver	90 °	1
562 2631	Metal valve	8.3 mm			silver	straight	1

Tubeless valves scooter, motorcycle

Snap-in valves



562 2713

Ref. No.	Description	Rim hole	Bending angle	Content		
562 2713	Snap-in valve	11.5 mm	90 °	1	•	

Snap-in valves car, van

Snap-in valves



212 2412
212 2429



212 6442



212 6414
212 2443



212 2395



212 6662



212 6428



212 2396



562 2423

Ref. No.	Description	Rim hole	Length	Maximum pressure	ETRTO No.	TR No.	Content
212 2412	TDX Snap-in valve (Card) • Metro steel TD wheels	8.3 mm	59 mm	4.5 bar	V2-03-9		50
212 2429	TDX Snap-in valve (Card) • Metro steel TD wheels	8.3 mm	59 mm	4.5 bar	V2-03-9		10
212 6442	Snap-in valve	11.3 mm	33 mm	4.5 bar	V2-03-6	412	1
212 6414	Snap-in valve	11.3 mm	43 mm	4.5 bar	V2-03-1	413	100
212 2443	Snap-in valve	11.3 mm	43 mm	4.5 bar	V2-03-1	413	10
212 2395	Snap-in valve	11.3 mm	49 mm	4.5 bar	V2-03-2	414	100
212 6662	Snap-in valve	16 mm	43 mm	4.5 bar	V2-03-3	415	100
212 6428	Snap-in valve	16 mm	43 mm	4.5 bar	V2-03-3	415	10
212 2396	Snap-in valve	11.3 mm	61.5 mm	4.5 bar	V2-03-4	418	100
562 2423	Snap-in valve	11.3 mm	74 mm	4.5 bar		423	1

Snap-in valves, chromium sleeve and cap



212 2471



212 2544



212 2450



212 2614



212 2537
212 2551
212 2558

Ref. No.	Description	Rim hole	Length	Maximum pressure	TR No.	ETRTO No.	Content
212 2471	Snap-in valve, with chrome sleeve	11.3 mm	33 mm	4.5 bar	412	V2-03-6	1
212 2544	Snap-in valve, with chrome sleeve	11.3 mm	43 mm	4.5 bar	413	V2-03-1	1
212 2450	Snap-in valve, with chrome sleeve	11.3 mm	49 mm	4.5 bar	414	V2-03-2	1
212 2614	Snap-in valve, with chrome sleeve	11.3 mm	61.5 mm	4.5 bar	418	V2-03-4	1
212 2537	Chrome sleeve, snap-in valve				413		100
212 2551	Chrome sleeve, snap-in valve				414		100
212 2558	Chrome sleeve, snap-in valve				418		100

Snap-in valves with metal base



212 2656



212 2663



212 2670
212 2377



212 2683

Ref. No.	Description	Rim hole	Length	Maximum pressure	TR No.	ETRTO No.	Content
212 2656	Snap-in valve	11.3 mm	33 mm	14 bar	412 eq	V2-03-6	1
212 2663	Snap-in valve	11.3 mm	43 mm	14 bar	413 eq	V3-23-1	1
212 2670	Snap-in valve	11.3 mm	49 mm	14 bar	414 eq	V2-03-2	1
212 2377	Snap-in valve (Long)	11.3 mm	49 mm	14 bar	414 eq	V2-03-2	1
212 2683	Snap-in valve	11.3 mm	61.5 mm	14 bar	418 eq	V2-03-4	1

Snap-in valves, CVV



- Patented pressure disc with predetermined breaking point for easy demounting



Ref. No.	Description	Rim hole	Maximum pressure	TR No.	Content
563 2140	Snap-in valve CVV-40	11.3 mm	7 bar	413 eq	1
563 2150	Snap-in valve CVV-47	11.3 mm	7 bar	414 eq	1
563 2160	Snap-in valve CVV-60	11.3 mm	7 bar	418 eq	1

Snap-in valves, Van



Ref. No.	Description	Rim hole	Maximum pressure	TR No.	Content
212 6421	Valve HP Snap-in Transit	11.5 mm	5.5 bar	600	1
212 6655	Valve Van TR600 XHP Snap-in 43.5mm	11.5 mm	5.5 bar	600	1
212 2457	Valve Van TR602 XHP Snap-in 62.1mm	11.5 mm	6.9 bar	602	1

Metal Bolt-in car valves

Metal valves, standard



562 2531



212 6494



562 2658



562 2665



562 2753



562 2689



562 2696



212 6704

Ref. No.	Description	Rim hole	TR No.	Content
562 2531	Metal valve, 38.5 MS	8.3 mm		1
212 6494	Metal valve, 42 MS	11.3 mm		1
562 2658	Metal valve, 42 MS	11.3 mm		1
562 2665	Metal valve, 42 MS	11.3 mm		1
562 2753	Metal valve, 42 MS, with plastic washer	11.3 mm	525	1
562 2689	Metal valve, 40 MS	11.3 mm		1
562 2696	Metal valve, 40 MS	11.3 mm	416 S	1
212 6704	Metal valve, 40 MS	16 mm	416	1

Metal valves, aluminium



562 2760



562 2767



562 2737



562 2796

Ref. No.	Description	Rim hole	TR No.	Content
562 2760	Metal valve, alloy	11.3 mm		1
562 2767	Metal valve, alloy	11.3 mm		1
562 2737	Metal valve, TRX	11.3 mm		1
562 2796	Metal valve, alloy	11.3 mm	523AL	1

Metal valves Opti-Vent

- These valves improve the aesthetic impression and the design of the rim substantially
- The valve is protected by its special construction against pressure loss, sabotage, contamination and tearing off



562 2700

Ref. No.	Description	Rim hole	Content		
562 2700	OptiVent Scope of delivery: <ul style="list-style-type: none"> • 4 Valves with screw cap • 2 Spare caps • 1 Removable valve stem inflator 	11.3 mm	1	•	•

Clamp in metal valve set

Ref. No.	Description	Content
562 2430	Metal car valve Scope of delivery: <ul style="list-style-type: none"> • 4 x Metal valves • 5 x washers for 11.5 mm fitment • 5 x Rubber seals for 11.5 mm fitment • 5 x washers for 16 mm fitment • 5 x Rubber seals for 16 mm fitment 	1



562 2430

Einky Valve

- A high-performance "No Show" type chrome plated valve that installs from the outside. A rubber washer and nut are on the inside.

Ref. No.	Description	Valve hole	Length	Content
562 2743	Clamp-in valve Einky	6 mm	1 3/4"	1



562 2743

Tank Valve

Ref. No.	Description	Valve hole	Length	Content
563 6352	Tank valve	1/8 NPT	23 mm	1



563 6352

Tube valves truck, bus

Screw-on valves VG8, Michelin



562 2768



Single bend



Double bend

Ref. No.	Description	Length	ETRTO No.	TR No.	Dia.	Content
562 7392	Screw-on valve, single bend	50 mm	V3-02-5			10
562 7419	Screw-on valve, single bend (increased bend radius)	60 mm	V3-02-19			10
562 7402	Screw-on valve, single bend	75 mm	V3-02-7			10
562 7426	Screw-on valve, single bend	85 mm	V3-02-8	76 eq		10
562 7433	Screw-on valve, single bend	95 mm	V3-02-9	177 eq		10
562 7457	Screw-on valve, single bend	105 mm	V3-02-26	77 eq		10
562 7464	Screw-on valve, single bend	115 mm	V3-02-10	175 eq		10
562 7471	Screw-on valve, single bend	127 mm	V3-02-11	78 eq		10
562 7488	Screw-on valve, single bend	135 mm	V3-02-12	178 eq		10
562 7495	Screw-on valve, single bend	140 mm	V3-02-14	179 eq		10
562 2409	Screw-on valve, double bend	75 mm				10

Accessories:

562 2768	Rubber seal		V9-05-1		24 mm	100
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Industrial valves

Flange valves, for industrial wheel with air tight ring



562 6559



562 6560



562 6568

Ref. No.	Description	Code	Bending angle	Content
562 6559	Valve Forklift Guiding Flange	R2101-2	120 °	1
562 6560	Valve Forklift Guiding Flange	R2102-2	94 °	1
562 6568	Valve Forklift Plastic Obturator	41703-68		1

Tubeless valves truck, bus

Metal valves, rim hole 9.7 mm



- Installation torque 13 - 15 Nm



212 6753



212 6760



212 6449



212 6456



212 6767



212 6774



212 6606

Ref. No.	Description	Rim hole	ETRTO No.	Bending angle	Content
212 6753	Metal valve, 41 MS	9.7 mm	V3-20-1		10
212 6760	Metal valve, 70 MS	9.7 mm	V3-20-5	27 °	10
212 6449	Metal valve, 90 MS	9.7 mm	V3-22-1	27 °	10
212 6456	Metal valve, 90 MS	9.7 mm		27 °	10
212 6767	Metal valve, 100 MS	9.7 mm		12 °	10
212 6774	Metal valve, 119 MS	9.7 mm	V3-20-8	12 °	10
212 6606	Metal valve, safety hump/EVA, 58 MS	9.7 mm	V3-22-1	45 °	10

Metal valves, nickel-plated, for alloy rims, rim hole 11.3 mm



562 2416

Ref. No.	Description	Rim hole	Content
562 2416	Metal valve, 36 MS • Installation torque 3 - 5 Nm	11.3 mm	1

Metal valves, nickel-plated, for alloy rims, rim hole 9.7 MS



• Installation torque 9 - 14 Nm



562 2651



212 6329



562 9813



212 6463



212 6315



212 6407



212 6746



212 6669



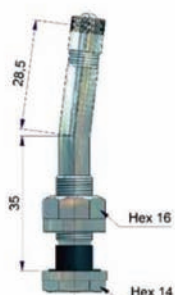
563 6417



562 2648

Ref. No.	Description	Rim hole	TR No.	ETRTO No.	Inside bending angle	Content
562 2651	Metal valve, 36 MS	9.7 mm		V3-20-1		1
212 6329	Metal valve, 59 MS	9.7 mm	543 C		135 °	1
562 9813	Metal valve, 59 MS	9.7 mm	543 E		105 °	1
212 6463	Metal valve, 64 MS	9.7 mm	543 D		120 °	1
212 6315	Metal valve, 70 MS	9.7 mm		V3-20-5	153 °	1
212 6407	Metal valve, 70 MS	9.7 mm	544 D	V3-20-5		1
212 6746	Metal valve, 75 MS	9.7 mm	TR544 D	V3-20-5	120 °	1
212 6669	Metal valve, 79 MS	9.7 mm	544			1
563 6417	Metal valve, VX8721, back nut	9.7 mm	545			1
562 2648	Metal valve, 113 MS	9.7 mm	546-36		144 °	1

Metal valves, nickel-plated, for Alcoa rims, rim hole 9.7 mm



562 2707



562 9806



562 2789

Ref. No.	Description	TR No.	Rim hole	Bending angle	Content
562 2707	Metal valve, 70 MS • Installation torque 3 - 5 Nm		9.7 mm	7 °	1
562 9806	Metal valve, 40 MS	TR542	9.7 mm	straight	1
562 2789	Metal valve, 83 MS		9.7 mm	straight	1

Metal valves, standard, rim hole 16 mm



- Installation torque 4 - 6 Nm



212 6781



212 6788, 212 6795,
563 5047



212 6620

Ref. No.	Description	Rim hole	TR No.	ETRTO No.	Bending angle	Content
212 6781	Metal valve, 32 MS	16 mm	575	V3-21-1		1
212 6678	Metal valve, 42 MS	16 mm	501	V3-21-2		1
212 6788	Metal valve, 54 MS	16 mm	500	V3-21-3		1
212 6795	Metal valve, 84 MS	16 mm	570	V3-21-4		1
212 6620	Metal valve, 52 MS	16 mm	570C	V3-21-9	90°	1
563 5047	Metal valve, 99 MS	16 mm	572	V3-21-6		1

Metal valves, standard, rim hole 16 mm



563 6376



563 6400



562 6609



562 6795



562 6757

Ref. No.	Description	Rim hole	ETRTO No.	Content
563 6376	Metal valve, V-shape • Installation torque 25 - 31 Nm	16 mm		1
563 6400	Metal valve, 35 MSF • Installation torque 13 - 15 Nm	16 mm	V0-09-3	1
562 6609	Metal valve, 40 MSF • Installation torque 25 - 31 Nm	16 mm	V3-12-1	1
562 6795	Metal valve, 95 MSF • Installation torque 25 - 31 Nm	16 mm	V3-12-2	1
562 6757	Metal valve, 140 MSF • Installation torque 25 - 31 Nm	16 mm		1

Metal valves, standard, rim hole 20.5 mm



- Installation torque 25 - 31 Nm

Ref. No.	Description	Rim hole	ETRTO No.	Content
562 6654	Metal valve, 44 MSF	20.5 mm	V3-15-1	1
562 6946	Metal valve, 65 MSF	20.5 mm	V3-16-1	10
562 694 6	Metal valve, 65 MSF	20.5 mm	V3-16-1	1
562 6953	Metal valve, 115 MSF	20.5 mm	V3-18-1	10
562 6939	Metal valve, 130 MSF	20.5 mm	V3-18-2	1
562 6915	Metal valve, 140 MSF	20.5 mm	V3-19-1	1



562 6654



562 6946



562 6953, 562 6939



562 6915

Tubeless valves tractor

Snap-in valves for air/water filling



Ref. No.	Description	Rim hole	Length	Content
212 6501	Snap-in valve	16 mm	56 mm	1



212 6501

Metal valves for air/water filling



212 6508



212 6515
562 3097



562 3107



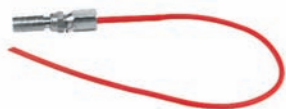
212 6711



562 3042

Ref. No.	Description	Rim hole	Length	TR No.	ETRTO No.	Bending angle	Content
562 3028	Metal valve, short	16 mm	42 mm	618 A	V5-01-1		1
212 6508	Metal valve	16 mm	50 mm	618 A	V5-01-1		1
212 6515	Metal valve	16 mm	57 mm	623 A	V5-02-3	65°	1
562 3097	Metal valve	16 mm	75 mm	621 A	V5-02-1	65°	1
562 3107	Metal valve	16 mm	115 mm	622 A	V5-02-2	90°	1
Accessories:							
212 6711	Core housing CH3						10
562 3042	Core housing, CH1 old version						10

Water filling and draining fittings



562 3138

Ref. No.	Description	Content
562 3138	Hanauer mouse	1

Air water valve accessories



563 5078



212 6816

Ref. No.	Description	Dia	Content
563 5078	Air/water rim nut		20
212 6816	Valve rim seal plug	16 mm	1

Tubeless valves EM

Metal valves



- Installation torque 8 - 9 Nm



563 7296



563 7320



563 7337



212 6627



212 6802



563 7368

Ref. No.	Description	Rim hole	Length	TR No.	Inside Bending angle	ETRTO No.	Content
212 6809	Metal valve	20.5 mm	55 mm		132 °		1
563 7344	Metal valve	20.5 mm	57 mm/80mm		123 °		1
563 7296	Metal valve	20.5 mm	64 mm	J 653-02	100 °		1
563 7320	Metal valve	20.5 mm	80 mm	J 654-03	120 °		1
563 7654	Metal valve	20.5 mm	80 mm	J 654-03	120 °		1
563 7337	Metal valve	20.5 mm	80 mm	J 655-03	106 °		1
212 6627	Metal valve	20.5 mm	80 mm	J 650-03	100 °	V5-04-1	1
212 6802	Metal valve	20.5 mm	119 mm	J 651-03	90 °	V5-04-2	1
563 7368	Metal valve	20.5 mm	140 mm	J 652-03	94 °		1
563 7399	Metal valve	20.5 mm	724 mm		90 °		1

Metal valves (valve base, valve top)



212 6613



562 3073



563 9037, 563 7375

Ref. No.	Description	Rim hole	TR No.	ETRTO No.	Length	Bending angle	Content
212 6613	Valve hole spud	20.5 mm	SP 2	V5-10-1			1
562 3073	Valve stem	20.5 mm	J 670-02	V5-03-1	41 mm		1
563 7014	Valve stem, long type	20.5 mm	J 670-02	V5-03-1	65 mm		1
563 9037	Valve stem	20.5 mm	J 4000-2 1/2		64 mm	90 °	1
563 7375	Valve top	20.5 mm	J 4000-71/2		191 mm	90 °	1

E

Large Bore Swivel Valve - Single Bend 90



Ref. No.	Description	Length	Content
563 7090	Valve EM TRJ4000	108 mm	1
563 7100	Valve EM TRJ4000	114 mm	1
563 7117	Valve EM TRJ4000	152 mm	1
563 7124	Valve EM TRJ4000	203 mm	1
563 7131	Valve EM TRJ4000	229 mm	1
563 7148	Valve EM TRJ4000	292 mm	1
563 7155	Valve EM TRJ4000	432 mm	1
563 7162	Valve EM TRJ4000	495 mm	1
563 7179	Valve EM TRJ4000	610 mm	1
563 7186	Valve EM TRJ4000	667 mm	1
563 7193	Valve EM TRJ4000	711 mm	1
563 7203	Valve EM TRJ4000	775 mm	1
563 7210	Valve EM TRJ4000	787 mm	1
563 7227	Valve EM TRJ4000	813 mm	1
563 7234	Valve EM TRJ4000	851 mm	1





563 8996

Large Bore - Single Bend Valve



Ref. No.	Description	Length	Bending angle	Content
563 8996	Valve EM Komatsu 325	88 mm	90 °	1
563 9020	Valve EM Komatsu 325	267 mm	80 °	1
563 9006	Valve EM Komatsu 325	449 mm	90 °	1



563 7454

Large Bore - Double Bend Valve



Ref. No.	Description	Length	Bending angle	Content
563 7454	Valve EM	222 mm	90 ° - 13 °	1
563 7478	Valve EM	650 mm	75 ° - 15 °	1



Large Bore - Triple Bend Valve



Ref. No.	Description	Length	Content
563 7540	Valve EM	124 mm	1
563 7557	Valve EM	340 mm	1
563 7564	Valve EM	597 mm	1
563 7571	Valve EM	756 mm	1
563 7688	Valve EM	756 mm	1
563 7595	Valve EM	1080 mm	1
563 9067	Valve EM Komatsu 785	1200 mm	1

Large Bore - Multi Bend Valve

Ref. No.	Description	Length	Content
563 7988	Valve EM 4 bend	28"	1
563 7980	Valve EM 5 bend	19"	1



563 8271
563 8305

Large Bore Swivel Valve - Single Bend 90



Ref. No.	Description	Type	Length	Content
563 8271	Valve EM Large bore turret	J690	119 mm	1
563 8305	Valve EM Large bore turret	J693	127 mm	1

Large bore swivel bend valve - CAT



563 7667



563 7643



563 6503



563 8178



563 8192

Ref. No.	Description	Type	Haltec	No. of bends	Content
563 8199	Valve EM	J650 CAT OTR	WHD-974OEC	1	1
563 7643	Valve EM	CAT 777 Front	WHG-8019VC	1	1
563 7980	Valve EM	CAT 773B Inner Rear	WHG-0570VC	5	1
563 7657	Valve EM	CAT 773 Front		1	1
563 7667	Valve EM	CAT 777B Inner Rear	WHG-8018VC	4	1
563 7674	Valve EM	CAT 777 Inner Rear		5	1
563 7681	Valve EM	CAT 777 Inner Rear		5	1
563 7995	Valve EM custom bend	CAT 775 Front	WHD-7948EC		1
563 8002	Valve EM	CAT 777 Front	WHD-7949EC	5	1
563 6503	Valve EM screw-on brass	CAT Special			1

Accessories

563 8178	Adaptor Body H-4000 adaptor converts tubes having SP-1000 type spud to accept Large Bore swivel valves.				1
563 8192	Adaptor H-4000-1 Adaptor Same as H-4000 except without bridge washer and hex nut.				1

Super large bore, valve spuds



563 8044



563 8037



563 8068



563 8051



563 7021

Ref. No.	Description	Type	Haltec	Content
563 8044	Valve EM spud, long	Clamp-in	T-82	1
563 8037	Valve EM spud, short	Clamp-in	T-81	1
563 8068	Valve EM spud	Screw-in, angle	S-85	1
563 8051	Valve EM spud	Screw-in, angle	C-100	1
563 7021	Valve core housing	Screw-in, angle	R520	1

PT Gauge



563 9081



563 9074
core housing not included

- After fuel, tyres are often a fleet's largest expense. The best way to insure maximum tyre life is through proper tyre inflation. Using a PT valve and gauge assembly, tyre pressure monitoring has never been easier. Use the PT gauge for daily checks and a separate master gauge for weekly checks and you will catch air loss before it can cause permanent tyre damage.
- By selecting the right PT valve for the application, a gauge can be installed on virtually any machine without the gauge assembly being vulnerable to damage. On some job sites air-pressure almost never gets checked until it is visually noticed and by this time permanent tyre damage has occurred. The PT valve and gauge assembly will raise the awareness level of machine operators, making it easier for them to recognize a low tyre before damage has been done.
- The PT Valve System is a design that allows tyre pressure to be monitored with an easy-to-read, liquid filled, dial gauge attached to the valve. PT gauge is ordered separately. Comes with gauge and nut. Calibrated 0-160 psi. The PT valve and gauge can be used on most Large Bore and Super Large Bore applications. Patent Pending
- All PT valves have trouble-free, urethane O-rings on the valve barrel. For Super Large Bore applications, order the PT-R-520 core housing.

Ref. No.	Description	Content
563 9081	EM Core Housing PT System PT-R-520	1
563 9074	Gauge PT System EM 0-160 psi	1

Super large bore, swivel stem



563 8116
563 8082



563 8075



563 8123



563 8185

Ref. No.	Description	Bending angle	Haltec	Content
563 8082	Valve EM swivel stem	85 °	R-685	1
563 8116	Valve EM swivel stem	60 °	R-660	1
563 8075	Swivel angle connector	90 °	R-525	1
563 8123	Valve EM swivel stem	90 °	MR-700-7	1
563 8185	Valve EM swivel stem		N-1543A	1
563 9109	Valve EM swivel stem			1

Valve extensions

Valve extension caps, plastic



Ref. No.	Description	Length	Content
562 4508	Valve extension cap	19 mm	10
562 4515	Valve extension cap	32 mm	10
562 4522	Valve extension cap	38 mm	10



562 4508



562 4515, 562 4522

Valve extensions, metal



Ref. No.	Description	Length	Content
562 4319	Valve extension	19 mm	1
562 4326	Valve extension	32 mm	1



562 4319



562 4326

Valve extensions, metal



Ref. No.	Description	Length	Content
562 4151	Valve extension, double check	22 mm	100
562 4307	Valve extension, double check & plastic cap		100
562 4158	Plastic cap, for double check valve extension		100



562 4151

Valve extensions, bent

Ref. No.	Description	Bending angle	Content
562 4299	Valve extension	45°	1
562 4292	Valve extension	90°	1
212 6732	Valve extension chrome	90°	1



562 4299



562 4292

Valve extensions rigid, metal nickel



562 4027 - 562 4041

Ref. No.	Description	Length	Content
562 4027	Valve extension	52 mm	1
562 4072	Valve extension	64 mm	1
562 4034	Valve extension	76 mm	1
562 4096	Valve extension	100 mm	1
562 4089	Valve extension	112 mm	1
562 4041	Valve extension	126 mm	1

Valve extensions rigid, metal - ECONOMY LINE



Ref. No.	Description	Length	Content
212 6522	Valve extension	52 mm	1
212 6634	Valve extension	64 mm	1
212 6529	Valve extension	76 mm	1
212 6837	Valve extension	86 mm	1
212 6543	Valve extension	112 mm	1
212 6550	Valve extension	100 mm	1
212 6536	Valve extension	126 mm	1

Valve extensions rigid, metal brass, short collar



Ref. No.	Description	Length	Content
562 4010	Valve extension, short collar	32 mm	1
562 4076	Valve extension, short collar	76 mm	1
562 4100	Valve extension, short collar	100 mm	1
562 4003	Valve extension, short collar	160 mm	1



562 4010, 562 4076, 562 4100

Valve extensions, plastic



Ref. No.	Description	Length	Content
562 4553	Valve extension	70 mm	10
562 4560	Valve extension	115 mm	10
562 4577	Valve extension	150 mm	10
562 4584	Valve extension	170 mm	10



562 4553, 562 4560,
562 4577, 562 4584

Valve extensions type Michelin, flexible



Ref. No.	Description	Length	Content
562 4216	Valve extension	85 mm	1
212 6564	Valve extension	105 mm	1
212 6725	Valve extension	115 mm	1
212 6648	Valve extension	125 mm	1
212 6571	Valve extension	140 mm	1
212 6578	Valve extension	180 mm	1
212 6585	Valve extension	210 mm	1
562 4347	Valve extension	270 mm	1
562 4285	Valve extension	350 mm	1

Valve extensions, AIRFLEXX



- Pressureless, flexible, unbreakable
- Can be used without wheel rim brackets



Valve cap not included

Ref. No.	Description	Length	Content
589 1050	Valve extension	75 mm	1
589 1051	Valve extension	85 mm	1
589 1056	Valve extension	105 mm	1
589 1052	Valve extension	145 mm	1
589 1053	Valve extension	185 mm	1
589 1054	Valve extension	215 mm	1

Valve extensions, flexible, steel-braided rubber hose



Ref. No.	Description	Length	Content
562 4405	Valve extension	125 mm	1
562 4412	Valve extension	150 mm	1
562 4429	Valve extension	175 mm	1
562 4436	Valve extension	200 mm	1
562 4443	Valve extension	250 mm	1
562 4450	Valve extension	300 mm	1



562 4405, 562 4412, 562 4429,
562 4436, 562 4443, 562 4450

Valve extensions with holder, flexible, steel-braided rubber hose



562 4106, 562 4113, 562 4120,



562 4209

Ref. No.	Description	Length	Bending angle	Content
562 4106	Valve extension	125 mm		1
562 4113	Valve extension	150 mm		1
562 4120	Valve extension	175 mm		1
562 4209	Extension holder, separate			1

Valve extension, flexible



Ref. No.	Description	Length	Bending angle	Content
562 4340	Valve extension, flexible	180 mm	90°	1

Valve extension holders



Ref. No.	Description	Content
212 6641	Holder, double	1
212 6557	Holder, single	1
562 4142	Holder, single • Morse clip for alloy (Wider clip)	1



212 6641



212 6557

Valve extensions EM, flexible



562 9503, 562 9510, 562 9527,
562 9541, 562 9558

Ref. No.	Description	Length	Content
562 9503	Valve extension	275 mm	1
562 9510	Valve extension	320 mm	1
562 9527	Valve extension	360 mm	1
562 9541	Valve extension	555 mm	1
562 9558	Valve extension	615 mm	1

Valve extensions EM, 5 bend



Ref. No.	Description	Length	Content
563 8199	Valve extension	19"	1

Valve extensions EM, hand bendable, large bore



563 7722 - 563 7904

Ref. No.	Description	Length	Content
563 7722	Valve extension	89 mm	1
563 7739	Valve extension	102 mm	1
563 7746	Valve extension	114 mm	1
563 7753	Valve extension	203 mm	1
563 7777	Valve extension	254 mm	1
563 7784	Valve extension	292 mm	1
563 7791	Valve extension	305 mm	1
563 7801	Valve extension	343 mm	1
563 7856	Valve extension	457 mm	1
563 7887	Valve extension	508 mm	1
563 7904	Valve extension	533 mm	1

Valve extensions EM, hand bendable



Ref. No.	Description	Length	Content
563 8312	Valve extension - 753S	8"	1
563 8319	Valve extension - 753S	10"	1
563 8340	Valve extension- 753S	14"	1
563 8326	Valve extension - 753S	19"	1
563 8333	Valve extension- 753S	25"	1

Super large bore, custom bent



Ref. No.	Description	Type	Content
563 8147	Valve extension	Flexible custom	1



563 8147

EM super large bore, rigid extension



Ref. No.	Description	Length	Content
563 8009	Rigid extension	4 1/2"	1



563 8009

Valve cores

Valve cores, car/truck

Ref. No.	Description	TR No.	Content
212 6676	Valve core, long	C 1	100
212 6470	Valve core, short	C 1	100
214 0391	Valve core, extra short HT	C 1	100



212 6676



212 6470



214 0391

Valve cores, earthmover large bore



Ref. No.	Description	TR No.	Content
562 0069	Valve core, long	C 1	10
212 6683	Valve core, short	C 1	10



562 0069



212 6683

Valve caps

Valve caps, plastic



212 6484



562 0313



562 0306



562 0375



562 0382

Ref. No.	Description	Colour	Content
212 6484	Valve cap	black	100
562 0313	Valve cap	green	100
562 0306	Valve cap	red	100
562 0375	Valve cap	orange	100
562 0382	Valve cap	blue	100

Valve caps, metal



562 0155, 212 6697



212 6477



562 0100



563 5099
caps come without graphic label

Ref. No.	Description	TR No.	Colour	Content	
562 0155	Valve cap, extra short		chromium	100	•
212 6697	Valve cap, extra short		chromium	100	
562 0203	Valve cap, short	VC 3 eq	chromium	100	
212 6477	Valve cap, long		chromium	100	
562 0100	Valve cap, screwdriver top	VC 2 eq	chromium	100	
563 5099	Valve cap, Anti-theft • Comes with locking tool		chromium	4	



562 0272

Valve caps – continued

Ref. No.	Description	Content
562 0272	Valve cap, plastic HP	100

Valve caps, metal, HEX HP



563 6242



563 5030




563 5054



563 6249



563 506 8

Ref. No.	Description	Colour	Content 
563 6242	Valve cap, Hex HP	Nickel	100 •
563 5030	Valve cap, Hex HP	Red	100 •
563 5054	Valve cap, Hex HP	Blue	100 •
563 6249	Valve cap, Hex HP	Yellow	100 •
563 506 8	Valve cap, Hex HP	Black	100 •

E

Valve caps, metal, earthmover large bore



214 7583



212 6690



562 0368




562 0351



563 7007



562 1510

Ref. No.	Description	TR No.	Content 
214 7583	Adapter	AD 1	1 •
212 6690	Valve cap, screwdriver top		10 •
562 0368	Adapter cap	AD 2	10 •
562 0351	Valve cap, screwdriver top For use with: • Adapter (562 0368)		10
563 7007	Valve cap EM Hex slotted		10 •
562 1510	Gauge EM Cap 0-160PS		1 •

Valve tools

Valve core screwdriver



Ref. No.	Description	Content
562 8102	Valve core screwdriver dual end, VG5 • Plastic grip, nickel-plated metal parts. Car, truck and EM	1
562 8116	Valve core screwdriver • Plastic grip, nickel-plated metal parts	1
562 8119	Valve core screwdriver standard/EM, VG5/VG8 • Plastic grip, burnished metal parts, with sockets for valve cores/caps	1
562 8168	Valve core screwdriver, metal	1



562 8102



562 8116



562 8119



562 8168

Valve core screwdriver "LOCK TOOL"

- The valve core is held by a spring clip when fitting or unscrewing

Ref. No.	Description	Content
562 8360	LOCK TOOL standard, VG5	1
562 8377	LOCK TOOL flexible, VG5	1
562 8384	LOCK TOOL EM, VG8	1



562 8360



562 8377



562 8384

Valve core screwdriver with torque limiter

Ref. No.	Description	Content
562 8109	VALVE SAVE Scope of delivery: • 2 Valve core screwdriver, red (Snap-in valves) • 1 Valve core screwdriver, black (metal valves) • Torque 0.25 Nm	1



562 8109

Valve repair tool

- For the repair of damaged valve threads

Ref. No.	Description	Content			
562 8054	Valve repair tool, 3-piece • Core removal tool • External thread VG8 • Internal thread VG5	1	•	•	
562 8061	Valve repair tool, 4-piece • EM valve core mounting/removal tool • External thread VG12 • Internal thread VG5/VG8	1	•	•	•



562 8054



562 8061

Valve mounting tools

Ref. No.	Description
562 8322	Valve mounting tool, alloy plastic handle
562 8308	Valve mounting tool, screw on
562 8339	Valve mounting tool, Ventifix HD
562 830 8	Valve mounting tool, Hold on
562 8301	Valve mounting tool, Hold on (Euro)
562 825 0	Valve mounting tool QUICK <ul style="list-style-type: none"> • Fast and easy mounting of Snap-in valves with valve cap attached



562 8322

562 8308



562 8339

562 830 8



562 825 0



595 3228



562 8095



562 8140

Ref. No.	Description
595 3228	Valve Nut Driver 8mm - T-handle
562 8095	Valve Extension/Nut Driver 8mm
562 8140	Valve Nut Driver 10mm
563 5061	Valve Nut Box Spanner
562 8126	Valve Cap & Nut Box Spanner Set
562 8154	TL-630 Hex Nut Driver For 500 Series Truck Valves 14 mm <ul style="list-style-type: none"> • Installation tool for tubeless clamp-in metal valves. Accommodates all lengths of tubeless truck valves including the TV-574.

562 8161	TL-632 Truck Extension Service Tool <ul style="list-style-type: none"> • This tool tightens both metric (European) and domestic type extensions. This tool is broached to engage the metric hex at the extension top and will reach the hex on a 7" U.S.A.-type extension.
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562 8147	TL-633 Valve Cap Tool <ul style="list-style-type: none"> • The TL-633 makes it easy to remove and install valve caps on inside dual wheels. Designed for aluminum wheels with small hand holes, it comes with a protective sleeve to prevent scratching. Also works great at removing tight or cross-threaded caps. Positive hold while valve is serviced. Keeps cap in tool. Length 8.25" without handle.
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562 8154



562 8161



562 8147

Valve fishing tool



- Designed to assist valve hole location when fitting tubes



562 8346



562 8315

Ref. No.	Description	Content
562 8315	Valve fishing tool	1
562 8346	Valve fishing tool - Alligator	1

E



562 8391 (in use)

Core Retracting Inflating Tool (Clip On)

- REMA TIP TOP's new CRT 'Core Retracting Tool' essentially solves the age-old problem of re-engaging the valve core into a truck or bus valve when the tyre has been inflated. This procedure is notoriously fraught with danger, as experienced tyre fitters every day run the gauntlet with the unpredictable reattachment of the valve core into the pressure loaded wheel and tyre assembly. Valves can easily spring back out at incredible force during this process and without attention could easily cause serious injury. Today even Light commercial tyres are now commonly found with pressures around 70psi, so it is imperative that enhanced safety measures are implemented especially for conventional truck/bus tyres.
- The Core Retracting Tool has been engineered for use in conjunction with an inflation device like the PCL Mk3/4 Airline Gauge or Eurodairu. It's connection with such a device intelligently facilitates the safe tyre inflation, core retraction and core reinstallation in one-simple procedure.

Ref. No.	Description	Content
562 8391	Core Retracting Inflating Tool (Clip On)	1
562 8367	Valve Core Removal Tool Special	1

Valve connectors

Clip-on connectors



- Design with collar and adjustable cover
- Pressure of sealing membrane is adjustable

Ref. No.	Description	Tube size	Content
562 5215	Clip-on connector	4.5 x 10 mm	1
562 5222	Clip-on connector	6.0 x 14 mm	1
562 5239	Clip-on connector	8.0 x 20 mm	1
562 5291	Clip-on connector, EM	8.0 x 20 mm	1
562 5112	Clip-on connector	4.5 mm	1



562 5215, 562 5222, 562 5239



562 5291



562 5112

Clip-on airline connectors

Ref. No.	Description	Tube size	Content	Car	Truck	Tractor
562 5105	Clip-on connector	8.0 x 14 mm	1	•	•	•
562 5136	Clip-on connector	8.0 x 14 mm	1	•	•	•
211 1090	Clip-on connector, open end CO2H-03	6 mm	1	•	•	•
211 1117	Clip-on connector, closed end CO2J-03	6 mm	1	•	•	•
211 1131	Clip-on connector, open end CO2E-03	4.7 mm	1	•	•	•
562 5129	Clip-on connector, EM	8 x 15 mm	1			



562 5105 silver



562 5136 brass

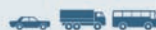


562 5277, 562 5284



562 5129

Valve deflating connector



- Quick and complete extraction of air from car, truck and tractor tubes
- Suitable for connection to all valve adapters

Ref. No.	Description	Content
562 8195	Tube deflator	1



562 8195

Deflation Aspirator



- Creates vacuum by screwing aspirator onto valve mouth and applying air chuck to threaded inlet. Fits Standard Bore valves.

Ref. No.	Description	Content
870 2238	Deflation Aspirator	1



870 2238

Tyre inflating connectors

- There are two types of connector. It is therefore important when purchasing connectors to specify whether a closed or open end type is required.
- A Closed End connector is used when air is supplied directly from a main air line (i.e. compressor or air receiver). A non-return valve unseats on connection to the tyre's valve allowing air to flow into the tyre. The handles on these connectors are red in colour.
- An Open End connector is used with MK3 Tyre Inflator, PCL wall gauges and PCL portable gauges. This connector has a pin which unseats the tyre's valve when is use. The handles on these connectors are black in colour.



211 1014



211 1052



211 1038



211 1076

Tyre inflating connectors, open end



Ref. No.	PCL No.	Description	Tyre Valve Connection	Valve Style	Inlet size
211 1014	CO1A03	Twin Hold-on Connector	Twin hold-on	Open end	Rp 1/4
211 1052	CO3A03	Twin Clip-on Connector	Twin clip-on	Open end	Rp 1/4
211 4011	SPK08	Connector Service Kit	Twin clip-on	Open end	
211 4074	SPK48	Connector Service Kit	Twin hold-on	Open end	

Tyre inflating connectors, closed end



Ref. No.	PCL No.	Description	Tyre Valve Connection	Valve Style	Inlet size
211 1038	CO1B03	Twin Hold-on Connector	Twin hold-on	Closed end	Rp 1/4
211 1076	CO3B03	Twin Clip-on Connector	Twin clip-on	Closed end	Rp 1/4



214 0401

EM Clip-on Chuck Large Bore



- Securely locks onto valve when sleeve is pushed forward, releases when sleeve is pulled back. Has 1/4" NPT female thread.

Ref. No.	Description	Content
214 0401	EM Clip-on Chuck Large Bore - Open End	1
214 0418	EM Clip-on Chuck Large Bore Service Kit	1

TPMS - Tyre Pressure Monitoring Systems

ALLIGATOR sens.it

ALLIGATOR sens.it

- The sens.it TPMS sensor provides a complete solution for the replacement of OE TPMS sensors for both small and large tyre shop chains. Significant cost savings are realised both in the form of inventory reduction and timesavings during the vehicle service cycle.
- Unlike other solutions the user does not have to exchange or re-stock parts as OE's make TPMS systems changes, or stock multiple parts to cover domestic and foreign brands!
- As the world's leading supplier of OE and Aftermarket valves ALLIGATOR has created a unique TPMS clamp in valve with an in-built programmable TPMS sensor.
- The ALLIGATOR RS1 Clamp-In valve is designed to accept OEM protocol at the point of installation via Alligator's PT1 web based programming tool. This sensor is based on ALLIGATOR's patented Clamp-In valve. The angle can be adjusted in a range of 12°- 40° and therefore fits all wheel types, including most aluminum and steel rims. The Clamp-In valve is produced using high quality aluminum and protected against corrosion by an anodized coating or chrome finish. The Clamp-In comes in a range of lengths and finishes including chrome and black.

The main benefits of sens.it are:

- Coverage of more than 90% of all foreign and domestic TPMS brands replaced by 1 sensor and valve.
- Coverage for the most common 315 MHz platform at Ford, GM, Chrysler, Toyota, Nissan and Honda
- No relearn procedure needed when using the original sensor ID
- No up-front or annual fees for software or programming
- Works with all leading TPMS tools – Bartec USA, OTC/SPX, ATEQ and K-Tool International.

ALLIGATOR sens.it currently provides coverage for the most common platforms at Chrysler, Ford, GM, Honda, Nissan and Toyota, and will extend to cover >90% of all foreign and domestic brands. In addition to providing excellent coverage for both domestic and foreign branded vehicle platforms out of the box, all future vehicle platforms and OE part numbers are automatically included.



E

Ref. No.	Description
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562 3880	ALLIGATOR sens.it
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Clamp-In Valve with Ball-Joint Attachment (RS1)	
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Diagnostic testers

PROFILER Diagnostics testers

	559 0500	559 0510
Size	120 x 35 x 200 L x W x H mm	120 x 48 x 185 L x W x H mm
Weight	500 g	500 g

Ref. No.	Description
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559 0500	PROFILER 500
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- | | |
|-----------------|---|
| 559 0500 | PROFILER 500 <ul style="list-style-type: none"> • The multi-brand diagnostics tool PROFILER 500 has been specifically designed for the needs of tyre dealers • It enables even non-specialists to make use of OBD based car diagnostics systems • The following systems and functions are covered: oil service, ABS/brakes, tyre pressure monitoring systems, ESP, wheels/tyres, power steering, suspension, A/C and others • The tool can be expanded into a complete diagnostics system including engine electronics by means of the PROFILER 500 upgrade "PLATINUM" |
|-----------------|---|

Scope of delivery:

- | | |
|-----------------|--|
| 559 0500 | <ul style="list-style-type: none"> • 1 PROFILER 500 diagnostics software on SD card • 1 EOBD cable • 1 CD with software + manuals • 1 SD card drive • 1 Battery charger 230 V • 1 Serial USB cable for connection to PC • Software updates for 1 year |
|-----------------|--|

559 0510	PROFILER TPMS
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- | | |
|-----------------|--|
| 559 0510 | <ul style="list-style-type: none"> • Activates the sensor electronics on the wheel • Receives data from wheel electronics (pressure, temperature, sensor, ID, battery) • Databases of tightening torques/replacement part numbers |
|-----------------|--|

Scope of delivery:

- | | |
|-----------------|--|
| 559 0510 | <ul style="list-style-type: none"> • 1 Battery charger 230 V • 1 User's manual |
|-----------------|--|

559 0520	PROFILER 500 MOTO
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- | | |
|-----------------|--|
| 559 0520 | <ul style="list-style-type: none"> • Multi-brand diagnostics tool for motorcycles • Precise error diagnostics of many systems • Error code display with description in clear text • The following systems and functions are covered: injection system, ABS, central ECU, reading and deleting of error codes, combined instrument, service interval, throttle basic setting, alarm system • Diagnostic functions depend on manufacturer and model |
|-----------------|--|

Scope of delivery:

- | | |
|-----------------|--|
| 559 0520 | <ul style="list-style-type: none"> • 1 Diagnostics software MOTO on SD card • 1 User's manual • 1 SD card drive • 1 Battery charger 230 V • 1 Serial USB cable for connection to PC • Cable box • Software updates for 1 year |
|-----------------|--|

For use with:

APRILIA, BENELLI, BMW, DUCATI, HARLEY DAVIDSON, HONDA, KAWASAKI, MOTO GUZZI, SUZUKI



559 0510

PROFILER TPM II Plus

The Profiler TPM-II is an indispensable tool for:

- Checking sensor operation before servicing the tyres (when a vehicle is brought in for service or repair).
- Establishing proper operation of the TPMS system when the customer picks up the vehicle.
- Determining why the "Tyre Pressure" (TPMS) light turns on.
- Ensuring that sensor provides accurate pressure and temperature readings.
- Measuring the pressure of wireless tyres (with no need to unscrew valve cap and connect a compressed air line with pressure gauge).
- Enabling time-saving, safe repair procedures with reference information (such as torque figures or part numbers) always handy to avoid damage due to improper procedures.
- Ensuring that sensors are refitted in their original positions after service (positioning tool)
- Perform a TPMS coding operation after a sensor replacement.

• The diagnostic tool activates the sensors for data transmission of:

- pressure
- temperature
- serial number
- battery condition
- G force value
- Hex and Decimal values

• The tool displays the values transmitted by the sensor

- Portable tool, means that the tyres do not have to be demounted for diagnosis
- Valve data of different vehicles and brands can be analyzed
- The tool can be updated with the required technologies via Internet and PC
- The tool is powered by rechargeable NiMH batteries

The PROFILER TPM II supports classic tyre service work, in particular:

- "typical" operations on the vehicle
- tyres (tyre change, valve change)
- position of sensors (tyre rotation)
- check of TPMS when the "tyre pressure" lamp lights up
- tyre pressure measurement (wireless)



559 0810

Ref. No.	Description
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559 0810	Profiler TPM-II Plus
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SCHRADER RTPMS



562 3960



562 3967

- Complete SCHRADER RTPMS assembly consisting of plastic case (housing the measuring circuit of the sensor) with an aluminium/Snap-in valve mounted on top of it
- Plastic cases are, in some cases, colour-coded
- The assignment depends on the vehicle make/model or type of rim (alloy or steel)

SCHRADER Valves RTPMS Renault

Ref. No.	Description	Colour
562 3960	RTPMS sensor including valve, alloy rim	black
60234-67	For use with: <ul style="list-style-type: none"> • RENAULT Laguna II, from 03/01; Scenic I, 01/97 - 05/03; Vel Satis, from 06/02; Megane I, 01/96 - 08/03; Espace IV, from 11/02 	
562 3967	RTPMS sensor including valve, steel rim	blue
42323-67	For use with: <ul style="list-style-type: none"> • RENAULT Laguna II, from 03/01; Scenic I, 01/97 - 05/03; Vel Satis, from 06/02; Megane I, 01/96 - 08/03; Espace IV, from 11/02 	

SCHRADER Valves RTPMS PEUGEOT/CITROEN/FIAT/LANCIA

Ref. No.	Description	Colour
562 3974	RTPMS sensor including valve, alloy rim	black
60311-67	For use with: <ul style="list-style-type: none"> • PEUGEOT 607 (- 09/04) • CITROEN C5 I (- 07/04); C 8, from 10/05 • FIAT Ulysse (08/02 - 09/05) • LANCIA Phedra (09/02 - 09/05) 	



562 3974

TPMS Valves CHRYSLER

Ref. No.	Description	Colour
562 3995	TPMS sensor including valve, alloy rim	black
65722-67	For use with: <ul style="list-style-type: none"> • Chrysler 300C - (06/2007 - Present) • Chrysler Grand Cherokee Jeep - (06/2006 - Present) • Chrysler Jeep Commander - (06/2006 - Present) • Jeep Grand Cherokee - (01/2002 - 12/2004) • Jeep Grand Cherokee - (01/2005 - 12/2007) 	



562 3995

SIEMENS VDO TPMS

SIEMENS VDO TPMS Valves

- To programme all current pressure sensors the Programming Set SCHRADER RTPMS & SIEMENS VDO V.4 is required
- For older versions the update EPROM to V.4 is required

TPMS Valves PEUGEOT/CITROEN/FIAT/LANCIA

Ref. No.	Description	Colour
562 3981	TPMS sensor including valve, alloy rim	black
65396-67	For use with: <ul style="list-style-type: none"> • Citroen C4 - (01/2005 - 12/2007) • Citroen C4 Hatchback - (01/2005 - 12/2007) • Citroen C5 II - (08/2004 - Present) • Citroen C6 - (11/2005 - Present) • Citroen C8 - (10/2005 - Present) • Citroen New C5 III - (01/2008 - Present) • Fiat Ulysse Nuovo - (10/2005 - Present) • Lancia Phedra - (10/2005 - Present) • Peugeot 207 - (04/2006 - Present) • Peugeot 407 - (09/2004 - Present) • Peugeot 407 SW - (01/2004 - Present) • Peugeot 407 coupé - (09/2005 - Present) • Peugeot 607 II - (10/2004 - Present) • Peugeot 807 - (10/2005 - Present) 	



562 3981

TPMS Valves FORD/LAND ROVER/VOLVO

Ref. No.	Description	Colour
562 3988	TPMS sensor including valve, alloy rim	black
65645-67	For use with: <ul style="list-style-type: none"> • Ford Galaxy - (01/2006 - Present) • Ford Mondeo IV - (01/2006 - Present) • Ford S-Max - (01/2006 - Present) • Land Rover Freelander - (01/2006 - Present) • Volvo S80 - (01/2007 - Present) • Volvo V70 - (01/2007 - Present) • Volvo XC60 - (01/2007 - Present) • Volvo XC70 - (01/2007 - Present) 	



562 3988



562 3894



TPMS Schrader Retrofit kit

Ref. No.	Description	Content
562 3894	TPMS systems monitor proper tyre pressure to maintain vehicle performance and support safety. Properly inflated tyres: <ul style="list-style-type: none"> • Improve vehicle handling • Reduce braking distances • Lower the risk of hydroplaning • Decrease tyre wear • Improve fuel efficiency 	
562 3887	Snap-in car valve for TPMS	1

BERU TSS

- Sensor unit consists of two components: the RDE wheel electronic unit and the RDV valve
- The wheel electronic unit is uniquely allocated to the respective vehicle type
- To identify the valve used for a particular rim, the valves are provided with a colour marker at the valve spud

BERU RDV Valves

- When a tyre is changed the valve core and valve cap have to be replaced



BERU RDV Valves

Ref. No.	Description	Length	Colour	Content
562 3901	Valve RDV 001 Scope of delivery: <ul style="list-style-type: none"> • 1 Valve incl. valve core • 1 Valve cap • 1 Top nut • 2 Spacer rings 	43 mm	silver	1
562 3918	Valve RDV 002 Scope of delivery: <ul style="list-style-type: none"> • 1 Valve incl. valve core • 1 Valve cap • 1 Top nut • 2 Spacer rings 	48 mm	green	1
562 3925	Valve RDV 003 Scope of delivery: <ul style="list-style-type: none"> • 1 Valve incl. valve core • 1 Valve cap • 1 Top nut • 2 Spacer rings 	49 mm	black	1
562 3932	Valve RDV 004 Scope of delivery: <ul style="list-style-type: none"> • 1 Valve incl. valve core • 1 Valve cap • 1 Top nut • 2 Spacer rings 	51 mm	orange	1

BERU Wheel Electronic Units RDE

Ref. No.	Description
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1330092	Wheel sensor RDE 001
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For use with:

- AUDI: A6 Allroad (4BH), from 04/00; RS6/RS6 plus, from 04/00; A8/S8 (4D, D2), 09/99 - 09/02; A8/S8 (4E, D3), from 10/02
- FERRARI: 550 Maranello Evo, from 03/02; 575 M Maranello, from 03/02; 612 Scaglietti, from 03/04; F 430/ F 430 Spider, from 09/05
- MERCEDES: S-Class (W220), 07/99 - 09/05; CL (C215), 07/99 - 09/05; CLS (C219), 10/04 - 05/05; SL (R230), 10/01 - 05/05; E-Class (W/ S210), 07/99 - 03/02; E-Class (W/ S211), 03/02 - 05/05; SLR (R199), from 04/04
- PORSCHE: Carrera GT, from 09/03; Boxster (987), from 02/05; 911 (997), from 02/05
- VW: Phaeton, from 06/02

1330085	Wheel sensor RDE 002
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For use with:

- BMW: 3 series (E46), 03/99 - 12/04; 5 series (E39), 09/98 - 07/03; 7 series (E38), 09/98 - 10/01; 7 series (E65), 11/01 - 11/03

1330140	Wheel sensor RDE 003
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For use with:

- BMW: X5 (E53), from 10/99



133 0092 - 133 0140
sensors

Balance weights, car

Balance weight universal, steel rim

- Universal – steel rims
- J-flange
- Coated



Ref. No.	Description	Weight	Content
565 7746	Balance weight	5 g	100
565 7753	Balance weight	10 g	100
565 7760	Balance weight	15 g	100
565 7767	Balance weight	20 g	100
565 7774	Balance weight	25 g	100
565 7781	Balance weight	30 g	100
565 7788	Balance weight	35 g	100
565 7795	Balance weight	40 g	100
565 7802	Balance weight	45 g	100
565 7809	Balance weight	50 g	100

Balance weight universal, alloy rim

- Universal – alloy rims
- J-flange
- Coated



Ref. No.	Description	Weight	Content
565 7816	Balance weight	5 g	100
565 7823	Balance weight	10 g	100
565 7830	Balance weight	15 g	100
565 7837	Balance weight	20 g	100
565 7844	Balance weight	25 g	100
565 7851	Balance weight	30 g	100
565 7858	Balance weight	35 g	100
565 7865	Balance weight	40 g	100
565 7872	Balance weight	45 g	100
565 7879	Balance weight	50 g	100

Balance weight TRAX 200, zinc - assorted, uncoated - steel rim

Ref. No.	Description	Weight	Content
565 6011	Balance weight, assorted universal	<ul style="list-style-type: none"> • 5x5g • 10x15g • 25x15g • 20x20g • 15x25g • 10x30g • 5x35g • 5x40g 	100



Balance weight TRAX 326C, zinc - assorted, coated - alloy rim

Ref. No.	Description	Weight	Content
565 6018	Balance weight, assorted universal	<ul style="list-style-type: none"> • 5x5g • 10x15g • 25x15g • 20x20g • 15x25g • 10x30g • 5x35g • 5x40g 	100



E

Balance weight TRAX 200, zinc - uncoated - steel rim

Ref. No.	Description	Weight	Content
565 7000	Balance weight	5 g	100
565 7007	Balance weight	10 g	100
565 7014	Balance weight	15 g	100
565 7021	Balance weight	20 g	100
565 7028	Balance weight	25 g	100
565 7035	Balance weight	30 g	100
565 7042	Balance weight	35 g	50
565 7049	Balance weight	40 g	50
565 7056	Balance weight	45 g	50
565 7063	Balance weight	50 g	50





Balance weight TRAX 200C, zinc - coated - steel rim

Ref. No.	Description	Weight	Content
565 7070	Balance weight	5 g	100
565 7077	Balance weight	10 g	100
565 7084	Balance weight	15 g	100
565 7091	Balance weight	20 g	100
565 7098	Balance weight	25 g	100
565 7105	Balance weight	30 g	100
565 7112	Balance weight	35 g	50
565 7119	Balance weight	40 g	50
565 7126	Balance weight	45 g	50
565 7133	Balance weight	50 g	50



Balance weight TRAX 326, zinc - assorted, uncoated - alloy rim

Ref. No.	Description	Weight	Content
565 7140	Balance weight	5 g	100
565 7147	Balance weight	10 g	100
565 7154	Balance weight	15 g	100
565 7161	Balance weight	20 g	100
565 7168	Balance weight	25 g	100
565 7175	Balance weight	30 g	100
565 7182	Balance weight	35 g	50
565 7189	Balance weight	40 g	50
565 7196	Balance weight	45 g	50
565 7203	Balance weight	50 g	50



Balance weight TRAX 326C, zinc - assorted, coated - alloy rim

Ref. No.	Description	Weight	Content
565 7210	Balance weight	5 g	100
565 7217	Balance weight	10 g	100
565 7224	Balance weight	15 g	100
565 7231	Balance weight	20 g	100
565 7238	Balance weight	25 g	100
565 7245	Balance weight	30 g	100
565 7252	Balance weight	35 g	50
565 7259	Balance weight	40 g	50
565 7266	Balance weight	45 g	50
565 7270	Balance weight	50 g	50

Balance weight HATCO ZN01, zinc - uncoated - steel rim

ECONOMY-LINE

- Plastic coated zinc universal balance weight for all steel rims

Ref. No.	Description	Weight	Content
565 8875	Balance weight	5 g	100
565 8882	Balance weight	10 g	100
565 8889	Balance weight	15 g	100
565 8896	Balance weight	20 g	100
565 8903	Balance weight	25 g	100
565 8910	Balance weight	30 g	100
565 8917	Balance weight	35 g	50
565 8924	Balance weight	40 g	50
565 8931	Balance weight	45 g	50
565 8938	Balance weight	50 g	50
565 8945	Balance weight	55 g	50
565 8952	Balance weight	60 g	50



Balance weight HATCO ZN04, zinc - coated - alloy rim

ECONOMY-LINE

- Plastic coated zinc balance weight for alloy rims

Ref. No.	Description	Weight	Content
565 8805	Balance weight	5 g	100
565 8812	Balance weight	10 g	100
565 8819	Balance weight	15 g	100
565 8826	Balance weight	20 g	100
565 8833	Balance weight	25 g	100
565 8840	Balance weight	30 g	100
565 8847	Balance weight	35 g	50
565 8854	Balance weight	40 g	50
565 8861	Balance weight	45 g	50
565 8868	Balance weight	50 g	50



Balance weight HOFMANN 661, zinc

PREMIUM-LINE

- Japanese vehicles – light-alloy rims
- JJ-flange
- Replaces type 617
- Coated



Ref. No.	Description	Weight	Content
565 7277	Balance weight	5 g	100
565 7284	Balance weight	10 g	100
565 7291	Balance weight	15 g	100
565 7298	Balance weight	20 g	100
565 7305	Balance weight	25 g	100
565 7312	Balance weight	30 g	100
565 7319	Balance weight	35 g	50
565 7326	Balance weight	40 g	50

Balance weight TRAX 340C, Japanese and thick section alloy wheels (plastic coated)

PREMIUM-LINE

- Designed to fit thicker section alloy rim horns 6.5/7.5mm, as found on many Japanese cars, Nissan, Honda and Toyota.
- Plastic coated to OE standards.



Ref. No.	Description	Weight	Content
565 9176	Balance weight	10 g	25
565 9183	Balance weight	15 g	25
565 9190	Balance weight	20 g	25
565 9197	Balance weight	25 g	25
565 9204	Balance weight	30 g	25
565 9211	Balance weight	35 g	25
565 9218	Balance weight	40 g	25

Balance weights with separate clip, car

- Balance weights are supplied without clips – please order separately

Balance weight TRAX 260, zinc

PREMIUM-LINE

- VW/SEAT/SKODA - steel rims (clip V3)
- AUDI - steel rims (clip F3)
- BMW - steel rims (clip BS)
- BMW - light-alloy rims (clip BA)
- Replaces type 213
- Coated

Ref. No.	Description	Weight	Content
565 7333	Balance weight	5 g	100
565 7340	Balance weight	10 g	100
565 7347	Balance weight	15 g	100
565 7354	Balance weight	20 g	100
565 7361	Balance weight	25 g	100
565 7368	Balance weight	30 g	100
565 7375	Balance weight	35 g	50
565 7382	Balance weight	40 g	50
565 7431	Balance weight series 260 COATED CLIP		100



E

Balance weight TRAX 261, zinc

PREMIUM-LINE

- MERCEDES - steel rims (clip M1)
- MERCEDES - light-alloy rims (clip MA)
- Replaces type 225, 230
- Coated

Ref. No.	Description	Weight	Content
566 8671	Balance weight	10 g	100
566 8678	Balance weight	15 g	100
566 8685	Balance weight	20 g	100
566 8692	Balance weight	25 g	100
566 8699	Balance weight	30 g	100
566 8706	Balance weight	35 g	50
566 8713	Balance weight	40 g	50
566 8727	Balance weight	50 g	50
566 8734	Balance weight	60 g	50
566 8720	Balance weight, 261 coated clip		100





Balance weight, French, zinc

Ref. No.	Description	Weight	Content
566 8741	Balance weight, assorted, with clip	up to 50g	200
566 8748	Balance weight clips		100

Adhesive weights, car

Adhesive weight HOFMANN 361, zinc



PREMIUM-LINE

- Replaces type 322, 330, 329-5
- Coated

Ref. No.	Description	Temperature range	Size	Weight	Content
565 7389	Adhesive weight	-40 to +250 °C	18 x 3.8 W x H mm	5 g	100
565 7396	Adhesive weight	-40 to +250 °C	18 x 3.8 W x H mm	10 g	100
565 7403	Adhesive weight	-40 to +250 °C	18 x 3.8 W x H mm	15 g	100
565 7410	Adhesive weight	-40 to +250 °C	18 x 3.8 W x H mm	20 g	100
565 7417	Adhesive weight	-40 to +250 °C	18 x 3.8 W x H mm	25 g	100
565 7424	Adhesive weight	-40 to +250 °C	18 x 3.8 W x H mm	30 g	100
565 9239	Adhesive weight	-40 to +250 °C	18 x 3.8 W x H mm	35 g	50
565 9246	Adhesive weight	-40 to +250 °C	18 x 3.8 W x H mm	40 g	50

Adhesive weights, bars, car



Adhesive weight, stainless steel

ECONOMY-LINE

- Steel

Ref. No.	Description	Temperature range	Size	Weight	Segments	Content
565 6095	Adhesive weight	-40 to +250 °C	19 x 4 W x H mm	60 g	4 x 5 g + 4 x 10 g	100
565 6116	Adhesive weight	-40 to +250 °C	19 x 4 W x H mm	60 g	4 x 5 g + 4 x 10 g	50

Adhesive weight, stainless steel



PREMIUM-LINE

- Steel

Ref. No.	Description	Temperature range	Size	Weight	Segments	Content
565 6050	Adhesive weight	-40 to +250 °C	19 x 4 W x H mm	60 g	4 x 5 g + 4 x 10 g	100

Adhesive weight, steel



STANDARD-LINE

- Powder-coated

Ref. No.	Description	Temperature range	Size	Weight	Segments	Content
565 6137	Adhesive weight	-40 to +250 °C	18 x 4 W x H mm	60 g	12 x 5 g	100

Adhesive weight, lead free, slim



PREMIUM-LINE

- Steel

Ref. No.	Description	Temperature range	Size	Weight	Segments	Content
565 6074	Adhesive weight	-40 to +250 °C	19 x 3 W x H mm	60 g	12 x 5 g	100

Adhesive weight, TRAX 605E, Universal Adhesive Strip



PREMIUM-LINE

- Plastic coated

Ref. No.	Description	Temperature range	Size	Weight	Segments	Content
565 6109	Adhesive weight	-10 to +250 °C	20 x 3.8 W x H mm	60 g	12 x 5 g	50

Adhesive weight, HOFMANN 365-2, zinc/93Z Franken



PREMIUM-LINE

- Zinc plastic coated

Ref. No.	Description	Temperature range	Size	Weight	Segments	Content
565 7928	Adhesive weight HOFMANN 365-2/93Z Franken	-40 to +250 °C	11 x 3.8 W x H mm	45 g	3 x 5 g 3 x 10 g	100



Adhesive weight, stainless steel

PREMIUM-LINE

- Steel

Ref. No.	Description	Temperature range	Size	Weight	Segments	Content
566 7050	Adhesive weight	-40 to +250 °C	18 x 3 W x H mm	60 g	12 x 5 g	20

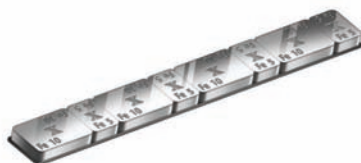


Adhesive weight HOFMANN 363-2, zinc

PREMIUM-LINE

- Zinc

Ref. No.	Description	Temperature range	Size	Weight	Segments	Content
565 7921	Adhesive weight HOFMANN 363-2	-40 to +250 °C	15 x 6.1 W x H mm	45 g	3 x 5 g + 3 x 10 g	100



Adhesive weight, TRAX 630E, car and motorcycle

PREMIUM-LINE

- A 4.8mm high strip weight to be used where brake caliper clearance is not a

problem. Only 15mm wide, this weight is also ideal as a universal weight for motor-cycles.

Ref. No.	Description	Temperature range	Size	Weight	Segments	Content
565 6151	Adhesive weight TRAX 630E		15 x 4.8 W x H mm	60 g	4 x 5 g + 4 x 10 g	50



Adhesive weight, TRAX 635C, black plastic coated, car & motorcycle

PREMIUM-LINE

- Plastic coated, steel

Ref. No.	Description	Temperature range	Size	Weight	Segments	Content
565 6102	Adhesive weight TRAX 635C	-10 to +250 °C	15 x 4.8 W x H mm	60 g	4 x 5 g + 4 x 10 g	50

Adhesive weights, rolls, car

Adhesive weights roll, zinc

STANDARD-LINE

- Coated

565 6130



Ref. No.	Description	Temperature range	Size	Weight	Segments
565 6130	Adhesive weights roll 605E	-10 to +250 °C	20 x 3.8 W x H mm	5000 g	1000 x 5 g

Adhesive weights, bars, motorcycle

Adhesive weight type 715-5, lead

PREMIUM-LINE

- Uncoated



Ref. No.	Description	Temperature range	Size	Weight	Segments	Content
705 258 7	Adhesive weight 715-5	-40 to +250 °C	11 x 6.1 W x H mm	50 g	7 x 5g + 6 x 2.5g	25

Adhesive weight, off road racing

PREMIUM-LINE

- Uncoated



Ref. No.	Description	Temperature range	Size	Weight	Segments	Content
565 6494	Adhesive weight	-40 to +250 °C	20 x 3 W x H mm	60 g	4 x 5 g + 4 x 10 g	100

Balance weights, truck

Balance weight universal 810

Ref. No.	Description	Weight	Content
705 6002	Balance weight	50 g	20
705 6019	Balance weight	75 g	20
705 6026	Balance weight	100 g	20
705 6040	Balance weight	150 g	20
705 6057	Balance weight	200 g	20
705 6064	Balance weight	250 g	20
705 6071	Balance weight	300 g	20
705 6088	Balance weight	350 g	20
705 6095	Balance weight	400 g	20
705 6105	Balance weight	500 g	20



Adhesive weights, truck, bus

Adhesive weight type 551-5, lead

PREMIUM-LINE

- Coated



Ref. No.	Description	Temperature range	Weight	Content
705 4200	Adhesive weight 551-5	-40 to +250 °C	50 g	10
705 4217	Adhesive weight 551-5	-40 to +250 °C	75 g	10
705 4224	Adhesive weight 551-5	-40 to +250 °C	100 g	10
705 4190	Adhesive weight 551-5	-40 to +250 °C	125 g	10
705 4231	Adhesive weight 551-5	-40 to +250 °C	150 g	10
705 4248	Adhesive weight 551-5	-40 to +250 °C	200 g	10
705 4255	Adhesive weight 551-5	-40 to +250 °C	250 g	10
705 4286	Adhesive weight 551-5	-40 to +250 °C	300 g	10

Balance weights with separate clip, truck, bus

Balance weight type 556, lead

PREMIUM-LINE

- ALCOA – light-alloy rims (clip type 557)
- Suitable for inner and outer rim flange (until model year 1997)

- Coated
- Weights are supplied with clip



Ref. No.	Description	Weight	Content
705 4451	Balance weight, 556	75 g	10
705 4468	Balance weight, 556	100 g	10
705 4475	Balance weight, 556	125 g	10

Spoke weights, motorcycle

Spoke weight HOFMANN 711, lead

PREMIUM LINE

- For compensation of static imbalance

- For spoke nipple dia. 6.4 mm
- Bright chromium-plated



Ref. No.	Description	Weight	Content
705 3108	Spoke weight 711	5 g	25
705 3115	Spoke weight 711	10 g	25
705 3122	Spoke weight 711	15 g	25
705 3115	Spoke weight 711	20 g	25

EQUAL granular polymer, truck, bus

EQUAL granular polymer

- Dry granular polymer, developed for application in truck and bus tyres
- Works for the life of the tyre
- Less vibrations for a smoother ride
- Damped-down tyre movements reduce tread wear
- Longer tread life decreases costs per mile
- Continuous balance eliminates rebalancing
- Granules and material do not cause abrasion inside the tyre

For package sizes please refer to the Application Chart on page 377.



Ref. No.	Description	Weight	Content
750 2910	EQUAL A	12oz	1
750 2927	EQUAL B	10oz	1
750 2958	EQUAL C	8oz	1
750 2965	EQUAL D	6oz	1
750 2972	EQUAL E	4oz	1
750 2989	EQUAL F	3oz	1

EQUAL Filling devices and accessories

Ref. No.	Description	Content
750 3012	EQUAL filling pump <ul style="list-style-type: none"> • Filling pump for application of the product through the valve 	
750 3029	Valve extension, with filter <ul style="list-style-type: none"> • Prevents contamination of the valve and leakage 	
750 3036	Valve extension - Nickel, with filter <ul style="list-style-type: none"> • Prevents contamination of the valve and leakage 	

Accessories:

750 3043	Humidity filter block 50, 1/4" <ul style="list-style-type: none"> • For normal quantities of air, e.g. tyre inflation and air buffer 	
750 3050	Spare filter For use with: <ul style="list-style-type: none"> • Humidity filter block 50, 1/4" (566 0081) 	2



750 3012



750 3043



7750 3050



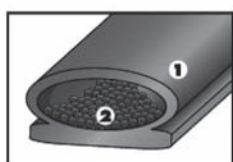
750 3029
750 3036

Adhesive weights XACTBalance, car

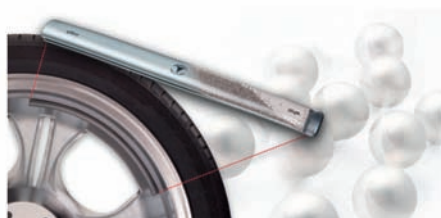
- Tape-on balancing weight with dynamic properties
- Freely moving steel particles enclosed in a thermoplastic shell
- The adhesive allows repositioning during the balancing process
- Performs as mass balancer in static and dynamic mode with any balancing equipment
- Provides a more precise and longer lasting balance than traditional weights because the dynamic particles can adjust to changing driving conditions
- The dynamic filling breaks the frequencies caused by vibration, on which traditional balancing has no influence
- Environmentally friendly

Adhesive weights XACTBalance

PREMIUM-LINE



1. Flexible thermoplastic cartridge
2. Steel media that act as a balancer



Ref. No.	Description	Weight	Size	Content
566 8400	XACTBalance	5 g	9.5 x 16 x 51 H x W x L mm	25
566 8410	XACTBalance	10 g	9.5 x 16 x 51 H x W x L mm	25
566 8420	XACTBalance	15 g	9.5 x 16 x 64 H x W x L mm	25
566 8430	XACTBalance	20 g	9.5 x 16 x 76 H x W x L mm	25
566 8440	XACTBalance	25 g	9.5 x 16 x 102 H x W x L mm	25
566 8450	XACTBalance	30 g	9.5 x 16 x 102 H x W x L mm	25
566 8460	XACTBalance	35 g	9.5 x 16 x 140 H x W x L mm	25
566 8470	XACTBalance	40 g	9.5 x 16 x 165 H x W x L mm	25
566 8480	XACTBalance	45 g	9.5 x 16 x 165 H x W x L mm	25
566 8490	XACTBalance	50 g	9.5 x 16 x 190 H x W x L mm	25
566 8500	XACTBalance	55 g	9.5 x 16 x 216 H x W x L mm	25
566 8510	XACTBalance	60 g	9.5 x 16 x 216 H x W x L mm	25
566 8520	XACTBalance	65 g	9.5 x 16 x 241 H x W x L mm	25
566 8530	XACTBalance	70 g	9.5 x 16 x 267 H x W x L mm	25
566 8540	XACTBalance	75 g	9.5 x 16 x 292 H x W x L mm	25
566 8550	XACTBalance	80 g	9.5 x 16 x 292 H x W x L mm	25
566 8560	XACTBalance	85 g	9.5 x 16 x 305 H x W x L mm	25

Balance weights XACTBalance packages

Ref. No. Description

566 8570 XACTBalance package STANDARD

Scope of delivery:

- 566 8400 10 XACTBalance 5 g
- 566 8410 10 XACTBalance 10 g
- 566 8420 20 XACTBalance 15 g
- 566 8430 20 XACTBalance 20 g
- 566 8440 20 XACTBalance 25 g
- 566 8450 20 XACTBalance 30 g
- 566 8460 20 XACTBalance 35 g
- 566 8470 20 XACTBalance 40 g
- 566 8480 20 XACTBalance 45 g
- 566 8490 20 XACTBalance 50 g
- 566 8500 20 XACTBalance 55 g
- 566 8510 10 XACTBalance 60 g
- 566 8520 10 XACTBalance 65 g
- 566 8530 10 XACTBalance 70 g
- 566 8540 10 XACTBalance 75 g
- 566 8550 10 XACTBalance 80 g
- 566 8560 10 XACTBalance 85 g
- 566 8580 1 XACTBalance positioning tool
- 566 8590 1 XACTBalance cleaner



566 8600 XACTBalance Package MINI

Scope of delivery:

- 566 8400 5 XACTBalance 5 g
- 566 8410 5 XACTBalance 10 g
- 566 8420 10 XACTBalance 15 g
- 566 8430 10 XACTBalance 20 g
- 566 8440 10 XACTBalance 25 g
- 566 8450 10 XACTBalance 30 g
- 566 8460 10 XACTBalance 35 g
- 566 8470 10 XACTBalance 40 g
- 566 8480 10 XACTBalance 45 g
- 566 8490 10 XACTBalance 50 g
- 566 8500 10 XACTBalance 55 g
- 566 8510 5 XACTBalance 60 g
- 566 8520 5 XACTBalance 65 g
- 566 8530 5 XACTBalance 70 g
- 566 8540 5 XACTBalance 75 g
- 566 8550 5 XACTBalance 80 g
- 566 8560 5 XACTBalance 85 g
- 566 8580 1 XACTBalance positioning tool
- 566 8590 1 XACTBalance cleaner

Accessories – Balance weights XACTBalance

Ref. No. Description

Content

566 8580 XACTBalance positioning tool

- Makes it possible to position XACTBalance weights parallel to the edge of the rim

566 8590 XACTBalance cleaner

950 ml

- Highly efficient rim cleaner
- Environmentally friendly
- Avoids corrosion
- Leaves no residue



566 8580

566 8590

Balance weight tools



750 2903

Balance weight pliers

- For mounting, removing and relocating balance weights on the rim
- For expanding and compressing of clips

Ref. No.	Description
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750 2903	Balance weight pliers
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565 4468

Adhesive balance weight remover

Ref. No.	Description
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565 4468	Adhesive balance weight remover
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- For easy removal of adhesive weights without damage to the rim



565 0943

Clip remover type 331/43

- For fitting/removal of balance weights with separate clip

Ref. No.	Description
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565 0943	Clip remover 331/43
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Chemical products, safety at work

Protecting, cleaning.....	160 – 163
and caring	
Mounting/Demounting.....	164 – 168
Leak detector.....	169
Tyre sealants.....	169
Tyre paint.....	172
Workshop Products.....	173
Car care.....	174
Safety protection	
aids.....	175
Roadside/workshop safety.....	176
Workshop cleaning products.....	177
Workshop cleaning tools and.....	177
accessories	
Car service interior protection.....	179
Oil dispensing aids.....	179
Hand protection.....	180
Winter products.....	181 – 182

Outstanding products



Hand Cleaner SUPER Page 160



MONT 2000 Page 166



TT SEAL MOBILE KIT Page 171

Protecting, cleaning and caring

Hand Cleaner SOFT



593 0498



593 0450

- Contains vegetable oils
- Without additional solvents
- Extremely mild and gentle to the skin
- Does not clog drains or outlets
- Alkali-free and adapted to the pH of the skin
- With citric acid to preserve the skins natural resistance
- Extremely economical (approx. 2 grams are enough)

Ref. No.	Description	Units	Content
593 0498	Hand Cleaner SOFT	1 or 12	500 ml plastic can
593 0450	Hand Cleaner SOFT	1 or 33	11 l bucket

Hand Cleaner SUPER



593 0443

- With orange fragrance, removes even the toughest dirt such as soot, paint, printing ink, tar, bitumen, underseal etc.
- Hand Cleaner SUPER cleans down to the pores, is easy to rinse off, does not contain sand and therefore will not clog drains or outlets

Ref. No.	Description	Units	Content
593 0443	Hand Cleaner SUPER	1 or 33	11 l bucket

Accessories:

593 0467	Hand Cleaner dispenser
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593 0467

Hand Cleaner TOP CLEAN



593 2001



593 2018

- Efficient, cream formula hand cleaner which does not attack the skin
- Removes toughest soiling such as oil, grease, tar, resin, paint etc.
- Cleans with mild ingredients and very fine abrasive materials with no organic solvents
- Contains no sand and therefore does not clog outlets or drains
- Over 90 % of the ingredients are biodegradable

Ref. No.	Description	Units	Content
593 2001	Hand Cleaner TOP CLEAN		250 ml tube
593 2018	Hand Cleaner TOP CLEAN	1 or 8	5 l bucket
593 2025	Hand Cleaner TOP CLEAN	1 or 33	10 l bucket

Accessories:

593 2063	Dispenser TOP CLEAN
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593 2063

Hand protection

- Swarfega Power is a heavy duty hand cleanser containing non-abrasive and biodegradable cornmeal scrub, with skin conditioners. Removes a wide range of deeply ingrained soilings.

Ref. No.	Description	Content
593 0405	SWARFEGA Power	4 litre



593 0405

- Naturally Powerful Swarfega Orange advanced formulation. Made from natural ingredients this hand cleaner will remove oil, grease and general soiling quickly.
- Solvent Free Swarfega Hand Cleaner. This solvent free cleaner will not dry out your skin. This creamy orange hand cleaner is perfumed and will leave your hands feeling fresh after each use. Even though this Swarfega hand cleaner contains micro-polymer granules which have scrubbing properties, the stubborn dirt will be removed without causing damage to the skin. Leaves hands feeling moisturised.

Ref. No.	Description	Content
593 0412	SWARFEGA Orange	4 litre



593 0412

Ref. No.	Description	Content
593 0395	SWARFEGA 4000 Handwash Dispenser <ul style="list-style-type: none"> • Designed to take 4Ltr cartridges. Easy to install and refill and vandalproof. 	4 litre capacity



593 0395

(product may vary from image)

Hand cleaner

Ref. No.	Description	Content
596 6029	SWARFEGA Original Smooth Gel Rapid - Squeezy	300ml



596 6029

Hand Cleaner Orange



593 0086
593 0093
593 0100

- A ready to use natural solvent based heavy-duty skin cleanser with polythene granules for enhanced skin cleansing.

Key properties

- A water based blend of non-ionic surfactants, and natural solvents.
- Contains 'Polybeads'
- Designed for general use.
- Pleasant orange fragrance

Benefits

- Excellent removal of ingrained oil, grease and heavy soiling
- 'Polybeads' give a skin-friendly scrub ability to aid dirt removal
- Powerful cleaning performance yet gentle on the skin
- Easy to pump / dispense.
- Pleasant orange fragrance leaves hands smelling fresh & clean

Ref. No.	Description	Content
593 0086	Hand Cleaner Orange	3 litre
593 0093	Cage Hand Cleaner Orange	
593 0100	Pump Hand Cleaner Orange	

Swarfega Instant Foam



593 0058



593 0065

- Kills 99.99% of germs immediately
- Instant Action - Starts working immediately to rapidly kill bacteria, yeast and moulds
- Conditions - Contains conditioner to help prevent dryness and leave the skin feeling soft and smooth for an excellent after feel
- Quick Drying - Dries quickly with no need for rinsing or drying with towels
- Convenient - high viscosity gel spreads easily over the hands to achieve rapid disinfection of the skin
- Unperfumed - Contains no perfumes that can taint food
- Gel Formulation - Economical and convenient method of rapidly disinfecting

clean skin

- Dermatologically Tested - Formula has been tested to prove it is non-irritant
- Full Microbial Testing - Tested to the highest European Standards for anti-microbial activity; proven to kill 99.999% (log 5 reduction) of food poisoning bacteria, yeast and moulds
- Mild Formula - contains glycerin and panthenol to soothe the skin and keep it moist and supple
- Alcohol Based Formula - Highly effective blend of ethanol and propanol for broad spectrum germicidal activity

Ref. No.	Description	Content
593 0058	Swarfega Instant Foam	1 litre
593 0065	Swarfega Instant Foam dispenser	1 litre

Deb Protect Barrier Cream



593 0388

(product may vary from image)



593 0371

- General purpose pre-work skin cream offering protection against both wet and dry soilings. Quickly absorbs into the skin to leave a non-greasy after feel. Silicone

-free formula for safe use in paint shops. Convenient cartridge format to fit the Deb Protect dispenser.

Ref. No.	Description	Content
593 0371	Deb Protect Barrier Cream	1 Litre
593 0388	Deb Protect Barrier Cream Dispenser	

Hand protection

- Deb Proteks Wet is a pre-work cream for wet work. It is an ointment based product that is easily applied and quickly rubbed in

leaving no greasy after-feel. Contains silicone which is a good water repellent, making it ideal for wet work situations.

Ref. No.	Description	Content
593 0371	Deb Proteks Wet	2.5 kg



593 0371

PRIME SHIELD

- PRIMESHIELD is an innovative product designed to replace latex gloves and associated hand cleaning products, protecting and replenishing working hands in the toughest of environments.

Ref. No.	Description	Content
593 0009	Primeshield Liquid Glove	100 ml
593 0016	Primeshield Liquid Glove	250 ml
593 0023	Primeshield Liquid Glove	500 ml



593 0009



F

Hand wipes

- Strong, portable and gentle on the skin
- Tough on grease and grime, inks paints, silicone, adhesives

- Sanitising Action
- Multi-purpose wipe. Quickly cleans hands without additional agents

Ref. No.	Description	Wipe Size	Wipes	Format
593 0770	Hand wipes industrial	30x25cm	150	bucket
593 0763	Hand wipes abrasive heavy duty	30x25cm	70	bucket



593 0770

Mounting/Demounting

- REMA TIP TOP offers mounting pastes and creams for mounting all types and sizes of tyres
- These mounting lubricants are developed in our own laboratories and tested in the field
- Specifically designed for the respective tyre fitting applications and conditions
- Developed to cater for different tools, equipment and tyre/rim assemblies, thus avoiding costly damage during the mounting process



593 0632

REMAXX UNIVERSAL



- Approved by MERCEDES-BENZ (trucks) and PORSCHE
- For fast, gentle and easy fitting and demounting of all standard tyre/rim combinations
- Non-spattering
- Chemically neutral with respect to rubber and metal
- Excellent lubrication for mounting and demounting operations = fewer injuries
- Promotes adhesion between rim and tyre, prevents tyre slippage

Ref. No.	Description	Content
593 0591	REMAXX mounting paste UNIVERSAL	1 kg bucket
593 0632	REMAXX mounting paste UNIVERSAL	5 kg bucket
593 1765	REMAXX mounting paste UNIVERSAL BLACK	5 kg bucket



593 0577

REMAXX SPORT



- Facilitates mounting and demounting of extremely wide tyres on standard tyre changers
- Increased lubrication at the beginning of the mounting operation
- Fast-drying and non-spattering

Ref. No.	Description	Content
593 0577	REMAXX mounting paste SPORT	3.5 kg bucket



596 6081

TYRE COMPOUND



- Can be used as a "flexible pump ring" for all tyre mounting operations
- Stiff paste with stable viscosity to seal the gap between tyre bead and rim edge

Ref. No.	Description	Content
596 6081	TYRE COMPOUND	10 kg bucket

REMAXX MONTSEAL



- Durably seals minor leaks where the bead is seated on the rim
- Proven tyre mounting paste with additional bead sealing properties
- Ideal for mounting retreads or tyres on old rims



593 1332

Ref. No.	Description	Content
593 1332	REMAXX mounting paste MONTSEAL	5 kg bucket

REMAXX TRUCK



- Developed for long sliding distances with high friction between tyres and rims, extreme mounting conditions etc.
- New, effective sliding coat
- Makes tyre mounting/demounting easier, thus reducing wear to the equipment
- Chemically neutral to rubber, steel and aluminium
- Economic usage

Caution:

Due to the high sliding effect not to be used for car or motorcycle tyres, tractor driving wheels, industrial or EM tyres with hose!



593 0515

Ref. No.	Description	Content
593 0515	REMAXX mounting cream TRUCK	5 kg bucket

REMAXX CREAM-W



- Higher viscosity combining the properties of a paste and a cream
- Application to the side wall of SE tyres ensures the turn-up effect



593 0508

Ref. No.	Description	Content
593 0508	REMAXX mounting CREAM-W	5 kg bucket

REMAXX CREAM-W-EM



- Mounting cream for large EM tyres
- Cream-type viscosity allows quick application to large areas
- Good mounting/demounting properties, stable viscosity



593 0539

Ref. No.	Description	Content
593 0539	REMAXX mounting CREAM-W-EM	5 kg bucket



593 0553

REMAXX WAX-H



- For all standard mounting applications on two-wheel vehicle and car tyres
- Becomes transparent when dry

Ref. No.	Description	Content
593 0553	REMAXX mounting WAX-H	5 kg bucket



593 1851

REMAXX MONT 2000



- For all standard mounting applications to car and truck tyres
- Cost-effective for big order quantities

Ref. No.	Description	Content
593 1851	REMAXX mounting wax MONT 2000	5 kg bucket



593 2032

AEROWAX



- Excellent lubrication
- Dries fast
- Reduces wear to wheels and tyre changers
- Easy demounting
- Economic usage
- Chemically neutral to rubber and metal

Ref. No.	Description	Content
593 2032	AEROWAX	5 kg bucket

Mounting Bead Grease



- Demounting-Fluid with excellent flow properties for demounting tyres which are stuck on their rims
 - Demounted tyre stays completely serviceable
 - REMA TIP TOP Demounting-Fluid does not attack the rubber structure of the beads
 - Free from mineral oil
 - Extremely economical
- Caution:**
Because of its high lubricating effect, Demounting-Fluid must not be used for mounting purposes. The tyre may slip off the rim when rolling!

Ref. No.	Description	Content
596 6098	Mounting Bead Grease, soft	5 kg
596 6060	Mounting Bead Grease, hard	5 kg
596 6149	Mounting Bead Grease	12.5 kg
596 6166	Mounting Bead Grease, soft	25 kg
596 6159	Mounting Bead Grease	180 kg

Tiger Grease - MICHELIN



- For all standard mounting applications on two-wheel vehicle and car tyres
- Becomes transparent when dry

Ref. No.	Description	Content
596 6067	Tiger Grease - MICHELIN	4 kg bucket



596 6067

Bead Paste - ECONOMY



- Tip Top Black Bead Paste may be used for mounting and demounting all types and sizes of tyres.
- Due to it's colour, it leaves no visible residue on the tyre after mounting.

Ref. No.	Description	Content
593 0546	Bead Paste - ECONOMY	5 kg
593 0044	Bead Paste - ECONOMY, Black	5 kg



593 0044

Wheel Seal - ECONOMY



- Creates an airtight seal on both alloy wheels and corroded steel rims.

Ref. No.	Description	Content
596 6077	Wheel Seal - ECONOMY	5 kg
596 6180	Wheel Seal - ECONOMY, Black	5 kg



596 6077

Mounting lubricant BIBUP

Ref. No.	Description	Content
222 0177	Mounting lubricant BIBUP	400 ml spray



222 0177

TIP TOP Liquid Bead Lubricant



- Formulated for the easy mounting of all tyre types.
- Dilutable.

Ref. No.	Description	Content
593 0663	TIP TOP Liquid Bead Lubricant	5 Litre
593 0670	TIP TOP Liquid Bead Lubricant	25 Litre



593 0663



593 0072

REMAXX ANTI-GLISS LUBE



- Bead bonding agent on resin base
- Applied with a brush to the cleaned rim seat and tyre bead before mounting
- Do not additionally use a mounting agent such as mounting paste or mounting fluid

- The tyre is then mounted within up to 30 minutes before REMAXX ANTI-GLISS LUBE dries, leaving a viscous bonding coat

Ref. No.	Description	Content
593 0072	REMAXX ANTI-GLISS LUBE	500 g tin



593 0397

REMAXX LUBRICANT-SE



- Liquid lubricant for easy mounting of SE and SIT tyres
- Effective, long-lasting gliding film

- Reduces the pressure required to mount the tyre

Ref. No.	Description	Content
593 0397	REMAXX LUBRICANT-SE	1 Litre



593 5541

REMAXX Demounting-Fluid



- Demounting-Fluid with excellent flow properties for demounting tyres which are stuck on their rims
- Demounted tyre stays completely serviceable
- REMA TIP TOP Demounting-Fluid does not attack the rubber structure of the beads

- Free from mineral oil
- Extremely economical

Caution:

Because of its high lubricating effect, Demounting-Fluid must not be used for mounting purposes. The tyre may slip off the rim when rolling!

Ref. No.	Description	Content
593 5541	REMAXX Demounting-Fluid	5 l can

Brushes for solutions



595 8360



593 0625



593 0618

Ref. No.	Description	Content
595 8360	Mounting Paste Brush • Car, Low Profile	1
593 0625	Mounting Paste Brush • Car	1
593 0618	Mounting Paste Brush • Truck	1

Leak detector

Leak Detector

- Clearly visible, high foam quality thanks to very stable, microporous foam
- Instantly shows up leakages up to a flow rate of 0.0015 cm³/sec (even at a pressure of under 5 mbar)
- Detects the smallest leaks e.g. in gas and compressed air lines, pressurized tanks, pipes, valves and screw fittings
- Easy to use and reliable

Ref. No.	Description	Content
999 9442	Leak Detector	1 litre



999 9442

Tyre sealants

REMAXX BEAD SEALER



- Spreadable sealant for sealing leaks caused by ageing or wear on the beads
 - Applied to the bead and bead seat before the tyre is inflated
 - During inflation the solid matter contained in the solution is pressed into the uneven areas and seals them
- Safety instruction:**
- As REMAXX BEAD SEALER is flammable, do not use it to fill the tyre
 - Also do not use it to seal larger bead injuries caused during tyre mounting, cuts extending to the fabric etc.

Ref. No.	Description	Content
593 0807	REMAXX BEAD SEALER	1 Litre



593 0807

BEAD SEALER

Ref. No.	Description	Content
593 0687	BEAD SEALER	1 Litre
593 0694	BEAD SEALER	946 ml



593 0694



593 1208



593 1215



593 1222

STS Tyre Sealant

- STS Tyre sealant seals major air loss around the beads and O'rings, conditions the innerliner and maintains the air pressure after punctures, all of which help to control costly downtime. STS seals punctures up to 3/16", prevents wheel and rim rusting and eases the detection of

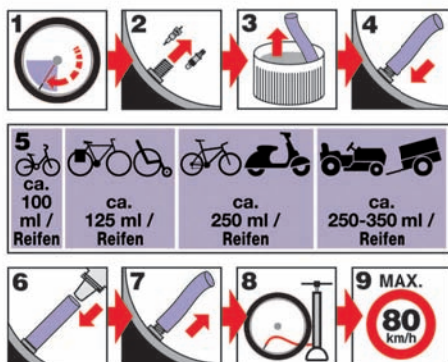
sealed holes to maintenance engineers. STS Tyre Seal offers proven protection from airloss for fleet tyres used in, Trucking, Construction, Logging, Mining, Farming, Sanitation, Lawn/Turf Care, Public Works and recreational vehicles.

Ref. No.	Description	Content
593 1208	STS Tyre Sealant	20 litre
593 1215	STS Tyre Sealant pump unit	

Tyre Sealant

Ref. No.	Description	Content
593 1222	Tyre Sealant	12 x 300 ml

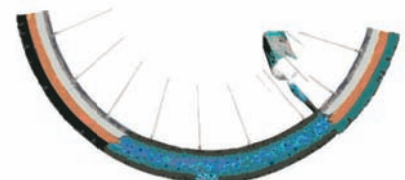
Tyre sealant TT SEAL






- Preventive tyre sealant for tube-type and tubeless tyres
- Helps to avoid costs arising from the break-down of expensive vehicles and machines
- Reduces the risk of tyre failures due to slow air loss, e.g. from smaller punctures
- Automatically seals smaller injuries
- Stays effective during the whole service life of a tyre
- Affects neither existing tyre repairs nor the reparability of a tyre

- Contains anti-corrosive agents for protection of rims and metal parts
- Free of CFC and aromatic compounds
- A detailed list of quantities required for each tyre sizes is enclosed

Caution: Approved for a maximum speed of 80 km/h



Ref. No.	Description	Content			
593 1239	TT SEAL, in display box Scope of delivery: • 1 Adapter tube	250 ml tube	•		•
593 2670	TT SEAL Scope of delivery: • 1 Adapter tube	1000 ml bottle			•

TT SEAL MOBILE KIT

- Complete puncture kit with OEM quality
- Time-saving and convenient sealing of minor injuries on car, SUV and OTR tyres
- Valve core does not have to be removed
- Simple and reliable operation by single button
- With illuminated pressure gauge and additional LED lamp to light up the work area
- Tyre repair possible, if considered feasible after inspection, because the water-based sealant can be washed off with water
- Shelf life of sealant: eight years

Caution: Maximum driving speed following temporary repair: 80 km/h

	593 1300
Length	3500 mm (Power cable); 700 mm (Filler tube)
Operating pressure	6 bar (Safety cut-off pressure 7 bar)
Electric power/connection	12 V
Size	254 x 100 x 188 W x D x H mm
Weight	2.2 kg

Ref. No.	Description	Content
593 1300	TT SEAL MOBILE KIT Scope of delivery: <ul style="list-style-type: none"> • 1 Integrated compressor 12 V • 1 Sealant bottle 700 ml • 1 Four-piece adapter set • 1 Protective soft bag 	
593 1040	Sealant bottle, with sealant	700 ml
593 1285	Valve adapter set Scope of delivery: <ul style="list-style-type: none"> • 4 Different adapters 	



593 1300



593 1040



593 1285

DRIVESAFE TYRE SEALANT

- DRIVESAFE TYRE SEALANT can be used pre puncture and post puncture.
- DRIVESAFE TYRE SEALANT is environmentally friendly, it is water soluble and can be washed out with just water
- This product is of a thicker viscosity designed to cling and stick to the inner tread area of the tyre so as a foreign object penetrates the tyre casing air pressure instantly forces the product into the

puncture wound to give an effective seal enabling the machine to continue with his daily duties.

Ref. No.	Description	Content
593 1208	DRIVESAFE TYRE SEALANT	25 litre
593 1215	DRIVESAFE TYRE SEALANT Pump Unit	



593 1208



593 1215

Tyre paint

New Look Tire Paint Plus



593 0742

- Can be painted or sprayed onto retreaded tyres to give the appearance of a new tyre
- Water-based
- Dries quickly
- High solids content for excellent coverage - will not wash off in the rain
- Use less paint for coverage - get more tires painted per gallon
- Freeze-thaw stable
- Offers a matte finish identical to a new tire
- Not streaky or blotchy in appearance
- One 5 gallon pail paints roughly 225-250 tires
- One 55 gallon drum paints roughly 2500 tires

Ref. No.	Description	Content
593 0742	New Look Tire Paint Plus	18.39 litre



593 1106

Spray bottles

- For even distribution of liquids on surfaces

Ref. No.	Description	Content
593 1106	Spray bottle <ul style="list-style-type: none"> • For applying liquid bead lubricant for industrial tyres etc. • Not suitable for solvents 	500 ml
593 1141	Chemical Sprayer <ul style="list-style-type: none"> • Ideal for use with brake cleaner- detergents- traffic film remover- penetrating oils and weed killer. Adjustable nozzle enables easy and direct application of liquid exactly where it is required. Robust composite construction with 1ltr capacity container. 	1 litre



593 1141

Workshop Products

Oil Penoyl

- Penoyl is a multi-purpose release oil for seized or jammed parts. Harmless to metal, plastics and paintwork.

Ref. No.	Description	Content
222 0156	Oil Penoyl spray	400 ml spray



222 0156

Liquid Spanner

- This high quality release oil penetrates all seized parts caused by rust, corrosion, paint, scale or carbon. Liquid spanner is also a lubricant and displaces moisture which protects metal surfaces from further corrosion and scaling. Harmless to metal, plastics and paintwork.

Ref. No.	Description	Content
222 0149	Liquid Spanner spray	400 ml spray
222 0163	Liquid Spanner	5 litre



222 0149

Brake cleaner

Brake cleaner cleans all:

- Brake, clutch and gear parts
- Starter motors and alternators
- Carburettor, petrol pumps and engine parts
- Glass and metal surfaces before gluing

Application:

Apply/spray an ample amount of product on the part to be cleaned. Allow solvent to drip off or evaporate. Repeat on tough spots. Do not use on thermoplastics such as PVC, Perspex, polystyrene, rubber or painted surfaces.

Brake cleaner:

- Does not destroy polystyrene
- Does not contain chlorinated solvents and is listed with the Federal Ministry of the Environment
- Silicone/acetone-free

Ref. No.	Description	Content
222 0187	Brake Cleaner	400 ml spray
222 0194	Brake Cleaner	5 litre



222 0187

Copper grease

- Adhesive, all-purpose high temperature grease
- Especially suitable for components subject to high temperatures, e.g. disc brakes, brake cams and bolts, screwed connections, seals, flanges and dashboards
- Temperature application range from -30°C to +300°C
- Spray with environmentally friendly propellant

Ref. No.	Description	Content
593 0051	Copper grease	500 gm
593 0814	Copper grease aerosol	500 ml



593 0051



593 1113
(product may vary from image)

Oil

- An essential maintenance oil for all Air Tools, prevents rusting, lubricates and breaks down potentially harmful deposits.

Ref. No.	Description	Content
999 9511	Oil Piston Compressor	1 litre
999 9497	Oil Air Tool	1 litre
999 9435	Oil Hydraulic	1 litre
999 9459	Oil Hydraulic	5 litre
999 9532	Oil Wheel Stud	1 litre
593 1113	Plastic bottle	1 litre

Car care

Ref. No.	Description	Content
893 0000	Wash n Wax 5ltr	5 litre
893 0000	Large Plastic Bucket	1
893 0014	Wash Sponge	1
893 0021	Microfiber Cloth	1
893 0028	Wash Brush Flexible	1
893 0035	Wash Mitt	1
893 0042	Power Chamois	1
893 0049	Brush for Alloy Wheels	1
593 0037	Water Fed Extendable Wash Brush	1



593 0144
(product may vary from image)

Upholstery cleaner

- Suitable for use on most interior upholstery and carpets.
- Removes ingrained dirt and stains from fabric, vinyl and leather upholstery.
- Suitable for use on all Colour Fast Upholstery trim.

Ref. No.	Description	Content
593 0144	Upholstery cleaner	400 ml aerosol



593 0175
(product may vary from image)

Wheel Brite

- A highly advanced synthetic detergent for the rapid cleaning of grease, oil and brake dust from all kinds of wheels. This complex foaming cleaner works quickly and efficiently on all metal and painted surfaces. As a powerful cleaner always test a small area first to ensure compatibility.

Ref. No.	Description	Content
593 0175	Wheel Brite	500 ml aerosol

Trim clean

- Removes even stubborn soilings such as nicotine residues and plasticisers
- Pleasant fragrance
- For gentle cleaning of interior trim.

Ref. No.	Description	Content
593 0182	Trim clean	500 ml



593 0182
(product may vary from image)

Foam Tyre Dressing

- A high quality, easy to use tyre dressing which restores a long lasting sheen to tyre walls. Simple one step application which requires no buffing.

Ref. No.	Description	Content
593 0189	Foam Tyre Dressing	500 ml aerosol



593 0189
(product may vary from image)

Safety protection aids

Safety spectacles

- Fully adjustable for height and temple length to guarantee a perfect fit
- Flexible, lightweight frame consists of a two-shot material and relieves all pressure points
- Feels like it is made-to-order and fits both men and women
- Cushioned temples also provide excellent non-slip function
- All lenses scratch-proof



873 4505
(product may vary from image)



873 4519

Ref. No.	Description	Content
873 4505	Safety Goggles	1
873 4519	Safety Glasses	1

Dust mask

- Moulded disposable mask without valve offering protection from solid and liquid aerosol variants.

Ref. No.	Description	Content
873 4526	Dust Mask FFP2	20



873 4526



873 4512

Ear defender

- Noise in the workplace always has a performance-reducing effect, increases the frequency of mistakes and the risk of accidents, and is harmful to health owing to its damaging effect on hearing

Ref. No.	Description	Content
873 4512	Ear defender	1



873 4533

Supersoft EAR plugs (Supersoft)

- A soft tapered ear plug made from a slow-expanding environmentally friendly polyurethane foam material. Extremely comfortable to wear, the EARSOFT offers some of the highest protection you can get from a ear plug.

Ref. No.	Description	Content
873 4533	Supersoft EAR plugs (Supersoft)	250



875 9174

Safety helmet

Ref. No.	Description	Content
875 9174	Safety helmet	1



870 4985

Striped tape

Ref. No.	Description	Content
870 4985	Striped tape, 50mm, yellow and black	1

Roadside/workshop safety

Safety Traffic Cone

Ref. No.	Description	Content
CONE001	Safety Traffic Cone 500mm high	1



CONE001



875 9181

Safety Cone Beacon

Ref. No.	Description	Content
875 9181	Safety Cone Beacon	1

Safety First Aid Kit

- Comprehensive kit, ideal for holiday use, sports and in the car. Supplied in pouch. Display packed.

Contents:

- 30 assorted sterile waterproof plasters
- 4 alcohol-free hygienic cleansing wipes
- 6 safety pins
- non-woven triangular bandage

- medium 12 x 12cm sterile dressing
- double-sided non-adherent absorbent dressing 5cm x 5cm
- conforming bandage 5cm x 4.5M
- crepe bandage 5cm x 4.5M
- 3M x 1.25cm microporous tape
- first aid scissors
- first aid administration guidance leaflet



69295

Ref. No.	Description	Content
69295	Safety First Aid Kit	1

Safety Fire Extinguisher Dry Powder

- Effective on petrol, oil, gas, paint, wood, solvents and electrical equipment. For use on class A, B and C fires, 8A/34B rating. Halon-free. Supplied with wall mounting bracket. Display carton.



71407

Ref. No.	Description	Content
71407	Safety Fire Extinguisher Dry Powder	1 kg

Workshop cleaning products

Workshop chemical cleaning products

Ref. No.	Description	Content
593 0209	Cleaner Floor Gel	5 litre
593 0365	Cleaner Multi Purpose spray	500 ml
593 0216	Cleaner Multi Purpose	5 litre
593 0223	Cleaner Glass	750 ml
593 0230	Toilet Cleaner	1 litre
593 0247	Toilet Soap	6
593 0358	Washing up liquid	1 litre

Workshop cleaning tools and accessories

Broom

Ref. No.	Description	Size
593 0278	Broom Head 12"	12"
593 0285	Broom Head 24"	24"
593 0292	Broom Handle 48"	48"

Workshop cleaning accessories

Ref. No.	Description	Content
593 0309	Mop Bucket Galvanised	1
593 0316	Mop Head & Handle	1
593 0037	Extendable Water Fed Wash Brush	1
593 0427	Toilet Brush & Holder	1
875 9195	Waste Bin	1
875 9188	Dust Pan & Brush	1



593 0195



593 0261



593 0337



593 0268

Paper towels, cloths and toilet roll

Ref. No.	Description	Content
593 0254	Toilet Rolls (Large Pack)	40
593 025 4	Toilet Rolls	2
593 0261	Hand Roll Blue	6
593 0351	Hand Roll Blue Centre Feed, 250x180mm. (400 sheets)	6
593 0202	Hand Roll Blue, Large 11"x16" 1000 sheet	1
593 0195	Blue Paper Dispenser	1
593 0002	Wiping Cloth	10 kg
593 0728	Stockinette, grade A	400g

Refuse sacks

Ref. No.	Description	Size
593 0337	Refuse Sacks Heavy Duty 18x29x34	200

Oil Spill Absorber Concentrated Iso8

- Need an economical, fast-acting, safe absorbent? Iso8 has been specifically developed to absorb spillages more quickly than all traditional absorbents.
- For use in garages, workshops, industrial plants, highways and all janitorial applications.
- Iso8 is the fastest and safest way to clean up a large range of hazardous spillages, including oil, brake fluid, greases, petrol, acids and paints.

Ref. No.	Description	Content
593 0268	Oil Spill Absorber Concentrated Iso8	1

Car service interior protection

Paper Foot Mats

- Paper Foot Mats are available to suit all usage rates and garage types. Paper foot mats approximately measure 375mm x 503mm.
- Disposable foot mats
- Economical to use
- Weight 95gsm
- Approx size 375mm x 503mm

Ref. No.	Description	Content
593 0344	Paper Foot Mats	250



593 0344

Dispenser Seat Cover

- Polythene disposable seat covers are packed in dispenser cartons of 100 these 10mu covers offer protection to the largest of car seats and head rests, they lap over the top and bottom. In it's centre fed pull out dispenser they are quick easy to use.

Ref. No.	Description	Content
593 0323	Dispenser Seat Cover	100



593 0323

Oil dispensing aids

Funnel with Flexi-Spout

- Polyethylene funnel resistant to oil, fuel and some acids.
- Features a removable flexible spout and side handle.
- Supplied with internal mesh filter.

Ref. No.	Description	Content
593 0079	Funnel with Flexi-Spout	1



593 0079

Oil measuring jug

- High density polyethelene. Resistant to diesel/petrol, oils and most acids. Flexible spout with carrying handle and screw top lid. Metric and US imperial graduations on jug body.

Ref. No.	Description	Size
593 1120	Oil Measuring Jug	1 litre
593 1127	Oil Measuring Jug	3 litre
593 1134	Oil Measuring Jug	5 litre



593 1120

Hand protection

Working gloves

- The best gloves for your protection!



875 9126M



875 9081



875 9127



875 9067



875 9039



875 9119



875 9140



875 9088
Grey/White



875 9095
Orange



875 9060
875 9032
Black



Ref. No.	Description	Colour	Size	Content
875 9126S	Gloves Latex	white	S	100
875 9126M	Gloves Latex	white	M	100
875 9126	Gloves Latex	white	L	100
875 9202	Gloves Latex	white	XL	100
875 9081	Gloves Latex Powder Free	white	L	100
875 9046	Gloves Latex Powder Free	white	XL	100
875 9127	Gloves Nitrile Disposable	blue	L	100
875 9134	Gloves Nitrile Disposable	blue	XL	100
875 9067	Glove Disposable Vynatrile - Powder free	black	XL	100
875 9039	Glove Disposable Vynatrile - Powder free	blue		100
875 9119	Gloves Working Leather	red/black	XL	1 pair
875 9140	Gloves Working Red PVC	red		1 pair
875 9088	Gloves Nitrotouch Nylon/Nitrile	grey	L	1 pair
875 9095	Gloves Mixed Fibre Shell Latex	orange	L	1 pair
875 9060	Glove PU Coated Nylon Black	black	M	1 pair
875 9074	Glove PU Coated Nylon Black	black	L	1 pair
875 9053	Glove PU Coated Nylon Black	black	XL	1 pair
875 9032	Glove PU Coated Nylon Black	black	XXL	1 pair

Winter products

ICE FREE

Not just another de-icer for frozen door locks:

- Prevents freezing for up to four weeks when used in a preventive manner

- The high-quality oil components act also as a lubricant for the mechanical parts of the door lock

Ref. No.	Description	Content
593 0106	ICE FREE	50 ml



593 0106

Snow and Ice Scraper

- Multi purpose ice scraper, windscreen cleaning blade and brush.
- 40mm 43 hole PP brush
- 90mm rubber blade and ice chisel
- Measurements: Length - 380mm (15") x Width - 140mm (5.5")

Ref. No.	Description
593 0113	Snow and Ice Scraper



593 0113

TIP TOP Plus snow socks



- TIP TOP Plus snow socks are a new anti-skid device for snow-clad or frozen roads. It is made of fabric and it guarantees high performances.
- TIP TOP Plus is approved by TÜV Österreich and it complies with the rule Onorm V5121. This certification guarantees reliability and long-life.
- The anti-skid fabric enables TIP TOP Plus to have a great grip both on snow-clad and on frozen roads due to its particular

structure and high-strength textile fibres.

- TIP TOP Plus is a device that can be easily set on to the driving wheels of any vehicle in order to get a better adhesive force on snow-clad or on frozen road surfaces.
- It is advisable to use it on snow-clad surfaces only, since driving on dry carriageways might negatively influence the vehicle's behaviour.
- SEE SIZE CHART ON NEXT PAGE

Ref. No.	Description	Type
592 9967	TIP TOP Plus snow socks	T01
592 9974	TIP TOP Plus snow socks	T02
592 9981	TIP TOP Plus snow socks	T03
592 9988	TIP TOP Plus snow socks	T04
592 9995	TIP TOP Plus snow socks	T05



592 9967

SIZE CHART - TIP TOP Plus snow socks

T01			T02			T03			T04			T05		
Width	Profile	Dia	Width	Profile	Dia	Width	Profile	Dia	Width	Profile	Dia	Width	Profile	Dia
145		13	145		14	165		14	185		14	175	75	16
155	65	14	145	65	15	165	75	14	185		15	185		16
155	70	13	155		13	165	80	14	185	70	15	195		15
165	60	14	155		14	175		13	195		14	195		16
165	65	13	155	65	15	175		14	195	60	16	195	75	15
165	70	13	155	70	15	175	65	15	195	65	16	195	80	15
175	50	14	155	80	14	175	70	14	195	70	15	205	75	15
175	65	13	165		13	175	70	15	195	75	14	205	75	16
185	55	14	165	65	15	175	75	14	195	80	14	215	60	17
185	60	13	165	70	14	175	80	14	205	50	17	215	65	16
195	45	15	165	80	13	175	80	13	205	55	17	215	70	15
195	55	15	175	55	15	185	55	16	205	60	16	215	70	16
			175	60	14	185	60	15	205	65	15	215	75	15
			175	60	15	185	65	15	205	65	16	225	55	17
			175	65	14	185	70	14	205	70	14	225	60	16
			175	70	13	195	45	17	205	70	15	225	60	17
			185	50	16	195	50	16	215	45	18	225	65	15
			185	55	15	195	55	16	215	50	17	225	65	16
			185	60	14	195	60	15	215	55	16	225	70	15
			185	65	13	195	65	14	215	55	17	235	45	19
			185	65	14	195	65	15	215	60	15	235	50	18
			185	70	13	195	70	13	215	60	16	235	55	17
			195	45	16	195	70	14	215	65	15	235	55	18
			195	50	15	205	45	17	215	70	14	235	60	16
			195	55	14	205	50	16	225	40	18			
			195	55	15	205	55	15	225	45	18			
			195	60	14	205	55	16	225	50	17			
			195	65	13	205	60	14	225	55	16			
			205	40	17	205	60	15	225	60	15			
			205	45	16	205	65	14	235	35	19			
			205	50	15	205	70	13	235	40	18			
			205	55	14	215	40	17	235	45	17			
			205	60	13	215	45	16	235	45	18			
			215	35	17	215	45	17	235	50	16			
			215	40	16	215	50	16	235	50	17			
						225	45	17	235	55	15			
						225	50	16	235	60	14			
						225	55	14	235	60	15			
						225	55	15	245	45	18			
						235	40	17						

Compressed-air equipment

Hose connectors - PCL.....	284 – 288
Hose connectors - JWL.....	289 – 290
Airline hoses with couplings.....	291
- JWL	
Airline hoses with couplings.....	292 – 293
- PCL	
EM Safety hose.....	294
Airline hoses.....	295
Airline hose clamps.....	295– 296
Hose reels.....	296 – 297
Digital tyre inflators.....	297
Tyre inflators.....	298 – 301
Tyre pressure gauges.....	302 – 303
Air treatment.....	304
Nitrogen generators.....	305 – 306
Foot pump.....	306

Outstanding products



PROFI AIR

Page 297



ALG4 Truck Tyre Inflator

Page 300



N2 Generator and Inflator

Page 306

Hose connectors - PCL

Vertex Couplings

- Designed and manufactured in Sheffield by PCL, these quick release couplings have a double action feature which makes them ideal for trailing hose applications in garage and tyreshop environments. For example, portable air tools and PCL hand held tyre inflation equipment. Designed for TRAILING HOSE applications.

Key Product Benefits

- Compatible with the Standard range of Adaptors
- Protective shoulder prevents dirt penetration and accidental disconnection
- Steel Construction - robust and hardwearing, ideal for use in the engineering/workshop environment
- Positive locking mechanism

Specifications

- Nominal bore: 4.8mm
- Maximum flow rate: 43cfm @ 100lbf/in²
- Maximum Working Pressure: 200lbf/in² (14bar)
- Type: Double Action



211 3452



211 3469

Ref. No.	PCL No.	Description	Thread type	Thread size
211 3452	AC91CF	Vertex Coupling	Female	Rp 1/4
211 3469	AC91CM	Vertex Coupling	Male	R 1/4

Airflow Couplings

- The Airflow is the original quick-release coupling with over 50 years of design enhancements, and is manufactured in the UK to the highest standards. Designed for FIXED applications.

Key Product Benefits

- Compatible with the Standard range of Adaptors
- Steel Construction - robust and hardwearing, ideal for use in the engineering/workshop environment
- Positive locking mechanism

Specifications

- Nominal bore: 4.8mm
- Maximum flow rate: 43cfm @ 100lbf/in²
- Maximum Working Pressure: 200lbf/in² (14bar)
- Type: Single Action



211 1911



211 2013

Ref. No.	PCL No.	Description	Thread type	Thread size
211 1911	AC21CF	Airflow Coupling	Female	Rp 1/4
211 1935	AC21EF	Airflow Coupling	Female	Rp 3/8
211 1959	AC21JF	Airflow Coupling	Female	Rp 1/2
211 2013	AC21CM	Airflow Coupling	Male	R 1/4
211 1973	AC21EM	Airflow Coupling	Male	R 3/8
211 2037	AC21JM	Airflow Coupling	Male	R 1/2

Airflow Couplings



211 5704

Ref. No.	PCL No.	Description	Thread type	Hose size
211 5704	AC21R	Airflow Coupling	Hose Tailpiece	7mm (1/4")
211 5759	AC21T	Airflow Coupling	Hose Tailpiece	10mm (3/8")

Twin Couplings

- Available in either Vertex or Airflow.

Key Product Benefits

- Compatible with the Standard range of Adaptors
- Steel Construction - robust and hard wearing, ideal for use in the engineering/workshop environment
- Positive locking mechanism

Specifications

- Nominal bore: 4.8mm
- Maximum flow rate: 43cfm @ 100lbf/in²
- Maximum Working Pressure: 200lbf/in² (14bar)

Ref. No.	PCL No.	Description
211 3098	AC6103	Airflow Twin Coupling
211 3115	AC6503	Vertex Twin Coupling



211 3098



211 3115

Y Piece Connector

- For splitting a single connection into two.

Ref. No.	PCL No.	Description	Thread size
211 3160	SPR4279	Y Piece Connector	Rp 1/4
211 3167	HC2043-1/2	Y Piece Connector	Rp 1/2



211 3160

Standard Adaptors

- Used in most workshop/garage environments
- Wide choice of thread and hose tail sizes
- Used with Airflow, Vertex, Twin, non-co
- rodible and Safeflow Safety couplings
- Case hardened for longer life
- Nominal bore: 4.8mm

Ref. No.	PCL No.	Description	Thread type	Thread size
211 2051	ACA2746	Standard Adaptor	Female	Rp 1/4
211 2099	ACA2593	Standard Adaptor	Male	R 1/4
211 2154	ACA2486	Standard Adaptor	Hose Tailpiece	4.75mm (3/16")
211 2130	ACA1793	Standard Adaptor	Hose Tailpiece	6.35mm (1/4")
211 2192	ACA2488	Standard Adaptor	Hose Tailpiece	9.5mm (3/8")



211 2099



211 2051



211 2154



211 2697



211 2659



211 2714



211 2752



211 2790



211 2106

100 Series Couplings

- Hardened steel shoulder prevents accidental disconnection
- Secure locking device
- Swivel feature prevents kinking of the hose
- Specially designed valves and large aperture provides optimum air flow
- Nominal bore: 10.3mm
- Maximum flow rate: 117cfm @ 100lbf/in²
- Maximum Working Pressure: 200lbf/in² (14bar)

Ref. No.	PCL No.	Description	Thread type	Thread size
211 2673	AC5EM	100 Series Coupling	Male	R 3/8
211 2697	AC5JM	100 Series Coupling	Male	R 1/2
211 2635	AC5EF	100 Series Coupling	Female	Rp 3/8
211 2659	AC5JF	100 Series Coupling	Female	Rp 1/2

100 Series Adaptors

- For use with 100 Series Couplings
- Corrosive resistant finish
- Case hardened for longer life
- Nominal bore: 10.3mm

Designed and manufactured in Sheffield by PCL this traditional PCL coupling range offers greater airflow characteristics for the larger air tool applications in garage and tyre shop environments.

Sleeve is marked "M100 Coupling - Series 326" and "Patent No 995589".

Ref. No.	PCL No.	Description	Thread type	Thread/Hose size
211 2714	ACA2994	100 Series Adaptor	Female	Rp 3/8
211 2738	ACA2999	100 Series Adaptor	Male	R 3/8
211 2752	ACA3035	100 Series Adaptor	Male	R 1/2
211 2776	ACA3036	100 Series Adaptor	Hose Tailpiece	12.7mm (1/2")
211 2790	ACA3037	100 Series Adaptor	Hose Tailpiece	9.5mm (3/8")

60 Series Adaptors

- For use with 60 Series Couplings
- Corrosive resistant finish
- Case hardened for longer life
- Nominal bore: 7.1mm

Ref. No.	PCL No.	Description	Thread type	Thread size
211 2106	ACA2657	60 Series Adaptor	Male	R 1/4
211 3930	ACA9201	60 Series safety adaptor	Male	R 3/8

Hose Tail Adaptor

- Connects hose to a female fitting

Ref. No.	PCL No.	Description	Thread type	Hose ID
211 3328	HC5656	Hose Tail Adaptor	R 1/4	6.35mm (1/4")
211 3380	HC1217	Hose Tail Adaptor	R 1/4	9.5mm (3/8")
211 3407	HC2479	Hose Tail Adaptor	R 1/4	12.7mm (1/2")
211 3421	HC2951	Hose Tail Adaptor	R 3/8	9.5mm (3/8")
211 3342	HC2808	Hose Tail Adaptor	R 3/8	12.7mm (1/2")
211 3445	HC2954	Hose Tail Adaptor	R 1/2	12.7mm (1/2")



211 3328

Hose Connector / Repairer

- For connecting or repairing hose sections

Ref. No.	PCL No.	Description	Hose ID
211 3799	HC2983	Hose Connector/Repairer	6.35mm (1/4")
211 3847	HC2985	Hose Connector/Repairer	9.5mm (3/8")
211 3854	HC2986	Hose Connector/Repairer	12.7mm (1/2")



211 3799

Double Union Nut

- For connecting fittings

Ref. No.	PCL No.	Description	Male thread
211 3909	HC6560	Double Union Nut	R 1/4
211 3916	HC4281	Double Union Nut	R 3/8
211 3902	HC6898	Double Union Nut	R 1/2



211 3909

Reducing Union

- For connecting fittings

Ref. No.	PCL No.	Description	Male thread	Male thread
211 3923	HC6899	Reducing Union	R 3/8	R 1/4
211 0157	HC6900	Reducing Union	R 1/2	R 1/4



211 3923



211 3951

Increasing Bush

- For connecting differing pipe diameters

Ref. No.	PCL No.	Description	Male thread	Female thread
211 3951	HC6475	Increasing Bush	R 1/4	Rp 3/8
211 0122		Increasing Bush	R 1/4	Rp 1/2



211 3937

Reducing Bush (Male to Female)

- For connecting differing pipe diameters

Ref. No.	PCL No.	Description	Male thread	Female thread
211 3937	HC6897	Reducing Bush	R 1/2	Rp 3/8



211 3944

Reducing Bush (Female to Female)

- For connecting differing pipe diameters

Ref. No.	PCL No.	Description	Female thread	Female thread
211 3944	HC6893	Reducing Bush	Rp 1/2	Rp 1/4



562 5194

Wing nut

Ref. No.	Description	Thread
562 5194	Wing nut For use with: • Car brake systems and air pressure regulators	M 16 x 1.5 (5 mm hose)
562 5201	Wing nut For use with: • Car brake systems and air pressure regulators	M 16 x 1.5 (7 mm hose)
562 5208	Wing nut For use with: • Car brake systems and air pressure regulators	M 16 x 1.5 (8 mm hose)



Sealing tape

Ref. No.	Description
870 4229	PTFE tape

Hose connectors - JWL

Adaptors - Hardened steel for grey ring 570 series

Ref. No.	Description	Thread type	Thread size
520312	Adaptor	External thread	1/4"
520314	Adaptor	External thread	3/8"
520324	Adaptor	Hose connection	3/8"



520312



520324

Nipples - Hardened steel for white ring 572 series

Ref. No.	Description	Thread type	Thread size
522312	Adaptor	External thread	1/4"
522314	Adaptor	External thread	3/8"
522324	Adaptor	Hose connection	3/8"



522312



522324

Series 570 - Safety coupling - Low connection force - grey ring

Ref. No.	Description	Thread type	Thread size
570-004215	Series 570 - Safety coupling	Internal thread	3/8"
570-014215	Series 570 - Safety coupling	External thread	3/8"
570-015215	Series 570 - Safety coupling	External thread	1/2"
570-024215	Series 570 - Safety coupling	Hose connection	3/8"



570-004215
Grey



570-014215
Grey



570-024215
Grey

Series 572 - Safety coupling - Reduced connection force - white ring

Ref. No.	Description	Thread type	Thread size
572-012216	Series 572 - Safety coupling	External thread	1/4"
572-024216	Series 572 - Safety coupling	Hose connection	3/8"



572-012216
White



572-024216
White



604-005000



604-015000



604-025000



604315



674325

Series 604 Quick Couplings

Ref. No.	Description	Thread type	Hose size
604-005000	Series 604 Quick coupling	Internal thread	1/2"
604-015000	Series 604 Quick coupling	External thread	1/2"
604-025000	Series 604 Quick coupling	Hose connection	1/2"

604 series adaptor - hardened steel

Ref. No.	Description	Thread type	Thread size
604315	604 series adaptor	External thread	1/2"

604 series adaptor - hose connection

Ref. No.	Description	Thread type	Hose size
674325	604 series adaptor	Hose connection	1/2"

Trailer air adaptor

Ref. No.	Description
211 0177	Trailer air adaptor

Adaptor air tool, grey coupling body with 604 1/2 inch series nipple

Ref. No.	Description	Thread type	Hose size
Adapt-001	Adaptor air tool	External thread	1/2"

Airline hoses with couplings - JWJ

Leader hose

Ref. No.	Description	Connection
Hose-001	Leader hose	grey connection 1/4" BSP grey adaptor
Hose-002	Leader hose	white connection 1/4" BSP white adaptor
Hose-003	Leader hose	red connection 1/2" BSP to red male adaptor

Commercial hose, red couplings

Ref. No.	Description	Connection	Hose length
Hose-004	Commercial hose	1/2" red coupling to 1/2" red adaptor	2 m
Hose-005	Commercial hose	1/2" red coupling to 1/2" red adaptor	10 m

Commercial hose, grey couplings

Ref. No.	Description	Connection	Hose length
Hose-006	Air tool hose	3/8" grey coupling to grey adaptor	2 m
Hose-007	Air tool hose	3/8" grey coupling to grey adaptor	15 m

Commercial hoses

Ref. No.	Description	Connection	Hose length	Max. working pressure
Hose-008	Tyre inflation hose	3/8" white coupling to white adaptor	15m	
Hose-009	Fitting machine hose	1/4" BSP male to 1/4" BSP female	2m	

Reel connection hose

Ref. No.	Description	Connection	Hose length	Max. working pressure
Hose-010	Reel connection hose	1/4"	770mm	

Airline hoses with couplings - PCL

Vertex Coupling & Standard Adaptor Air Tool Hose

- PCL's 8mm (5/16") and 10mm (5/16") air hose is a Rubber PVC Alloy (PTE) compound; it looks and feels like rubber but doesn't have the downsides associated with rubber.
- Available in popular cut lengths complete with Vertex Coupling and Standard Adaptor ends, thereby saving you time and the need for expensive crimping equipment. Just plug in and go.
- Excellent abrasion resistance
- Good flexibility and kink resistant
- Resistance to oil and fuels
- Silicone free
- Working pressure @ 20°C: 300lbf/in² (21bar)
- Burst Pressure: 63bar (3:1 safety factor)
- Temperature Range: -10°C to 60°C
- Please note - an increase in temperature above 20°C will affect the working pressure quoted above.



Ref. No.	PCL No.	Description	Hose ID	Hose OD	Hose Length
870 1968		1/4" Air Tool Hose	7mm (1/4")	14mm	20m
870 1975	HA2134	3/8" Air Tool Hose	10mm (3/8")	17mm	10m
870 1947	HA2129	3/8" Air Tool Hose	10mm (3/8")	17mm	20m

100 Series Coupling & Adaptor Air Tool Hose

- PCL's 13mm (1/2") air tool hose is a Rubber PVC Alloy (PTE) compound; it looks and feels like rubber but doesn't have the downsides associated with rubber.
- Available in popular cut lengths complete with 100 Series Coupling and Adaptor ends, thereby saving you time and the need for expensive crimping equipment. Just plug in and go.
- Excellent abrasion resistance
- Good flexibility and kink resistant
- Resistance to oil and fuels
- Silicone free
- Working pressure @ 20°C: 300lbf/in² (21bar)
- Burst Pressure: 63bar (3:1 safety factor)
- Temperature Range: -10°C to 60°C
- Please note - an increase in temperature above 20°C will affect the working pressure quoted above.



Ref. No.	PCL No.	Description	Hose ID	Hose OD	Hose Length
870 1954	870 1954	1/2" Air Tool Hose	13mm (1/2")	21mm	20m
211 0864	211 0864	1/2" Air Tool Hose	13mm (1/2")	21mm	30m

Air Tool Whip Hoses

- The Health & Safety Executive Guide HS(G) 39 states "requirements for quick acting couplings apply to most percussive and vibrating air tools, which may be fixed or hand held. If a quick acting coupling socket is fitted at the hose end adjacent to the tool, the plug should not be screwed directly into the inlet port but should be fitted onto a short isolation hose (0.5m to 1.5m long), thus isolating the plug and socket from the tool vibration."
- The International Standard (ISO 6150:1998) recommends a minimum of 300mm of flexible hose to be used between a vibrating tool and a quick acting coupling.
- Working pressure @ 20°C: 300lbf/in² (21bar)
- Burst Pressure: 63bar (3:1 safety factor)
- Temperature Range: -10°C to 60°C
- Please note - an increase in temperature above 20°C will affect the working pressure quoted above.
- Approvals
- Conforms to ISO 4414:1998, EN 983:1996, ISO 6150:1988 and Health & Safety Executive Guide HS(G) 39
- See ISO 4414:1998 and EN 983:1996 for safety requirements covering the installation and use of pneumatic equipment.



870 0151

Ref. No.	PCL No.	Description	Hose ID	Hose OD	Hose Length	Hose fittings
870 0158	HA2108	Air Tool Whip Hose	7mm (1/4")	14mm	0.6m (2ft)	Standard Adaptor & R 1/4 male
870 0151	HA2109	Air Tool Whip Hose	10mm (3/8")	17mm	0.6m (2ft)	Standard Adaptor & R 3/8 male
870 0168	HA2116	Air Tool Whip Hose	13mm (1/2")	21mm	0.6m (2ft)	100 Series Adaptor & R 1/2 male
870 0175		Air Tool Whip Hose				

Hose with anti whip couplings



HA5

Ref. No.	Description	Hose ID	Hose Length
HA5	Hose with anti whip couplings	13mm (1/2")	20m
HA6	Hose with anti whip couplings	10mm (3/8")	15m
HA7	Hose with anti whip couplings	10mm (3/8")	20m

J

Coiled airline hose



311 4326

- PU Coiled Air Hose Assemblies overcome the limitations of nylon, such as kinking, abrasion and resistance to oils, and increases the effective working temperature range.
- The use of PU allows use in any direction with the elimination of hose kinks aiding air flow. It also provides ease of use when attached to tools, helps protect tool ends and leaves the work area clear of entanglements and trip hazards. A range of hose sizes, working lengths and colour is available.
- Polyurethane (PU) material
- Nickel plated 360° swivel fittings
- 200m straight ends with spring guard
- Hose recoils to a fraction of it's working length
- Range of hose sizes, working lengths and a choice of colour

Ref. No.	PCL No.	Description	Hose ID	Hose OD	Hose Length	Hose Fittings	Hose Colours
311 4326	HA5216	Coiled airline hose	8 mm	12 mm	7.5 m	R 1/4 swivel ends	red

Coiled airline hose



311 4333

- Polyurethane covered, oil, weather and abrasion resistant airline hose. Coiled hose is retractable by design and avoids the drag when moving heavier conventional hoses. Length 7.6 Metres.

Ref. No.	PCL No.	Description	Hose ID	Hose OD	Hose Length	Hose Fittings	Hose Colours
311 4333	HA5201	Coiled airline hose	6 mm	8 mm	7.6 m	R 1/4 swivel ends	red

EM Safety hose

EM Safety Inflator



563 7045

- EM Inflator with safety shut off valve, gauge point and pressure relief valve.
- Includes 2 Metres hose to compressor and • 25 metres hose to the tyre valve.

Ref. No.	Description
563 7045	EM Safety Inflator
563 7059	EM Large Bore Adaptor
563 7052	EM SLB Inflation Adaptor

Airline hoses

Rubber Alloy Air Hose

- PCL's 7mm (1/4") air hose is a Rubber PVC Alloy (PTE) compound; it looks and feels like rubber but doesn't have the downsides associated with rubber.
- Excellent abrasion resistance
- Good flexibility and kink resistant
- Resistance to oil and fuels
- Silicone free
- Working pressure @ 20°C: 300lbf/in² (21bar)
- Burst Pressure: 63bar (3:1 safety factor)
- Temperature Range: -10°C to 60°C
- Please note - an increase in temperature above 20°C will affect the working pressure quoted above.



870 1923

Ref. No.	PCL No.	Description	Hose ID	Hose OD	Hose Length
870 1923	HS22E01	1/4" Air Hose	7mm (1/4")	14mm	20m
870 1930	HS25E01	3/8" Air Hose	10mm (3/8")	17mm	20m
870 1916	HS27E01	1/2" Air Hose	13mm (1/2")	21mm	20m

Airline hose clamps

Jubilee ® Hose Clips

- Jubilee ® Clips are Kite marked to BS 5315:1991 and the company is registered to BS EN ISO 9001:2000. Jubilee were instrumental in the formulation of the original British Standards and the consistent high level of reliability sets them apart.
- Band: BS1449 Pt. 1
- Housing: BS1449 Pt. 1
- Screw: BS3111
- Zinc Finish: Meets BS7479 48 Hrs NSS
- Approvals
- Kite marked to BS 5315:1991



870 3969

Ref. No.	PCL No.	Description	Jubilee size	BS Number	Adjustment	Content
870 3969	JC1116	Jubilee Clip	MOO	16	11-16mm	10
870 3976	JC1320	Jubilee Clip	OO	20	13-20mm	10
870 3983	JC1622	Jubilee Clip	O	22	16-22mm	10

Double Ear Clips

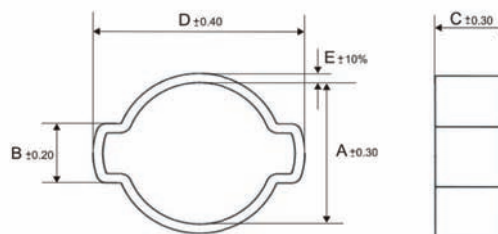
- Double: Also known as the 2 Ear or 'O' Clip, they are an inexpensive, though remarkably effective, and easy assembly clip which has many applications in addition to its normal role of sealing hoses against loss of liquid, air or gases.



10100016



1410082



Ref. No.	Description	Size range	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Content
10100016	Hose Clamps	13mm-15mm	15.3 mm	6.3 mm	7 mm	21.5 mm	1.0 mm	10
10100056	Hose Clamps	15mm-18mm	18.5 mm	7.0 mm	7.5 mm	25 mm	1.2 mm	10
10100029	Hose Clamps	20mm-23mm	23.5 mm	8.5 mm	8.0 mm	31 mm	1.3 mm	10
1411098	Hose Clamp Kit Assorted							
1410082	Pincers Standard Jaw							

Hose reels

Heavy Duty Hose Reel



211 5697

- The heavy duty hose reel is designed specifically with that in mind, incorporating reinforced outer casing, double integral mounting brackets and full brass swivel sleeve and shaft for extra service life.
- All fasteners are the latest design in threads for plastic
- A hi-low thread configuration allows the fasteners to be removed and refastened without stripping the plastic out
- New inbuilt protected handle reduces the risk of damage in transit and adds strength to the outer case
- Top and bottom wide space integral mounting bosses into the case gives extra mounting stability
- Service pin locking port for total safety during all service work
- Large diameter inlet and tension side plates
- New ratchet tensioning system allows tension adjustment in the field
- Full flow swivels allows product delivery with no flow restrictions
- Full brass swivel sleeve and shaft, double sealed for extra service life
- All positional locking system 360° x 360° allows the reel to be mounted on walls, ceilings and pits
- Maximum working pressure: 250lbf/in² (17bar)

Ref. No.	Description	Hose ID	Hose Length	Inlet size	Outlet size
211 5697	Heavy Duty Hose Reel	10mm (3/8")	20m	Rp 3/8	R 3/8
211 5718	Heavy Duty Hose Reel	12mm (1/2")	18m	Rp 1/2	R 1/2

Economy Hose Reel

- This multi purpose PVC hose reel is ideal for use with a multitude of applications where a wall or ceiling mounted reel is needed.
- Quality PVC hose
- Wall or ceiling mounted
- Adjustable hose stopper
- Retraction hose spreader - helps eliminate hose kinks and jams
- Maximum working pressure: 250lbf/in² (17bar)



211 5711

Ref. No.	Description	Hose ID	Hose Length	Inlet size	Outlet size
211 5711	Economy Hose Reel	10mm (3/8")	15m	Rp 1/4	R 1/4

Retractor Hose Reel

- Wall mounted hose reel. Maximum air pressure 10 bar.
- The unit swivels through 165 degrees when mounted on a flat wall.



211 6198

Ref. No.	Description	Hose ID	Hose Length
211 6198	Retractor Hose Reel	10mm (3/8")	8 m

Digital tyre inflators

Digital tyre inflator PROFIAIR

- Designed to meet the demands of tyre fitting shops or service stations
- PTB approved
- Multi-functional button for special features (OPS bead seating mode, nitrogen purge function)



211 5859

	519 1630
Temperature range	-20 to +70 °C
Electric power/connection	max. 16 bar
Accuracy	± 0.5 %
Inflation pressure	max. 10 bar

Ref. No.	Description
211 5859	PROFIAIR digital tyre inflator, calibrated version
211 0926	PROFIAIR Hose Replacement

ACCURA Compact



- Electronic pressure preset
- Auto start inflation
- Clear display for easy customer usage
- Default to safe-setting
- Space-saving and lightweight design
- Robust, high reliability engineering plastic housing
- Ceramic sensor - accuracy to +/-0.5% of full scale reading
- Attractive and durable membrane
- Can inflate accurately with hoses up to 50m

Key Product Features

- Electronic pressure preset
- Auto start inflation
- Clear display for easy customer usage
- Default to safe-setting
- Space-saving and lightweight design
- Robust, high reliability engineering plastic housing

Ref. No.	PCL No.	Description	Hose Length	Tyre Valve Connection	Calibration
211 5880	D60SS20T	Compact Model	7.6m	Twin hold-on	0-145lbf/in ² default & 0-10bar

ACCURA QUBE



- Consistent cost effective provision of high levels of safe air inflation services
- Low life time costs - long product life with robust design and proven electronics
- Plug and play - tyre inflator with 3 pre-selectable application modes
- Fits all applications - general, tyreshop and N2
- Low and simple maintenance
- Guaranteed accuracy with individual testing

Key Product Features

- 3 modes in one inflator
- Mode 1 - Standard inflate / deflate
- Mode 2 - Tyreshop mode with overpressure
- Mode 3 - N2 fill and air to N2 Conversion
- Electronic pressure preset
- Auto-start inflation
- Touch screen technology

Ref. No.	PCL No.	Description	Voltage	Hose Length	Tyre Valve Connection
211 0164	QUBE1	ACCURA QUBE	230V (UK plug)	5m (16ft)	Euro clip-on

Tyre inflators

DIGIAIR Hand-held tyre inflation gauges

- Progressive, light design, not susceptible to shocks
- Ceramic sensor
- Clear, precise reading
- Accurate control of inflation
- Battery control light, battery life about 950 hours
- PTB approved



211 0991

211 0991

Measuring range	0 - 174lbf/in ²
Length, inflation hose	1.8 m
Temperature range	-20 to +60 °C
Voltage	3 V
Weight	350 g

Ref. No.	Description
211 0991	DIGIAIR Hand-held tyre inflation gauge digital, calibrated version

EURODAINU Hand-held tyre inflator gauges



- Pre-calibrated version
- CEE: Approved models according to European Directive 86/217/CEE

	519 9356
Measuring range	0.7 - 11 bar 10 - 160 psi
Length, inflation hose	1.5 m
Ref. No.	Description
519 9356	EURODAINU Hand-held tyre inflator gauge, CEE



519 9356

SCHRADER Mast-air gauge

Ref. No.	Description
519 9363	SCHRADER Mast-air gauge



519 9363

Accessories – EURODAINU Hand-held tyre inflator gauges

Ref. No.	Description	Length
519 9342	Replacement hose For use with: • SCHRADER EURODAINU	3 m
756 0110	Replacement hose For use with: • WONDER EURODAINU	1.5 m
756 0117	Replacement hose with EM valve connector For use with: • WONDER EURODAINU	3 m



756 0110

DAINU/EURODAIMO Hand-held tyre inflator gauges

	519 9370	
Measuring range	0.5 - 12 bar 10 - 170 psi	
Length, inflation hose	1.5 m	
Ref. No.	Description	Length
519 9370	DAINU Hand-held tyre inflator gauge	
Accessories:		
519 9387	Replacement hose 1961 For use with: • DAINU 1960 (519 9370) • EURODAIMO 1975 (519 9363)	1.5 m



519 9370

MK3 Tyre Inflators



211 0941



211 0974



211 0967



211 0998



211 0129

- The highly regarded, classic MK3 Tyre Inflator has become industry standard in UK garages, petrol forecourts, tyre shops and depots, and is popular amongst operators and tyre fitters for its reliability and accuracy, and sturdy yet slim line design.
- The MK3 Tyre Inflator, is robust and highly accurate, offering leading inflation and deflation rates and high performance both indoor and outdoor. Meanwhile the redesigned valve arrangement and larger hose allows air flows up to 30% faster, representing substantial labour-savings for operators.

Key Product Benefits

- Reduced operating costs with fast inflation and deflation rates
- Long life - excellent shock resistance with robust durable design and construction
- High versatility - suitable for indoor and outdoor environments and commercial and retail applications
- Guaranteed accuracy - individual testing

- Easy fitting and usage
- High pressure variant suitable for aircraft applications

Key Product Features

- New valve design increasing inflation and deflation rates
- Cast aluminium body
- Proven linear spring gauge
- Proven linear gauge display
- Individual testing and certification
- Bar, psi and kPa versions and large range of options and accessories

Specifications

- Accuracy: Exceeds EC Directive 86/217
- Reading Accuracy: 0.1bar / 2psi / 10kPa
- Max Inlet Pressure: 16bar / 218psi / 1600kPa
- Inflation flow: 500l/min @ 13bar supply
- Compliance: EC Directive 86/217 and BS EN 12645:1999

Ref. No.	PCL No.	Description	Hose Length	Tyre Valve Connection	Calibration
211 0941	ALG3H03	MK3 - 21" General Model	0.53m (21")	Twin hold-on	0-138lbf/in ² & 0-9.6bar
211 0974	ALG3H04	MK3 - 21" Clip-on Model	0.53m (21")	Single clip-on	0-138lbf/in ² & 0-9.6bar
211 0967	ALG3H05	MK3 - 6ft Tyreshop Model	1.8m (6ft)	Twin clip-on	0-138lbf/in ² & 0-9.6bar
211 0998	ALG3H06	MK3 - 9ft Tyreshop Model	2.7m (9ft)	Twin clip-on	0-138lbf/in ² & 0-9.6bar
211 0888	ALG3H09	MK3 - 9ft Tyreshop Model	3.5m (9ft)	Twin clip-on	0-138lbf/in ² & 0-9.6bar

ALG4 Truck Tyre Inflator

- PCL has built on the world-leading MK3 to create a high pressure model for truck tyre inflation – the new ALG4.
- On the face of it, the ALG4 Truck Tyre Inflator looks exactly the same as the MK3, which has become industry-standard in tyre shops, garages and petrol forecourts across the globe.
- The big difference is that the ALG4 goes up to 174 lbf/in² (12 bar), a substantial hike from the already powerful MK3's 138 lbf/in² (9.6 bar).
- The reliable and versatile ALG4 Truck Tyre Inflator, with its aluminium die cast body and linear gauge represents the best product on the market for both indoor and outdoor applications, even in extreme weather.



211 0129

Ref. No.	PCL No.	Description	Hose Length	Tyre Valve Connection	Calibration
211 0129	ALG4H36	ALG4 Truck Tyre Inflator	3.6m (12ft)	Twin clip-on	0-174lbf/in ² & 0-12bar

MK3 Tyre Inflator Hoses

- replacement hose assemblies for the MK3 tyre inflator.

Ref. No.	Description	Hose Length	Tyre Valve Connection
211 0022	MK3 Tyre Inflator Hose	1.8m (6ft)	n/a
211 0936	MK3 Tyre Inflator Hose	2.7m (9ft)	n/a
211 0919	MK3 Tyre Inflator Hose	3.6m	n/a
211 0912	MK3 Tyre Inflator Hose	0.53m (21")	n/a
211 0871	MK3 Tyre Inflator Hose	0.53m (21")	Single clip-on
211 0895	MK3 Tyre Inflator Hose	3.5m	Twin clip-on

PCL AirForce Tyre Inflator

- Clear dial display
- Modern, lightweight and shock resistant construction
- Proven Bourdon Tube with beryllium copper construction for robustness and high shock resistance
- Direct valve design increasing inflation and deflation rates
- Individually tested and certified
- Built in swivel and hanging device
- Bar, psi, kPa versions and range of accessories

Specifications

- Accuracy: Exceeds EC Directive 86/217
- Reading Accuracy: 0.1bar / 2psi / 10kPa
- Max Inlet Pressure: 15bar / 218psi / 1500kPa
- Inflation flow: 910l/min @ 13bar supply
- Compliance: EC Directive 86/217 and BS EN 12645:1999



211 0981

Ref. No.	PCL No.	Description	Hose Length	Tyre Valve Connection	Calibration
211 0981	AFG1H06	9ft Tyreshop Model	2.7m (9ft)	Twin clip-on	0-170lbf/in ² & 0-12bar

Tyre pressure gauges

Tyre pressure gauge



211 5302



519 9301



519 9318



211 5553
211 5560



519 9349



211 6708



211 0150







870 2245



211 5309

Ref. No.	Description	Measuring range
211 5302	Gauge Tyre Pressure Digital DTPG7 (See page 57 for description)	
519 9301	Tyre pressure gauge QUICKER <ul style="list-style-type: none"> • Shock resistant plastic body • Dual calibration • Accuracy complies with European norm EN 12645 	0.7 - 4.3 bar 0 - 62 psi
519 9318	EURODAIRA Tyre pressure gauge, 1900 For use with: <ul style="list-style-type: none"> • Standard valves 	0.7 - 12 bar 10 - 174 psi
211 5553	Gauge Tyre Pressure DPG1-03 <ul style="list-style-type: none"> • Accurate easy read gauge with 63mm face, twin hold on connector with swivel fitting, quality hose to BS5118, heavy duty gauge bumper for maximum protection. 	0 - 12 bar 0 - 170 psi
211 5560	Gauge Tyre Pressure DPG3-03 <ul style="list-style-type: none"> • Accurate easy read gauge with 80 mm face, twin hold on connector with swivel fitting, quality hose to BS5118, EC approved, heavy duty gauge bumper for maximum protection. 	0 - 12 bar 0 - 170 psi
519 9349	Gauge Tyre Pressure GHIBLI N1880 <ul style="list-style-type: none"> • Dial Gauge for standard bore valves, pressure range 	0.7 - 12 bar 10 - 170 psi
211 6708	Gauge Tyre Pressure Digital GA-850-370 <ul style="list-style-type: none"> • Standard Bore air gauge w/CH-370 dual foot air chuck 	0.7 - 12 bar 10 - 174 psi
211 0150	Digital Universal Service Gauge <ul style="list-style-type: none"> • 4 measurement options - psi / bar / kPa / kg/cm² • Swivel head to allow easy access to the tyre valve • Clear large display 	0 - 12 bar 0 - 170 psi
870 2245	EM Gauge Tyre Pressure Dial Type GA-276 <ul style="list-style-type: none"> • 18" Standard & Large Bore Gauge w/Extension Handle & bleeder valve 	0 - 160 psi
211 5309	EM Tyre Pressure Master Gauge GA290 <ul style="list-style-type: none"> • 12" Standard & Large Bore Air Master Gauge equipped with recalibration feature 	0 - 160 psi

Pocket tyre pressure gauge

Ref. No.	Description	Measuring range				
211 5319	Gauge Tyre Pressure TPG1-01 <ul style="list-style-type: none"> • Incorporates a self-adjusting friction device which enables the pressure to be read when the tyre pressure gauge is removed from the tyre valve • A positive sealing washer ensures reliability • Integral pocket clip and removable protective cap • Angled head is designed to fit onto the valve at 90 degrees 	0.5 - 3.4 bar 6 - 50psi	•	•	•	
211 5412	Gauge Tyre Pressure TPG4-01 <ul style="list-style-type: none"> • Incorporates a self-adjusting friction device which enables the pressure to be read when the tyre pressure gauge is removed from the tyre valve • A positive sealing washer ensures reliability • Integral pocket clip and removable protective cap • Twin headed gauge is suitable for commercial vehicles 	0.8 - 8.2 bar 10 - 120psi	•	•	•	
211 5395	Gauge Tyre Pressure TPG20-01 <ul style="list-style-type: none"> • Incorporates a self-adjusting friction device which enables the pressure to be read when the tyre pressure gauge is removed from the tyre valve • A positive sealing washer ensures reliability • Integral pocket clip and removable protective cap • In-line head is used where direct access to the tyre valve is required 	0.5 - 3.4 bar 6 - 50psi		•		
211 5436	Gauge Tyre Pressure TPG57-03 <ul style="list-style-type: none"> • Engineered for hard usage over a long period of time • Suitable for all cars and commercial vehicles • Fitted with an extra large filter to protect the quality mechanism • Chrome plated tube with lanyard ring 	0.8 - 11 bar 10 - 160psi			•	
211 5515	Gauge Tyre Pressure TPG60H-03 <ul style="list-style-type: none"> • Engineered for hard usage over a long period of time • Suitable for all cars and commercial vehicles • Fitted with an extra large filter to protect the quality mechanism • Black vulcanite handle 	0.8 - 11 bar 10 - 160psi			•	
211 5508	Gauge Master Tyre Pressure TE60H-01 <ul style="list-style-type: none"> • Designed for checking the accuracy of on-site gauges • Protected in a solid wooden box with moulded tray • Supplied complete with Calibration Certificate 	0.8 - 11 bar 10 - 160psi			•	
870 2386	Large Bore Swivel Foot Gauge GA-255S-RCL <ul style="list-style-type: none"> • Nickel-plated brass • Nylon slide bar. Easy to read. • Calibrated 10-150 in 2 lb. units • Swivels 360° for those hard-to-reach valves. • Metal indicating bar 	10-150 psi			•	



211 5319



211 5412



211 5395



211 5436



211 5515



211 5508



870 2386

Air treatment

Filters, Regulators and Lubricators

- Manual/semi automatic drain
- 10 micron filter
- Complete with wall bracket



211 0101



109162



211 0039



211 0184

Ref. No.	Part No.	Description	Port Size	Max inlet pressure	Adjustment	Flow @ 6bar
211 0101	ATF12	Filter	1/2"	16 bar	-	6000 l/min
109162	ATL12	Filter Lubricator	1/2"	16 bar	-	6000 l/min
211 0039	ATC12	Filter Regulator + gauge	1/2"	16 bar	0-150 lbf/in ²	5000 l/min
211 0184	ATCFRL12	Filter +Regulator + lubricator + gauge	1/2"	16 bar	0-150 lbf/in ²	5000 l/min

Filter block



750 30543

- The Block is a 100 % effective point-of-use airline "Block" for clean, dry air. The Block will not allow moisture or water to pass through the replacement element even if it becomes completely saturated. This high-tech element does not absorb moisture; it blocks it! As the special element becomes activated with moisture, the molecules expand to block the passage of air. If the Block element becomes completely saturated, the molecules will expand to the point of completely stopping all movement of air and or moisture. A fail safe check valve against the damage caused by moisture from compressed airlines. When a Block element becomes contaminated, simply install a replacement. The Block should be before the oiler as it blocks oil as well as moisture.

Ref. No.	Description	Content
750 3043	Filter Block 1/4" Complete	1
750 3050	Filter Block 1/4" Spare Element	2



750 3050

Nitrogen generators

NST Nitrogen generators for cars

- Produces your required nitrogen in the workshop!
- Requirements:**
- Supply of clean compressed air without organic components (oil) and solvent vapours
- Air dryer not necessarily required

	518 0626
Deoxygenation percentage	up to 99 %
Outlet flow capacity	approx. 2000 l/h
Temperature range	2 - 60 °C
Size	800 x 360 x 210 L x W x H mm
Weight	33 kg

Ref. No.	Description
518 0626	NST nitrogen generator For use with: • Wall mounting



NST Nitrogen generators for trucks

- These nitrogen generators supply the output required for inflation of truck tyres and can be operated without an additional nitrogen tank
- Requirements:**
- Supply of clean compressed air without organic components (oil) and solvent vapours (air dryer not necessarily required)

	518 3685	518 0633
Operating pressure	12.5 bar	8 - 12.5 bar
Deoxygenation percentage	up to 99 %	up to 99 %
Outlet flow capacity	20000 - 25000 l/h	approx. 10000 l/h
Temperature range	2 - 60 °C	2 - 60 °C
Weight	106 kg	33 kg
Size	600 x 600 x 1,800 L x W x H mm	1800 x 265 x 235 L x W x H mm

Ref. No.	Description
518 3685	NITROTOWER nitrogen generator • Designed for application in the workshop
518 0633	NITROVAN nitrogen generator • Designed for universal use • Can be installed horizontally or vertically • Ideal for the mobile service
518 3692	NITROCHECK • Checks the purity • Measures the percentage of nitrogen contained in the air



518 3692

PCL N2 Generator and Inflator



- N2 Generator and Inflator - combining the latest in high performance nitrogen generation with leading inflation technology. The PCL N2 Inflator takes all the advantages of the PCL N2 Generator and adds to this the latest in PCL's market leading inflation technology developed to deliver N2 inflation cost effectively.
- The N2 Inflator incorporates the ability to preset the tyre pressure allowing the operator to automatically inflate a car tyre to

the level required. It is so reliable and accurate that it enables the operator to securely continue with alternative work whilst the unit is inflating up to 4 tyres with N2 saving time and money. Using proprietary software with bespoke purging and flat tyre detection the inflator can also cost effectively convert a car from air to nitrogen to give consistent provision of the 95% plus purity in the tyre required to deliver the maximum nitrogen benefits based on 97- 98% plus purity delivery.

Ref. No.	Description
----------	-------------

N21A02	PCL N2 Generator and Inflator <ul style="list-style-type: none"> • Rugged and reliable design • Mobile to allow efficient and flexible positioning and usage • N2 purity check point • Can be fitted to meet EC standards • Easy to operate and quick installation • Strong support • Tank contents gauge • Electronic preset tyre inflation • Auto-start inflation • Digital display • Up to 4 tyres at once • Automatic flat tyre detection • 1 purge inflation cycle from flat • 2 purge inflation cycle, as standard • Software programme for conversions of up to 4 tyres from air to nitrogen • Bespoke software for optimal nitrogen inflation with purge cycle
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Footpump

Single-Barrel Heavy-Duty Footpump



211 0001

- Deluxe quality single barrel foot pump with pressure gauge to 100PSI for car, motorcycle or bicycle (with A/V valve) tyres.

- * Quick-lock valve connector
- * Supplied with adapters for balls, toys and many other inflatables

Ref. No.	Description
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211 0001	Foot Pump Single Barrel
-----------------	--------------------------------

Workshop tools

Impact wrenches.....	308 – 313
Air ratchets.....	314
Air drills.....	315
Air hammer.....	315
Air sanders.....	316
Pneumatic saws.....	317
Air punch/flange tool.....	317
Pneumatic angle grinder.....	318
Air buffers.....	319
Impact sockets.....	320 – 326
Socket adaptors.....	327
Extension bars.....	328 – 330
Socket sets.....	330 – 333
Ratchets.....	333
Wheel brace bars & extensions.....	334
Spider/Torque wrenches.....	335 – 336
Wheel nut indication.....	337 – 339
Working tools.....	340 – 351
Specialist vehicle tools.....	352 – 363
Battery/Electrical.....	364 – 366
MOT.....	367 – 368

Outstanding products



Composite impact wrench KI-1838-6

Page 308



3 in 1 Orbital Sander

Page 316



Torque wrench, Norbar 5R

Page 336

Impact wrenches

1" Impact wrenches, pneumatic



870 0237



870 0835



870 0810



870 0243



870 0268

	KI36-6 870 0237	KI-36 870 0835	KI36-6MT 870 0419	KI-36P 870 0803	KI36-6P 870 0810	KI45-8 870 0243	KI-1837-6 870 0268
Air inlet	1/2 inch PT	1/2 inch PT	1/2 inch PT	1/2 inch PT	1/2 inch PT	1/2 inch PT	1/2 inch PT
Drive	1 inch	1 inch	1 inch	1 inch	1 inch	1 inch	1 inch
Torque	max. 2033 Nm	max. 2033 Nm	max. 2033 Nm	max. 2033 Nm	max. 2033 Nm	max. 3388 Nm	max. 2439 Nm
Torque	1500 ft/lb	1500 ft/lb	1500 ft/lb	1500 ft/lb	1500 ft/lb	2500 ft/lb	1800 ft/lb
Speed	4000 rpm	4000 rpm	4000 rpm	4000 rpm	4000 rpm	3000 rpm	4000 rpm
Air consumption	255 l/min	255 l/min	255 l/min	255 l/min	255 l/min	410 l/min	255 l/min
Weight	11.3 kg	9.06 kg	11.3 kg	9.84 kg	11.44 kg	16.8 kg	12.5 kg



870 0371



870 1838



870 0953



211 0136



870 9811

	KI-1837P 870 0371	KI-1837 870 0378	KI-1838-6 870 1838	KI-1838 870 1845	KI-32-P 870 0953	APT263 211 0136	SP7191 870 9811
Air inlet	1/2 inch PT	1/2 inch PT	1/2 inch PT	1/2 inch PT	3/8 inch PT	1/2 inch	1/2 inch
Drive	1 inch	1 inch	1 inch	1 inch	1 inch	1 inch	1 inch
Torque	max. 2439Nm	max. 2439Nm	max. 2712Nm	max. 2712Nm	max. 1626Nm	max. 2445Nm	max. 1150Nm
Torque	1800 ft/lb	1800 ft/lb	2000 ft/lb	2000 ft/lb	1200 ft/lb	1800 ft/lb	850 ft/lb
Speed	4000 rpm	4000 rpm	5000 rpm	5000 rpm	5500 rpm	4000 rpm	4300 rpm
Air consumption	255 l/min	255 l/min	255 l/min	255 l/min	269 l/min	300 l/min	l/min
Weight	10.62 kg	11.44 kg	8.1 kg	8.1 kg	5.64 kg	10.6 kg	4.6 kg

K

1" Impact wrenches, pneumatic

Ref. No.	Description	Manufacturer	Model
870 0237	Wrench Impact 1"	Kuani	KI-36-6
870 0835	Wrench Impact 1"	Kuani	KI-36 Short Anvil
870 0419	Wrench Impact 1"	Kuani	KI 36-6MT Mod Torque
870 0803	Wrench Impact 1"	Kuani	KI-36-P Pistol Grip
870 0810	Wrench Impact 1"	Kuani	KI-36-6-P Pistol Grip
870 0243	Wrench Impact 1"	Kuani	KI-45-8
870 0268	Wrench Impact 1"	Kuani	KI-1837-6
870 0371	Wrench Impact 1"	Kuani	KI-1837-P Pistol Grip
870 0378	Wrench Impact 1"	Kuani	KI-1837 Short Anvil
870 1838	Wrench Impact 1"	Kuani	KI-1838-6 Composite
870 1845	Wrench Impact 1"	Kuani	KI-1838 Composite Short Anvil
870 0953	Wrench Impact 1"	Kuani	KI-32-P Pistol Grip
211 0136	Wrench Impact 1"	PCL	APT263
870 9811	Wrench Impact 1"	SP	SP7191 - Long Anvil Pistol Grip

Profile - Kuani KI-1838-6

- KUANI's innovated 1" Drive ultra light weight impact wrench can now satisfy the end user by reducing the weight by 30% compared with the traditional tool.
- The body of KI-1838-6 is made of durable aluminum and not a composite material

compared to some light weight 1" Drive impact wrenches.

- This makes the KI-1838-6 as durable as the classic impact wrench but with an increased torque output of 25%.



NEW - Kuani KI-1469A

- Nuts & bolts are found in lots of restricted environments other than wheels. Farming vehicles and machinery are a perfect example where access is confined to small areas.
- Previously this kind of task could only be carried out with an Angle Impact Wrench, there wasn't any other power tool which was small enough to do the job and Angle Impact Wrenches are very expensive.
- KUANI now manufactures an Impact Wrench that brings an economical solution to this problem, the KI-1469A.

- KI-1469A is specially designed for taking off / tightening nuts which are set at a restricted space where standard impact wrenches cannot reach, for example, nuts for fixing cutters (cultivators) of farm vehicles.
- Power Comparison
- The working torque output of KI-1469A is 500 ft/lb (measured @ the 5th second). KI-1469A is as powerful as KI-856 (with working torque output 600 ft/lb measured @ the 5th second) while KI-1469A (1.55 kgs) is lighter than KI-856 (2.60 kgs).



1" Impact wrenches, pneumatic, accessories

Ref. No.	Description	Accessories:
870 0978	Service Kit For use with: • Wrench 1" Kuani KI-36	870 0999 Rotor Blade Set Of 6 For use with: • Wrench 1" Kuani KI-36
870 0299	Handle Side Spade For use with: • Wrench 1" Kuani KI-36, Kuani KI-45	870 0756 Anvil For use with: • Wrench 1" Kuani KI-36
870 0607	Back Handle Complete Assembly For use with: • Wrench 1" Kuani KI-36	870 1009 Hammer Case Gasket For use with: • Wrench 1" Kuani KI-36
870 0593	Throttle Valve Seat For use with: • Wrench 1" Kuani KI-36	870 0677 Hammer Frame For use with: • Wrench 1" Kuani KI-1837
870 0586	Throttle Valve Plunger For use with: • Wrench 1" Kuani KI-36	870 0639 Hammer case gasket For use with: • Wrench 1" Kuani KI-1837
870 0600	Throttle Valve For use with: • Wrench 1" Kuani KI-36	870 0646 Side handle For use with: • Wrench 1" Kuani KI-1837
870 0579	Throttle Valve Spring For use with: • Wrench 1" Kuani KI-36	870 0653 Back handle complete assembly For use with: • Wrench 1" Kuani KI-1837
870 0572	O Ring For use with: • Wrench 1" Kuani KI-36	870 0660 Rotor Blade For use with: • Wrench 1" Kuani KI-1837
870 0565	Straight Air Inlet For use with: • Wrench 1" Kuani KI-36	870 0669 Back Handle gasket For use with: • Wrench 1" Kuani KI-1837
870 0362	Back Handle Gasket For use with: • Wrench 1" Kuani KI-36	870 0748 Anvil For use with: • Wrench 1" Kuani KI-45
870 0925	Front hammer case For use with: • Wrench 1" Kuani KI-36	870 0769 Side Handle For use with: • Wrench 1" Kuani KI-45
870 4000	Bolts for side handle (4) For use with: • Wrench 1" Kuani KI-36	

1/2" Impact wrenches, pneumatic



870 0007



870 0233



870 0330



870 0306



870 0131

	KI-850K 870 0007	KI-853 870 0233	KI-853K 870 0330	KI-856 870 0306	KI-856K 870 0939	KI-857 870 0131	KI-857K 870 0347
Air inlet	R 1/4 inch	1/4 inch	1/4 inch	R 1/4 inch	R 1/4 inch	R 1/4 inch	R 1/4 inch
Drive	1/2 inch	1/2 inch	1/2 inch	1/2 inch	1/2 inch	1/2 inch	1/2 inch
Torque	max. 312 Nm	max. 678 Nm	max. 678 Nm	max. 678 Nm	max. 678 Nm	max. 813 Nm	max. 813 Nm
Torque	230 ft/lb	500 ft/lb	500 ft/lb	500 ft/lb	500 ft/lb	600ft/lb	600ft/lb
Speed	7000 rpm	10000 rpm	10000 rpm	7000 rpm	7000 rpm	7000 rpm	7000 rpm
Air con- sumption	113 l/min	113 l/min	113 l/min	113 l/min	113 l/min	124 l/min	124 l/min
Weight	2.42 kg	2.56 kg	2.56 kg	2.6 kg	2.6 kg	2.56 kg	2.56 kg



870 0946



211 0143



211 0115



870 9825

	KI-1450 870 0946	APP203 211 0143	APT205 211 0115	SP 870 9825
Air inlet	R 1/4 inch	R 1/4 inch	1/4 inch	R 1/4 inch
Drive	1/2 inch	1/2 inch	1/2 inch	1/2 inch
Torque	max. 813 Nm	max. 928 Nm	max. 540 Nm	max. 550 Nm
Torque	600 ft/lb	682 ft/lb	400 ft/lb	420 ft/lb
Speed	8000 rpm	8500 rpm	7500 rpm	6300 rpm
Air consumption	125l/min	133 l/min	101.7 l/min	0.08m3 l/min
Weight	2.25 kg	1.94 kg	2.4 kg	2.5 kg

1/2" Impact wrenches, pneumatic, continued

Ref. No.	Description	Manufacturer	Model
870 0007	Wrench Impact 1/2" Scope of delivery: <ul style="list-style-type: none"> • Wrench 1/2" Kuani KI-850 • Moulded case • Extension bar 125mm • 1/2" sockets: 9,10,11,13,14,17,19,22,24,27mm • Inline oiler 	Kuani	KI-850 kit
870 0233	Wrench Impact 1/2"	Kuani	KI 853
870 0330	Wrench Impact 1/2" Scope of delivery: <ul style="list-style-type: none"> • Wrench 1/2" Kuani KI-853 • Moulded case • 1/2" Impact Extension bar 75mm • 1/2" sockets: 10,12,14,17,19,22,23,24,27mm 	Kuani	KI-853 kit
870 0306	Wrench Impact 1/2"	Kuani	KI-856
870 0939	Wrench Impact 1/2" Scope of delivery: <ul style="list-style-type: none"> • Wrench 1/2" Kuani KI-856 • Moulded case • 1/2" Impact Extension bar 75mm • 1/2" sockets: 10,12,14,17,19,22,23,24,27mm 	Kuani	KI-856 kit
870 0131	Wrench Impact 1/2"	Kuani	KI-857
870 0347	Wrench Impact 1/2" Scope of delivery: <ul style="list-style-type: none"> • Wrench 1/2" Kuani KI-857 • Moulded case • 1/2" Impact Extension bar 75mm • 1/2" sockets: 10,12,14,17,19,22,23,24,27mm 	Kuani	KI-857 kit
870 0946	Wrench Impact 1/2" - Composite	Kuani	KI-1450
211 0143	Wrench Impact 1/2" - Composite	PCL	APP203
211 0115	Wrench Impact 1/2"	PCL	APT205
870 9825	Wrench Impact 1/2" HD Twin Dog Clutch	SP	
Accessories:			
870 0918	Anvil Shank For use with: <ul style="list-style-type: none"> • Wrench 1" Kuani KI-853 		

3/4" Impact wrenches, pneumatic



870 0124



870 0435
(product has 6" anvil)



870 0117



870 0323

	KI-23 870 0124	KI-23-6 870 0435	KI-23 kit 870 0117	KI-30 870 0323
Air inlet	R 1/4 inch	R 1/4 inch	R 1/4 inch	3/8 inch
Drive	3/4 inch	3/4 inch	3/4 inch	3/4 inch
Torque	max. 1016 Nm	max. 1016 Nm	max. 1016 Nm	max. 1491 Nm
Torque	750 ft/lb	750 ft/lb	750 ft/lb	1100 ft/lb
Speed	6500 rpm	6500 rpm	6500 rpm	5500 rpm
Air consumption	198 l/min	198 l/min	198 l/min	269 l/min
Weight	4.55 kg	6.13 kg	4.55 kg	5.6 kg

Ref. No.	Description	Manufacturer	Model
870 0124	Wrench Impact 3/4"	Kuani	KI-23
870 0435	Wrench Impact 3/4"	Kuani	KI-23-6
870 0117	Wrench Impact 3/4" Scope of delivery: • Wrench 1" Kuani KI-23 • Moulded case • Impact sockets, double depth, 27,30,32,33mm	Kuani	KI-23 kit
870 0323	Wrench Impact 3/4"	Kuani	KI-30

Air ratchets

Air ratchets, pneumatic



870 0010



870 0017



870 0625



870 0632



870 2312



870 0024

	KW316 870 0010	KW350 870 0017	KW-2302 870 0625	KI-2303 870 0632	KI-2312 870 2312	KW450 870 0024
Air inlet	R 1/4 inch	R 1/4 inch	1/4 inch	1/4 inch	R 1/4 inch	R 1/4 inch
Drive	3/8 inch	3/8 inch	3/8 inch	3/8 inch	3/8inch	1/2 inch
Torque	max. 27.1 Nm	max. 68 Nm	max. 54 Nm	max. 108 Nm	max. 108 Nm	max. 68 Nm
Torque	20 ft/lb	50 ft/lb	40 ft/lb	80 ft/lb	80 ft/lb	50 ft/lb
Speed	250 rpm	150 rpm	270 rpm	225 rpm	280 rpm	150 rpm
Air consumption	62 l/min	113 l/min	79 l/min	130 l/min	113 l/min	113 l/min
Weight	0.52 kg	1.2 kg	0.66 kg	1.61 kg	1.24 kg	1.2 kg

Ref. No.	Description	Manufacturer	Model
870 0010	Ratchet Air 3/8"	Kuani	KW316 Stubby
870 0017	Ratchet Air 3/8"	Kuani	KW350 HD
870 0625	Ratchet Air 3/8" Mini SD	Kuani	KI-2302
870 0632	Ratchet Air 3/8" SD	Kuani	KI-2303
870 2312	Ratchet Air 1/2"	Kuani	KI-2312
870 0024	Ratchet Air 1/2"	Kuani	KW450 HD

Air drills

Air drills, pneumatic



870 0038



870 0110



211 0080

	870 0038	870 0110	211 0080
Air inlet	1/4 inch	1/4 inch	1/4 inch
Chuck size	3/8 inch	1/2 inch	3/8 inch
Speed	1800 rpm		1800 rpm
Air consumption	113 l/min		113 l/min
Weight	0.98 kg		1.1 kg

Ref. No.	Description	Manufacturer	Model
870 0038	Drill Air 3/8" - Keyless chuck	Kuani	KD-863-KC Reversible
870 0110	Drill Air 1/2" - Keyless chuck	Kuani	KI-5408-KC Reversible
211 0080	Drill Air 3/8"- Keyless chuck	PCL	APT401R

Accessories:

870 2616 Jacobs chuck key 3/8"

Air hammer

Air hammer, pneumatic

	870 0849
Blows per min	2100 bpm
Bore diameter	3/4"
Air consumption	280 l/min
Air inlet	1/4 PT
Weight	1.85 kg

Ref. No.	Description
870 0849	Air Hammer KI-4710R/H Kit Hexagon



870 0849

Air sanders

Air sanders, pneumatic



870 0138



870 0145



870 0182



870 0189

	KI-6402 870 0138	KI-6403 870 0145	KI-6601 870 0182	KI-6612 870 0189
Air inlet	1/4 inch	1/4 inch	1/4 inch	1/4 inch
Belt size	10 x 330 mm	20 x 520 mm	paper size 125 mm	size of pad 150 mm
Length	290 mm	360 mm	184 mm	225 mm
Speed	16000 rpm	16000 rpm	10000 rpm	10000 rpm
Air consumption	360 l/min	390 l/min	368 l/min	450 l/min
Weight	0.8 kg	1.1 kg	0.77 kg	2.1 kg

Ref. No.	Description	Manufacturer	Model	Content
870 0138	Belt Sander 10mm x 330m	Kuani	KI-6402	
870 0145	Belt Sander 20mm x 520m	Kuani	KI-6403	
870 0182	3 in 1 Orbital Sander	Kuani	KI-6601	
870 0189	3 Dual Action Orbital Sander	Kuani	KI-6612	
Accessories:				
870 0960	Sander Belts 80 Grit 10mm	Kuani	KI-6402	5
870 0967	Sander Belts 120 Grit 10mm	Kuani	KI-6402	5
870 0974	Sander Belts 180 Grit 10mm	Kuani	KI-6402	5

Pneumatic saws

Pneumatic fret saws



- For removal of steel plies embedded within the rubber

Ref. No.	Description	Operating pressure	Length	Content
870 0264	Fret saw, pneumatic KM875 HD <ul style="list-style-type: none"> • For the preparation of sidewall damages to truck tyres 	6 - 8 bar	280 mm	1



870 0264

Cut Off Tool



- For removal of steel plies embedded within the rubber

Ref. No.	Description	Operating pressure	Length	Content
870 0045	Cut Off Tool 3" KI 4402 HD <ul style="list-style-type: none"> • For the preparation of sidewall damages to truck tyres 	6 - 8 bar	444 mm (17 1/2")	1
Accessories:				
870 0271	Discs Cut Off Tool For use with: <ul style="list-style-type: none"> • Steel/rubber 		75 mm	1



870 0045

Air punch/flange tool

Air punch/flange tool

Ref. No.	Description
870 0842	Air Punch/flange tool Kuani KI 4110



870 0842

Pneumatic angle grinder



870 0395



870 0399

Pneumatic angle grinder

	870 0395	870 0399
Speed	11000 rpm	11000 rpm
Size of pad	5"	4"
Air consumption	169 l/min	169 l/min
Weight	1.9 kg	1.9 kg

Ref. No. Description

870 0395 Angle Grinder Air Kuani KI-6802
For use with:
• Steel/rubber

870 0399 Angle Grinder Air Kuani KI-6801
For use with:
• Steel/rubber

Needle Scalars - Vibration Damped



870 0818

Ref. No.	Description	Operation.
870 0818	Needle Scaler Vibration Dampened B18MAV • Suitable for cleaning heavy paint and rust scale from metal surfaces.	Heavy duty

	Unit	Measurement
Bore	mm	23.5
Stroke	mm	35.6
Stroke	inch	1.4
Needle Capacity No. x ø	mm	19 x 3
Blows per minute		3000
Weight	kg	3.5
Weight	lb	7.7
Air Consumption at Free Speed	l/s	2.6
Air Consumption at Free Speed	cfm	5.5
Air Inlet Thread	inch	1/4
Hose Int. Ø	mm	10
Hose Int. Ø	inch	10
Length	mm	400
Length	inch	15.6

Air buffers

Air buffers, pneumatic



870 0250



870 0337



870 0052



211 0094

	870 0250	870 0337	870 0052	211 0094
Air inlet	1/4 PT	1/4 PT	1/4 PT	1/4 PT
Speed	2500 rpm	22000 rpm	22000	22000
Air consumption	396 l/min	424 l/min	113 l/min	85 l/min
Weight	0.91 kg	0.68 kg	0.6 kg	0.6 kg

Ref. No.	Description	Manufacturer	Model
870 0250	Buffer Air - Quick Release	Kuani	KD-860 HD
870 0337	Buffer Air - Drill type chuck	Kuani	KI-4401
870 0052	Buffer Air, with rear exhaust pipe	Kuani	KI-6206-IN
211 0094	Die Grinder	PCL	APT702

Pistol Grip Blowgun

- Manufactured from high quality die-cast alloy, giving the tool a long trouble-free life.

Key Product Benefits

- Robust and compact design
- Supplied with a conical and safety nozzle
- Display packed for convenience

Product Safety Info

- Outlet pressure on blowguns should not

exceed 2bar / 28lbf/in². It is therefore recommended that an in-line regulator is fitted to your air supply to ensure this.

Specifications

- Max Supply Pressure: 10bar / 140lbf/in²
- Connection: 1/4 Female
- Air Flow: 320l/min / 11.2cfm
- Temperature Range: 0 to 80°C



211 1492

Ref. No.	Description
211 1492	Pistol Grip Blowgun For use with: <ul style="list-style-type: none"> • cleaning dust and debris

Chrome sockets 3/8"

Chrome sockets 3/8", standard

- Hexagon
- Chrome Vanadium Steel



Ref. No.	Description	Drive	Size
10380510	Chrome sockets 3/8", standard	3/8 inch	10 mm
10380513	Chrome sockets 3/8", standard	3/8 inch	13 mm
10380514	Chrome sockets 3/8", standard	3/8 inch	14 mm

Impact sockets 3/8", chrome, double depth

- Hexagon
- Chrome Vanadium Steel



Ref. No.	Description	Drive	Size
11138	Socket double depth, chrome, brake	3/8 inch	8 mm
11139	Socket double depth, chrome, brake	3/8 inch	9 mm

Chrome sockets 3/8", double depth

- Hexagon
- Chrome Vanadium Steel



Ref. No.	Description	Drive	Size
10380610	Socket double depth, chrome	3/8 inch	10 mm
10380612	Socket double depth, chrome	3/8 inch	12 mm
10380613	Socket double depth, chrome	3/8 inch	13 mm
10380614	Socket double depth, chrome	3/8 inch	14 mm
10380615	Socket double depth, chrome	3/8 inch	15 mm
10380617	Socket double depth, chrome	3/8 inch	17 mm
10380619	Socket double depth, chrome	3/8 inch	19 mm

Impact sockets 1/2"

Impact sockets 1/2"

- Suitable for use with impact wrench
- Hexagon
- Chrome-molybdenum steel
- Surface burnished

Ref. No.	Description	Drive	Size
120510	Socket	1/2 inch	10 mm
120511	Socket	1/2 inch	11 mm
120513	Socket	1/2 inch	13 mm
12920614	Socket	1/2 inch	14 mm
870 3677	Socket	1/2 inch	15 mm
12920516	Socket	1/2 inch	16 mm
870 3581	Socket	1/2 inch	17 mm
870 3937	Socket	1/2 inch	18 mm
870 3543	Socket	1/2 inch	19 mm
870 3550	Socket	1/2 inch	20 mm
870 3567	Socket	1/2 inch	21 mm
870 3574	Socket	1/2 inch	22 mm
870 3598	Socket	1/2 inch	23 mm
870 3495	Socket	1/2 inch	26 mm
870 2599	Socket	1/2 inch	27 mm
870 3691	Socket	1/2 inch	32 mm
870 3732	Socket	1/2 inch	36 mm
870 3787	Socket	1/2 inch	38 mm



Impact sockets 1/2", double depth, thin wall

- Suitable for use with impact wrench
- Hexagon
- Chrome-molybdenum steel
- Surface burnished

Ref. No.	Description	Drive	Size
870 4099	Socket double depth, thin wall	1/2 inch	17 mm
870 4106	Socket double depth, thin wall	1/2 inch	19 mm
870 4113	Socket double depth, thin wall	1/2 inch	21 mm
870 4054	Socket double depth, thin wall	1/2 inch	27 mm



Chrome sockets 1/2", double depth

- Hexagon
- Chrome Vanadium Steel

Ref. No.	Description	Drive	Size
870 1181	Socket double depth, chrome	1/2 inch	10 mm
870 1188	Socket double depth, chrome	1/2 inch	19 mm
870 1195	Socket double depth, chrome	1/2 inch	21 mm



Impact sockets 1/2", double depth

- Suitable for use with impact wrench
- Hexagon
- Chrome-molybdenum steel
- Surface burnished



Ref. No.	Description	DriveSize	Size
870 3633	Socket double depth	1/2 inch	10 mm
870 3640	Socket double depth	1/2 inch	11 mm
870 3647	Socket double depth	1/2 inch	12 mm
870 3653	Socket double depth	1/2 inch	13 mm
870 3660	Socket double depth	1/2 inch	14 mm
870 3667	Socket double depth	1/2 inch	15 mm
870 4535	Socket double depth	1/2 inch	16 mm
870 4528	Socket double depth	1/2 inch	17 mm
870 4360	Socket double depth	1/2 inch	18 mm
870 4391	Socket double depth	1/2 inch	19 mm
870 4322	Socket double depth	1/2 inch	20 mm
870 4119	Socket double depth	1/2 inch	21 mm
870 4315	Socket double depth	1/2 inch	22 mm
870 4157	Socket double depth	1/2 inch	23 mm
870 4164	Socket double depth	1/2 inch	24 mm
870 3725	Socket double depth	1/2 inch	26 mm
870 4205	Socket double depth	1/2 inch	27 mm
870 3794	Socket double depth	1/2 inch	28 mm
870 3990	Socket double depth	1/2 inch	29 mm
870 3488	Socket double depth	1/2 inch	30 mm
870 4487	Socket double depth	1/2 inch	32 mm
870 4308	Socket double depth	1/2 inch	33mm
870 3930	Socket double depth	1/2 inch	38 mm

Insulated sockets 1/2", chrome, double depth

- Suitable for use with impact wrench
- Hexagon



870 3715

Ref. No.	Description	Drive	Size
870 3715	Socket double depth, insulated	1/2 inch	17 mm
870 4126	Socket double depth, insulated	1/2 inch	19 mm
870 3749	Socket double depth, insulated	1/2 inch	21 mm
870 3739	Socket double depth, insulated	1/2 inch	27 mm
801 2186	Socket set, insulated PCL	1/2 inch	17 mm 19 mm 21 mm

Impact sockets 1/2" - Imperial

- Suitable for use with impact wrench
- Hexagon
- Chrome-molybdenum steel
- Surface burnished

Ref. No.	Description	Drive	Size
870 4494	Socket BSW	1/2	3/4
870 3512	Socket	1/2 inch	1/2 inch
870 4370	Socket	1/2 inch	7/8 inch
870 3536	Socket	1/2 inch	11/16 inch
870 3529	Socket	1/2 inch	15/16 inch
870 4426	Socket	1/2 inch	1 inch
870 2551	Socket	1/2 inch	1 1/16 inch
870 3505	Socket	1/2 inch	1 1/8 inch
870 4580	Socket double depth	1/2 inch	13/16 inch
870 3471	Socket double depth	1/2 inch	11/16 inch
870 4504	Socket double depth BSW	1/2	3/4

Impact sockets 3/4"

Impact sockets 3/4", standard

- Suitable for use with impact wrench
- Hexagon
- Chrome-molybdenum steel
- Surface burnished

Ref. No.	Description	Drive	Size
870 3701	Socket	3/4 inch	19mm
870 3705	Socket	3/4 inch	21 mm
870 4078	Socket	3/4 inch	22mm
870 4188	Socket	3/4 inch	23 mm
870 4330	Socket	3/4 inch	24 mm
870 4092	Socket	3/4 inch	26 mm
801 2368	Socket	3/4 inch	27 mm
870 4257	Socket	3/4 inch	29 mm
870 4264	Socket	3/4 inch	30 mm
801 2461	Socket	3/4 inch	32mm
870 2654	Socket	3/4 inch	33 mm



Impact sockets 3/4", double depth

- Suitable for use with impact wrench
- Hexagon
- Chrome-molybdenum steel
- Surface burnished



Ref. No.	Description	Drive	Size
870 4511	Socket double depth	3/4 inch	17 mm
870 4047	Socket double depth	3/4 inch	19 mm
870 4518	Socket double depth	3/4 inch	22 mm
870 4525	Socket double depth	3/4 inch	24 mm
870 4470	Socket double depth	3/4 inch	27 mm
870 4477	Socket double depth	3/4 inch	28 mm
870 1990	Socket double depth	3/4 inch	29 mm
870 4384	Socket double depth	3/4 inch	30 mm
870 4566	Socket double depth	3/4 inch	32mm
870 2049	Socket double depth	3/4 inch	33 mm
870 4573	Socket double depth	3/4 inch	36 mm
870 2031	Socket double depth	3/4 inch	38 mm

Impact sockets 1"

Impact sockets 1", standard

- Suitable for use with impact wrench
- Hexagon
- Chrome-molybdenum steel
- Surface burnished



Ref. No.	Description	Drive	Size
870 1710	Socket	1 inch	19 mm
870 1727	Socket	1 inch	21 mm
870 2829	Socket	1 inch	22 mm
870 1961	Socket	1 inch	23 mm
870 1734	Socket	1 inch	24 mm
870 2024	Socket	1 inch	26 mm
870 1576	Socket	1 inch	27mm
870 1583	Socket	1 inch	28 mm
870 1600	Socket	1 inch	30 mm
870 1617	Socket	1 inch	32 mm
870 2075	Socket	1 inch	35 mm
870 1655	Socket	1 inch	36 mm
870 1679	Socket	1 inch	38 mm

Impact sockets 1", Thin wall

- Suitable for use with impact wrench
- Hexagon
- Chrome-molybdenum steel
- Surface burnished

Ref. No.	Description	Drive	Size
870 2056	Socket double depth, thin wall	1 inch	27 mm
870 2087	Socket double depth, thin wall	1 inch	28 mm
870 2094	Socket double depth, thin wall	1 inch	30 mm
870 2063	Socket double depth, thin wall	1 inch	32 mm
870 2070	Socket double depth, thin wall	1 inch	33 mm
870 2038	Socket double depth, thin wall	1 inch	34 mm
870 1765	Socket double depth, thin wall	1 inch	38mm
870 4353	Socket double depth, thin wall	1 inch	42 mm



Impact sockets 1", double depth

- Suitable for use with impact wrench
- Hexagon
- Chrome-molybdenum steel
- Surface burnished

Ref. No.	Description	Drive	Size
870 4133	Socket double depth	1 inch	15 mm
870 4140	Socket double depth	1 inch	19 mm
870 4147	Socket double depth	1 inch	21 mm
870 4171	Socket double depth	1 inch	22 mm
870 1047	Socket double depth	1 inch	23 mm
870 1291	Socket double depth	1 inch	24 mm
870 4417	Socket double depth	1 inch	26 mm
870 1033	Socket double depth	1 inch	27 mm
870 1741	Socket double depth	1 inch	28 mm
870 1590	Socket double depth	1 inch	29 mm
870 1026	Socket double depth	1 inch	30 mm
870 1597	Socket double depth	1 inch	31 mm
870 1631	Socket double depth	1 inch	32 mm
870 1648	Socket double depth	1 inch	33 mm
870 1662	Socket double depth	1 inch	34 mm
870 1669	Socket double depth	1 inch	35 mm
870 4432	Socket double depth	1 inch	36 mm
870 4449	Socket double depth	1 inch	38 mm
870 4037	Socket double depth	1 inch	40 mm
870 1978	Socket double depth	1 inch	41 mm
870 4085	Socket double depth	1 inch	42 mm
870 4094	Socket double depth	1 inch	46 mm



Impact sockets 1" - Imperial

- Suitable for use with impact wrench
- Hexagon
- Chrome-molybdenum steel
- Surface burnished

Ref. No.	Description	Drive	Size
870 1741	Socket BSW double depth	1 inch	5/8 BSW/28mm
870 1624	Socket BSW double depth	1 inch	3/4 BSW
870 1143	Socket	1 inch	1 1/8 inch
870 1758	Socket	1 inch	1 1/4 inch
870 1222	Socket	1 inch	1 5/8 inch
870 1909	Socket double depth	1 inch	15/16 inch
870 1253	Socket double depth	1 inch	1 1/8 inch
870 4298	Socket double depth	1 inch	1 3/4 inch



photo for illustration purposes only

Impact sockets, thin wall for disk lock wheel nuts

Ref. No.	Description	Drive	Size
870 1318	Socket double depth	3/4 inch	38 mm
870 1301	Socket double depth	3/4 inch	34 mm
870 1325	Socket double depth	1 inch	34 mm
870 1332	Socket double depth	1 inch	38 mm



Impact sockets, bud, square socket

Ref. No.	Description	Drive	Size
870 1789	Socket bud, double depth	1 inch	21 mm
801 2375	Socket bud, double depth	1 inch	41 x 21 mm
801 2389	Socket bud, double depth	1 inch	13/16" x 1 1/2"



801 2375

photo for illustration purposes only

Socket adaptors

Socket adaptors



photo for illustration purposes only

Ref. No.	Description	Female	Male
311 0105	Adaptor chrome	3/8 inch	1/4 inch
10380036	Adaptor chrome	3/8 inch	1/2 inch
870 1803	Adaptor impact	1/2 inch	3/8 inch
801 2430	Adaptor impact	1/2 inch	3/4 inch
801 2279	Adaptor impact	1/2 inch	1 inch
801 2272	Adaptor impact	3/4 inch	1/2 inch
801 2241	Adaptor impact	3/4 inch	1 inch
801 2289	Adaptor impact	1 inch	3/4 inch

Universal joint

Ref. No.	Description	Drive
10380030	Universal joint, chrome	3/8 inch
10120030	Universal joint, chrome	1/2 inch



Extension bars

3/8" Extension bars, chrome



13202

Ref. No.	Description	Drive	Size
13202	Extension bar	3/8 inch	3 inch
10380021	Extension bar	3/8 inch	6 inch
10380022	Extension bar	3/8 inch	10 inch
801 2330	Extension bar	3/8 inch	15 inch

3/8" Extension bars, impact



Ref. No.	Description	Drive	Size
801 2337	Extension bar	3/8 inch	10 inch
801 2344	Extension bar	3/8 inch	12 inch



10380043

Wobble bar extension set

Ref. No.	Description	Drive
10380043	Wobble bar extension set, 5 piece	3/8 inch



10120021



801 2492

1/2" Extension bars, chrome

Ref. No.	Description	Drive	Size
10120020	Extension bar	1/2 inch	2 1/2 inch
10120021	Extension bar	1/2 inch	6 inch
10120022	Extension bar	1/2 inch	10 inch
801 2492	Extension bar	1/2 inch	15 inch

1/2" Extension bars, impact



Ref. No.	Description	Drive	Size
801 2361	Extension bar	1/2 inch	3 inch
801 2399	Extension bar	1/2 inch	5 inch
870 2582	Extension bar	1/2 inch	8 inch
870 3622	Extension bar	1/2 inch	10 inch

3/4" Extension bars, impact

Ref. No.	Description	Drive	Size
870 3770	Extension bar	3/4 inch	10 inch
870 1569	Extension bar	3/4 inch	16 inch



870 1569

3/4" Extension bars, chrome

Ref. No.	Description	Drive	Size
10340022	Extension bar chrome	3/4 inch	16 inch



1" Extension bars, impact

Ref. No.	Description	Drive	Size
801 2382	Extension bar	1 inch	6 inch
801 2416	Extension bar	1 inch	10 inch
801 2409	Extension bar	1 inch	12 inch
870 1686	Extension bar	1 inch	16 inch



1" Extension bars, chrome

Ref. No.	Description	Drive	Size
10110040	Extension bar	1 inch	8 inch
10110050	Extension bar	1 inch	16 inch



Flexible handle

Ref. No.	Description	Drive	Size
595 3214	Flexible handle	1/2 inch	600 mm
595 3221	Flexible handle repair kit	1/2 inch	



595 3214



595 3221

Power bar

Ref. No.	Description	Drive	Size
10110020	Power bar	1/2 inch	600 mm
595 3242	Power bar	3/4 inch	24 inch



10110020



595 3242



179

Speed bar

Ref. No.	Description	Drive
179	Speed bar	3/8 inch

Socket sets

Socket sets 3/8"



10380503



871 0035



871 0007



AK683

Ref. No.	Description	Imperial/Metric	Type	Pieces
10380503	Socket set, double depth <ul style="list-style-type: none"> Large, easy to read markings for fast identification gives this deep metric socket set the edge. Sockets in 3/8"D Chrome Vanadium and Single Hex (6pt) include: 10/11/12/13/14/15/16/17mm on a quick release socket rail. 	Metric	Chrome	8 pc
871 0035	Socket set <ul style="list-style-type: none"> Sockets 6/7/8/9/10/11/12/13/14/15/16/17/18/19/20/21/22mm, Sliding T Bar, Universal Joint, Ratchet Handle, Extension Bar 3inc 6inc, Spark Plug Sockets 16mm 21mm, Metal Storage Box 	Metric	Chrome	24 pc
871 0007	Socket set <ul style="list-style-type: none"> A comprehensive socket set with standard and deep sockets plus 2 spark plug sockets 10 14mm. Accessories include: professional ratchet, extension bars 75 150mm, sliding T-bar, universal joint, standard sockets: 6-22mm and deep sockets 10-19mm 	Metric	Chrome	34 pc
AK683	Socket set <ul style="list-style-type: none"> Type: 3/8"Sq Drive Deep Metric Sizes: 8, 10, 11, 13, 14, 16, 17, 19mm Imperial Sizes: 3/8", 1/2", 9/16", 11/16" 	Metric/Imperial	Impact	12 pc

Socket sets 1/2"



595 2820



029126



029121



871 0028

Ref. No.	Description	Imperial/Metric	Type	Pieces
595 2820	Socket set standard <ul style="list-style-type: none"> A unique V profile Socket Set that fits Spline, Star, AF, Metric and Whitworth fixings, supplied on a socket rail and mirror finished in Chrome Vanadium. Sizes: 10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/27/30/32mm 	Metric	Chrome	18 pc
029126	Socket set, double depth <ul style="list-style-type: none"> Black finished, Chrome Vanadium deep sockets in plastic storage case. Sizes: 10 13 14 16 17 19 21 22 24mm. 	Metric	Impact	9 pc
029121	Socket set, standard <ul style="list-style-type: none"> Impact sockets in black finish, Chrome Vanadium and complete with 2 extension bars 75mm 125mm and supplied in plastic storage case Sizes: 10/11/12/13/14/16/17/19/21/24mm. 	Metric	Impact	12 pc
029134	Socket set, double depth - Kuani <ul style="list-style-type: none"> 10/11/12/13/14/15/16/17/18/19/22/24/27 mm 1/2F to 3/8M 3/8F to 1/2M 	Metric	Impact	15 pc
871 0028	Socket set <ul style="list-style-type: none"> Sockets 10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/27/30/32mm, Deep Socket 10/13/17/19mm, Adaptor, Universal Joint, Ratchet Handle, Extension Bar 5 Inch 10 inch, Spark Plug Sockets 16mm 21mm 	Metric	Chrome	29 pc

Socket sets 1/2"



870 1019



311 0077



KL01002



801 2186



595 3088

Ref. No.	Description	Imperial/Metric	Type	Pieces
870 1019	Socket set 1/2" + 1/4" • GAITHER	Metric	Chrome	94 pc
311 0077	Hub nut socket set 1/2" + 1/4" • Contents: 30, 32, 34, 35, 36mm • Heavy-duty, high quality, Chrome Molybdenum impact sockets suitable for use with any 1/2" Sq drive impact tool. • Blackened finish for added corrosion resistance. • Tool suitable for hub nut applications where high torque is required. • Supplied in a tough composite storage case.	Metric	Impact	5 pc
KL01002	Socket set, Accu torque • 65 ft/lb(90 Nm)-Green • 80 ft/lb(110 Nm)-Yellow • 100 ft/lb(135 Nm)-Blue • 120 ft/lb(160 Nm)-Grey • 140 ft/lb(190 Nm)-White • All sticks are: (1/2" drive female-(gun end), 1/2" drive male (lug nut socket end) • Sticks are accurate to within +/- 3% when used with a 375-400ft/lb impact gun. • Made of Chrome Vanadium Steel for professional use.	Metric		5 pc
801 2186	Socket set, insulated, PCL APA12 • Impact rated 6 point chrome molybdenum sockets • 3 alloy wheel sockets to cover the most popular sizes for a 1/2" impact wrench • Sizes included (mm): 17, 19, 21 • Storage case complete with individual labeled moulds- for each socket size • All PCL sockets exceed ANSI specifications • Features two grease rings for superior user grip	Metric		3 pc
595 3088	Torque control socket • Pre set to 100 NM (74Ft lb). These sockets are designed to prevent overthrowing with impact wrenches. Set to a torque below the average set on most vehicle's wheel studs to allow 100Nm to be achieved safely and quickly with the final torque achieved with at torque wrench The sockets are in 17, 19 and 21mm. Manufactured from Chrome Molybdenum	Metric		3 pc

Socket sets 3/4"



870 1785

Ref. No.	Description	Imperial/Metric	Type	Pieces
870 1785	Socket set <ul style="list-style-type: none"> • Socket set with Metric and Imperial sockets sizes in Bi-hex format Set includes: 100mm/150mm/200mm extension bars, 3/4"D ratchet, sliding T bar and adaptor plus metric and Imperial sockets Sizes: 22/24/26/27/30/32/33/36/38/41mm and 5/16, 1 1/8, 1 3/8 	Metric	Chrome	26 pc

Socket sets 1"



870 1150

Ref. No.	Description	Imperial/Metric	Type	Pieces
870 1150	Socket set, double depth <ul style="list-style-type: none"> • 24,27,30,32,33 	Metric	Impact	5 pc

Ratchets

Ratchet wrenches



033800



031200

Ref. No.	Description
033800	Reversible ratchet 1/2" <ul style="list-style-type: none"> • Length 215mm • Quick Release Mechanism • Fully polished • Chrome Vanadium
031200	Ratchet 3/8" <ul style="list-style-type: none"> • Length 145mm • Quick Release Mechanism • Polished finished • Ergonomic handle

Wheel brace bars and extensions

Wheel brace bars and extensions



- A double ended 1" drive wheel nut brace.
- Takes any 1" square drive socket.

801 1417



- A long leverage bar for L braces. The brace and bar in two parts allows easier storage on vehicles.

- An L wheel nut brace with welded socket head.



standard brace



reinforced brace

Ref. No.	Description	Drive/Length	Wheel nut size
801 1400	Wheel brace extension bar	500 mm	
801 1438	Wheel brace extension bar	1450 mm	
801 1431	Wheel brace standard - metric		19 mm
801 1534	Wheel brace standard - metric		24 mm
801 155 8	Wheel brace standard - metric		26 mm
801 1376	Wheel brace standard - metric		27 mm
801 1589	Wheel brace standard - metric		28 mm
801 1228	Wheel brace standard - metric		29 mm
801 1383	Wheel brace standard - metric		30 mm
801 1390	Wheel brace standard - metric		32 mm
801 1493	Wheel brace reinforced - metric		27 mm
801 1280	Wheel brace reinforced - metric		32 mm
801 1637	Wheel brace reinforced - metric		33 mm
801 1630	Wheel brace reinforced - hexagon type		33 mm
801 1321	Wheel brace standard - imperial		5/8 inch
801 1345	Wheel brace standard - imperial		3/4 inch
801 1352	Wheel brace standard - imperial		15/16 inch
801 1369	Wheel brace standard - imperial		1 1/2 inch
801 1307	Wheel brace reinforced - imperial		3/4 BSW
801 1273	Wheel brace reinforced - imperial		15/16 inch
801 1572	Wheel brace reinforced - imperial		1 1/4 inch
801 1417	Wheel brace, square drive	1 inch	
801 1424	Wheel brace, extension bar for 1" brace	500 mm	

Spider/Torque wrenches

Spider wrenches, 4 way



840 0114



840 0035



840 0097

Ref. No.	Description	Make		
840 0114	Spider wrench - 24,27,33,38mm	Melco 4WL/P		•
840 0035	Spider wrench - 17,19,21,22mm	Melco 4WC/I	•	
840 0097	Spider wrench - 17,19, 22mm and 1/2" drive	Hazet 705 V-02	•	•

Spider wrenches, 6 way



870 4463





870 2128



870 2135

	870 4463	870 2128	870 2135
Length	390 x 390 mm	390 x 390 mm	700 x 700 mm
Drive	1/2 inch		3/4 inch
Size	17, 19,21,22,24	16,17,19,21,22,24	15/16, 1 3/16, 1 5/16, 1 1/12

Ref. No.	Description	Make		
870 4463	Spider wrench	Melco 6WC/3P	•	
870 2128	Spider wrench	Melco 6WB6	•	
870 2135	Spider wrench	Melco 6WL/P		•

Torque wrenches



800020



311 3461



311 0042



311 4371



311 4395



311 4378



311 3482

Ref. No.	Description	Drive	Working range	Length	Weight
800020	Torque wrench, Norbar SL0/TT20	3/8 inch	1 - 20 Nm	230 mm	0.4 kg
311 3461	Torque wrench, Norbar TRUTORQUE TT50	3/8 inch	8 - 50 Nm	278 mm	0.5 kg
311 0042	Torque wrench, Draper	1/2 inch	40 - 210 Nm	475 mm	1.5 kg
311 4371	Torque wrench, Norbar TRUTORQUE TT250	1/2 inch	50 - 250 Nm	560 mm	1.4 kg
311 4395	Torque wrench, Norbar PRO330	1/2 inch	60 - 330 Nm	635 mm	1.5 kg
311 4378	Torque wrench, Norbar 4R	3/4 inch	150 - 700 Nm	1150 mm	6.3 kg
311 3482	Torque wrench, Norbar 5R	1 inch	300 - 1000 Nm	1475 mm	7.3 kg

Accessories

311 3503	Repair ratchet kit, Norbar 5R
311 3510	Torque wrench spring set
311 3468	Torque multiplier

Torque wrench adaptors



Ref. No.	Description	Male	Female
870 2733	Torque wrench adaptor	1/2 inch	1/2 inch
870 1772	Torque wrench adaptor	3/4 inch	3/4 inch
870 1693	Torque wrench adaptor	3/4 inch	1 inch
870 1810	Torque wrench adaptor	1 inch	1 inch

Selson Acutorque® torque multiplier - M18



311 3468
(for further technical data contact
REMA TIP TOP)

- Selson Acutorque® torque multipliers offer an easy way to tighten or loosen nuts, bolts or screws with greater accuracy and less effort.
- High torque, low effort. Selson torque multipliers are manually operated tools which

achieve very high torque outputs without the need for back-breaking exertion. The planetary gearing multiplies the input from a 4:1 torque ratio up to 40:1 to the output shaft, depending on the model used.

Ref. No.	Torque ratio	Maximum Input	Maximum Output	Length	Maximum diameter
311 3468	4:1	437 Nm	1750Nm	196 mm	82 mm

Wheel nut indication

CHECKPOINT®

- The CHECKPOINT® indicator is fitted on the wheel nuts
- When a wheel nut comes loose, the direction of the indicator changes visibly
- CHECKPOINT® makes it possible to correctly check vehicles for loose wheel nuts during the daily inspection rounds
- Further sizes available on request

Ref. No.	Description	Size	Colour	Content
870 4617Y	CHECKPOINT® Indicator	17 mm	yellow	1
870 4618Y	CHECKPOINT® Indicator	18 mm	yellow	1
870 4619R	CHECKPOINT® Indicator	19 mm	red	1
870 4619Y	CHECKPOINT® Indicator	19 mm	yellow	1
870 4621R	CHECKPOINT® Indicator	21 mm	red	1
870 4621Y	CHECKPOINT® Indicator	21 mm	yellow	1
870 4622Y	CHECKPOINT® Indicator	22 mm	yellow	1
870 4623Y	CHECKPOINT® Indicator	23 mm	yellow	1
870 4624R	CHECKPOINT® Indicator	24 mm	red	1
870 4624Y	CHECKPOINT® Indicator	24 mm	yellow	1
870 4625Y	CHECKPOINT® Indicator	25 mm	yellow	1
870 4626R	CHECKPOINT® Indicator	26 mm	red	1
870 4626Y	CHECKPOINT® Indicator	26 mm	yellow	1
870 4627R	CHECKPOINT® Indicator	27 mm	red	1
870 4627Y	CHECKPOINT® Indicator	27 mm	yellow	1
870 4628R	CHECKPOINT® Indicator	28 mm	red	1
870 4628Y	CHECKPOINT® Indicator	28 mm	yellow	1
870 4629R	CHECKPOINT® Indicator	29 mm	red	1
870 4629Y	CHECKPOINT® Indicator	29 mm	yellow	1
870 4630R	CHECKPOINT® Indicator	30 mm	red	1
870 4630Y	CHECKPOINT® Indicator	30 mm	yellow	1
870 4631R	CHECKPOINT® Indicator	31 mm	red	1
870 4631Y	CHECKPOINT® Indicator	31 mm	yellow	1
870 4632R	CHECKPOINT® Indicator	32 mm	red	1
870 4632Y	CHECKPOINT® Indicator	32 mm	yellow	1
870 4633R	CHECKPOINT® Indicator	33 mm	red	1
870 4633Y	CHECKPOINT® Indicator	33 mm	yellow	1
870 4634Y	CHECKPOINT® Indicator	34 mm	yellow	1
870 4636Y	CHECKPOINT® Indicator	36 mm	yellow	1
870 4638R	CHECKPOINT® Indicator	38 mm	red	1
870 4638Y	CHECKPOINT® Indicator	38 mm	yellow	1
870 4641Y	CHECKPOINT® Indicator	41 mm	yellow	1





DUSTITE®

- DUSTITE® LR is a combination of a dust cap and a loose wheel nut indicator
- DUSTITE® LR is an efficient tool to visually detect loose wheel nuts where wheel trims with wheel nut access holes have been fitted
- Further sizes available on request

Ref. No.	Description	Size	Colour	Content
870 4672G	DUSTITE®	32 mm	grey	1
870 4686G	DUSTITE®	33 mm	grey	1
870 4672Y	DUSTITE® Base Indicator	32 mm	yellow	1
870 4686Y	DUSTITE® Base Indicator	33 mm	yellow	1
870 4927Y	DUSTITE® Top indicator LR	27 mm	yellow	1
870 4920Y	DUSTITE® Top indicator LR	30 mm	yellow	1
870 4714Y	DUSTITE® Top indicator LR	32 mm	yellow	1
870 4707Y	DUSTITE® Top indicator LR	33 mm	yellow	1

CHECKLINK®

- CHECKLINK® links wheel nuts and prevents loose wheel nuts from being projected away from the wheel bolt
- However, the tightening torques always have to be checked regularly
- Further sizes available on request



Ref. No.	Description	Size	Colour	Content
870 4727Y	CHECKLINK®	27 mm	yellow	1
870 4732Y	CHECKLINK®	32 mm	yellow	1
870 4733Y	CHECKLINK®	33 mm	yellow	1

RIC CLIP®

- The Ric Clip security system is fitted over adjacent wheel nuts: 5 clips being required on a 10 stud hub. It is inexpensive and no special fitting tools are required. It is fitted over the nuts and locked by hand or with a pair of pliers.



Ref. No.	Description	Size	Colour	Content
870 4603	RIC CLIP	33 mm	blue	10
870 4610	RIC CLIP	33 mm	black	10
870 4596	RIC CLIP	32 mm	silver	10
870 4589	RIC CLIP	30 mm	yellow	8
870 4859	RIC CLIP	27 mm	black	6

CHECKLOCK

- The Checklock SQ is a premium stainless steel wheel nut retention device that links adjacent wheel nuts and helps prevent wheel nut loosening.
- Checklock SQ can be fitted easily with one hand through the power of leverage, by pressing down the two arms. When the arms are released the coils tighten on the nuts and grip them firmly. No fitting tool is required, dramatically reducing both fitting and removal time. This results in more rapid and flexible maintenance.
- Stainless steel is the gold standard for durability and elevates the Checklock SQ above competitive products manufactured in mild steel.
- PCD stands for pitch circle diameter and is the diameter of a circle drawn through the centre of your wheel's bolt holes. P.C.D. is measured in millimeters and also indicate the number of studs or bolts the wheel will have.

Ref. No.	Description	PCD	Stud	Size	Content
	CHECKLOCK	139.7	4	17 mm	1
	CHECKLOCK	139.7	4	19 mm	1
	CHECKLOCK	165.1	5	19 mm	1
	CHECKLOCK	165.1	5	24 mm	1
	CHECKLOCK	275	8	27 mm	1
	CHECKLOCK	275	8	30 mm	1
870 4932	CHECKLOCK	225	10	32 mm	1
	CHECKLOCK	335	10	33 mm	1
	CHECKLOCK	285	10	38 mm	1
	CHECKLOCK	335	10	38 mm	1



Surepoint Rim Rite Rim Align

- A wheel fitted to a vehicle without being centred correctly can suffer from wheel wobble, shudder and vibration. As well as posing a significant safety issue to the vehicle it is also attributed to over-wear on tyres and fatigue on the suspension.
- The Rim Rite rim alignment kit is a cost effective solution to this problem, and precisely centres the wheel on the knave, stopping excess vibration.
- Available exclusively for Scania wheels, once the Rim Rite kit has been used, wheel nuts can be correctly torqued reducing the risks associated with wheel nut loosening.
- The kit consists of three re-usable precision-machined steel bushes supplied in a padded plastic storage box. To use, simply screw each of the bushes over three wheel studs in a triangular pattern until the spigot of the bush enters the gap between the stud and the hole in the rim.



Ref. No.	Description
870 4688	Rim Align - Scania Wheels

Stud Hole Elongation Testers

- Stud hole elongation testers provide a quick and simple method of measuring the effects of pressure on the hole that the stud passes through before being attached to the hub via the wheel nut.
- The purpose of the stud hole elongation tester is to check that the shape of the hole has not been elongated by the movement of a stud caused by a loose wheel nut. It will also identify if the hole has been damaged by the over-tightening of a wheel nut.
- Studs that have been constantly over-tightened tend to lose their elasticity and will appear to need frequent re-tightening. Once the studs will have stretched beyond their designed limit they will lengthen and then shear, either by re-tightening or under running conditions - the latter having potentially lethal results.
- A gap of a micron or so between wheel nuts and the wheel rim can result in movement between rim and nuts causing stress to the studs which in time become work-hardened (brittle) leading to the studs shearing off without any warning.
- Stud Hole Elongation Testers provide a safe and effective indication of constant nut rotation or a sheared stud and are available for spigot mounted wheels and conical or spherical stud holes.

Ref. No.	Description
870 4695	Stud Hole Elongation Testers Set (2)



Working tools

Mallets



837 2060

837 4422



837 205-3

Ref. No.	Description	Length of handle	Weight
837 2060	Mallet Soft Faced	260 mm	680 g
837 4422	Mallet Rubber No2 500g	250 mm	450 g
837 4446	Mallet Rubber No4	280 mm	1000 g
837 205-3	Mallet Copper & Rawhide	230 mm	1200 g
837 2098	Mallet Copper & Rawhide	230 mm	1100 g



837 2091

837 2101



870 5092

870 3213



870 3206

870 3292

870 3299

Hammers

Ref. No.	Description	Length of handle	Weight
837 2084	Hammer Lump	210 mm	1000 g
837 2091	Hammer Lump	210 mm	4lb/1.8kg
837 2108	Hammer Claw	280 mm	560 g
837 2101	Wedge Hammer	360 mm	3lb
870 5085	Hammer Ball Pein	270 mm	16 oz
870 5092	Hammer Ball Pein	320 mm	32 oz
870 3213	Hammer Half Sledge	370 mm	4 lb/1.8kg
870 3206	Hammer Sledge	700 mm	7 lb
870 3292	Hammer Sledge	830 mm	10 lb
870 3299	Hammer Sledge	900 mm	14 lb

Pliers for auto service



595 2294



07MB461



595 0801



07419



595 0843



38999



836 9134



836 9141



595 0829

Ref. No.	Description	Pieces	Length
595 2294	Pliers combination <ul style="list-style-type: none"> Carbon steel hardened and tempered. 	<ul style="list-style-type: none"> The jaws and cutting edges are induction hardened. PVC dipped handles. Display packed. 	6 inch
07MB461	Pliers long nose <ul style="list-style-type: none"> Long nose for better access. Chromed Nickel Steel. 	<ul style="list-style-type: none"> Serrated jaws. Spring loaded. Covered by TUV/GS certificates. 	150 mm
595 0801	Pliers side cutters <ul style="list-style-type: none"> 6" (150mm). Chromed Nickel steel pliers. Serrated jaws. 	<ul style="list-style-type: none"> Spring loaded. TUV/GS certificate. 	6 inch
07419	Pliers waterpump <ul style="list-style-type: none"> Manufactured from carbon steel hardened, tempered and matt chrome plated with a five position slip joint adjustable head. 	<ul style="list-style-type: none"> Cushion grip handles. Has 'no-nip' feature which prevents handles locking together and damaging users' hands. Display packed 	240 mm
595 0843	Pliers waterpump <ul style="list-style-type: none"> 400mm length. Serrated jaws. 	<ul style="list-style-type: none"> Spring loaded mechanism. Covered by TUV GS certificates. Chromed nickel steel. 	400 mm
38999	Pliers circlip set <ul style="list-style-type: none"> 4 piece set. Spring loaded. Soft paddle grips coloured handles. 	<ul style="list-style-type: none"> Colour coded tools. Manufactured from Chrome Molybdenum 	4
836 9134	Pliers set <ul style="list-style-type: none"> Carbon steel hardened and tempered. The jaws and cutting edges are induction hardened. Cushion-grip handles. 	<ul style="list-style-type: none"> Display packed. Contents: combination pliers, diagonal side cutters and long nose pliers 	3 160 mm
836 9141	Pliers set heavy duty <ul style="list-style-type: none"> Heavy duty pliers set with comfort grip handles 180mm (7") Combination, 160mm (6") Long Nose, 160mm (6") Side Cutter. 		3
595 0829	Fuel line disconnection plier set <ul style="list-style-type: none"> 120 x 8mm twin peg pliers with red handles for use on Chrysler, Ford and Renault petrol fuel systems 20 x 8mm dia. pliers with green handles for use on GM (Vauxhall/Opel) fuel systems 20 x 10mm dia. pliers with blue handles for use on Chrysler, Ford and Renault diesel fuel systems 		3

Mole grips



595 0815



836 9018



836 9011



07404



595 0822

Ref. No.	Description	Length
595 0815	Mole grip, curved jaw Power Grip Pliers, plated, round and flat grip. Chrome vanadium. Wire Cutter/ Crimper Action. Self locking and with release lever.	250 mm/10 inch
836 9018	Mole grip, curved jaw Black Anodised. 250mm (10") length. Locking grip. Bull nose.	250 mm/10 inch
836 9011	Mole grip, straight jaw Carbon steel and nickel plated for corrosion protection. Serrated gripping jaws, adjustable opening with quick release lever. Display packed.	225 mm
07404	Mole grip, long nose Long Nose Power Grip Pliers, plated. Chrome vanadium. Wire Cutter/Crimper Action. Self locking, with release lever.	230 mm/9 inch
595 0822	Pliers lock grip Facom (Facon T5) Facom's T5 lockgrip pliers are safe, practical and ergonomic. Their one handed operation offers a smooth controlled release.	290 mm

Adjustable spanner



595 3130



054003



054004



054005

Ref. No.	Description	Length
595 3130	Adjustable spanner	200 mm/8 inch
054003	Adjustable spanner	200 mm/8 inch
054004	Adjustable spanner	10 inch
054005	Adjustable spanner	300 mm/12 inch

Stilsons



870 1002



870 2379

Ref. No.	Description	Length
870 1002	Stilsons	12 inch
870 2379	Stilsons	24 inch

Crows foot wrench set



11388

Ref. No.	Description	Pieces
11388	Crows foot wrench set Complete with rail 3/8" Drive Sizes Include 10/11/13/14/15/17/19 & 22mm Specifically designed for use with 3/8"D Extension Manufactured from Chrome Vanadium	8

Spanner sets



871 0000



870 0412

Ref. No.	Description	imperial/metric	Pieces
871 0000	Combination spanner set Supplied in tool roll. Sizes: 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 30 32mm.	metric	25 pc
870 0412	Combination spanner set Manufactured to DIN 3113 standards in Chrome Vanadium Sizes 8/9/10/11/12/13/14/15/16/17/18/19m	metric	12 pc



Combination spanners

Ref. No.	Description	Length	Head
04600507	Combination spanner	110 mm	7 mm
04600508	Combination spanner	120 mm	8 mm
04600509	Combination spanner	130 mm	9 mm
04600510	Combination spanner	140 mm	10 mm
04600511	Combination spanner	150 mm	11 mm
04600512	Combination spanner	160 mm	12 mm
04600513	Combination spanner	170 mm	13 mm
04600514	Combination spanner	180 mm	14 mm
04600515	Combination spanner	190 mm	15 mm
04600516	Combination spanner	200 mm	16 mm
04600517	Combination spanner	210 mm	17 mm
04600518	Combination spanner	220 mm	18 mm
04600519	Combination spanner	230 mm	19 mm
04600520	Combination spanner	240 mm	20 mm
04600521	Combination spanner	250 mm	21 mm
04600522	Combination spanner	260 mm	22 mm
04600524	Combination spanner	280 mm	24 mm
04600527	Combination spanner	310 mm	27 mm
04600530	Combination spanner	340 mm	30 mm
04600532	Combination spanner	360 mm	32 mm
04601719	Open end spanner	19 mm x 17 mm	

Workbench vices



Ref. No.	Description	Jaw size
836 9202	Workbench Vice <ul style="list-style-type: none"> Quality cast iron body with steel screw and handle. Hardened carbon steel interchangeable jaws. Carton packed. 	150 mm
836 9216	Workbench Vice <ul style="list-style-type: none"> Bench mounting, heavy-duty vice with cast iron body and replaceable, serrated steel jaws. Smooth rolled thread for accurate clamping. Model includes an anvil. Guaranteed for 2 years against breakage. 	200 mm

Hydraulic press



311 0021



311 0000

Ref. No.	Description	Type
311 0021	Hydraulic press bench type <ul style="list-style-type: none"> • Standard Hydraulic Range • Detachable pump and ram allowing hydraulics to be used for other purposes when press is not in use. Supplied with gauge. • Bench or Floor Mounting: Bench • Type: Hydraulic • Capacity: 10 ton • Ram Stroke: 155mm • Extension Screw: - • Maximum Height - Ram to Table: 390mm • Minimum Height - Ram to Table: 190mm • Table Aperture: 140mm • Working Table Depth: 165mm • Working Table Width: 360mm • Overall Height: 945mm • Gauge Included: Yes • Weight: 52kg 	10 ton
311 0000	Hydraulic press <ul style="list-style-type: none"> • Standard Hydraulic Range • Detachable pump and ram allowing hydraulics to be used for other purposes when press is not in use. Supplied with gauge. • Type: Floor • Capacity: 10 ton • Ram Stroke: 203mm • Extension Screw: - • Maximum Ht. - Ram to Table: 685mm • Minimum Ht. - Ram to Table: 25mm • Table Aperture: 83mm • Working Table Width: 416mm • Overall Height: 1514mm • Gauge Included: Yes • Weight: 66kg 	10 ton

Screwdriver sets



870 0992

Ref. No.	Description	Pieces
870 0992	Screwdriver set <ul style="list-style-type: none"> Blades manufactured from chrome vanadium steel hardened, tempered and chrome plated. PVC handles. Display packed. Contents: <ul style="list-style-type: none"> 4 plain slot size: 5 x 75, 6 x 100, 5 x 150 and 6 x 150mm 2 PZ TYPE: No.1 and 2 PZ TYPE products are compatible with *Pozidriv®/Supadriv® fixing systems. 	6 pc



06509

06509	Screwdriver set <p>Colour coded with magnetic black tips. Soft grip screwdrivers set with ergonomic handles. Sizes: Flat 3.2mm x 75mm 5mm x 100mm 6mm x 100mm 8mm x 150mm and PzDrive: Pz0 x 75mm Pz1 x 75mm Pz2 x 100mm Pz2 x 38mm. Supplied in a plastic storage case. Manufactured from Chrome Vanadium.</p>	8 pc
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06512E

06512E	Screwdriver set, engineer <p>Scope of delivery:</p> <ul style="list-style-type: none"> Flat regular type: 3 x 100mm, 5 x 75mm, 5 x 150mm, 6 x 150mm, 8 x 150 mm and 6 x 38mm PH type: PH0 x 75mm, PH1 x 75mm, PH2 x 100mm, PH2 x 38mm PZ type: PZ1 x 75 mm and PZ2 x 100mm 	12 pc
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22322

Impact driver sets

Ref. No.	Description	Pieces
22322	Impact driver set <ul style="list-style-type: none"> 15 piece set. <p>Includes 1/2"D impact driver & 1/2"D bit adaptor. Includes Flat 4 6 8 10 12mm. Phillips Ph1 Ph2 Ph3 Ph4 and Hex 4 5 6 8mm. 5/16" (8mm) shank. Manufactured from Chrome Vanadium.</p>	15 pc

TORX STAR

Ref. No.	Description	Pieces
59264	T30 T Handle Draper Tx-star D Ended Key <ul style="list-style-type: none"> High leverage keys with conventional Draper TX-STAR end on the long arm and Draper TX-STAR tamperproof end on the short arm. Arms manufactured from SCNM steel hardened and tempered. High impact-resistant polypropylene handles. Display packed. 	1 pc
59262	T25 T Handle Draper Tx-star D Ended Key <ul style="list-style-type: none"> High leverage keys with conventional Draper TX-STAR end on the long arm and Draper TX-STAR tamperproof end on the short arm. Arms manufactured from SCNM steel hardened and tempered. High impact-resistant polypropylene handles. Display packed. 	1 pc
55997	T25 Tx-star Tamperproof Screwdriver <ul style="list-style-type: none"> Satin chrome plated magnetic chrome vanadium steel blades hardened and tempered with sand blasted tip. Square matt black handles manufactured from high impact resistant plastic. Sold loose. 	1 pc
26917	Torx bit set DRAPER 78277 <ul style="list-style-type: none"> Made from Chrome Vanadium steel this set comes with: <ul style="list-style-type: none"> 1 x 1/2" Drive adaptor 7 x 30mm Long Torx bits: T20, T25, T30, T40, T45, T50 and T55 7 x 75mm LongTorx Bits: T20, T25, T30, T40, T45, T50 and T55 	15 pc
871 0021	TX Star 1/2 ball end key set <ul style="list-style-type: none"> Keys with ball end on the long arm and conventional ends on short arm. The ball type hexagon tip allows the key to be used up to 15° angle from the screwhead recess. Chrome vanadium steel hardened and tempered with satin finish. Held in plastic storage holder with belt clip. Display packed. Scope of delivery: <ul style="list-style-type: none"> Contents: T10, T15, T20, T25, T27, T30, T40, T45 and T50. 	9 pc
311 0161	Hex Bit 5mm x 160mm Ball End 3/8" Drive	
595 3074	Screwdriver set, TS and star Scope of delivery: <ul style="list-style-type: none"> Screwdriver set with double ended interchangeable blades. One end has standard tamperproofStar with the other having the new five sided TS. Dual sizing and extra long blades make this set ideal for difficult access automotive applications and most other electronic applications Sizes TS10/TS15/TS20/TS25/TS27/TS30/TS40 and Star T10/T15/T20/T27/T30/T40 	7 pc



59264
59262



55997



26917



871 0021



311 0161



595 3074



55660
55662
55665

Torx star sockets

Ref. No.	Description	Drive	Size
55660	Socket, torx star	3/8 inch	40 TX
55662	Socket, torx star	3/8 inch	45 TX
55665	Socket, torx star	3/8 inch	50 TX



595 2827

Star socket set

Ref. No.	Description	Pieces
595 2827	Star socket set <ul style="list-style-type: none"> • 14 Star Sockets Set; made from super strong Chrome Vanadium. • Complete with the following sizes: 1/4DD: E4/E5/E6/E7/E8 3/8DD: E10/E11/E12/E14 1/2DD: E16/E18/E20/E22/E24 	14 pc

Impact spline set

- Finished in impact quality Chrome Vanadium. Supplied on socket rail.
- 4 Piece x 75mm long.
- Popular sizes for VAG vehicles.
- Manufactured in quality Chrome Vanadium.
- Includes sizes M12 | M14 | M16 | M18.
- M18 for rear hubs on Golf, M16 for rear hubs on Sharan, M12 for rear hubs on Touran, M14 rear hubs on LT/Transporter.



595 2918

Ref. No.	Description	Pieces
595 2918	Impact spline set	4 pc

Drill bits



35364

Ref. No.	Description	Pieces
35364	Drill bit set <ul style="list-style-type: none"> • High quality HSS Titanium coated drill bits designed to reduce friction and heat. Quicker swarf clearance from the cutting edge produces a superior quality of finish compared to normal HSS drills. • Ideal for use on stainless steel, copper and high carbon steels. Supplied in carry-case. 	21 pc

Hexagon keys/tools

Ref. No.	Description	Drive	Pieces
054190	Allen key set hex <ul style="list-style-type: none"> Thirteen metric keys standard length and twelve long reach imperial keys. Chrome vanadium steel hardened and tempered. Packed in vinyl storage roll and display carton. Scope of delivery: <ul style="list-style-type: none"> 13 x Metric hexagon keys, sizes: 1.5, 2, 2.5, 3, 4, 4.5, 5, 5.5, 6, 7, 8, 9 and 10 mm, 12 x Imperial hexagon keys, sizes: 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16 and 3/8-inch, 1 x Storage wallet 		25 pc
595 2897	Hex bit set <ul style="list-style-type: none"> Popular 7 piece Hex bits on a rail in 3/8"D size. 3/8"D. 3mm 4mm 5mm 6mm 7mm 8mm 10mm. Manufactured from Chrome Vanadium. 	3/8"	7 pc



054190



595 2897

Stud extractor

Ref. No.	Description	Drive	Size	Pieces
KL-0181-1	Impact stud extractor, chuck type <ul style="list-style-type: none"> A robust stud extractor that can operation on studs from 6 -12mm. Jaws are manufactured from Chrome Molybdenum for extra strength Works effectively on rusted, damaged, broken or stripped studs. Jaws are manufactured from Chrome Molybdenum. Suitable for 6-12mm studs. Fully adjustable. 	3/8"	6-12mm	1 pc
870 0689	Stud Extractor <ul style="list-style-type: none"> Roller type with 1/2" square drive or 21mm hexagon on end of socket. Unscrews both left and right hand threads. Manufactured from chrome vanadium steel hardened, tempered and chrome plated for corrosion protection. 	1/2"	8 mm	1 pc
870 0696	Stud Extractor <ul style="list-style-type: none"> Description as above 	1/2"	10 mm	1 pc
870 0703	Stud Extractor <ul style="list-style-type: none"> Description as above 	1/2"	12 mm	1 pc
022300	Stud Extractor LH Helix <p>Contents: 1/8"-1/4", 1/4"-5/16", 5/16"-7/16", 7/16"-9/16", 9/16"-3/4"</p> <ul style="list-style-type: none"> Manufactured from heat treated Chrome Molybdenum steel. Rapid acting helix aids screw removal. Supplied in storage case. 			5 pc



KL-0181-1



870 0689
870 0696
870 0703



022300



External thread restorer file

Ref. No.	Description	Pieces
15602	External thread restorer file <ul style="list-style-type: none"> Restoration tool set for damaged or corroded threads. Repairs almost any diameter bolt or stud. Handles left or right handed threads. Ideal for working in hard to reach areas. 	1 pc

File/chisel sets



36324



871 0014



18161

Ref. No.	Description	Pieces
36324	Mini file set <ul style="list-style-type: none"> Moulded plastic handles. packed in plastic storage wallet. Contains; flat parallel; flat taper; half round; round; square and three square files. 	6 pc
871 0014	File set <ul style="list-style-type: none"> 200mm blades. Flat, half round and triangular files 	3 pc
18161	Chisel punch set Scope of delivery: <ul style="list-style-type: none"> Centre Punch Parallel pin punch Cold Chisel Utility Chisel & Taper Punch 	5 pc



50346

Tap and die set metric

Ref. No.	Description	Pieces
50346	Tap and die set metric <ul style="list-style-type: none"> A standard tap and die set with all the accessories required. 40 pieces in Carbon Steel. 17 tap and die size in various thread gauges. Die wrench (25mm), tap wrench (3-12mm). T-handle wrench and 3mm Flat screwdriver. Folding pitch gauge and centre punch. Wire brush. 	40 pc

Emergency wheel nut remover

Ref. No.	Description	Pieces
870 5195	Emergency wheel nut remover <ul style="list-style-type: none"> This 4 piece locking wheel nut remover set is manufactured from heavy gauge impact steel this four piece sets holds 17mm, 18.5mm, 21.5mm and 26mm wheel nut removers 38mm long for removing most locking wheel nuts when the key has been lost 	4 pc
870 5067	Locking wheel nut remover <ul style="list-style-type: none"> The Dynomec Locking Wheel Nut Remover. The simple to use kit will remove 100% of locknuts on the market, with no damage to the wheel due to the protective steel shroud. 	9 pc

Accessories

870 5054	Nut Wheel Locking Remover Blade C
870 5099	Nut Wheel Locking Remover Blade B
870 5061	Nut Wheel Locking Remover Blade A
870 5068	Nut Wheel Locking Remover Inner Shroud
870 5075	Nut Wheel Locking Remover Outer Shroud



870 5195



870 5067

Hacksaw and blades

Ref. No.	Description	Size	Content
09701	Hacksaw <ul style="list-style-type: none"> Robust quality professional Hacksaw. 305mm (12") blade. Robust. Professional quality. Blades available separately Part No. 0254. Can be used with any standard blades (12"). 	12 inch	
870 5077	Junior hacksaw <ul style="list-style-type: none"> Junior Hacksaw which takes standard hacksaw blades. Simple blade replacement. Lightweight. 	6 inch	

Accessories

870 2843	Hacksaw blades	12 inch	10
870 2874	Hacksaw blades junior	6 inch	10



09701



870 5077

Specialist vehicle tools:

- Brake Tools
- Engine Tools
- Suspension Tools
- Driveshaft Tools
- Exhaust Tools
- Slide Hammer/Puller Set

Brake tools

Brake pipe spanner

- Brake Service Spanners for a variety of modern vehicles.
- Open Ended Spanner
- For use with most modern vehicles
- Chrome Plated
- Correctly hardened



Ref. No.	Description	Size
660670	Brake pipe spanner	7/16" x 9/16"
660680	Brake pipe spanner	11mm x 13mm
660690	Brake pipe spanner	10mm x 11mm
660140	Brake pipe spanner	9mm x 11mm

Brake wrench



660660



595 2946

- This popular size Hex key is presented with an easy grip handle for leverage. The 7mm size is used on brake seat fittings, disc brake release bolts, gearbox drain plugs on CVH engines and valve adjustment on Audi, BMW, Ford, Peugeot Vauxhall/Opel and Volkswagen.
- Suitable for many popular vehicles.
- Disc brake release bolts.
- Gearbox drain plugs.
- Valve adjustment.
- Brake seat fittings.

Ref. No.	Description	Size
660660	Brake wrench	7 mm
595 2946	Brake wrench	8 mm

Brake tools



595 2925



660925



641213



68426

Ref. No.	Description	Size
595 2925	Brake pipe corrosion tool <ul style="list-style-type: none"> • An essential tool suitable for service maintenance and pre-MOT inspection. This handy tool features three scraping positions for removal of grime and debris enabling detection of deteriorating or corroded brake pipes. MOT compliant 	
660925	Brake Pipe Mini Tube Cutter <ul style="list-style-type: none"> • Great for confined spaces • Small handy design for easy storage • Easy to use • Cuts without damage to burred edges 	3-16 mm dia
641213	Brake Flaring Tool <ul style="list-style-type: none"> • This Brake Flaring Tool Set is designed to be used in conjunction with a bench vice. • The turn key has dies for producing single and double flares in 4.75mm 3/16" 1/4" 5/16" 3/8". • The set comprises of 4 sizes of clamping blocks for holding the brake pipes (3/16"(4.75mm), 1/4" 5/16" 3/8"). • Spare dies are also available. • Supplied in a blow mould case. 	3/8"-4.75mm
68426	Brake Caliper Pin Punch Set <ul style="list-style-type: none"> • 2 piece. • For removing brake retaining pins. • Sizes 5.5mm & 6mm. • 6mm uses a pilot tip to locate in hollow pins. • Fits most cars. 	5.5mm - 6mm

Brake tools continued



595 2960



595 2911



52417



2928



9664

Ref. No.	Description	Size
595 2960	Digital Brake Disc Caliper <ul style="list-style-type: none"> • This Brake Disc Digital caliper gauge measures in metric and imperial (0-75 mm) with an interchangeable system. • With a Data Hold function, LCD reading on a 12mm display and two batteries are included. • This tool is Ideal for use by mechanics to show the customer clearly when their brake discs need replacing. • Supplied with 2 batteries and in a plastic storage case 	
595 2911	Digital Brake Disc Caliper <ul style="list-style-type: none"> • This Brake Disc Digital caliper gauge measures in metric and imperial (0-6inch or 0-150mm with) with an interchangeable system. • With a Data Hold function, LCD reading on a 12mm display and two batteries are included. • This tool is Ideal for use by mechanics to show the customer clearly when their brake discs need replacing. • Supplied with 2 batteries and in a plastic storage case. • The product is CE certificated and is ROHS compliant 	150mm/6"
52417	Brake Drum Vernier Gauge <ul style="list-style-type: none"> • Measures drum wear to ensure within manufacturer's tolerance. • Also aids quick set-up of shoe/drum clearance prior to re-installation of drum. • Measures drums from 165 to 292mm (6-1/2" to 11-1/2"). • Dual Imperial and Metric scale. • Knurled locking action. 	
2928	Digital Vernier Caliper <ul style="list-style-type: none"> • This digital Vernier Caliper measures accurately from 0 -150mm (6") switches from imperial to metric measurements, external measuring jaw plus depth measurement gauge. • Manufactured from hardened and tempered stainless steel. • Large LCD display. • Metric/Imperial option, zero setting, on/off switch, locking screw plus internal and external measuring jaws. • LR44 batteries included. 	150mm/6"
9664	Electronic digital micrometer <ul style="list-style-type: none"> • Precision micrometer with digital read out metric and imperial settings • Supplied with case • Range 0-25mm • Resolution 0.001mm/0 	0-25 mm

Brake tools continued

Ref. No.	Description	Size
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595 3102	Pneumatic brake caliper rewind tool <ul style="list-style-type: none"> For use with pneumatic/air tools for brake caliper wind back tools with either pin type or 3/8" D type drives 	3/8" drive
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595 3102

595 3109	Pneumatic brake caliper rewind tool set <ul style="list-style-type: none"> Brake Caliper Wind Back Tool Kit complete with air tool. A new product that assists this essential servicing procedure. The air tool is also available separately for use with other products. Weight: 3.112 Kg This kit includes the Pneumatic rewind tool and can be used on left and right hand threaded pistons. Adaptors for the most modern vehicles are included. The pneumatic tool is suitable for all adaptors with either pin type drives or 3/8"D. 	
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595 3109

595 3116	Brake caliper wind back tool kit <ul style="list-style-type: none"> A master set of Brake Caliper Rewind Tools for the majority of modern vehicles. This up to the minute set has been upgraded to include 23 rewind adaptors and covers BMW Mini, Jaguar S & X type and Renault Modus/Clio. It includes both left and right handed threaded rewind tools plus special reaction plates for BMW Mini. Full instructions are included with the set along with a complete application list. 	150mm/6"
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595 3116

595 2953	Brake Disc Removal Tool For Ford Transit <ul style="list-style-type: none"> Removes the front brake discs without damaging the bearings on FWD and RWD Ford Transits from 2001 onwards. Manufactured from Chrome Molybdenum for strength. 	
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595 2953

11206

11206	Brake spring washer tool <ul style="list-style-type: none"> Gives good visibility to align the nail and washer slot. Removes and installs brake shoe retaining washer with ease 	
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35900	Brake Spring Tool <ul style="list-style-type: none"> For use on brake systems that do not use anchor pins Comfortable grip handle Selected steel Black finish Time saver 	
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35900

Brake tools continued



11534

Ref. No.

Description

11534

Hydraulic brake hose clamp

- Smooth rounded jaw edges prevent damage to internal hose reinforcement.
- Quick and simple, one-handed use.
- Made from durable glass reinforced nylon.
- Material properties include light weight, non-conductive and high-visibility colour to prevent accidental loss of clamp in the engine bay.



595 2967

595 2967

Brake spring pliers

- Purpose made for the installation and removal of drum shoe return springs.
- Can also be used for removal/installation of spring from anchor stud.
- Suitable for most car and light commercial drum brakes.



37316



VS820

37316

Brake Bleeding Kit

- A kit designed for one person bleeding of brakes. The one way valve incorporated in the 600mm long silicon tube prevents air returning into the brake system whilst brake bleeding. Display packed.

VS820

Power Bleeder® Brake Bleeding System VS820

- One-man brake and clutch bleeding the professional way. Bleeding requires no external power source - simply fill and pump. Reservoir holds 2.5ltr of hydraulic fluid - flush the entire system with one fill without the risk of running the reservoir dry. Pressure range makes unit suitable for use with ABS systems. Fitted with Ø42mm cap and suitable for most European models.



595 2325



311 0119

595 2325

Brake and Clutch Bleeding System plus Universal Adaptor

- Universal reservoir cap for Model No. VS820 Brake & Clutch Bleeding System.
- Supplied with quick connect.

311 0119

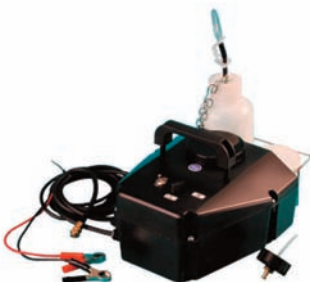
Manual brake bleeder

- 2 litre capacity tank.
- One way siphoning method.
- Operating pressure 10psi/Maximum pressure rating 30psi.
- Quick connector and pressure release valve.
- Pressure gauge 0-70psi (0-5bar).

519 9411

Pressure brake and clutch bleeder

- No more messing around with air supplies or hand pumps
- Operation can be completed by a single operator in around 15 minutes
- Fluid can be changed as well as bleeding the system
- Operates off 12 volts supply - car's own battery
- No compressed air used, therefore no possibility of contamination of the fluid
- Supplied with a European cap adapter
- Suitable for clutch bleed as well as brake bleed



519 9411

Brake tools continued



076100



077122



AT180



AT330

Ref. No.	Description
076100	Magnetic Stand without Indicator <ul style="list-style-type: none"> • Precision ground stand base with rotary controlled magnet. • Suitable for use with scribes and dial gauges
077122	Dial Gauge Indicator 10mm Travel Metric <ul style="list-style-type: none"> • Precision mechanism with 55mm dial and locking, rotating bezel. • Interchangeable foot.
AT180	Brake Pad Spreader <ul style="list-style-type: none"> • Chemically blackened steel spreader plates. • An essential tool for retracting the brake piston to allow insertion of new brake pads. • Suitable for most ATE, Bendix, Delco and Girling callipers. • Fitted with tommy bar but can be used with 1/2" Sq drive ratchet wrench or spanner. • Applications: Alfa, Audi, Fiat, Ford, Nissan, Peugeot, Renault, Rover, Vauxhall/Opel, VW (Porsche)
AT330	Brake Disc Pad Puller <ul style="list-style-type: none"> • A disc brake pad puller is a tool that enables the quick and easy removal of disk brake pads. A disk brake pad puller tool, such as the one illustrated here, is especially useful if the brake pads have become bound and can't be loosened by hand or with the simple tap of a hammer. To use the tool, insert the pins in the pad and the small slide hammer (which is also the handle) employed to ease the pad away from caliper.

Brake tools continued



59078



311 0098



595 2932



VS0271

Ref. No.	Description
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- | | |
|--------------|---|
| 59078 | Brake fluid tester <ul style="list-style-type: none"> • Specially designed for checking the moisture content in brake fluid. Comparative electrolyte-type tester which passes current through the fluid and measures any resistance present. Simple to calibrate, very easy to use and read with an audible test cycle. Adjustable test probe for easy access. Uses 1 x 9V battery (PP3 - sold separately). Display packed. |
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- | | |
|-----------------|--|
| 311 0098 | Brake Disc Fluid Tester <ul style="list-style-type: none"> • Wurth 0715 53 200 |
|-----------------|--|

- | | |
|-----------------|---|
| 595 2932 | Brake Fluid Tester Pen <ul style="list-style-type: none"> • A simple and effective tester shows the condition of the brake fluid with a coloured response. • Green indicates brake fluid is 1.5% water and Ok whilst red indicates 3% water and fails the test. • Automatic shut off when not in use. |
|-----------------|---|

- | | |
|---------------|---|
| VS0271 | Brake Fluid Tester Boil Test <ul style="list-style-type: none"> • The approved method of testing the water content of brake fluid. • Just 3% of moisture can lower the brake fluid boiling point by over 100°C. • The best way to detect this small water content is to measure the boiling point of the fluid. • The unit incorporates a heater element, an LCD display and a power lead for use on 12V DC power supplies. • Works on DOT 3, 4 and 5.1 specification fluids. • Supplied in carry-case with full operating instructions. |
|---------------|---|

Pentagon bit set



595 2939

Ref. No.	Description	Drive	Pieces
595 2939	Pentagon bit set <ul style="list-style-type: none"> • A set of specialist sockets and bit for use on most Bendix and Girling brakes. Also used on the Smart car. Set includes 14mm 19mm Pentagon socket and 10mm Pentagon bit all in 1/2"D. Packed in a blow case for storage. • Set includes 14mm 19mm Pentagon socket and 10mm Pentagon bit. • For use on most Bendix and Girling brakes. • Packaged in a blow case for storage. 	1/2 inch	3 pc

Engine tools

Engine tools



311 4343



595 3081



595 2848 - 595 3193



595 2869



311 0154



311 0147

Ref. No.	Description	Size
311 4343	Vacuum Oil and Fluid Extractor Manual <ul style="list-style-type: none"> Constructed from composite materials Suitable for the extraction of all types of engine, transmission and lubricating oils from cars, motor-cycles, marine engines, stationary engines and industrial machinery Also suitable for low viscosity fluids such as water Uses probes to drain engine oil through the dipstick hole Can also be used for draining fish tanks, basins and sinks 	6.5ltr Capacity
595 3081	Fluid Filler/ Remover <ul style="list-style-type: none"> This product is suitable for adding or removing any type of liquid. Especially useful for filling batteries and removing water from cooling systems or expansion bottles when topping up. Ideal for topping up batteries. Also good for removing water from cooling systems. Simple and effective. Will work with any type of liquid. 	
595 2848	Oil Filter Socket <ul style="list-style-type: none"> Oil filter socket for BMW N62 5/7 Series V8 engines from 2004 onwards 24mm x 30mm deep 	24 mm 3/8"Drive
595 2855	Oil Filter Socket <ul style="list-style-type: none"> Eco-oil filter wrench for use on Mercedes A Class vehicles 27mm 	27 mm 3/8"Drive
595 2862	Oil Filter Socket <ul style="list-style-type: none"> Oil filter socket for Vauxhall/Opel including Astra G Corsa B and Zafira. 	32 mm 3/8"Drive
595 3200	Oil Filter Socket <ul style="list-style-type: none"> Applications include Vauxhall/Opel 16v (98-) BMW 24v petrol/diesel engines, Mercedes-Benz 116 MB engine Vito Cdi, Ford vehicles with Duratorq diesel engines and the new style Transit Vans 	36 mm 3/8"Drive
595 3193	Oil Filter Socket <ul style="list-style-type: none"> Removes paper filter without damaging the filter housing, suitable for Vauxhall vectra 2.00. Manufactured from Chrome Vanadium 	38 mm 3/8"Drive
595 2869	Oil Filter Wrench Set <ul style="list-style-type: none"> 5 Piece supplied in blow mould case for storage Sizes: 24/27/32/36/38mm Applications include: BMW Mini BMW Mercedes-Benz A Class Vauxhall Vectra 2.0 Opel Astra-G Corsa-B Zafira plus Ford and Volkswagen VR6. Manufactured from Chrome Vanadium 	5 pc 3/8"Drive
311 0154	Lambda Sensor Socket <ul style="list-style-type: none"> Designed extra long specifically for removing and installing the deep seated Lambda sensors on Mercedes-Benz (C and E Class 602,605,606) Volkswagen Audi Group BMW Ford Vauxhall/Opel Volvo and Rover. 	22 mm
311 0147	Plug Socket 3/8"D 8mm Thin Wall <ul style="list-style-type: none"> This especially designed, thin walled spark plug socket with a spring clip to hold the plug is used on most Citroën vehicles plus other manufacturer's fitted with Bosch spark plugs such as BMW E90335I N54 engine 2006 BMW Mini, Mercedes-Benz M156 engine Peugeot 207 and 307 Renault 1.2 16v. 	8 mm 3/8"Drive

Engine tools continued



311 0084
311 0091



56137



595 2876



AK658



595 2883



311 0056

Ref. No.	Description	Size
311 0084	BOA Constrictor Strap Wrench <ul style="list-style-type: none"> Used for many plumbing jobs, on cars and irregular shapes and provides over 2,000lb of pressure without marking the workpiece. Both strength and flexibility are provided by the braided rubber strap, which fits into a slot in the handle of the tool and provides a perfect fit on the workpiece. 	10mm (3/8 in) to 10cm (4 in) Diameter
311 0091	BOA Constrictor Strap Wrench, aluminium <ul style="list-style-type: none"> Used for many plumbing jobs, on cars and irregular shapes and provides over 2,000lb of pressure without marking the workpiece. Both strength and flexibility are provided by the braided rubber strap, which fits into a slot in the handle of the tool and provides a perfect fit on the workpiece. 	10mm (3/8 in) to 10cm (4 in) Diameter
56137	Filter Wrench - Strap <ul style="list-style-type: none"> Strap style filter wrench for soft gripping and removing oil filters etc. Can be used with either 1/2"D or 3/8"D sockets 	1/2" drive and 3/8" drive
595 2876	Drain plug key set <ul style="list-style-type: none"> A set of popular keys for draining differentials, sumps, axles and gearboxes on most modern vehicles. Now includes 10mm (F) square and the latest triangular in 3/8"D. Hex 8 9 10 12 14 17mm. Square 7 8 11 13 15 16". Supplied in a blow mould case. 	14 pc
AK658	Drain Plug Key Set <ul style="list-style-type: none"> This Drain Plug Key Set includes most sizes for BMW, Citroen, Ford, Honda, Lancia, Mazda, Mercedes-Benz, Nissan, Peugeot, Renault, Saab and Volkswagen. Sizes include 14/17mm Hex 10/12mm Hex 9mm/5/16" Hex 8/13mm Square and 3/8"/11mm Square 	5 pc
595 2883	Feeler Gauge AF/MM 32 Blades + Brass <ul style="list-style-type: none"> Metric and imperial. Brass blades for use on the reluctor air gap on electronic ignition systems where non-ferrous blades are required. Metric sizes: 0.038-0.0889/0.010-0.254. Imperial Sizes: 0.0015"-0.035". Brass: 0.010-0.254. 	
311 0056	Engine stand <ul style="list-style-type: none"> This engine stand accepts a wide variety of engines and transmissions. The head swivels 360° for accessibility to all parts of the engine. Fully adjustable mounting arms. Swivel castors provide excellent manoeuvrability. 	450kg Capacity

Suspension tools

Suspension tools

Ref. No.	Description	Size
311 0049	Coil Spring Compressing Station Hydraulic <ul style="list-style-type: none"> • 1500kg Foot operated hydraulic unit. • Quicker and easier than using ratchet driven spring compressor. • Plastic coated yokes reduce the risk of spring slip-page or damage and are suitable for springs from Ø102mm to Ø160mm. 	1500kg Capacity



311 0049

KL0055	MacPherson Strut Compression Vise Adapter <ul style="list-style-type: none"> • MacPherson Strut Compression Vise Adapter for mounting struts in a vise, which can help reduce shock and strut assembly and disassembling times.
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KL0055

KL15902	Adaptor Set
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871 0056	Strut Nut Socket Set <ul style="list-style-type: none"> • Draper Expert 4 Piece Set Of Strut NutsExpert Quality, for the removal and installation of shock absorber retaining nuts on most VW and Audi vehicles. Plated finish. Uses 22mm socket or spanner. 	4 pc
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871 0056

63770	Ball Joint Separator - Scissor Type <ul style="list-style-type: none"> • For separating ball joints this tool uses the scissor method. Always grease threaded bar before and after use. • Removes ball pin housing on steering arms. • Carbon Steel. • Thrust nut for leverage.
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63770

595 3172	Ball Joint Separator - Scissor Type <ul style="list-style-type: none"> • Heavy Duty Ideal for more robust applications • Ideal for many applications • Scissor Type • Robust quality tool • Thrust nut for leverage
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595 3172

AK382	Ball Joint Separator - Fork Type <ul style="list-style-type: none"> • For separating ball joints this tool uses the forked, leverage method. • Short shaft. • Manufactured to Ansi/DIN standards. • Secure jaws.
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AK382

Suspension tools continued



871 0049



311 0112



311 0077

Ref. No.	Description	Size
871 0049	Square Drive Ball Joint Socket <ul style="list-style-type: none"> Expert Quality, 6 point socket designed specifically for use on ball joints of Rover Mini, Maxi, Allegro, BMC 11/1300. Also flywheel nuts on Rover allegro, Metro, Mini and BMC 11/1300. Forged from chrome vanadium steel hardened, tempered, chrome plated and polished for corrosion protection. Display packed. 	38mm (1.1/2" Af) 1/2" drive
311 0112	Hub nut socket <ul style="list-style-type: none"> 3/4" Drive 65mm 6 pt (single-hex) Specially for the hub nuts on Transit vans Manufactured from Chrome Vanadium 	65 mm

311 0077	Hub nut socket set 1/2" + 1/4" <ul style="list-style-type: none"> Contents: 30, 32, 34, 35, 36mm Heavy-duty, high quality, Chrome Molybdenum impact sockets suitable for use with any 1/2" Sq drive impact tool. Blackened finish for added corrosion resistance. Tool suitable for hub nut applications where high torque is required. Supplied in a tough composite storage case. 	
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Driveshaft tools

Driveshaft tools



595 2806



595 2813

Ref. No.	Description	Air pressure
595 2806	CV Bootgun <ul style="list-style-type: none"> Designed for stretching flexible CV boots on to the drive shaft assemblies of automotive vehicles. For use with an air compressor. Works at 4-7 bar and on a maximum diameter of 110mm. Full instructions supplied. 	4-7 bar
595 2813	CV Boot Tool <ul style="list-style-type: none"> Assists with installing a new CV Boot Cone made of composite material Steel centre Allows fitting of the CV boot without disassembly Time saver 	

Exhaust tools

Ref. No. Description

37870 Exhaust Pipe Flaring Tool
 • Pipe flaring tools are a necessity to help you replace or repair an exhaust pipe.



37870

311 0014 Exhaust Pipe And Tubing Cutter
 • 16 cutting blades.
 • Cuts from 20-75mm (3/4" to 3").
 • Assures even cutting.
 • Time saver.
 • Knurled grip.



311 0014

Slide hammer/puller set

Slide hammer pullers



PS983



311 0070



AK713

Ref. No.	Description	Pieces
PS983	Slide Hammer/Puller Set • 2.5kg Slide hammer with 570mm shaft. • Use eight ways: external three-jaw puller, internal three-jaw puller, external two-jaw puller, internal two-jaw puller, grip wrench adaptor, lip puller, hub puller, dent puller. • Supplied in carry-case. • Puller Type: Twin Leg • Internal Capacity: Ø35-110mm • Reach: 82mm • External Capacity: Ø50-140mm • Reach: 75mm • Puller Type: Triple Leg • Internal Capacity: Ø50-135mm • Reach: 82mm • External Capacity: Ø20-135mm • Reach: 75mm • Total Shipping Weight: 11.625kg	10 pc
311 0070	Hydraulic Hub Puller Set • Chromed, heat treated S45C steel puller yoke with hydraulic ram. • Suitable for four and five stud hubs. • Hydraulic ram provides additional power to extract the most stubborn hubs. • Supplied in storage case.	
AK713	Universal Hub Puller • Chromed steel body with thrust bolt and tommy bar. Suitable for four and five stud hubs. Use with a 1/2" Sq drive ratchet wrench or with tommy bar supplied.	

Battery/Electrical

Battery/Electrical



311 5201



032005



595 2841



595 2904

Ref. No.	Description
311 5201	Battery Charger Electronic 10Amp 6/12V 230V <ul style="list-style-type: none"> • 10Amp, 6V/12Volt output. • Compact electronic battery charger with pressed steel casing and carrying handle. • Intelligent charge control and selectable 6V or 12V output are perfect for long-term maintenance of batteries on irregularly or seasonally-used vehicles. • Suitable for lead acid or low maintenance batteries. • Reverse polarity protection prevents inadvertent damage to charger. • LED display confirms charger status. • Analogue ammeter shows charging current. • Can be connected to a battery for an indefinite period - the intelligent circuitry constantly monitoring the voltage and maintaining the charge level at optimum.
032005	Battery Hydrometer <ul style="list-style-type: none"> • Battery Tester for Lead Acid batteries, easy to read with floating discs showing level of charge. Temperature compensating allows hot or cold temperature testing. Readings in both specific gravity and percentage charge. Range 1.145 to 1.260sg
595 2841	Memory Master - Memory Saver & Battery Tester 12V <ul style="list-style-type: none"> • Ingenious product combines two useful functions. • Memory Master attaches to a 12V slave battery and provides power via the cigarette lighter socket to on-board electronics whilst vehicle's own battery is disconnected. • The Memory Master also provides a quick check of the battery's condition with a digital voltage display. • This device saves valuable time spent re-programming lost codes. • Supplied with 1.33mtr cable and crocodile clips.
595 2904	Vehicle memory saver - GUNSON 4148 <ul style="list-style-type: none"> • Keep all vital security codes when changing the battery. Plug into 12v output socket and enough power is supplied to keep all electronic systems working so that settings and codes are not lost
311 5215	Battery tester (Discharge tester) <ul style="list-style-type: none"> • Lightweight portable load tester for 12V batteries. No spark can occur when first connected to the battery, eliminating any risk of explosion. • The battery is automatically loaded for a controlled time, so eliminating operator error. Battery condition is determined from the voltmeter reading. • Operating instructions for various battery types are provided. • Dimensions 165 x 165 x 220mm • Weight 4Kg • 125A and 250A loading • Load timer light

Battery/Electrical



595 2974



311 5228



61837



032000

Ref. No.	Description
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595 2974	Battery & Alternator Tester <ul style="list-style-type: none"> • This Battery and Alternator Tester is a 12 volt, Direct Current Battery and Alternator tester. Simple and effective. • Simple to use • Use with 12volt DC current only • CE Certificated • Test battery and alternator • LED gives immediate identification of voltage output
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311 5228	Digital Voltmeter 3533 <ul style="list-style-type: none"> • This Digital Multi-meter is for measuring AC and DC voltages, DC current, resistance, and diodes. Maximum 500v DC and 500v AC. <p>This digital Multi-meter is for measuring AC and DC voltages. Measures AC and DC Voltage. DC current, resistance and diodes etc. Maximum input 500V DC (500 V AC). Digital display.</p>
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61837	Heavy Duty 9V Pp3 Size Alkaline Battery <ul style="list-style-type: none"> • Battery
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032000	Antifreeze Tester For Propylene Glycol <ul style="list-style-type: none"> • Easy to read indicator and designed for modern Propylene Glycol antifreeze. Number of floating discs indicates level of antifreeze protection. Tests at hot and cold temperatures in Celsius and Fahrenheit. Floating orange disc shows over protection and loss of efficiency. A solution of more than 70% antifreeze will give LESS protection. Pure antifreeze will freeze at -6 F
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Extension Lead

Ref. No.	Description
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72718	Extension lead 10 metre <ul style="list-style-type: none"> • Complies with BS1363A and EN61242 Specifications • Robust, easy wind action with built-in hand grip and twin child-proof socket outlets, gated for safety. Maximum load 10A*. Fitted with approved plug. • *Maximum load fully unwound. If the extension cable is used fully wound then the max. load is reduced to 5A.
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72718

K

Workshop organisation/tidy

Tool organiser



63195



63194



311 0063



311 5238

Ref. No.	Description
63195	Draper Tool/organiser Box With Tote Tray - Small <ul style="list-style-type: none"> Impact-resistant polypropylene with six storage compartments in lid. Fitted with sturdy carrying handle, metal latch closure and a padlock eye for security. The removable tote tray measures 386 x 174 x 35mm. Sold loose. <p>Dimensions - 400 x 207 x 178mm</p>
63194	Draper Tool/organiser Box With Tote Tray - Medium <ul style="list-style-type: none"> Manufactured from impact-resistant polypropylene with nine storage compartments in lid. Fitted with sturdy carrying handle, two metal latch closures and a padlock eye for security. The removable tote tray measures 480 x 211 x 45mm. Sold loose. <p>Weight: 1.615 Kg</p>
311 0063	Mechanics Tool Chest And Tools Package <ul style="list-style-type: none"> The CHT634 includes the popular CTC900 cabinet and the following tools. 7pc Long Arm Ball End AF Hex Key Set with Clip, 7pc Long Arm Ball End Metric Hex Key Set with Clip, 25pc AF/Metric Hex Key Wrench, 7pc ½" Impact Driver Set, 24pc AF/Metric Combination Spanner Set, CHT110 3pc Plier Set, 6pc Mini Plier Set, 2pc Water Pump Plier Set, 8pc Professional Screwdriver Set, 3pc Aviation Snip Set, 11pc Metal File Set, 2pc Hacksaw Set, 40pc Torx/Spline & Bit Holder Set, 41pc ¼" & 3/8" Drive AF/Metric Socket Set, 19pc HSS Drill Bit Set, 16oz Tubular Claw Hammer, 3pc Lock Grip Plier Set, 12pc Drill & Screw Extractor Set, 100pc Bit Set.
311 5238	Tool Bin Trolley Double Sided <ul style="list-style-type: none"> Complete with plastic storage bins

Tool accessories

Ref. No.	Description
595 3060	Pick Up Tool - Extending Magnetic LASER 3990 <ul style="list-style-type: none"> • Flexi shaft for accessibility. • Features needle jet tool for clearing windscreen jets. • Strong magnet will pick up to 3.5lbs. • Extends up to 460mm . • Pocket clip.

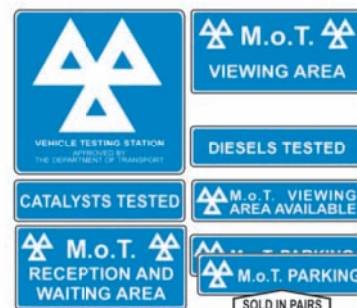


595 3060

MOT

MOT Signage

Ref. No.	Description
MCT7580	MOT Sign: Catalysts Tested
MDT7590	MOT Sign: Diesels Tested
MIS7740	MOT Sign: Information
MPS7570	MOT Sign Parking Area (Pair)
MRW7585	MOT Sign: Waiting Area
MTT7510	MOT Sign: Vehicle Testing Station
MVA7575	MOT Sign: Viewing Area
870 9797	MOT Sign: Viewing Area Available



MOT charts and aids

Ref. No.	Description	Content
MNB7600	MOT Chart: Notice Board	1
MTP1100	MOT Tool Shadow Board	1
ODS6240	MOT Document Store	1
870 9782	MOT Shadow Board C/W Tools	1



870 9782

MOT tools



CAT1099



STM1855



035396



KL012633



13951



13952

Ref. No.	Description	Size	Content
CAT1099	Corrosion Assessment Tool <ul style="list-style-type: none"> • The only official design of tool fully approved for MOT use by VOSA in the UK. • Metal shaft and composite body in accordance with VOSA specification. • Durable design reduces risk of breakage of joint if dropped. • Check for the approved markings. 	140 mm	1
WDT6070	Windscreen Ruler		
STM1855	Measuring Tape	5 metre	1
035396	Lever Pry Bar Set <ul style="list-style-type: none"> • 4 piece. • 4 lengths. • Soft grip handles. • Sizes 600 480 300 200mm. • Manufactured from Chrome Molybdenum. 		4
KL012633	Windscreen Washer Jet Needle Tool <p>This handy tool allows cleaning of clogged washer nozzles and accurate adjustment of the nozzle spray direction. Screw on end caps protect the cleaning needles and pocket clip enables the tool to be carried in a shirt pocket. Universal applications. Ball or fixed head nozzles. Great for Service Advisors in the write up lane.</p>		1
13951	Staple Gun HD-T50 - ARROW FASTENER		1
13952	Staples T50-6mm	6 mm	1

Charts and Information

Radial Patches - RAD 100 370 – 371

Radial Patches - RAD 500 372 – 373

CROSS PLY Repair Patches 374 – 375

Minor Damage Tyre Repair 376

Chart

EQUAL Application Chart 377

Wall chart RAD 100



Ref. No.	Description
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581 2000 Wall chart RAD 100, 48 x 67 cm



Language



















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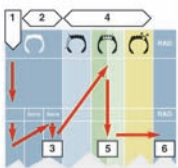


Art. Nr.	RAD		
512 1104	RAD 110 TL	1	55 x 75
512 1159	RAD 115 TL	1	75 x 90
512 1160	RAD 116 TL	1	67 x 104
512 1207	RAD 120 TL	2	80 x 125
512 1221	RAD 122 TL	2	75 x 175
512 1245	RAD 124 TL	2	75 x 220
512 1252	RAD 125 TL	3	115 x 125
512 1360	RAD 135 TL	4	148 x 203
512 1403	RAD 140 TL	3	100 x 195
512 1427	RAD 142 TL	4	130 x 265
512 1441	RAD 144 TL	4	130 x 330
512 1465	RAD 146 TL	4	180 x 440

									
		Speedindex	A	R	C O	A	R	S O	RAD
	- Q	10	15	10	10	10	6	110	
		20	30	20	20	20	8	115	
		20	35					116	
	- T	6	12	8	8	8	6	110	
		15	30	12	12	12	6	115	
								116	
	- H	6	6	6	6	6	3	110	
		10	10	10	10	10	6	115	
		3	3	6	6	6	3	110	
	- V	-	-	8	8	8	-	115	
-		-	3	3	3	-	110		
-		-	6	6	6	-	115		
	- ZR	-	-	6	6	6	-	115	
		-	-	10	10	10	-	115	
		8	8	12	12	12	3	116	
	- T	15	30	15	15	15	8	120	
		-	-	6	6	6	-	115	
		6	6	10	10	10	-	115	
	- H	15	20	12	12	12	3	120	

Art. Nr.	RAD		
512 1104	RAD 110 TL	1	55 x 75
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512 1252	RAD 125 TL	3	115 x 125
512 1360	RAD 135 TL	4	148 x 203
512 1403	RAD 140 TL	3	100 x 195
512 1427	RAD 142 TL	4	130 x 260
512 1441	RAD 144 TL	4	130 x 335
512 1465	RAD 146 TL	4	180 x 430

	 Serie 100-90	 Serie 85-80	 Serie 75-70	 Serie 65-60	 Serie 55-45	 ①	 ②	 ③				
						A	R	C O	A	R	S O	RAD
  min – 122 LI	6.00 – 7.50	9 R – 10 R 245/ – 265/	205/ – 235/	245/ – 265/	–	10 15 20 20 10 25	15 60 50 80 60	15 15 25 25 12	15 20 25 40 15	20 25 10 –	8 120 122 140 115	
 8.25 – 10.00	9 R – 10 R	245/ – 265/	245/ – 265/	275/ – 315/	–	4 8 6 10 20 10	80 60 10 80 60 110	– – 12 12 20 30	– – 12 20 20 30	– – 20 40 50	– 8 140 142	124 120 140
 225/ – 245/	245/ – 265/	245/ – 265/	245/ – 265/	275/ – 315/	–	20 25 20 40 – – –	80 135 80 – – –	30 40 40 10 20 40	30 40 70 10 35 60	20 25 12 – – –	140 142 144 115 125 135	
 12.5R – 14.75 R	11 R – 13 R	12/ – 14/ 14.75/	11/ – 13/ 275/ – 375/	325/ – 385/	355/ – 385/	6 10 15 10 25 20	6 60 35 100 80 130	12 20 25 25 40	12 20 30 50 70	20 10 20 25 60	6 140 142 144 115 125 135	120 140 142 144 115 125 135
 11.00 – 13.00	275/ – 385/	275/ – 385/	275/ – 375/	325/ – 385/	355/ – 385/	40 – – – –	80 – – – –	40 10 20 40 15	40 70 25 10 15	25 140 142 144 115 125 135	140 142 144 115 125 135	
  14.00 – 16.00	15 R – 24 R	15.5 – 395/ – 475/	445/ – 605/	395/ – 525/	425/ – 495/	12 10 20 20 30	30 100 60 130 60	15 20 20 30	15 25 30	25 10 15 25 50	10 140 142 144 115 120 125 135	140 142 144 115 120 125 135
  max – 177 LI	375/ – 445/	395/ – 475/	445/ – 605/	395/ – 525/	425/ – 495/	30 45 – – –	140 100 – – –	40 10 15 35	70 30 25 50	30 146 120 125 135	146 120 125 135	



- Mit Erratum dieser Schadenstabelle verlieren alle bisherigen ihre Gültigkeit.
- This damage chart supersedes all previous issues.
- Tous les tableaux de réparations antérieurs perdent leur validité.
- La pubblicazione della presente tabella rende tutti i precedenti versioni precedenti.
- Con la publicación de esta tabla da ahora pierden su validez todas las anteriores.
- მოცემული ინფორმაცია დაფიქსირდა ყოველ წინათ გამოქვეყნებულ ცხელაში.
- Technische Änderungen vorbehalten.
- Subject to technical alterations.
- Sans réserve de modifications techniques.
- Con riserva di modifiche tecniche.
- Резервуар технических модификаций.
- Внесена оговорка за собой право на внесение технических изменений.

- Stand IV 12
- As of IV 12
- Version IV 12
- Version du IV 12
- Agostamento IV 12
- По состоянию на IV 12

Das ist eine internationale große Reparaturstelle für die Herstellung von REMA- und TCR Reparatursystemen und -systemen. Die angegebenen Schadensgrößen werden basierend auf Erfahrungen der Praxis, Prüfstandsergebnisse und Tests in Erfahrungsgutachten und Schadensgutachten erstellt. Generelle Instandsetzungsmöglichkeiten des Reflens sind überprüfen

Die Angaben sind eine grobe, verdichtete Schätzung. Die angegebenen maximalen Abmessungen dürfen nach erfolgter, sachgerechter Bearbeitung des Schadens nicht überschritten werden! Eventuelle Abweichungen sind in der Tabelle mit dem Schadensformat sind in dieser Tabelle nicht berücksichtigt! Die Schadensbeile endend den Anwender nicht, so auch unter Beachtung dieser Vorschriften als auch abweichend von den Angaben der Hersteller und Einsatzbedingungen von der Beurteilung, ob die angegebenen Schadensgrößen anzupassen sind. Für die Beurteilung der Schadensgrößen sind die Angaben der Hersteller und Einsatzbedingungen zu berücksichtigen. Die Angaben sind nur für die angegebenen Schadensgrößen und die angegebenen Schadensgrößen basierend auf Erfahrungen der Praxis, Prüfstandsergebnisse und Tests in Erfahrungsgutachten und Schadensgutachten erstellt.

This is an internationally valid repair chart to the user of REMM. The repair manual and system, and the figures referring to injury sizes have been determined on the basis of practical experience, bench checks and tests carried out with REMM. The TIP TOP repair system is a general check to ensure that the tyre can be repaired.

Examine the complete tyre for further hidden damage. If the tyre is damaged in places not covered by the indicated repair to correctly prepared injuries. These maximum limits must not be exceeded. Regulations or recommendations regarding tyre repair that exist in individual countries have not been taken into consideration in this chart. When referring to this repair chart the user is obliged to assess whether the injury sizes indicated have to be adjusted, by taking into account the different tyre types, the vehicle load, the driving operating conditions. Follow the corresponding fitting and processing instructions when carrying out repairs.

Ce tableau de réparation concernant l'avalisation des produits et des services de réparation TYP TOP est conforme aux spécifications internationales. Les tailles de dommages indiquées ont été déterminées sur la base d'expériences pratiques, de contrôles et de vérifications effectués par les réparateurs TYP TOP et les systèmes de réparation NEMA TYP TOP. Examiner le pneu avant toute opération afin de décider toutes les réparations de la carcasse et voir si d'autres lésions sont présentes.

Les tailles maximum de dommages indiquées se réfèrent à des blessures qui n'ont débordées correctement au-delà des limites de réparation. Les tailles maximum de dommages indiquées dans le tableau de réparation. Ce tableau ne tient pas compte des recommandations et des réglementations relatives à la réparation des pneus en vigueur dans les différents pays. Le réparateur devra décider s'il convient de modifier les tailles de dommages précitées, en fonction des réglementations en vigueur dans les différents pays et des routes, l'utilisation des pneus et les sollicitations.

La presente tabella ripartisce i guasti (l'impegno di riparazione) in base alla tabella REIMA TOP, con validità su scala mondiale. Le entità dei danni indicati sono definite sotto forma di valori indicativi ricavati dall'esperienza pratica e da controlli e test effettuati su macchine in servizio. La presente tabella ripartisce REIMA TOP TOP.

Verificare sempre l'eventuale possibilità del riparare il guasto in loco. Se non è possibile, il cliente deve individuare, anche possibile, i guasti nascosti. A lavorazione del danno ultimata, le misure massime indicate non devono venire superate. La presente tabella non esclude la possibilità di riparazioni in loco, ma quantifica la riparazione dei pneumatici, valide in tutti i paesi. La tabella danni non esonera l'utente dalla valutazione circa la necessità o meno di adottare misure di sicurezza in caso di guasti. La presente norma che delle locali condizioni delle strade, del grado di sollecitazione e di impiego del materiale. La presente tabella non esclude la possibilità di istruzioni di montaggio e lavorazione.

Esta es una tabla de reparación de vigas internacionales para el uso de materiales de reparación REMA TYP TOP. Las dimensiones de los daños se fijan en valores empíricos basados en experiencias prácticas y en comprobaciones y controles efectuados en el laboratorio. Los datos de la tabla se refieren a sistemas de reparación REMA TYP TOP (verifique siempre el el estado general del neumático permite su uso).

¿Examinen todo el neumático a fin de detectar otros posibles daños ocultos? Finalizada la preparación de las roturas por un experto, las dimensiones del daño no deben ser mayores que las indicadas en la tabla. Si no es así, esta tabla no se consideran eventuales normas ni recomendaciones impuestas en los distintos países respecto a la reparación de neumáticos. La tabla de datos de esta tabla se refiere a la reparación de neumáticos de seguridad indicados deben adaptarse teniendo en cuenta tanto las normas y limitaciones como las condiciones de uso, las condiciones de carga y reventón. ¿Observen las condiciones especiales de uso?

Эта таблица поряджений предназначена для применения в контрольных группах ПСМА (Таблица 1) и действительна для всех стран. Приведены в таблице размеры поряджений данных в виде ориентированных величин, полученных при использовании стандартных процедур, а также ориентированных критериев согласия и результаты статистических испытаний и тестов. Всегда проверяйте ширину на величину, которую вы хотите использовать, и убедитесь, что вы используете правильные поряджения. Приведены в таблице дополнительные размеры поряджений, представляющие собой объединения соответствующей механической обработки не допускается. В этой таблице не указаны возможные подразделения и эквиваленты по ремонту автомобилей. Если вы используете эту таблицу, убедитесь, что вы не используете таблицу, которая не содержит информации о подразделении, так как это может привести к неправильной интерпретации.

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













Wall chart RAD 100



Art. Nr.	RAD	
512 1159	RAD 115 TL	1 75 x 90
512 1207	RAD 120 TL	2 80 x 125
512 1221	RAD 122 TL	7 75 x 175
512 1245	RAD 124 TL	7 75 x 220
512 1300	RAD 130 TL	4 148 x 203
512 1403	RAD 140 TL	3 100 x 195
512 1407	RAD 142 TL	4 130 x 260
512 1413	RAD 145 TL	4 130 x 230
512 1465	RAD 146 TL	1 100 x 440
512 1506	RAD 150 TL	1 500 x 580
512 1520	RAD 152 TL	2 540 x 580
512 1551	RAD 155 TL	5 260 x 330
512 1568	RAD 156 TL	7 270 x 720
512 1609	RAD 160 TL	7 270 x 860
512 1623	RAD 162 TL	7 325 x 1030
512 1654	RAD 165 TL	6 330 x 1060
512 1685	RAD 168 TL	7 350 x 760
512 1757	RAD 175 TL	8 450 x 530
512 1805	RAD 180 TL	2 155 x 195
512 1809	RAD 182 TL	1 190 x 240
512 1843	RAD 184 TL	2 210 x 240
512 1852	RAD 185 TL	2 230 x 730
512 1867	RAD 186 TL	2 250 x 345
512 1881	RAD 188 TL	2 310 x 450
512 1908	RAD 190 TL	2 310 x 550



																																							
Serie	Serie	Serie	Serie	Serie	A	R	C	O	A	R	S	O	RAD	Serie	Serie	Serie	Serie	A	R	C	O	A	R	S	O	RAD	Serie	Serie	Serie	Serie	A	R	C	O	A	R	S	O	RAD
100-80	85-80	75-70	65-60	55-45	-	-	12	12	12	-	-	-	115	7,50 R 15	10,5 R 20	16/70 R 20	35/65 R 15	10	10	12	12	15	15	-	-	120	7,50 R 15	10,5 R 20	16/70 R 20	35/65 R 15	10	10	12	12	15	15	-	-	120
6,5-12,4 9-11 180/-290/	265/-320/	260/-330/	275/-340/	-	20	20	20	20	30	40	10	120	12,0 R 24	16,5 R 24	22/85 R 25	30	150	10	60	15	15	30	10	140	12,0 R 24	16,5 R 24	22/85 R 25	30	150	10	60	15	15	30	10	140			
					20	20	20	20	30	40	10	120	11 R 16	17,5 R 24	22/85 R 25	30	150	10	60	15	15	30	10	140	11 R 16	17,5 R 24	22/85 R 25	30	150	10	60	15	15	30	10	140			
					10	10	10	10	10	20	70	10	70	18 R 22,5	335/80 R 18	405/70 R 18	20	120	10	90	25	25	50	20	140	18 R 22,5	335/80 R 18	405/70 R 18	20	120	10	90	25	25	50	20	140		
					10	10	10	10	10	20	70	10	70	18 R 22,5	335/80 R 18	405/70 R 18	20	120	10	90	25	25	50	20	140	18 R 22,5	335/80 R 18	405/70 R 18	20	120	10	90	25	25	50	20	140		
					10	10	10	10	10	20	70	10	70	18 R 22,5	335/80 R 18	405/70 R 18	20	120	10	90	25	25	50	20	140	18 R 22,5	335/80 R 18	405/70 R 18	20	120	10	90	25	25	50	20	140		
					10	10	10	10	10	20	70	10	70	18 R 22,5	335/80 R 18	405/70 R 18	20	120	10	90	25	25	50	20	140	18 R 22,5	335/80 R 18	405/70 R 18	20	120	10	90	25	25	50	20	140		
					10	10	10	10	10	20	70	10	70	18 R 22,5	335/80 R 18	405/70 R 18	20	120	10	90	25	25	50	20	140	18 R 22,5	335/80 R 18	405/70 R 18	20	120	10	90	25	25	50	20	140		
					10	10	10	10	10	20	70	10	70	18 R 22,5	335/80 R 18	405/70 R 18	20	120	10	90	25	25	50	20	140	18 R 22,5	335/80 R 18	405/70 R 18	20	120	10	90	25	25	50	20	140		
					10	10	10	10	10	20	70	10	70	18 R 22,5	335/80 R 18	405/70 R 18	20	120	10	90	25	25	50	20	140	18 R 22,5	335/80 R 18	405/70 R 18	20	120	10	90	25	25	50	20	140		
					10	10	10	10	10	20	70	10	70	18 R 22,5	335/80 R 18	405/70 R 18	20	120	10	90	25	25	50	20	140	18 R 22,5	335/80 R 18	405/70 R 18	20	120	10	90	25	25	50	20	140		
100	80	75	75	90	55	184	495/90 R 21	425/75 R 20	540/70 R 24	75/85 R 25	85/85 R 25	110	250	10	60	15	15	30	10	140	495/90 R 21	425/75 R 20	540/70 R 24	75/85 R 25	85/85 R 25	110	250	10	60	15	15	30	10	140					
13,6-18,4 12-15 300/-400/	335/-420/	375/-520/	420/-560/	600/-650/	-	-	10	10	10	-	-	-	115	17,0 R 24	23,5 R 25	30/85 R 25	40	80	30	30	60	25	140	17,0 R 24	23,5 R 25	30/85 R 25	40	80	30	30	60	25	140						
					15	25	15	15	15	10	120	12,0 R 24	17,5 R 24	22/85 R 25	30	150	10	60	15	15	30	10	140	12,0 R 24	17,5 R 24	22/85 R 25	30	150	10	60	15	15	30	10	140				
					15	60	15	15	15	30	124	14,0 R 24	20,5 R 24	22/85 R 25	30	150	10	60	15	15	30	10	140	14,0 R 24	20,5 R 24	22/85 R 25	30	150	10	60	15	15	30	10	140				
					40	60	30	30	50	20	180	15,0 R 24	23,5 R 25	30/85 R 25	40	250	60	60	60	120	35	150	15,0 R 24	23,5 R 25	30/85 R 25	40	250	60	60	60	120	35	150						
					60	40	30	30	50	20	180	20 R 24	23,5 R 25	30/85 R 25	40	250	60	60	60	120	35	150	20 R 24	23,5 R 25	30/85 R 25	40	250	60	60	60	120	35	150						
					60	100	60	60	70	40	182	13,0 R 25	23,5 R 25	30/85 R 25	40	250	60	60	60	120	35	150	13,0 R 25	23,5 R 25	30/85 R 25	40	250	60	60	60	120	35	150						
					85	70	60	60	70	40	182	14,0 R 25	23,5 R 25	30/85 R 25	40	250	60	60	60	120	35	150	14,0 R 25	23,5 R 25	30/85 R 25	40	250	60	60	60	120	35	150						
					75	70	60	60	70	40	182	16,0 R 24	23,5 R 25	30/85 R 25	40	250	60	60	60	120	35	150	16,0 R 24	23,5 R 25	30/85 R 25	40	250	60	60	60	120	35	150						
					75	70	60	60	70	40	182	18,0 R 25	23,5 R 25	30/85 R 25	40	250	60	60	60	120	35	150	18,0 R 25	23,5 R 25	30/85 R 25	40	250	60	60	60	120	35	150						
					100	75	60	60	70	40	182	21,0 R 25	23,5 R 25	30/85 R 25	40	250	60	60	60	120	35	150	21,0 R 25	23,5 R 25	30/85 R 25	40	250	60	60	60	120	35	150						
20,8-30,5 420/-500/	460/-540/	540/-830/	580/-900/	700/-1050/	100	75	60	60	70	40	184	33,25 R 29	40,5/75 R 39	50/85 R 31	100	400	130	130	240	65	160	33,25 R 29	40,5/75 R 39	50/85 R 31	100	400	130	130	240	65	160								
					120	80	85	85	120	60	186	18,0 R 33	26,5 R 39	33,5 R 33	100	400	130	130	240	65	160	18,0 R 33	26,5 R 39	33,5 R 33	100	400	130	130	240	65	160								
					120	80	85	85	120	60	186	21,0 R 33	26,5 R 39	33,5 R 33	100	400	130	130	240	65	160	21,0 R 33	26,5 R 39	33,5 R 33	100	400	130	130	240	65	160								
					120	80	85	85	120	60	186	24,0 R 35	26,5 R 39	33,5 R 33	100	400	130	130	240	65	160	24,0 R 35	26,5 R 39	33,5 R 33	100	400	130	130	240	65	160								
					120	80	85	85	120	60	186	27,0 R 35	26,5 R 39	33,5 R 33	100	400	130	130	240	65	160	27,0 R 35	26,5 R 39	33,5 R 33	100	400	130	130	240	65	160								
					120	80	85	85	120	60	186	30,0 R 35	26,5 R 39	33,5 R 33	100	400	130	130	240	65	160	30,0 R 35	26,5 R 39	33,5 R 33	100	400	130	130	240	65	160								
					120	80	85	85	120	60	186	33,25 R 35	26,5 R 39	33,5 R 33	100	400	130	130	240	65	160	33,25 R 35	26,5 R 39	33,5 R 33	100	400	130	130	240	65	160								
					120	80	85	85	120	60	186	36,5 R 35	26,5 R 39	33,5 R 33	100	400	130	130	240	65	160	36,5 R 35	26,5 R 39	33,5 R 33	100	400	130	130	240	65	160								
					120	80	85	85	120	60	186	39,75 R 35	26,5 R 39	33,5 R 33	100	400	130	130	240	65	160	39,75 R 35	26,5 R 39	33,5 R 33	100	400	130	130	240	65	160								
					120	80	85	85	120	60	186	43,0 R 35	26,5 R 39	33,5 R 33	100	400	130	130	240	65	160	43,0 R 35	26,5 R 39	33,5 R 33	100	400	130	130	240	65	160								
5,00-7,00	150/-230/	-	-	6	6	6	-	-	-	-	-	-	115	24,00 R 49	31,80 R 49	44,80 R 57	50/85 R 31	100	400	130	130	240	65	160	24,00 R 49	31,80 R 49	44,80 R 57	50/85 R 31	100	400	130	130	240	65	160				
		10	10	10	10	10	10	120	27,00 R 49	31,80 R 49	44,80 R 57	50/85 R 31	100	400	130	130	240	65	160	27,00 R 49	31,80 R 49	44,80 R 57	50/85 R 31	100	400	130	130	240	65	160									
		10	10	10	10	10	10	120	30,00 R 51	33,00 R 63	44,80 R 57	50/85 R 31	100	400	130	130	240	65	160	30,00 R 51	33,00 R 63	44,80 R 57	50/85 R 31	100	400	130	130	240	65	160									
		10	10	10	10	10	10	120	33,00 R 53	33,00 R 63	44,80 R 57	50/85 R 31	100	400	130	130	240	65	160	33,00 R 53	33,00 R 63	44,80 R 57	50/85 R 31	100	400	130	130	240	65	160									
		10	10	10	10	10	10	120	36,00 R 51	33,00 R 63	44,80 R 57	50/85 R 31	100	400	130	130	240	65	160	36,00 R 51	33,00 R 63	44,80 R 57	50/85 R 31	100	400	130	130	240	65	160									
		10	10	10	10	10	10	120	39,00 R 53	33,00 R 63	44,80 R 57	50/85 R 31	100	400	130	130	240	65	160	39,00 R 53	33,00 R 63	44,80 R 57	50/85 R 31	100	400	130	130	240	65	160									
		10	10	10	10	10	10	120	42,00 R 51	33,00 R 63	44,80 R 57	50/85 R 31	100	400	130	130	240	65	160	42,00 R 51	33,00 R 63	44,80 R 57	50/85 R 31	100	400	130	130	240	65	160									
		10	10	10	10	10	10	120	45,00 R 53	33,00 R 63	44,80 R 57	50/85 R 31	100	400	130	130	240	65	160	45,00 R 53	33,00 R 63	44,80 R 57	50/85 R 31	100	400	130	130	240	65	160									
		10	10	10	10	10	10	120	48,00 R 51	33,00 R 63	44,80 R 57	50/85 R 31	100	400	130	130	240	65	160	48,00 R 51	33,00 R 63	44,80 R 57	50/85 R 31	100	400	130	130	240	65	160									
		10	10	10	10	10	10	120	51,00 R 53	33,00 R 63	44,80 R 57	50/85 R 31	100	400	130	130	240	65	160	51,00 R 53	33,00 R 63	44,80 R 57	50/85 R 31	100	400	130	130	240	65	160									
7,5																																							



- Mit Erratischen dieser Schadenstabelle verlieren alle bisherigen ihre Gültigkeit.
 - This damage chart supersedes all previous issues.
 - Tous les tableaux de réparations antérieurs cessent de valoir.
 - La pubblicazione della presente tabella rende obsolete le versioni precedenti.
 - Con la publicación de esta tabla da ahora pierden su validez todas las anteriores.
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-
- Stand IV 12
 - As of IV 12
 - Version IV 12
 - Version al IV 12
 - Actualizada IV 12
 - По состоянию на IV 12

Set 2000 - N° 12 Printed in Germany

[illegible]

This is an important liability valid repair chart to the use of REMA TOP repair materials and systems. The figures referred to injury sizes have been determined on the basis of practical experience, bench checks and field tests with REMA TOP repair materials and systems. Always make a general check to ensure that the tyre can be repaired.

Examine the complete tyre for further hidden damage

For the repairable injuries indicated here, the user is called for to correctly prepared injuries. These maximum limits must not be exceeded. Regulations or recommendations regarding tyre repair that exist in individual countries but with REMA TOP repair material in this chart. When referring to this repair chart the user is obliged to assess whether the injury sizes indicated have to be adjusted, by taking into account the operating conditions. Follow the corresponding fitting and processing instructions when carrying out repairs.

Ce tableau récapitule comment l'utilisation des produits et systèmes de réparation REIMA TOP est conforme aux spécifications internationales. Les tailles de dommages indiquées ont été déterminées sur la base d'observations et de tests effectués sur des plaques d'endurance réalisées sur banc avec utilisation des systèmes de réparation REIMA TOP. Examiner le point avant toute opération afin de décider toutes les étapes de la conception et voir si d'autres joindre des réparations.

Les tailles maximum de dommages indiqués se réfèrent à des blessures qu'on ne débore pas concernant les dommages de surface. Les tailles maximum de dommages indiqués dans le tableau de réparation. Ce tableau ne tient pas compte des recommandations et des réglementations relatives à la réparation des dommages de surface. Les dommages de réparation devra décider s'il convient de modifier les tailles de dommages précises, en fonction des réglementations et des conditions locales (voir à l'annexe 1).

La presente tabella di ripartizione riguarda l'elenco di materiali e sistemi di riparazione RIMA TYP TOP ed è valida su scala mondiale. Le entità dei danni indicano solo definite sotto forma di valori indicativi riciclabili e non sono da intendersi come limiti. La presente tabella sul banco-ponto sotto l'applicazione dei sistemi del ripartizione RIMA TYP TOP.

Verificare sempre l'eventuale possibilità di riparare il pneumatico. L'unico criterio presumibile al fine di individuare anche possibili danni nascosti, a lavorazione del danno ultimo, le misure massime indicate non devono venire superate. La presente tabella non è valida per pneumatici di tipo "run flat".

Le riparazioni dei pneumatici, valide in tutti gli Stati Paesi. La tabella danni non esonera l'utente dalla valutazione circa la necessità o meno di adottare una riparazione. La presente tabella non è valida nei paesi presenti norme che delle locali condizioni delle strade del grado di sollecitazione e di impiego dei materiali.

Il processo di riparazione deve essere sempre eseguito secondo le norme tecniche di riferimento.

La tabla es una de las repaparación de vigencia internacional para la aplicación de materiales y sistemas de fijación REMA TIP TOP. Las dimensiones de los daños se fijan en valores empíricos basados en experiencias de la práctica. Los datos de la tabla se basan en los datos en bancos de pruebas utilizando exclusivamente los sistemas de reparación REMA TIP TOP (verifique siempre al estado general del neumático permite su uso).

[Examinen todo el neumático a fin de detectar otros posibles daños ocultos.] Finalizada la preparación de las roturas por un experto, las dimensiones del daño no deben ser mayores que las indicadas en la tabla. Si el daño en esta tabla no se consideran eventuales normas ni recomendaciones impuestas en los distintos países respecto a la reparación de neumáticos. La tabla de daños se refiere a los daños en la zona de la banda de rodadura de seguridad indicados deben adaptarse teniendo en cuenta tanto las normas y limitaciones como las condiciones locales de las carreteras, de carga y operación.

Эта таблица предназначена для предоставления рекомендаций по применению реальных материалов в системе REPA T100 по достаточности для всех стран. Приведены в таблице размеры повреждений, достигающие значения критерия приемлемости для системы REPA T100 и основанные на практических опыте и результатах статистических испытаний и тестов. Также приводятся ссылки на соответствующие стандарты. В таблице не оговаривается возможность повреждения системы в результате воздействия ударов. Особое внимание следует уделить различным размерам повреждений, представляющих собой предельные значения для различных систем. В таблице не оговаривается соответствующей механической обработки не допускается. В этой таблице не учтены возможные повреждения и эквивалентные по размеру повреждения, которые могут возникнуть в результате воздействия ударов. В таблице не оговаривается возможность повреждения не оговаривает пользователя от обязанности проверки собственной системы на соответствие критериям приемлемости, с учетом соответствующих рекомендаций.

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This is the repair chart valid at the moment of printing. Always refer to the repair chart and safety advice packed with the product!

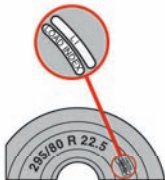
Wall chart RAD 500

Ref. No. Description

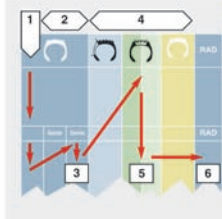
581 0820 Wall chart RAD 500, 48 x 67 cm

Language

Multilingual



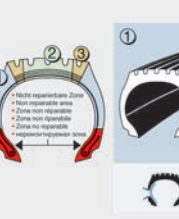
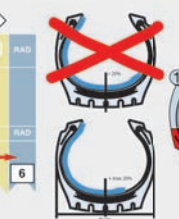
Art. Nr.	RAD No.	
512 1159	115	75 x 90
512 5314	531	165 x 88
512 5338	533	205 x 110
512 5362	535	245 x 110
512 5376	537	285 x 110
512 5390	539	325 x 115
512 5410	541	365 x 125
512 5431	543	445 x 135



	Serie 100-90	Serie 85-80	Serie 75-70	Serie 65-60	Serie 55-45	A	R	C Ø	A	R	S Ø	RAD
	6.00 - 7.50	9 R - 10 R 245/ - 265/	205/ - 235/	245/ - 265/	-	15	30	15	15	15	10	531
	min - 122 LI					10	75	20	20	30	12	533
						20	60	25	25	40	15	535
						30	60	12	12	15	-	115
						12	30	15	15	15	10	531
						10	75	20	20	30	15	533
	8.25 - 10.00	9 R - 10 R 225/ - 245/	245/ - 265/	275/ - 315/	-	20	90	30	30	50	20	535
						25	80	35	35	70	25	537
						10	140					
	12.5 R - 14.75 R	11 R - 13 R 12/ - 14/ 14.75/	245/ - 265/	275/ - 315/	-	25	120	35	35	70	25	537
	11.00 - 13.00		275/ - 375/	325/ - 385/	355/ - 385/	35	80					
						15	90	25	25	50	15	535
						25	70	35	35	70	25	537
						15	150					
						30	100	40	40	80	25	539
						40	85					
						10	20	12	12	12	8	115
						10	50	15	15	25	10	533
						10	90	20	20	30	15	535
						20	60	25	25	40	20	537
						12	110					
						25	70	30	30	50	25	539
						10	160					
						15	120	30	30	50	25	539
						30	80					
						20	130	40	40	60	25	541
						40	80					
						15	170	40	40	70	30	543
						45	100					



max - 177 LI



Das ist eine international gültige Reparaturkarte für die Anwendung von REMA TIP TOP Reparaturmaterialien und -systemen. Die angegebenen Schadensgrößen werden basierend auf Grundrissen der Profile, Prüfstandarten und -tests in Erfahrungskriterien unter Anwendung der REMA TIP TOP Reparaturverfahren festgelegt. Generelle Installationshinweise sind im Radial-Handbuch dargestellt.

Gesamter Reifen auf weitere, verdeckte Schäden untersuchen. Die angegebenen maximalen Ansaugungen dürfen nicht überschritten werden. Eventuelle Unregelmäßigkeiten oder Einwirkungen auf die Reifengröße sind in dieser Tabelle nicht berücksichtigt. Die Schadenstabelle enthält die Angaben nicht, so wie auch auf andere Schäden, Belastungs- und Einsatzbedingungen von der Beumteilung, ob die angegebenen Schadensgrößen anzuwenden sind. Für den Reparaturablauf die entsprechenden Einbau- und Verarbeitungsanweisungen beachten!

This is an internationally valid repair chart for the use of REMA TIP TOP repair materials and systems. The figures referring to injury sizes have been determined on the basis of practical experience, bench checks and tests carried out with REMA TIP TOP repair systems. Always make a general check to ensure that the tyre can be repaired.

Examine the complete tyre for further hidden damage. The maximum limits for the repairs are indicated in order to correctly prepared repairs. These maximum limits must not be exceeded. Repairs or recommendations regarding tyre repair that exist in individual countries have not been taken into consideration in this chart. When referring to this repair chart, the user is obliged to assess whether the injury sizes indicated have to be adjusted, by taking into account these regulations, together with local, load and operating conditions. Follow the corresponding fitting and processing instructions when carrying out repairs.

Ce tableau de réparation concerne l'utilisation des produits et systèmes de réparation REMA TIP TOP et conforme aux spécifications internationales. Les tailles de dommages indiquées ont été déterminées sur la base d'expériences pratiques, de contrôles et de tests effectués sur bancs avec utilisation des systèmes de réparation REMA TIP TOP. Examiner la pneu avant toute opération afin de détecter toutes les blessures de la carcasse et voir si son état justifie des réparations.

Les tailles maximum de dommages indiqués se réfèrent à des blessures qui ont été détectées correctement. Ne pas réparer les blessures qui dépassent les tailles maximum de dommages indiqués dans le tableau de réparation. Ce tableau ne tient pas compte des recommandations et des réglementations relatives à la réparation des pneus en vigueur dans les différents pays. Le réparateur devra décider s'il convient de modifier les tailles de dommages indiqués, en fonction des réglementations et des conditions locales (état à la fin de la route, l'utilisation des pneus et les conditions auxquelles les pneus sont soumis dans son pays). Pour la réparation, observer les instructions de montage et d'exploitation correspondantes!

La presente tabella riguarda l'impiego di materiali e sistemi di riparazione REMA TIP TOP ed ha validità su scala mondiale. Le entità dei danni indicate sono definite sotto forma di valori indicatori ricavati dall'esperienza pratica e da controlli e test effettuati sul banco prova sotto l'applicazione dei sistemi di riparazione REMA TIP TOP.

Verificare sempre l'eventuale possibilità del riparo pneumatico. Controllare l'intero pneumatico al fine di individuare anche possibili danni nascosti. A lavorazione del danno ultimata, le misure massime indicate non devono venir superate. La presente tabella non tiene conto di eventuali norme o raccomandazioni riguardanti la riparazione dei pneumatici, valide in singoli Paesi. La tabella deve non essere l'utilizzatore della valutazione circa la necessità o meno di adeguare i valori di sicurezza indicati, sia nel rispetto delle presenti norme che delle locali condizioni della strada, del grado di sollecitazione e di impiego del materiale. Nel processo di riparazione tener conto delle relative istruzioni di montaggio e lavorazione.

Esta es una tabla de reparación de vigencia internacional para la aplicación de materiales y sistemas de reparación REMA TIP TOP. Las dimensiones de los daños se han en valores empíricos basados en experiencias prácticas y en comprobaciones y controles efectuados en bancos de pruebas utilizando exclusivamente los sistemas de reparación REMA TIP TOP (verificar siempre el estado general del neumático antes de repararlo).

Examinar todo el neumático a fin de detectar otros posibles daños ocultos. Finalizada la preparación de los daños por un experto, las dimensiones de los daños no deben exceder las medidas máximas indicadas en la tabla. En esta tabla no se consideran eventuales normas ni recomendaciones impuestas en los distintos países respecto a la reparación de neumáticos. La tabla de daños no tiene en cuenta la necesidad de juzgar si los valores presentados de seguridad indicados deben adaptarse teniendo en cuenta tanto las normas y limitaciones como las condiciones locales de las carreteras, de carga y operación. Observar las correspondientes instrucciones de trabajo y explotación.

Эта таблица повреждений предназначена для применения ремонтных материалов и систем REMA TIP TOP и действительна для всех стран. Приведенные в таблице размеры повреждений даны в виде ориентировочных величин, полученных при испытании реальных систем REMA TIP TOP в условиях практической работы. Всегда проверяйте состояние всей шины перед началом ремонта.

Объемы репараций не должны превышать указанных. Приведенные в таблице максимальные размеры повреждений представляют собой предельные размеры, которые не должны превышать при осуществлении репараций. Данная таблица не учитывает возможные нормы и рекомендации по ремонту автомобильных шин, принятые в различных странах. Таблица повреждений не основывается исключительно на рекомендациях и нормах, действующих в различных странах, а также на местных условиях эксплуатации. Пользователь должен самостоятельно оценивать необходимость и возможность применения указанных размеров повреждений, учитывая местные условия эксплуатации, состояние дорог, нагрузки и условия эксплуатации. Соблюдать соответствующие инструкции по монтажу и эксплуатации.

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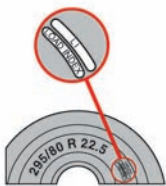
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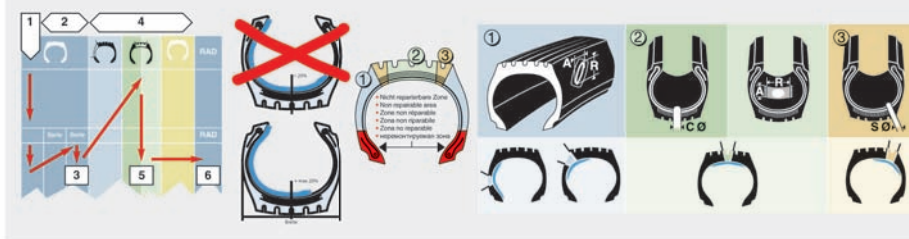
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Wall chart RAD 500



Art. Nr.	RAD No.	
512 1159	115	75 x 90
512 5314	531	165 x 88
512 5338	533	205 x 110
512 5352	535	245 x 110
512 5376	537	285 x 110
512 5390	539	325 x 115
512 5410	541	365 x 125
512 5431	543	445 x 135
512 5810	581	208 x 168
512 5830	583	258 x 203
512 5850	585	363 x 233
512 5870	587	458 x 288
512 5890	589	603 x 343



- Mit Erscheinen dieser Schadenstabelle verlieren alle bisherigen ihre Gültigkeit.
- This damage chart supersedes all previous issues.
- Tous les tableaux de réparations antérieures à celui-ci deviennent caducs.
- La pubblicazione della presente tabella rende nulle tutte le versioni precedenti.
- Con la publicación de esta tabla da daños pierden su validez todas las anteriores.
- С момента публикации данной таблицы все остальные утрачивают свою силу.

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- Stand IV.12
- As of IV.12
- Version IV.12
- Version al IV.12
- Aggiornamento IV.12
- no documento su IV.12

[illegible]

This is an intentionally valid repair chart for the use of REMA TOP repair materials and systems. The figures referring to injury sizes have been determined on the basis of practical experience, bench checks and tests carried out with REMA TOP repair systems. Always make a general check to ensure that the surface be repaired.

The repair chart is valid for further hidden damage. The maximum limits for the repairable injuries indicated refer to correctly prepared injuries. These maximum limits must not be exceeded. Regulations and recommendations regarding injury repair that exist in individual countries have not been taken into consideration in the chart. When referring to this repair chart, the user is obliged to assess whether the injury sizes indicated have to be adjusted, by taking into account the specific situation, legal requirements and the operating conditions. Follow the corresponding filling and processing instructions when carrying out repairs.

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Ce tableau de répartition concerne l'utilisation des pneus et des équipements de réparation RIMA Top TAP des véhicules spécifiques internationaux. Les tailles de dommages indiquées ont été déterminées sur base d'observations pratiques, de contrôles et d'essais d'endurance réalisés sur banc avec utilisation des éprouvettes de réparation RIMA Top TAP. Examinez le tableau attentivement afin de vous assurer que les blessures de la carcasse et/ou de la séide sont justifiées des réparations.

Les tailles maximum de dommages indiquées se réfèrent à des blessures qu'on doit débiter correctement, sans que l'on ne décide d'y recourir et modifier les tailles de dommages indiquées dans le tableau de réparation. Ce tableau ne tient pas compte des recommandations et des réglementations relatives à la réparation des pneus en vigueur dans les différents pays. Le tableau devra décider et/ou compléter de modifier les tailles de dommages précitées, en fonction des réglementations et des conditions locales (c'est à dire l'état des routes, l'utilisation des pneus et les sollicitations auxquelles les pneus sont soumis dans son pays). Pour plus d'information, observez les instructions de montage d'application correspondantes!

La presente tabella ripartisce i gruppi d'impiego di natura diversa di cui è composta l'ICAM-TOT, sulla base della validità su scala mondiale. Le entità dei dati indicativi sono definite sotto forma di valori nominali ricavati dall'esperienza pratica e da controlli e test effettuati in laboratorio, con l'applicazione dei sistemi della ripartizione REMA-TOT TOR.

Verificare sempre l'eventuale possibilità di ripartire al meglio i gruppi d'impiego, in base alle caratteristiche individuali anche possibili dati nascosti. A lavorazione dei dati ultimata, le misure massime indicate non devono venire superate. La presente tabella non esclude la possibilità di effettuare ulteriori valutazioni riguardanti la ripartizione dei pneumatici, valide in singoli Paesi. La tabella dati non esonera l'utilizzatore dalla valutazione circa la necessità o meno di adottare particolari precauzioni individuali, in base alle condizioni presenti nonché che delle locali condizioni delle strade, del grado di sollecitazione e di impiego dei materiali, delle condizioni ambientali, delle caratteristiche costruttive di montaggio e lavorazione.

Esta es una unidad de reparación de yunta hidráulica nacional para la aplicación de materiales y sistemas de reparación **REPAIR TYP TOP**. Las dimensiones de los daños se fijan en valores empíricos basados en experiencias prácticas de reparaciones y controladas por ensayos en bancos de pruebas utilizando exclusivamente los sistemas de reparación **REPAIR TYP TOP** (verifique siempre el estado del rubro de neumático para el tipo de reparación).

Examinen todos los neumáticos a fin de detectar otros posibles daños. Prestar especial atención a las siguientes características por un experto, las dimensiones del daño no deben exceder las medidas máximas indicadas en la tabla. En caso de que se detecten daños adicionales, como por ejemplo, mordeduras impuestas en los dispositivos para el eje, respecto a la reparación de neumáticos. La tabla de daños no excluye el uso de jugas si los valores orientativos de la tabla se cumplen. Los neumáticos con un agujero que cuenta hasta la jomaga y limitaciones como las condiciones locales de las carreteras, de carga y operación, así como las condiciones de manejo, de mantenimiento de trabajo y aplicación!

Эта таблица предназначена для предоставления информации о размерах порочений ТОВ и действительны для всех стран. Приведенные размеры порочений даны в виде примерных величин, полученных при использовании ремонтной системы РММ ТОВ и основаны на приблизительном опыте и результатах стандартных испытаний. Всегда следует учитывать влияние на величину и характер порочения ремонта! Обеспечьте доступ к возможностям сервисной поддержки порочений. Приведенные в таблице максимальные размеры порочений представляют собой предельные значения, которые не должны превышать фактически соответствующей величины! Обработка не допускается. В этой таблице не указаны возможные порочения и замечания по ремонту автобусов, мотоциклов, претей и отдельных стран. Таблица порочений основана на информации, предоставленной производителем. В ходе ремонта сервисная поддержка предоставляет дополнительную информацию относительно порочений реальных размеров, с учетом как вышесказанного, предельных, так и местных данных о условиях характера нагрузки и условий эксплуатации. В ходе ремонта сервисная поддержка предоставляет инструкции по обработке и про-

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This is the repair chart valid at the moment of printing. Always refer to the repair chart and safety advice packed with the product!

CROSS-PLY repair patches, Wall chart


Ref. No.	Description
----------	-------------


581 0080 Wall chart PN, 48 x 67 cm

Language

Multilingual




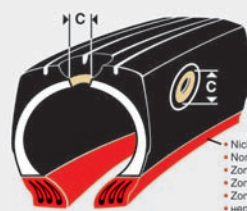
		PR	10-14	16-20	22-26	28-32	34-38	40-44	46-50	52-58	60-
2 max. mm	max. inch										
15	1/2"	PN-Nr.	050	050	050	050	050+	050+	050+	050+	050+
25	1"	PN-Nr.	050	050	050	050+	050+	050+	050+	052	052
50	2"	PN-Nr.	050	050	050	050+	052	052	052+	054	054
75	3"	PN-Nr.	050	050+	052	052	052	052+	054	054+	056
100	4"	PN-Nr.	052	052	052	052+	054	054+	056/052+	056/052+	056/052+
125	5"	PN-Nr.	052	052+	052+	054	054+	056+	056/052+	056+/054	056+/054+
150	6"	PN-Nr.	052	054	054	054+	054+	056/052	056+/054	056+/054	058/056
175	7"	PN-Nr.	052	054	054	054+	056+	056+/052	058/054	058+/054	058+/056
200	8"	PN-Nr.	-	054	056	056+	058+	056+/052	058/056	058+/056	060/056+

		PR	10-14	16-20	22-26	28-32	34-38	40-44	46-50	52-58	60-
C											
2 max. mm	max. inch	PLY RATING НІЗЬКА СЛОЙНОСТІ									
225	9"	PN-Nr.	–	–	056	056+	058+	058/054	058+/056	060/056	060/056+
250	10"	PN-Nr.	–	–	056	056+	058/052	058/054	060/056	060/056+	060/056+

Art. Nr.	PN No.			
512 2000	050	240	4	12
512 2017	050+	240	6	10
512 2024	052	360	6	12
512 2031	052+	360	8	10
512 2048	054	480	8	5
512 2055	054+	480	10	5
512 2062	056	660	10	5
512 2079	056+	660	12	5
512 2093	058	810	12	3
512 2103	058+	810	14	3
512 2110	060	930	14	1

Art. Nr.	PN No.			
512 2502	056 S	660	10	5
512 2419	056 S+	660	12	5
512 2433	058 S	810	12	3
512 2440	058 S+	810	14	3

 C		PR									
max. mm	max. inch	PLY RATING лиминальное									
50	2"	PN-Nr.	050	050	050	050+	052	052	052+	052+	052+
100	4"	PN-Nr.	050	050	052	052	052+	052+	054	054+	054+
150	6"	PN-Nr.	052	052	054	054	054	054	054+	054+	056+
200	8"	PN-Nr.	–	054	054	054	054	056+	056	056+	058+
250	10"	PN-Nr.	–	–	054	056	056	056+	056+	058	058+



- Nicht reparierbare Zone
- Non repairable area
- Zone non réparable
- Zona non riparabile
- Zona no reparabile
- неремонтируемая зона



PN 050 – 060



PN 056 S – 058 S
S = • Seitenwand
• Sidewall
• Flanc
• Fianco
• Flanco
• боковина

- Mit Erreichen dieser Schadenstabelle verlieren alle Erben ihren Gültigkeit.
- This damage chart supersedes all previous issues.
- Tous les tableaux de réparations antérieurs à celui-ci deviennent caducs.
- La pubblicazione della presente tabella rende nulla tutte le versioni precedenti.
- Con la publicación de esta tabla da ahora pierden su validez todas las anteriores.
- С момента публикации данной таблицы все остальные утративают свою силу.

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- Stand VII.10.
- As of VII.10.
- Version VII.10.
- Versión al VII.10.
- Actualizado al VII.10.
- По состоянию на VII.10.

[illegible]

This is an internationally valid repair chart for the use of REMA TOP repair materials and systems. The figures referring to tire sizes have been determined on the basis of practical experience, bench checks and tests carried out with REMA TOP repair systems. Always make a general check to ensure that the tire can be repaired.

For the use of the repair kit for further hidden damage, the maximum limits for the repairable injuries indicated refer to correctly prepared injuries. These maximum limits must not be exceeded. Regulations or recommendations regarding tire repair that exist in individual countries have not been taken into consideration. The user is responsible for the correct application of the repair kit. The user is obliged to assess whether the injury sizes indicated have to be adjusted, by taking into account these regulations, together with local road, load, and operating conditions. Follow the corresponding fitting instructions.

Ce tableau de réparation concernant l'attribution des produits et les limites de réparation REMA TYP TOP est conforme aux spécifications internationales. Les tailles de dommages indiquées ont été déterminées sur la base d'expériences pratiques, de corréliées et d'essais d'endurance réalisés sur banc avec utilisation des systèmes de réparation REMA TYP TOP. Examiner les mesures de la carcasse et voir si sont-elles justifiées des réparations.

Les tailles maximum de dommages indiquées se réfèrent à des blessures qui ont été dérivées commercialement par les essais de réparation. Les dommages indiqués sont des dommages indiqués dans le tableau de réparation. Ce tableau ne tient pas compte des recommandations et des réglementations relatives à la réparation des pneus en vigueur dans les différents pays. Le réparateur devra décider s'il convient de modifier les tailles de dommages indiqués en fonction des réglementations et des conditions locales (et s'il a été retiré des routes. Utilisation des pneus et les notifications auxquelles les pneus sont soumis dans son pays). Pour la réparation, observer les instructions de montage.

La presente tabella riassume i risultati l'impiego massivo e sistematico di righe REMA TIP TOP all'estero su scala mondiale. Le entità dei danni indotti sono definite sotto forma di valori indicativi della esperienza pratica e da controlli e test effettuati su modelli di simulazione della riga REMA TIP TOP. Verificare sempre l'eventuale possibilità del riparo pneumatico. Controllare l'ordine pneumatico al riparo prima di essere in grado di valutare l'entità del danno ultimata, le misure massime indotte non devono venire superate. La presente tabella tiene conto di eventuali norme o raccomandazioni internazionali, come quelle della Commissione Europea, del Pwsl. La tabella danni non esonera l'utilizzatore dalla valutazione critica la necessità o meno di questi valori di sicurezza indicati, sia nel rispetto dei principi di buona prassi, sia in relazione al grado di sofisticazione e di impegno del materiale. Il presente processo di righe REMA TIP TOP è stato sviluppato da

Esta es una tabla de reparación de vigas metálicas para la aplicación de materiales y sistemas de reparación REMA TAP. Las dimensiones de los daños a reparar se expresan en milímetros. Las instrucciones prácticas y los comprobamientos y controles efectuados en bancos de pruebas utilizando exclusivamente la técnica de reparación REMA TAP (verificar siempre el estado general del neumático permitiendo la reparación).

1. Localizar y neutralizar a un detector otros posibles daños ocultos/ Fijar la preparación de las barras por un experto, las dimensiones del daño no deben ser mayores que las indicadas en la tabla. Si la tabla no se consideran eventuales normas ni recomendaciones impuestas en los distintos países donde se aplica la técnica de reparación REMA TAP, no se excluye el uso de la técnica de reparación REMA TAP en el caso de que no exime al usuario de juzgar si los valores orientativos de seguridad indicados deben adaptarse teniendo en cuenta las condiciones de uso y las condiciones de explotación locales de los camiones, de carga y velocidad. Observar las correspondientes instrucciones de trabajo y aplicación.

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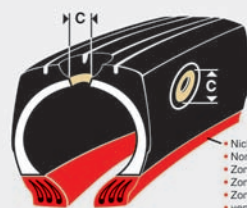
CROSS-PLY repair patches, Wall chart – continued



											
 C		PR		-4	6-8	10-12	14-16	18-20	22-24	 50%	
max. mm	max. inch	PLY RATING индекс сложности									
10	3/8"	PN-Nr.	02	02	03	03	04	04	02	03	03
15	1/2"	PN-Nr.	03	03	04	04	05	05	02	03	04
25	1"	PN-Nr.	03	04	05	06	06	06	03	04	05
35	1 3/8"	PN-Nr.	04	04	05	06	07	07	03	04	05
50	2"	PN-Nr.	05	05	06	07	08	08	05	05	06
75	3"	PN-Nr.	-	-	07	07	09	09	06	06	07
100	4"	PN-Nr.	-	-	08	08	09	010	07	07	08
125	5"	PN-Nr.	-	-	-	010	010	-	-	08	08
 C		PR		-6	8-10	12-14	16-18				
max. mm	max. inch	PLY RATING индекс сложности									
25	1"	PN-Nr.	020	020	020	020					
50	2"	PN-Nr.	020	020	021	023					
75	3"	PN-Nr.	020	023	023	024					
125	5"	PN-Nr.	021	024	024	025					
175	7"	PN-Nr.	022	025	025	-					

Art. Nr.	PN No.						
512 60020	02	80	2	20	 C	PR	
512 60037	03	100	2	10			
512 60044	04	120	2	10			
512 60051	05	160	4	10			
512 60068	06	235	6	10			
512 60075	07	295	10	10			
512 60082	08	345	6	5			
512 60099	09	390	8	5			
512 61010	010	450	8	3			
512 62002	020	255	4	10			<div><div>max. mm</div><div>max. inch</div></div> PLY RATING НИЗКОЕ СЛОЙНОСТЬ
512 62019	021	370	4	5	25 1"	PN-Nr.	
512 62026	022	410	4	3			
512 62033	023	265	4	10	50 2"	PN-Nr.	
512 62040	024	370	6	5			
512 62057	025	510	6	3	75 3"	PN-Nr.	
512 64008	040	160	4	5			
512 64115	041	235	6	5	UP-3	PN-Nr.	
512 64222	042	265	8	5			
512 67007	UP-3	0 35	-	100	UP-4	PN-Nr.	
512 67021	UP-4	60	-	50			
512 67435	UP-6	67	-	30			
512 6769	UP-5	0 45	-	92			

 C		PR	-8	10-12	14-16	18-20	22-24	UP Universal Patch	C max. mm	 CØ	 CØ	 CØ
max. mm	max. inch	PLY RATING КЛАСС СЛОЕВЫХ						- T	3 4.5	UP 3 UP 4.5	UP 3 UP 4.5	UP 3 UP 4.5
25	1"	PN-Nr.	040	041	041	042	042	 H - V	6 3 4.5	- UP 3 UP 4.5	UP 6 UP 3 UP 4.5	UP 6 - -
50	2"	PN-Nr.	040	041	042	042	-	W - ZR	6 3 4.5	- - -	UP 6 UP 3 UP 4.5	- UP 3 UP 4.5
75	3"	PN-Nr.	-	042	042	-	-	 	6 8 -	- - -	UP 6 UP 8 -	UP 6 UP 6 -



- Nicht reparierbare Zone
- Non repairable area
- Zone non réparable
- Zona non riparabile
- Zona no reparable
- неремонтируемая зона



PN 03



- Mit Erscheinen dieser Schadenbulletins verlieren alle Ansprüche an Gültigkeit.
 - This damage chart supersedes all previous issues.
 - Tous les tableaux de réparations antérieures à celui-ci deviennent caducs.
 - La pubblicazione della presente tabella rende nulle tutte le versioni precedenti.
 - Con la publicación de esta tabla da ahora pierden su validez todas las anteriores.
 - С момента публикации данной таблицы все остальные отменяются.
 - Technische Änderungen vorbehalten.
 - Subject to technical alterations.
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 Actualización al VII.10
 До верзије VII.10
 До верзије VII.10

01 0000 - Vol. 10 Printed in Germany

Das ist die erste, erforderliche Grundlage für die Anwendung von REMA TYP TOP Reparaturverfahren und -systemen. Die angegebenen Schadensgrößen werden basierend auf Erkenntnissen der Praxis, Prüf- und Versuchsergebnisse sowie auf langjähriger Erfahrung und dem REMA TYP TOP Konzept festgelegt. Generelle Installationsmöglichkeiten des Reflensa sind übergränzt!

Gesamte Länge der zu reparierenden, beschädigten Flächen und Oberflächen: Die angegebenen maximalen Abmessungen dürfen nach erfolgreicher, sachgerechter Bearbeitung des Schadens nicht überschritten werden! Eventuelle Längs- und Querschnitte sind in der Schadensbeschreibung festzulegen! In dieser Tabelle sind nicht berücksichtigt die Schadensbereiche entlang des Anwenders nicht, sowohl unter Beachtung dieser Vorschriften als auch abweichend davon, wenn es sich um Reparaturarbeiten unter Einsatzbedingungen von der Beurteilung, ob die angegebenen Schadensgrößen anzuwenden sind. Für den Reparaturablauf die entsprechenden Einbau- und

This is an internationally valid repair chart for the use of REMA TOP repair materials and systems. The figures referring to injury sizes have been determined on the basis of practical experience, bench tests and tests carried out with REMA TOP repair systems. Always make a general check to ensure that the tyre can be repaired.

Examine the complete tyre for further hidden damage. The maximum limits for the repairable injuries indicated refer to correctly prepared injuries. These maximum limits must not be exceeded. Regulations and recommendations regarding tyre repair that exist in individual countries have not been taken into consideration in this chart. When referring to this repair chart, the user is obliged to assess whether the injury sizes indicated have to be adjusted, by taking into account these regulations, together with local road, load, and operating conditions. Follow the corresponding fitting and processing instructions when carrying out repairs.

Ce tableau de réparation concernant l'utilisation des pneus et des câbles de réparation RIMA TYP TCF est conforme aux spécifications internationales. Les tailles de dommages indiquées ont été déterminées sur base d'expériences pratiques, de contrôles et d'essais d'endurance réalisés sur banc avec utilisation des systèmes de réparation RIMA TYP TCF. Examiner le tableau de réparation afin d'évaluer les dommages, les blessures de la carcasse et voir si on doit justifier des réparations. Les tailles maximum de dommages indiquées se réfèrent à des blessures qui on été détectées correctement. Ne pas réparer les blessures qui dépassent les tailles indiquées. Les dommages qui sont au-dessus du tableau de réparation. Ce tableau ne tient pas compte des recommandations et des réglementations relatives à la réparation des pneus en vigueur dans les différents pays. Le réparateur deve décider s'il convient de modifier les tailles indiquées afin d'obtenir des résultats satisfaisants et des conditions locales (c'est à dire l'état des routes, l'utilisation des pneus et les sollicitations auxquelles les pneus sont soumis dans son pays). Pour la réparation, observer les instructions de montage.

La presente tabella di riparazione riguarda l'impiego di apparecchiature di riparazione REMA TYP TOP ed ha validità su scala mondiale. Le entità dei danni indicati sono definite sotto forma di valori indicativi ricavati dall'esperienza pratica e da controlli e test effettuati su apparecchiature di riparazione dei sistemi di riparazione REMA TYP TOP.

Verificare sempre l'esattezza possibile del riparo in funzione delle condizioni di lavoro. In caso di difficoltà individuare e risolvere i guasti, rivolgersi al servizio di assistenza del danno ultimo, le misure massime indicate non devono venir superate. La presente tabella non esclude la possibilità di riparazioni straordinarie, valutando la riparazione dei pneumatici, valide in singoli Paesi. La tabella danni non esonera l'installatore dalla valutazione circa la necessità o meno di adottare particolari precauzioni, in base alle condizioni e alle presenti norme che delle locali condizioni delle strade, del grado di sollecitazione e di impatto del materiale.

Nel processo di riparazione tener conto delle relative

Esta es la guía de reparación de vehículos que es esencial para la aplicación de materiales y sistemas de reparación REMA TIP TOP. Las dimensiones de los daños y las fijas y puntos de fijación basados en experiencias prácticas de los expertos de REMA TIP TOP se basan en el banco de pruebas utilizando exclusivamente los sistemas de reparación REMA TIP TOP. (Verifique siempre el estado general del neumático antes de su reparación).

Examinen todo el neumático a fin de detectar otros daños. Lea el manual de usuario. Finalizada la preparación de las roscas, asegure el neumático en el banco de pruebas y exceder las medidas máximas indicadas en la tabla. En esta tabla no se consideran eventuales normas ni recomendaciones de los fabricantes de los neumáticos con respecto a la reparación de un neumático. La tabla de datos no tiene el uso de juzgar si los valores orientativos de seguridad indicados dentro del adhesivo teniendo en cuenta las condiciones de uso de los neumáticos en las condiciones locales de las carreteras, de carga y operación. Observe las correspondientes instrucciones de

Эта таблица подразделенная предназначена для применения при анализе результатов испытаний РЭМА ТПГО и действительная для всех стран. Приведенные размеры повреждений действительны в виде ориентировочных величин, получаемых при использовании метода измерения повреждений, описанного в стандарте на практическом опыте и результатах стандартных испытаний и т.д. Всегда проверяйте сумму на возможность и целесообразность ремонта!

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MINOR DAMAGE TYRE REPAIR CHART, Wall chart



MINOR DAMAGE TYRE REPAIR CHART

VALID IN ACCORDANCE WITH BS AU 159f

Car and Light Van			Commercial Vehicles			Motorcycle and Scooter		
Cross Ply and Radial Ply	Area 'T'	Area 'W'	Cross Ply and Radial Ply	Area 'T'	Area 'W'	Cross Ply and Radial Ply	Area 'T'	Area 'W'
All sizes and Speed Ratings	6mm Max	Not Allowed	All sizes and Speed Ratings	10mm Max	Not Allowed	All sizes up to and including a speed rating of 63mph (i.e. J Rated)	6mm Max (Two Only)	Not Allowed
NOTE: There shall be no limit to the number of MINOR REPAIRS in Area 'T' providing that the repair patches do not overlap.			NOTE: There shall be no limit to the number of MINOR REPAIRS in Area 'T' providing that the repair patches do not overlap.			Up to and including 'V'	3mm Max (One Only)	Not Allowed
Area 'T' is defined as a percentage of the nominal section width.			Area 'T' is defined as a percentage of the nominal section width.			Area 'T' is defined as 50% of the nominal section width.		
NOMINAL SECTION WIDTH	Area 'T'		NOMINAL SECTION WIDTH	Area 'T'				
Up to and including 155mm	60%		Up to and including 225mm	60%				
Above 155mm to 200mm	65%		Above 225mm to 305mm	65%				
Above 200mm	70%		Above 305mm	70%				

NOTES 1. The measurement of Area 'T' is to be divided equally either side of the tyre centre line.
2. Injuries in excess or outside of those above should be submitted to an approved major repairer.

CALCULATED VALUES FOR AREA 'T'			
Nominal Section Width	Area 'T' as a percentage of nominal section width		
	60%	65%	70%
125	75	PR-	PR-
135	81		
145	87		
155	93	101	
165	99	107	
175	105	114	
185	111	120	
195	117	127	
205	123	133	144
215	129	140	151
225	135	146	158
235		153	165
245		159	172
255		166	179
265		172	186
275		179	193
285		185	200
295		192	207
305		198	214
315			221
325			228
335			235
345			242
355			249
365			256
375			263
385			270
395			277
405			284
415			291
425			298
435			305
445			312



NOTE: USE THIS CHART IN CONJUNCTION WITH TIP TOP MINICOMBI REPAIR UNITS

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SPEED SYMBOL TABLE			
Speed Symbol	Speed		Load capacity reduction (V, W and Y tyres)
	K.m/h (mph)	Speed km/h (mph)	Load Capacity
A1	≤5 (3)		
A2	≤10 (6)		
A3	≤15 (9)		
A4	≤20 (12)		
A5	≤25 (16)		
A6	≤30 (19)		
A7	≤35 (22)		
A8	≤40 (25)		
B	≤50 (31)		
C	≤60 (37)		
D	≤65 (40)		
E	≤70 (44)		
F	≤80 (50)		
G	≤90 (56)		
J	≤100 (62)		
K	≤110 (69)		
L	≤120 (75)		
M	≤130 (81)		
N	≤140 (87)		
P	≤150 (93)		
Q	≤160 (100)		
R	≤170 (106)		
S	≤180 (113)		
T	≤190 (118)		
U	≤200 (125)		
H	≤210 (130)		
V	≤240 (150)	210 (130)	100% of l load
		220 (137)	97% of l load
		230 (143)	94% of l load
		240 (150)	91% of l load
W	≤270 (168)	240 (150)	100% of l load
		250 (156)	95% of l load
		260 (162)	90% of l load
		270 (168)	85% of l load
Y	≤300 (187)	270 (168)	100% of l load
		280 (174)	95% of l load
		290 (180)	90% of l load
		300 (187)	85% of l load

NOTE 1. Tyres with 'H' within the size marking and no other speed symbol are designed for speeds in excess of 210km/h (130mph).
NOTE 2. Tyres with 'U' within the size marking are designed for speeds in excess of 200km/h (125mph).



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EQUAL - Application chart

The Original Balancing Compound / APPLICATION CHART

EQUAL®

Light Truck
16", 16.5", 17", 18"
marked „C" or „LT"

Truck incl. sizes for Multi-Purpose-Vehicles



Tyre Size	Single	Dual
6.50 R 16	F	F
7.50 R 16	F	F
9.00 R 16	E	E
11.00 R 16	C	C
205/55 R 16	F	F
195/60 R 16	F	F
205/60 R 16	F	F
225/60 R 16	F	F
195/65 R 16	F	F
205/65 R 16	F	F
215/65 R 16	F	F
225/65 R 16	F	F
235/65 R 16	E	E
305/70 R 16	D	D
175/75 R 16	F	F
185/75 R 16	F	F
195/75 R 16	F	F
205/75 R 16	F	F
215/75 R 16	F	F
225/75 R 16	F	F
235/75 R 16	E	E
245/75 R 16	E	E
265/75 R 16	E	E
285/75 R 16	D	D
295/75 R 16	D	D
315/75 R 16	C	C
215/85 R 16	F	F
225/85 R 16	E	E
235/85 R 16	E	E
245/85 R 16	E	E
255/85 R 16	D	D
265/85 R 16	D	D
305/85 R 16	C	C
255/55 R 17	F	F
215/60 R 17	F	F
245/70 R 17	E	E
265/70 R 17	E	E
275/70 R 17	E	E
285/70 R 17	D	D
315/70 R 17	D	D
245/75 R 17	E	E
235/80 R 17	E	E
275/65 R 18	D	D
245/70 R 18	D	D

Tyre Size	Single	Dual
255/85 R 16	E	E
315/55 R 16	C	C
315/75 R 16	C	C
8 R 17.5	E	E
8.5 R 17.5	E	E
9 R 17.5	D	D
9.5 R 17.5	D	D
10 R 17.5	C	C
195/60 R 17.5	F	F
205/60 R 17.5	F	F
225/60 R 17.5	E	E
205/65 R 17.5	F	F
195/70 R 17.5	F	F
215/70 R 17.5	E	E
235/70 R 17.5	E	E
245/70 R 17.5	E	E
265/70 R 17.5	D	D
315/70 R 17.5	C	C
205/75 R 17.5	E	E
215/75 R 17.5	E	E
225/75 R 17.5	E	E
235/75 R 17.5	D	D
245/75 R 17.5	D	D
205/80 R 17.5	E	E
225/80 R 17.5	E	E
315/80 R 17.5	B	B
225/90 R 17.5	D	D
8 R 19.5	D	C
9 R 19.5	D	C
9.5 R 19.5	C	C
385/55 R 19.5	A	
255/60 R 19.5	D	
385/65 R 19.5	A	
225/70 R 19.5	D	C
245/70 R 19.5	D	C
265/70 R 19.5	D	C
275/70 R 19.5	C	B
285/70 R 19.5	C	B
295/70 R 19.5	C	B
305/70 R 19.5	B	A
315/70 R 19.5	B	A
10.5 R 20	B	A
12.5 R 20	A	A
14.5 R 20	A+E	
405/70 R 20	A+E	
375/75 R 20	A+E	

Tyre Size	Single	Dual
425/75 R 20	A+D	
275/80 R 20	B	A
335/80 R 20	A	
475/80 R 20	A+A	
365/85 R 20	A+E	
395/85 R 20	A+D	
24 R 20.5	B	
11 R 22.5	B	A
12 R 22.5	A	A
13 R 22.5	A	A
455/40 R 22.5	B+E	
435/45 R 22.5	B+E	
455/45 R 22.5	B+E	
495/45 R 22.5	A+D	
275/50 R 22.5	B	A
435/50 R 22.5	A+E	
445/50 R 22.5	A+E	
455/50 R 22.5	A+E	
355/50 R 22.5	A	
385/55 R 22.5	A	
285/60 R 22.5	B	A
295/60 R 22.5	B	A
305/60 R 22.5	B	A
315/60 R 22.5	B	A
500/60 R 22.5	A+A	
385/65 R 22.5	A (normal) A+E (heavy duty)	
425/65 R 22.5	A+D	
445/65 R 22.5	A+D	
255/70 R 22.5	C	B
265/70 R 22.5	C	B
275/70 R 22.5	B	A
305/70 R 22.5	B	A
315/70 R 22.5	B	A
315/75 R 22.5	A	A
345/75 R 22.5	A	
350/75 R 22.5	B+E	
445/75 R 22.5	B+B	
255/80 R 22.5	C	B
275/80 R 22.5	B	A
295/80 R 22.5	A	A
315/80 R 22.5	A	A
405/70 R 24	B+B	
445/70 R 24	A+B	
455/70 R 24	A+A	
495/70 R 24	A+A	

A=12 oz (340 g), B=10 oz (280 g)
C= 8 oz (230 g), D= 6 oz (170 g)
E= 4 oz (115 g), F= 3 oz (85 g)

For tyre sizes not listed in this chart please contact your supplier or refer to www.equalchart.com



Keyword	Page	Keyword	Page
A			
Accessories - Air drills, pneumatic	315	Air/water valve, new type	11
Accessories - Air sanders, pneumatic	316	AIRCOMBI	194
Accessories - Axle stands - Melco	258	AIRCOMBI, ET	194
Accessories - Axle stands - Weber	257	AIRCOMBI, ET FI	194
Accessories - Selson air jacks	256	AIRCOMBI, FI	194
Accessories - Thermopress	96	AIRDRAULIC	193
Accessories - Torque wrenches	336	AIRDRAULIC, ET	193
Accessories - Wheel Aligner - PRO LINE C484	274	AIRDRAULIC, ET FI	193
Accessories - Wheel Aligner - PRO LINE C485	274	AIRDRAULIC, FI	193
Accessories - Wheel Aligner - PRO LINE C486	274	Airflow Couplings	284
Accessories - AIKIDO	202	Airline hoses with couplings - PCL	292
Accessories - Air Hydraulic Bottle Jack Weber	249	ALG4 Truck Tyre Inflator	300
Accessories - CLASSIC - AIRDRAULIC - AIRCOMBI	195	ALLIGATOR sens.it	137
Accessories - EURODAINU	299	Aluminium Hydraulic trolley jacks WINNTEC/OMEGA	252
Accessories - General	203	Aluminium valve	106
Accessories - Hydraulic trolley jacks SEALEY	252	AME 15002 Steel Crib Stand Kit	260
Accessories - Industrial tyres and steel banded solids	217	Antifreeze Tester For Propylene Glycol	365
Accessories - KENDO	199	ARAMID Repair Cord	39
Accessories - NST Nitrogen generators	306	Arbours	50
Accessories - PRO LINE AS 10	280	ATV QUAD BIKE REPAIR KIT	25
Accessories - PRO LINE AS 11	280	Axle stands - Gaither	259
Accessories - PRO LINE TRUCK laser wheel aligner	281	Axle stands - Melco	258
Accessories - PROMAXX MOTO	184	Axle stands - Sealey	259
Accessories - UHP and RUN-FLAT tyres	204	Axle stands - Weber	257
Accessories - TURBO WASH	243	B	
Accessories - Tyre changers PROMAXX	191	BAG-IT -Car	92
Accessories - Tyre changers truck	211	BAG-IT -Truck	92
Accessories - Wheel alignment	282	Balance weight	144
Accessories - Wheel alignment cars	279	Balance weight pliers	158
ACCURA Compact	298	Balance weight tools	158
ACCURA QUBE	298	Ball Joint Separator	361
Adapter	131	Ball Joint Separator - Fork Type	361
Adapter cap	131	Ball Joint Separator - Scissor Type	361
Adapters and Shafts	237	Ball rasp	43
Adapters for cars, light trucks	233	Ball shaped chip rasp	44
Adapters for trucks	237	Ball stone, spherical	47
Adapter air tool	290	Battery & Alternator Tester	365
Adapter Set	361	Battery Charger Electronic 10Amp 6/12V 230V	364
Adapters	289	Battery Hydrometer	364
Adhesive balance weight remover	158	Battery tester (Discharge tester)	364
Adhesive weight	150	Bead Bazooka™ BB06L	86
Adjustable spanner	342	Bead Bazooka™ BB9XL	86
AEROWAX	166	Bead breakers	78
AIKIDO	201	Bead Breaking Ram	83
AIKIDO FI	201	Bead Buster (Cheata)	80
Air buffers, pneumatic	319	Bead Buster Handle (Cheata)	80
Air drills, pneumatic	315	Bead compression tool CLAMP MASTER	87
Air hammer, pneumatic	315	Bead Expander	89
Air Hydraulic Bottle Jacks	248	Bead Keeper - 3rd Hand Rubberhead	80
Air hydraulic trolley jack	253	Bead Paste	167
Air hydraulic trolley jack - WEBER	254	BEAD SEALER	169
Air punch/flange tool	317	Bead vulcanising	104
Air ratchets, pneumatic	314	Bead vulcanizing clamp, universal	104
Air sanders, pneumatic	316	Bead Wedge	80
Air tool hose	291	Bicycle repair kits	12
Air tool hose	291	BOA Constrictor Strap Wrench	360
Air Tool Whip Hose	293	Bottle jacks - Winntec	247
AIR-SET	17	Bottle jacks Weber	246
AIR-SET, with self-service clip	17	Brake and Clutch Bleeding System	356
Air/water rim nut	118		

Keyword	Page	Keyword	Page
Brake Bleeding Kit	356	CLASSIC PLUS, ET	192
Brake Caliper Pin Punch Set	353	CLASSIC PLUS, ET FI	192
Brake caliper wind back tool kit	355	CLASSIC PLUS, FI	192
Brake Cleaner	173	Cleaner Floor Gel	177
Brake Disc Fluid Tester	358	Cleaner Glass	177
Brake Disc Pad Puller	357	Cleaner Multi Purpose	177
Brake Disc Removal Tool For Ford Transit	355	Cleaning products	177
Brake Drum Vernier Gauge	354	Clip-on connector	135
Brake Flaring Tool	353	Coil Spring Compressing Station	361
Brake fluid tester	358	Coiled airline hose	294
Brake Fluid Tester Boil Test	358	Combi bead breaker	82
Brake Fluid Tester Pen	358	Combi Tyre Bead Breaker Kit	82
Brake Pad Spreader	357	Combination spanner	344
Brake pipe corrosion tool	353	Combination spanner set	343
Brake Pipe Mini Tube Cutter	353	Commercial Bead Knocker	80
Brake pipe spanner	352	Commercial hose	291
Brake spring pliers	356	Commercial Safety Cage	90
Brake Spring Tool	355	Commercial Slide Hammer	84
Brake spring washer tool	355	Cone stone	47
Brake wrench	352	Cone stone	47
Branding iron	52	Conical stone	46
Branding iron blanks	53	Connector Service Kit	136
Brass-bristled brush	56	Contour wheel	45
Broom Head	177	Copper grease	174
Brush for Alloy Wheels	174	Core housing	117
Brushes	40	Core Retracting Inflating Tool (Clip On)	134
Buffing donut	43	Corrosion Assessment Tool	368
Buffing motor VARIO Power 3000	66	CROSS-PLY repair patch	33
Buffing stones	46	Crows foot wrench set	343
Buffing donut	45	Cutting Knives	54
Buffing wheel	45	CV Boot Tool	362
BVA3 Bead vice adaptor	79	CV Bootgun	362
C			
Cage Hand Cleaner Orange	162	D	
Car care	174	DAINU Hand-held tyre inflator gauge	299
Car valve	11	DAINU/EURODAIMO Hand-held tyre inflator gauges	299
Carbide mill cutter, pointed	42	Deb Protect Barrier Cream	162
Caulking Gun	26	Deb Protect Barrier Cream Dispenser	162
Centering cones XL	240	Deb Proteks Wet	163
Centering unit quad	240	Deflation Aspirator	135
Chalk Marking	19	Dial Gauge Indicator	357
Checker tape	176	DIGIAIR Hand-held tyre inflation gauges	298
CHECKLINK®	338	Digital Brake Disc Caliper	354
CHECKLOCK	339	Digital Vernier Caliper	354
CHECKPOINT® Indicator	337	Digital Voltmeter	365
Chemi-Cord Bonding Compound	25	Dispenser Seat Cover	179
Chemi-Cord Nylon reinforced cord	25	Dome rasp	45
Chemi-Cure	25	Dome rasp K 18	45
Chemi-Cure EM Needle	25	Dome rasps	43
Chemi-Cure Truck/Tractor Needle	25	Don Carlos knife	54
Chemical Sprayer	172	Double Union Nut	287
Chip cone, pointed	44	Drain plug key set	360
Chisel punch set	350	Draper Tool/organiser Box	366
Chrome sleeve, snap-in valve	108	Drill bits	348
Chrome sockets 1/2", double depth	321	Dust mask	175
Chrome sockets 3/8", double depth	320	Dust Pan and Brush	178
Chrome sockets 3/8", standard	320	DUSTITE®	338
Clamp-in valve Einky	111	DUSTITE® Base Indicator	338
Clamp-In Valve with Ball-Joint Attachment (RS1)	137	DUSTITE® Top indicator LR	338
CLASSIC PLUS	192		

Keyword	Page	Keyword	Page
E		Gloves Nitrotouch Nylon/Nitrile	180
Ear defender	176	Gloves Working Leather	180
EASY ROUND	74	Gloves Working Red PVC	180
Economy Hose Reel	297	Golfball buffing stone	46
Electronic digital micrometer	354	Grinding disc,cylindrical	47
EM bead spreader, hydraulic	76	H	
EM Clip-on Chuck Large Bore -Open End	136	Hacksaw and blades	351
EM Clip-on Chuck Large Bore Service Kit	136	Hacksaw blades	351
EM Large Bore Adaptor	294	Hacksaw blades junior	351
EM mounting set, 25" -38"	81	Hammer Ball Pein	340
EM repair stand, with hoisting winch (manual)	104	Hammer Claw	340
EM Safety Inflator	294	Hammer Half Sledge	340
EM SLB Inflation Adaptor	294	Hammer Lump	340
EM tyre spreader	76	Hammer Sledge	340
Emergency wheel nut remover	351	Hanauer mouse	118
Engine stand	360	Hand Bead Breaker BBO Long	80
EQUAL	155	Hand Bead Breaker BBO Short	80
ES 45 finish buffer kit	49	Hand Cleaner dispenser	160
EURODAINU Hand-held tyre inflator gauge, CEE	299	Hand Cleaner Orange	162
EVA Bead Breaker	79	Hand Cleaner SOFT	160
Exhaust Pipe And Tubing Cutter	363	Hand Cleaner SUPER	160
Exhaust Pipe Flaring Tool	363	Hand Cleaner TOP CLEAN	160
Extendable Water Fed Wash Brush	178	Hand protection	180
Extension bar	328	Hand pump	83
Extension bar chrome	329	Hand Rasps	27
Extension holder, separate	127	Hand Roll Blue	178
Extension lead	365	Hand tools	54
External thread restorer file	350	Hand wipes abrasive heavy duty	163
Extruders	588	Hand wipes industrial	163
F		Heating plate	96
Feeler Gauge	360	Heavy Duty Alkaline Battery	365
Fibre Seal Insert	24	Heavy Duty Hose Reel	296
File set	350	Hexagon keys/tools	349
Filter Block	304	HM Ballshaped burr	42
Filter Wrench -Strap	360	Holder, double	127
Filters, Regulators and Lubricators	304	Holder, single	127
Fitting machine hose	291	Hose Clamps	296
Flange plate adapters for cars, off-road vehicles	234	Hose Connector/Repairer	287
Flap wheel	49	Hose connectors - JWL	289
Flexible handle	329	Hose connectors - PCL	284
Flexible handle repair kit	329	Hose Tail Adaptor	287
Flexible shafts	66	Hose with anti whip couplings	293
Fluid Filler/ Remover	359	Hot knife	54
Foam Tyre Dressing	175	Hub nut socket	362
Foil	98	Hub nut socket set 1/2" + 1/4"	362
Foot Pump Single Barrel	306	Hydraulic body repair kit	85
Foot pump, air-hydraulic	83	Hydraulic brake hose clamp	356
Forklift jacks	253	Hydraulic hose	82
Fuel line disconnection plier set	341	Hydraulic Hub Puller Set	363
Funnel with Flexi-Spout	179	Hydraulic press	345
G		Hydraulic press bench type	345
Gaither Bead Vice	79	Hydraulic trolley jack -COMPAC	251
Glove Disposable Vynatrilite -Powder free	180	Hydraulic trolley jacks	250
Glove PU Coated Nylon Black	180	Hydraulic trolley jacks WINNTEC	251
Gloves Latex	180	Hydraulic Wheel Remover	84
Gloves Latex Powder Free	180	I	
Gloves Mixed Fibre Shell Latex	180	ICE FREE	181
Gloves Nitrile Disposable	180	Ice Stud Gun AS-9	67
		Ice Studs	67

Keyword	Page	Keyword	Page
Impact driver set	346	Mallet Rubber	340
Impact sockets 1", double depth	325	Mallet Soft Faced	340
Impact sockets 1" - Imperial	326	Manual brake bleeder	356
Impact sockets 1", standard	324	Markal Paint Stick White	19
Impact sockets 1", Thin wall	325	Markal Paint Stick Yellow	19
Impact sockets 1/2", double depth	322	Marking	52
Impact sockets 1/2", double depth, thin wall	321	Marking Chalk	19
Impact sockets 1/2"	321	Maxi bead breaker, aluminium	82
Impact sockets 1/2" - Imperial	323	Measuring Tape 5 metre	368
Impact sockets 3/4", double depth	324	Mechanics Tool Chest	366
Impact sockets 3/4", standard	323	Memory Master	364
Impact sockets 3/8", chrome, double depth	320	Metal car valve	111
Impact spline set	348	Metal valve, alloy	110
Impact wrenches	310	Micro bead breaker, aluminium	82
Increasing Bush	288	Microfiber Cloth	174
Increasing Bush	288	Mill cutter carbide	42
INNERLINER SEALER	36	Mini bead breaker, aluminium	82
Inserting tool	27	Mini buffing set	43
Insulated sockets 1/2", chrome, double depth	322	Mini file set	350
Inverter	65	MINICOMBI	21
J		Minor Damage Repair Chart/Poster	20
Jack saddle metal	250	Minor Damage Repair Gauge	20
Jack saddles	250	MK3 Tyre Inflator Hose	301
Jacking air cushion	255	MK3 Tyre Inflators	300
Jacking plate	260	Mobile tyre changer module UNIMONT	219
Jacking Support Block	260	Mole grip, curved jaw	342
Jubilee Clip	295	Mole grip, long nose	342
		Mole grip, straight jaw	342
K		Mop Bucket Galvanised	178
KENDO	198	Mop Head & Handle	178
KENDO FI	198	Moped valve	11
		MOT Chart: Notice Board	367
L		MOT Document Store	367
Lambda Sensor Socket	359	MOT Shadow Board C/W Tools	367
Large Plastic Bucket	174	MOT Sign Parking Area (Pair)	367
Leader hose	291	MOT Sign: Catalysts Tested	367
Leak Detector	169	MOT Sign: Diesels Tested	367
LED Safety Cone Beacon	176	MOT Sign: Information	367
Lever Bar	71	MOT Sign: Vehicle Testing Station	367
Lever Pry Bar Set piece	368	MOT Sign: Viewing Area	367
Lift bag -GAITHER	255	MOT Sign: Viewing Area Available	367
Lighting	72	MOT Sign: Waiting Area	367
Limestones	46	MOT Tool Shadow Board	367
Liquid Bead Lubricant	167	Motorcycle repair kits	13
LIQUID BUFFER	18	Motorcyclevalve	106
Liquid Spanner	173	Mounting Bead Grease	166
LOCK TOOL EM, VG8	132	Mounting Paste Brush	40
LOCK TOOL flexible, VG5	132	Mounting Paste Brush	168
LOCK TOOL standard, VG5	132	Mounting tools and equipment	68
Locking wheel nut remover	351	MTC Patches	29
Lubricant Super Slick EM	79	MTR SUPER FINISH RUBBER	39
		MTR-CR, rope for extruder	39
M		MTR-RUBBER	38
MacPherson Strut Compression Vise Adapter	361	MTX Patches	29
Magnetic Stand without Indicator	357	Mushroom stone	46
Mallet Copper & Rawhide	340	N	
		Needle Scalers - Vibration Damped	318
		Needle stitcher	55
		NITROTOWER nitrogen generator	305
		NITROVAN nitrogen generator	305

Keyword	Page	Keyword	Page
NST nitrogen generator	305	PRO LINE e-y-e ² , camera support	278
Nut Wheel Locking Remover Blade	351	PRO LINE e-y-e ² , lift version	278
O		PRO LINE e-y-e ³	279
'O' ring	88	PRO LINE TRUCK	281
Oil Air Tool	174	PRO LINE TRUCK EASY	281
Oil Filter Socket	359	PRO LINE TRUCK laser wheel aligner	281
Oil Filter Wrench Set Piece	359	PROBALANCE 7120	228
Oil Hydraulic	174	PROBALANCE 725	232
Oil Measuring Jug	179	PROBALANCE 7310	224
Oil Penoyl spray	173	PROBALANCE 7320	224
Oil Piston Compressor	174	PROBALANCE 740	229
Oil Spill Absorber Concentrated Isol8	178	PROBALANCE 7415 PSL	225
Oil Wheel Stud	174	PROBALANCE 7415 SONAR	225
Open end spanner	343	PROBALANCE 7425 SONAR	226
OptiVent	111	PROBALANCE 7425 SONAR	226
OTR bead breaker	82	PROBALANCE 7425 SONAR	227
P		PROBALANCE 7910	230
Paper Foot Mats	179	PROBALANCE 792	231
Part worn labels	53	PROFI Workplace	16
PAX mounting kits	205	PROFIAIR digital tyre inflator, calibrated version	297
PCL AirForce Tyre Inflator	301	PROFIAIR Hose Replacement	297
Pencil buffer K 46	44	PROFILER 500	138
Pencil stone	47	PROFILER 500 MOTO	138
Pentagon bit set	358	Profiler TPM-II Plus	139
Pick Up Tool	367	PROFILER TPMS	138
Pincers	55	PROMAXX 8150	185
Pincers Standard Jaw	296	PROMAXX 8200	186
Pistol Grip Blowgun	319	PROMAXX 8200 FI	186
Plastic bottle	174	PROMAXX 8200-2	186
Plastic rim ferrule	11	PROMAXX 8200-2 FI	186
Pliers circlip set	341	PROMAXX 8240-2	187
Pliers combination	341	PROMAXX 8240-2 FI	187
Pliers lock grip Facom	342	PROMAXX 8240-2 LL	189
Pliers long nose	341	PROMAXX 8240-2 PLUS	187
Pliers set	341	PROMAXX 8240/FI/PLUS	187
Pliers set heavy duty	341	PROMAXX 9260	208
Pliers side cutters	341	PROMAXX MOTO	184
Pliers waterpump	341	PROMONT B 924	208
Plug Socket 3/8"D 8mm Thin Wall	359	PROMONT B 956	209
PLUS device, with bead guiding roller	192	PROMONT B 957	209
PN Patches	33	PROMONT B 958 GIGA	210
Pneumatic angle grinder	318	PROMONT B 958 GIGA	210
Pneumatic Bead Breaker	81	PROTEC	190
Pneumatic brake caliper	355	PROTEC 300	190
Pneumatic fret saws	317	PTFE tape	288
Pocket tyre pressure gauge	303	Pull wire	22
Poly plug	43	Pump Hand Cleaner Orange	162
Power bar	329	Pump rings	89
Power Bleeder® Brake Bleeding System	356	Q	
Power Chamois	174	Quick release action chuck	51
Pressure brake and clutch bleeder	356	R	
Pressure equalizing pad car	96	RAD repair patch	31
Primeshield Liquid Glove	163	RAD repair patch 190 TL	31
PRISM	275	RAD repair patch, ARAMID	32
PRO BIKE II	238	Radial repair patches	30
PRO LINE AS 10	280	Ram-rod Hub-lift	261
PRO LINE e-y-e Lite, lift version	276	Ram-rod WHEEL RITER	75
PRO LINE e-y-e ¹ , camera support	277	Rapid Rubber & Nozzle	26
PRO LINE e-y-e ¹ , lift version	277	Rapid Rubber Gun	26

Keyword	Page	Keyword	Page
Rapid Rubber Spare Nozzle	26	Scissors	54
Ratchet 3/8"	333	Scooter valve	11
Rechargable lantern	73	Scooter valve	106
Reducing Bush	288	Screw-on valve, single bend	112
Reel connection hose	291	Screwdriver set	346
Refuse Sacks	178	SE-UNIMONT for industrial tyres	213
Regroover blades	62	SEALASTIC	23
Regrooving	62	SEALASTIC EM	23
REMA FILL	26	SEALFIX	24
REMA STEM	28	Selson Acutorque®	336
REMACURE Carton	25	Selson air jacks	256
REMAXX ANTI-GLISS LUBE	168	Series 570 -Safety coupling	289
REMAXX BEAD SEALER	169	Series 572 -Safety coupling	289
REMAXX Demounting Fluid	168	Series 604 Quick coupling	290
REMAXX LUBRICANT-SE	168	Service trailer	221
REMAXX mounting cream TRUCK	165	Sharpening fixture	43
REMAXX mounting CREAM-W	165	Shore hardness tester	57
REMAXX mounting CREAM-W-EM	165	Shuttle 8 Hydraulic Bead Breaker	81
REMAXX mounting paste MONTSEAL	165	Side cutter for steelcord	54
REMAXX mounting paste SPORT	164	Single Pole Bead Knocker	80
REMAXX mounting paste UNIVERSAL	164	SIT rings	217
REMAXX mounting paste UNIVERSAL	164	Skiving knife	54
REMAXX mounting paste UNIVERSAL BLACK	164	Slide Hammer/Puller Set	363
REMAXX mounting wax MONT 2000	166	Snap-in valve	107
REMAXX mounting WAX-H	166	Snap-in valve	117
REP & AIR	17	Snap-in valve, with chrome sleeve	108
REP & AIR Bike,	16	Snow and Ice Scraper	181
REP & AIR Tubeless	17	Socket adaptors	327
REP BOY tyre spreader, mechanical	76	Socket bud, double depth	326
Repair rubber	37	Socket double depth	326
Replacement hose	299	Socket set	333
Replacement stones	43	Socket set, double depth	333
Retractor Hose Reel	297	Socket sets	330
Reversible ratchet 1/2"	333	Socket, torx star	348
RIC CLIP	338	Spare Nozzle	26
Rigid extension	129	Spatula	56
Rim Align -Scania Wheels	339	SPECIAL CEMENT	35
ROMESS data transfer and charging station	282	Speed bar	330
ROMESS inclinometer, complete	282	Spider wrenches, 4 way	335
Rotary brushes	48	Spider wrenches, 6 way	335
Rotary gouge	43	Spiraband	49
Round mushroom	47	Spoke weight 711	154
Rubber Alloy Air Hose	295	Spray bottle	172
RUBBER CUT 400	62	Square Drive Ball Joint Socket	362
Rubber insert	90	Standard Adaptors	285
Rubber knife	54	Staple Gun	368
Rubber pre-heating plate	97	Staples	368
Rubber seal	112	Star socket set	348
RUN-FLAT repair kit	20	Static Safety Cage -4x4/Light Van	92
S		Steel mill cutter, pointed	42
Safety cages	90	Steel-bristled brush	56
Safety Fire Extinguisher Dry Powder	177	Stilsons	343
Safety First Aid Kit	177	Stitcher	55
Safety Glasses	175	Stitcher, corrugated	55
Safety Goggles	175	Strut Nut Socket Set	361
Safety helmet	176	Stud extractor	349
Safety Inflation Cage Portable	92	Stud Hole Elongation Testers	339
Safety protection aids	175	SUPER SEALASTIC TT	23
Safety Traffic Cone 500mm high	176	Support stand PNEUMATIC	95
SCHRADER Mast-air gauge	299	Support stand, floor-mounted	95
		SV bonding rubber	38

Keyword	Page	Keyword	Page
SWARFEGA 4000 Handwash Dispenser	161	Tube valves, truck, bus	112
Swarfega Instant Foam	162	Tubeless valves	107
Swarfega Instant Foam dispenser	162	TURBO WASH 3000	241
SWARFEGA Orange	161	TURBO WASH 3000	241
SWARFEGA Original Smooth Gel Rapid -Squeezy	161	TURBO WASH 4000	242
SWARFEGA Power	161	TURBOWASH 2700	240
Swivel angle connector	122	Twin Clip-on Connector	136
T		Twin Couplings	285
T2 Cleaning rubber	37	Twin Hold-on Connector	136
T2-COMPOUND	37	Twisted wire wheel	48
T2Solution	37	Tyre Bath	77
Talc	18	Tyre CADDY	75
Tank valve	111	Tyre changers	184
Tap and die set metric	350	Tyre changing line elements	206
TDX Snap-in valve	107	TYRE COMPOUND	164
Thermopress DUPLEX, 230 V	94	Tyre inflating connectors	136
Thermopress EM accessory GIGANT	101	Tyre inflation hose	291
Thermopress EM heating mat	102	Tyre inflators	298
Thermopress EM heating pocket	101	Tyre inspection lamp	73
Thermopress EM I, pneumatic	100	Tyre levers	68
Thermopress EM II, electro-hydraulic	101	Tyre lift spreader SUPER	77
Thermopress II ECONOMY, 230 V	95	Tyre Paint	172
Thermopress JUNIOR, 230 V	94	Tyre Paint Marker Pen White	19
Thermopress machines	94	Tyre pressure gauge	302
Thermopress MTR-Solution	36	Tyre Prodders	56
Thermopress patches	28	Tyre repair	20
Tiger Grease -MICHELIN	167	Tyre scraper	56
TIP TOP Liquid Bead Lubricant	167	Tyre Sealant	170
TIP TOP Plus snow socks	181	Tyre Spreader Bench Car	76
TIRE SAFE - Commercial Safety Cage	91	Tyre spreaders	76
TIRE SAFE Pedestal	91	Tyre Stool	77
Toilet Brush & Holder	178	U	
Toilet Cleaner	177	UNIMONT 16.5 - 24.5 EVO, 230 V	218
Toilet Rolls	178	UNIMONT 16.5 - 24.5 EVO, 400 V	218
Toilet Soap	177	Universal Hub Puller	363
Tool Bin Trolley	366	Universal joint, chrome	327
Tools for industrial tyres	214	UNIVERSAL patches	30
Tools for steel banded solids	216	Upholstery cleaner	174
Torque wrench adaptor	336	V	
Torque wrenches	336	'V' ring	88
TORX STAR	347	Vacuum cleaner	60
TPMS	137	Vacuum Oil and Fluid Extractor Manual	359
Tread depth gauges	57	Valve cap	130
Tread pressure plate	98	Valve Cap & Nut Box Spanner Set	133
Trim clean	175	Valve cap, Anti-theft	130
Truck Tyre Filler	87	Valve cap, extra short	130
Truck Tyre Filler, standard	87	Valve cap, Hex HP	131
Truck tyre spreader	76	Valve cap, long	130
Truck tyre working and positioning table	103	Valve cap, plastic HP	130
Truck valve	11	Valve cap, screwdriver top	130
Truck valve seating VG12	12	Valve cap, screwdriver topFor use with:	131
Truck valve seating VG8 (MICHELIN)	12	Valve cap, short	130
TT SEAL	170	Valve connectors	135
TT SEAL MOBILE KIT	171	Valve Core Removal Tool Special	134
Tube deflator	135	Valve core screwdriver	132
Tube patch, Euro	10	Valve core screwdriver standard/EM	132
Tube patches	10	Valve core screwdriver, metal	132
Tube repair kit	14	Valve core, long	129
Tube tensioner	76	Valve core, short	129
Tube valves scooter, motorcycle	106		

Keyword	Page		
Valve EM	121	Wheel Dolly	75
Valve extension	124	WHEEL LIFT PROBALANCE	229
Valve extension cap	123	Wheel removal	84
Valve extension, flexible	127	Wheel Seal -ECONOMY	167
Valve extension, short collar	125	Whetstone	54
Valve fishing tool	134	Windscreen Ruler	368
Valve for Industrial vehicles	106	Windscreen Washer Jet Needle Tool	368
Valve Forklift Guiding Flange	113	Wing nut	288
Valve Forklift Guiding Flange	113	Winter products	181
Valve Forklift Plastic Obturator	113	Wiping Cloth	178
Valve hole spud	119	Wire brush	56
Valve HP Snap-in Transit	109	Wire scratch brush	56
Valve mounting tool, alloy plastic handle	133	Wobble bar extension set	328
Valve mounting tools	133	Workbench Vice	344
Valve Nut Box Spanner	133	Workbench Vice	344
Valve Nut Driver	133	Workshop equipment	75
Valve repair tool, 3-piece	132	Workshop kits	16
Valve rim seal plug	118	Wrench Impact 1"	309
VALVE SAVE	132		
Valve stem	119	X	
Valve Van TR600 XHP Snap-in 43.5mm	109	XACTBalance	156
Vehicle Lift - SATURNUS 36	267		
Vehicle Lift - SATURNUS 45	267	Y	
Vehicle Lift - WERTHER 225I	272	Y Piece Connector	285
Vehicle Lift - WERTHER 228I-SP	272		
Vehicle Lift - WERTHER 260A	264	#	
Vehicle Lift - WERTHER 263/A	264	100 Series Coupling & Adaptor Air Tool Hose	292
Vehicle Lift - WERTHER 300S	271	100 Series Couplings	286
Vehicle Lift - WERTHER 301	271	60 Series Adaptors	286
Vehicle Lift - WERTHER 430	268	604 series adaptor	290
Vehicle Lift - WERTHER 430BL	268		
Vehicle Lift - WERTHER 436	269		
Vehicle Lift - WERTHER 450 JCB	270		
Vehicle Lift - WERTHER STRATOS S36	266		
Vehicle Lift - WERTHER STRATOS S39	265		
Vehicle Lift - WERTHER STRATOS SRM	265		
Vehicle Lift - WERTHER WML350C - WML600C	263		
Vehicle memory saver	364		
Vertex Coupling & Standard Adaptor Air Tool Hose	292		
Vertex Couplings	284		
VULC COMPOUND A+B	26		
Vulcanising	35		
Vulcanising fluid	18		
W			
Wash Brush Flexible	174		
Wash Mitt	174		
Wash n Wax 5ltr	174		
Wash Sponge	174		
Washing up liquid	177		
Waste Bin	178		
Water Fed Extendable Wash Brush	174		
Water recycling kit – TURBOWASH	244		
Wedge Hammer	340		
Wheel Aligner - PRO LINE C484	274		
Wheel Aligner, Mobile - PRO LINE C484R	275		
Wheel aligners for trucks	280		
Wheel balancers	224		
Wheel brace bars and extensions	334		
Wheel Brite	174		
Wheel chocks	260		

Reference Number Index

Ref. No.	Page	Ref. No.	Page	Ref. No.	Page	Ref. No.	Page
179	330	660680	352	04600522	344	211 2099	285
2928	354	660690	352	04600524	344	211 2106	286
9664	354	660925	353	04600527	344	211 2130	285
11138	320	674325	290	04600530	344	211 2154	285
11139	320	800020	336	04600532	344	211 2192	285
11206	355	1330085	143	04601719	343	211 2635	286
11388	343	1330092	143	04601719	344	211 2659	286
11534	356	1330140	143	054003	342	211 2673	286
13202	328	1410082	296	054004	342	211 2697	286
13951	368	1411098	296	054005	342	211 2714	286
13952	368	10100016	296	054190	349	211 2738	286
15602	350	10100029	296	06509	346	211 2752	286
18161	350	10100056	296	06512E	346	211 2776	286
22322	346	10110020	329	07404	342	211 2790	286
26917	347	10110040	329	07419	341	211 3098	285
35364	348	10110050	329	076100	357	211 3115	285
35900	355	10120020	328	077122	357	211 3160	285
36324	350	10120021	328	07MB461	341	211 3167	285
37316	356	10120022	328	09701	351	211 3328	287
37870	363	10120030	327	211 0001	306	211 3342	287
37874	85	10340022	329	211 0022	301	211 3380	287
37875	85	10380021	328	211 0039	304	211 3407	287
38999	341	10380022	328	211 0080	315	211 3421	287
50346	350	10380030	327	211 0094	319	211 3445	287
54500	260	10380036	327	211 0101	304	211 3452	284
55660	348	10380043	328	211 0115	311	211 3469	284
55662	348	10380503	330	211 0122	288	211 3799	287
55665	348	10380510	320	211 0129	300	211 3847	287
55949	73	10380513	320	211 0136	308	211 3854	287
55997	347	10380514	320	211 0143	311	211 3902	287
56137	360	10380610	320	211 0150	302	211 3909	287
56612	73	10380612	320	211 0157	287	211 3916	287
59078	358	10380613	320	211 0164	298	211 3923	287
59262	347	10380614	320	211 0184	304	211 3930	286
59264	347	10380615	320	211 0864	292	211 3937	288
61302	73	10380617	320	211 0871	301	211 3944	288
61837	365	10380619	320	211 0888	300	211 3951	288
63194	366	12920516	321	211 0895	301	211 4011	136
63195	366	12920614	321	211 0912	301	211 4074	136
63770	361	022300	349	211 0919	301	211 5302	57
68426	353	029121	331	211 0926	297	211 5302	302
69295	177	029126	331	211 0936	301	211 5309	302
71407	177	029134	331	211 0941	300	211 5319	303
72718	365	031200	333	211 0967	300	211 5395	303
109162	304	032000	365	211 0974	300	211 5412	303
120510	321	032005	364	211 0981	301	211 5436	303
120511	321	033800	333	211 0991	298	211 5508	303
120513	321	035396	368	211 0998	300	211 5515	303
236784	260	04600507	344	211 1014	136	211 5522	57
236785	260	04600508	344	211 1038	136	211 5529	57
236786	260	04600509	344	211 1052	136	211 5553	302
236787	260	04600510	344	211 1076	136	211 5560	302
520312	289	04600511	344	211 1090	135	211 5567	57
520314	289	04600512	344	211 1117	135	211 5697	296
520324	289	04600513	344	211 1131	135	211 5711	297
522312	289	04600514	344	211 1492	319	211 5718	296
522314	289	04600515	344	211 1911	284	211 5845	57
522324	289	04600516	344	211 1935	284	211 5866	297
604315	290	04600517	344	211 1959	284	211 5880	298
641213	353	04600518	344	211 1973	284	211 6198	297
660140	352	04600519	344	211 2013	284	211 6708	302
660660	352	04600520	344	211 2037	284	211 6715	57
660670	352	04600521	344	211 2051	285	211 6722	20

Reference Number Index

Ref. No.	Page	Ref. No.	Page	Ref. No.	Page	Ref. No.	Page
212 2377	108	212 6732	123	311 4378	336	506 0351	17
212 2395	107	212 6746	115	311 4395	336	506 0375	17
212 2396	107	212 6753	114	311 5201	364	506 0423	17
212 2412	107	212 6760	114	311 5215	364	506 045 4	17
212 2429	107	212 6767	114	311 5228	365	506 0519	14
212 2443	107	212 6774	114	311 5238	366	506 0911	15
212 2450	108	212 6781	116	360 0600	250	506 4010	16
212 2457	109	212 6788	116	360 0700	250	506 9606	13
212 2471	108	212 6795	116	360 0800	250	507 0011	15
212 2537	108	212 6802	118	360 1000	250	507 0310	15
212 2544	108	212 6809	118	360 1100	250	507 0602	16
212 2551	108	212 6816	118	360 1800	250	507 9706	16
212 2558	108	212 6837	124	360 2400	250	507 9892	12
212 2614	108	214 0391	129	500 0012	10	510 0000	27
212 2656	108	214 0401	136	500 0029	10	510 0007	27
212 2663	108	214 0418	136	500 0036	10	510 0014	27
212 2670	108	214 7583	131	500 0043	10	510 0021	27
212 2683	108	222 0149	173	500 0050	10	510 0028	27
212 6315	115	222 0156	173	500 0067	10	510 1155	23
212 6329	115	222 0163	173	500 0081	10	510 1801	24
212 6407	115	222 0187	173	500 0108	10	510 1808	24
212 6414	107	222 0194	173	500 0122	10	510 1815	24
212 6421	109	311 0000	345	500 0191	10	510 1832	24
212 6428	107	311 0014	363	500 0201	10	510 1839	24
212 6442	107	311 0021	345	500 0263	10	510 1935	28
212 6449	114	311 0042	336	501 0040	11	510 1942	28
212 6456	114	311 0049	361	501 0071	11	510 1959	28
212 6463	115	311 0056	360	501 0088	11	510 2147	23
212 6470	129	311 0063	366	501 0136	11	510 2161	23
212 6477	130	311 0070	363	501 0143	11	510 2202	27
212 6484	130	311 0077	332	501 0150	11	510 2219	27
212 6494	110	311 0077	362	501 0174	11	510 2226	27
212 6501	117	311 0084	360	501 0181	11	510 2233	27
212 6508	117	311 0091	360	501 0215	11	510 2240	27
212 6515	117	311 0098	358	501 0277	11	510 227 1	27
212 6522	124	311 0105	327	501 0318	11	510 2305	25
212 6529	124	311 0112	362	501 0370	11	510 2312	24
212 6536	124	311 0119	356	501 0394	11	510 2319	24
212 6543	124	311 0147	359	501 0404	11	510 2336	27
212 6550	124	311 0154	359	501 0428	11	510 2343	27
212 6557	127	311 0161	347	501 0442	11	510 2350	25
212 6564	126	311 0168	53	501 0507	12	510 2367	23
212 6571	126	311 1006	91	501 0545	12	510 2381	27
212 6578	126	311 1020	92	503 8046	10	510 2388	27
212 6585	126	311 1027	92	503 8053	10	510 2395	27
212 6606	114	311 1037	80	503 8060	10	510 3108	23
212 6613	119	311 1044	77	503 8084	10	510 3304	23
212 6620	116	311 1051	80	503 8101	10	510 3407	23
212 6620	116	311 1075	84	503 8125	10	510 3414	25
212 6627	118	311 1131	92	505 0732	18	510 3415	25
212 6634	124	311 1138	92	505 0828	18	510 3421	25
212 6641	127	311 1147	80	505 4051	18	510 3438	25
212 6648	126	311 1288	80	505 9032	18	510 3445	25
212 6655	109	311 3461	336	505 9056	18	511 1183	20
212 6662	107	311 3468	336	505 9128	18	511 1190	20
212 6669	115	311 3482	336	505 9142	18	511 1781	42
212 6676	129	311 3503	336	505 9159	18	511 1798	42
212 6683	129	311 3510	336	505 9197	18	511 1808	22
212 6690	131	311 4326	294	505 9719	18	511 1891	42
212 6697	130	311 4333	294	506 0045	13	511 1925	42
212 6704	110	311 4343	359	506 0193	13	511 1944	42
212 6711	117	311 4357	76	506 0203	13	511 1956	21
212 6725	126	311 4371	336	506 0306	14	511 1963	22

Reference Number Index

Ref. No.	Page	Ref. No.	Page	Ref. No.	Page	Ref. No.	Page
511 2096	22	512 605 1	33	516 1267	38	517 5246	102
511 2151	21	512 606 8	33	516 1274	38	517 5679	103
511 2209	21	512 607 5	33	516 9032	26	517 5727	101
511 3057	22	512 608 2	33	516 9049	26	517 6207	101
511 3071	22	512 609 9	33	516 9207	36	517 6221	54
511 3105	22	512 610 9	33	516 9214	36	517 7000	94
511 3136	22	512 620 2	33	516 9221	36	517 7048	97
511 3143	22	512 621 9	33	516 9240	36	517 7062	96
511 3208	21	512 622 6	33	517 0777	76	517 7086	96
511 3215	22	512 623 3	33	517 0784	76	517 7158	98
512 1104	31	512 625 7	33	517 1006	28	517 716 5	97
512 1159	31	512 6408	33	517 1020	28	517 7172	97
512 1160	31	512 6415	33	517 1037	28	517 7323	37
512 1207	31	512 670 7	30	517 1051	103	517 7330	37
512 1221	31	512 6714	30	517 1058	26	517 7361	37
512 1245	31	512 672 1	30	517 1065	26	517 7378	37
512 1252	31	512 6738	30	517 1072	26	517 7402	37
512 1355	31	512 674 5	30	517 1123	95	517 7505	58
512 1403	31	512 6752	30	517 1130	95	517 7512	58
512 1427	31	512 676 9	30	517 1501	100	517 7608	59
512 1441	31	512 6776	30	517 1525	95	517 7701	100
512 1465	31	512 810-7	29	517 1707	28	517 9008	37
512 1506	31	512 8107	29	517 1817	28	517 9015	37
512 1520	31	512 8121	29	517 1958	97	518 0011	205
512 1551	31	512 8145	29	517 1965	96	518 0028	197
512 1568	31	512 8152	29	517 1972	99	518 0035	197
512 1609	31	512 8200	29	517 1989	96	518 0042	197
512 1623	31	512 8224	29	517 2000	26	518 0060	195
512 1654	31	512 8248	29	517 2007	26	518 0070	197
512 1685	31	512 8255	29	517 2014	26	518 0120	196
512 1757	31	512 8262	29	517 2043	97	518 0130	196
512 1805	31	512 8286	29	517 2438	96	518 0130	204
512 1829	31	512 8358	29	517 2460	97	518 0169	203
512 1843	31	512 8406	29	517 3255	97	518 0260	196
512 1852	31	512 8420	29	517 3310	98	518 0270	197
512 1867	31	512 8446	29	517 3327	98	518 0300	196
512 1881	31	512 8453	29	517 3334	98	518 0310	197
512 1908	31	512 8468	29	517 3365	98	518 0327	197
512 200 0	34	515 0371	35	517 3509	38	518 0341	203
512 201 7	34	515 0388	35	517 3523	38	518 0350	199
512 202 4	34	515 0405	35	517 3554	104	518 0350	202
512 203 1	34	515 0546	35	517 357 8	96	518 0389	197
512 204 8	34	515 0553	35	517 3578	96	518 0396	203
512 205 5	34	515 0900	36	517 3619	59	518 0406	203
512 206 2	34	515 4009	25	517 3640	96	518 0413	203
512 207 9	34	515 9004	36	517 3767	59	518 0420	203
512 209 3	34	515 9011	36	517 3815	94	518 0437	197
512 240 2	34	515 9028	36	517 3853	60	518 0444	203
512 241 9	34	515 9303	35	517 3970	98	518 0451	203
512 5314	32	515 9334	35	517 4170	104	518 0470	199
512 5337	32	515 9341	35	517 4240	104	518 0470	202
512 5351	32	515 9365	35	517 4508	103	518 0480	199
512 5375	32	515 9389	35	517 4508	16	518 0480	202
512 5399	32	515 9396	35	517 4869	60	518 0490	200
512 5410	32	515 9570	35	517 4883	59	518 0490	202
512 5431	32	516 0980	39	517 5002	101	518 0530	200
512 5810	32	516 1009	38	517 5033	101	518 0530	202
512 5830	32	516 1061	36	517 5040	101	518 0540	202
512 5850	32	516 1164	39	517 5057	96	518 0550	199
512 5870	32	516 1180	39	517 5064	96	518 0550	202
512 5890	32	516 1212	36	517 5215	102	518 0560	199
512 603 7	33	516 1243	38	517 5222	102	518 0560	202
512 604 4	33	516 1250	38	517 5239	102	518 0570	199

Reference Number Index

Ref. No.	Page	Ref. No.	Page	Ref. No.	Page	Ref. No.	Page
518 0570	202	518 4385	243	518 6010	236	518 9821	206
518 0580	199	518 4404	252	518 6020	236	518 9840	206
518 0580	202	518 4411	251	518 6030	236	518 9841	206
518 0590	200	518 4418	251	518 6040	236	518 9860	206
518 0590	202	518 4425	252	518 6050	236	518 9861	207
518 0600	199	518 4432	252	518 6060	236	518 9862	207
518 0600	202	518 4439	252	518 6070	236	518 9863	207
518 0610	199	518 4453	256	518 6100	237	518 9870	207
518 0626	305	518 4460	256	518 6110	237	518 9871	207
518 0633	305	518 4467	256	518 6125	234	518 9872	207
518 0640	196	518 4474	252	518 6132	233	518 9873	207
518 0640	204	518 4481	251	518 6170	233	518 9890	207
518 0660	200	518 4498	251	518 6240	233	518 9920	207
518 0660	202	518 4500	251	518 6250	233	518 9971	207
518 0932	197	518 4505	250	518 6455	233	519 0205	190
518 0932	204	518 4529	251	518 6500	240	519 0511	191
518 0949	197	518 4543	256	518 6510	238	519 0836	217
518 0956	197	518 4550	80	518 6520	238	519 0843	217
518 0964	197	518 4557	80	518 6530	238	519 0850	217
518 0994	197	518 4567	251	518 6540	238	519 0867	217
518 0994	203	518 4574	251	518 6550	238	519 0874	217
518 1020	203	518 4585	256	518 6560	238	519 0898	217
518 1020	204	518 4600	240	518 6565	234	519 0908	217
518 1030	195	518 4605	251	518 6570	238	519 0915	217
518 1040	195	518 4626	250	518 6580	238	519 1017	214
518 1070	202	518 4639	243	518 6589	233	519 1024	215
518 1080	200	518 4640	254	518 6600	239	519 1031	217
518 1080	202	518 4646	241	518 6610	239	519 1055	215
518 1100	196	518 4647	241	518 6650	240	519 1062	216
518 1100	204	518 4688	254	518 6857	233	519 1079	216
518 1110	202	518 4695	256	518 6870	233	519 1086	216
518 1170	202	518 4701	79	518 6900	237	519 1189	216
518 1209	305	518 4708	79	518 6910	237	519 1213	214
518 1260	219	518 4715	79	518 6920	237	519 1220	215
518 1270	220	518 4722	79	518 6930	237	519 1237	215
518 1280	220	518 4750	87	518 7170	224	519 1244	214
518 1290	219	518 4757	87	518 7179	224	519 1251	215
518 1320	220	518 4764	87	518 7399	233	519 1275	216
518 1650	204	518 4771	87	518 7818	87	519 1282	216
518 1650	202	518 4773	87	518 8070	235	519 1299	214
518 1680	199	518 4778	78	518 8080	235	519 1309	215
518 1680	204	518 4785	78	518 8090	235	519 1323	215
518 1700	199	518 4792	78	518 8100	235	519 1330	215
518 2693	279	518 4799	261	518 8140	233	519 1347	215
518 2710	279	518 4806	75	518 8140	237	519 1354	214
518 2727	279	518 4827	250	518 8598	251	519 1361	214
518 2734	279	518 4841	75	518 8612	251	519 1378	214
518 2741	279	518 4869	251	518 8903	233	519 1385	217
518 2789	279	518 4885	84	518 8910	233	519 1392	221
518 2796	279	518 5230	282	518 8927	233	519 1395	256
518 2806	279	518 5260	280	518 8958	234	519 1402	255
518 2813	279	518 5260	281	518 8965	234	519 1426	255
518 2837	282	518 5270	280	518 8972	234	519 1512	83
518 2851	282	518 5270	281	518 8989	234	519 1536	84
518 2868	282	518 5300	281	518 8996	234	519 1581	81
518 2875	252	518 5353	243	518 9005	234	519 1622	83
518 2882	75	518 5360	244	518 9029	234	519 1653	57
518 2899	75	518 5401	243	518 9036	234	519 1677	83
518 3520	75	518 5402	243	518 9177	232	519 1684	83
518 3685	305	518 5621	274	518 9201	232	519 1705	82
518 3719	65	518 5652	274	518 9450	237	519 1712	82
518 4360	243	518 5748	274	518 9500	242	519 1719	83
518 4378	243	518 6000	236	518 9510	243	519 1726	82

Reference Number Index

Ref. No.	Page	Ref. No.	Page	Ref. No.	Page	Ref. No.	Page
519 1763	82	519 3933	86	557 3006	103	562 2416	114
519 1770	83	519 4498	250	557 3972	103	562 2423	107
519 1777	82	519 5075	282	557 4012	103	562 2430	111
519 1805	82	519 6001	52	557 8238	103	562 2531	110
519 1812	81	519 6414	49	557 8410	103	562 2591	106
519 1819	82	519 6593	51	558 3436	75	562 2603	106
519 1826	82	519 6603	51	558 7195	53	562 2617	106
519 1833	82	519 6610	51	558 7205	53	562 2624	106
519 1840	82	519 6627	51	558 7212	53	562 2631	106
519 2770	211	519 6634	51	558 7229	53	562 2648	115
519 2940	191	519 6641	51	558 7236	53	562 2651	115
519 2941	184	519 6665	51	558 7243	53	562 2658	110
519 2941	191	519 6672	51	558 7250	53	562 2665	110
519 2942	184	519 6689	51	558 7267	53	562 2689	110
519 2942	191	519 6782	51	558 7274	53	562 2696	110
519 2943	191	519 6799	51	558 7281	53	562 2700	111
519 2944	191	519 6940	70	558 7298	53	562 2707	115
519 2945	191	519 6964	70	558 7315	53	562 2713	107
519 2946	184	519 6971	70	558 7322	53	562 2720	106
519 2946	191	519 7028	60	558 7339	53	562 2737	110
519 2947	191	519 7500	195	558 7346	53	562 2743	111
519 2948	191	519 7510	195	558 7353	53	562 2753	110
519 2949	191	519 7781	205	558 7360	53	562 2760	110
519 2950	191	519 7798	205	558 7377	53	562 2767	110
519 2951	191	519 7987	205	558 7384	53	562 2768	112
519 2952	191	519 8041	203	558 7391	53	562 2789	115
519 2960	184	519 8750	203	558 7401	53	562 2796	110
519 2960	191	519 8780	76	558 7418	53	562 3028	117
519 2961	191	519 8820	202	558 7425	53	562 3042	117
519 2962	191	519 8830	202	558 7432	53	562 3073	119
519 3330	211	519 9026	71	558 7449	53	562 3097	117
519 3383	211	519 9033	71	558 7456	53	562 3107	117
519 3400	211	519 9040	71	558 7463	53	562 3138	118
519 3410	211	519 9047	71	558 7470	53	562 3880	137
519 3440	212	519 9071	70	558 7487	53	562 3887	142
519 3479	211	519 9181	76	558 7494	53	562 3894	142
519 3550	211	519 9198	77	558 7504	53	562 3901	142
519 3580	212	519 9222	76	558 7511	53	562 3918	142
519 3596	212	519 9301	302	558 7528	53	562 3925	142
519 3606	211	519 9318	302	558 7535	53	562 3932	142
519 3612	87	519 9342	299	558 7542	53	562 3960	140
519 3623	87	519 9349	302	558 7559	53	562 3967	140
519 3630	87	519 9356	299	559 0500	138	562 3974	140
519 3651	87	519 9363	299	559 0510	138	562 3981	141
519 3658	87	519 9370	299	559 0520	138	562 3988	141
519 3668	87	519 9387	299	559 0810	139	562 3995	140
519 3675	87	519 9411	356	561 3710	282	562 4003	125
519 3699	89	519 9460	212	562 0069	129	562 4010	125
519 3709	89	519 9470	212	562 0100	130	562 4027	124
519 3716	89	519 9480	212	562 0155	130	562 4034	124
519 3723	89	519 9490	212	562 0203	130	562 4041	124
519 3730	89	519 9500	212	562 0272	130	562 4072	124
519 3747	89	519 9510	212	562 0306	130	562 4076	125
519 3754	89	519 9550	200	562 0313	130	562 4089	124
519 3761	89	519 9550	202	562 0351	131	562 4096	124
519 3778	89	519 9560	200	562 0368	131	562 4100	125
519 3785	89	519 9560	202	562 0375	130	562 4106	127
519 3802	89	519 9560	203	562 0382	130	562 4113	127
519 3819	89	519 9950	233	562 1006	106	562 4120	127
519 3840	89	52417	354	562 1013	106	562 4142	127
519 3905	87	538 8090	39	562 1020	106	562 4151	123
519 3919	86	550 7412	84	562 1510	131	562 4158	123
519 3926	81	557 2076	96	562 2409	112	562 4209	127

Reference Number Index

Ref. No.	Page	Ref. No.	Page	Ref. No.	Page	Ref. No.	Page
562 4216	126	562 8140	133	563 7179	119	563 8326	128
562 4285	126	562 8147	133	563 7186	119	563 8333	128
562 4292	123	562 8154	133	563 7193	119	563 8340	128
562 4299	123	562 8161	133	563 7203	119	563 8996	120
562 4307	123	562 8168	132	563 7210	119	563 9006	120
562 4319	123	562 8195	135	563 7227	119	563 9020	120
562 4326	123	562 825 0	133	563 7234	119	563 9037	119
562 4340	127	562 830 8	133	563 7296	118	563 9067	120
562 4347	126	562 8301	133	563 7320	118	563 9074	122
562 4405	127	562 8308	133	563 7337	118	563 9081	122
562 4412	127	562 8315	134	563 7344	118	563 9109	122
562 4429	127	562 8322	133	563 7368	118	564 0000	64
562 4436	127	562 8339	133	563 7375	119	564 0007	64
562 4443	127	562 8346	134	563 7399	118	564 0014	64
562 4450	127	562 8360	132	563 7454	120	564 0021	64
562 4508	123	562 8367	134	563 7478	120	564 0028	64
562 4515	123	562 8377	132	563 7540	120	564 0035	64
562 4522	123	562 8384	132	563 7557	120	564 0042	64
562 4553	125	562 8391	134	563 7564	120	564 0049	64
562 4560	125	562 9503	128	563 7571	120	564 0056	64
562 4577	125	562 9510	128	563 7595	120	564 0063	64
562 4584	125	562 9527	128	563 7643	121	564 0070	64
562 5105	135	562 9541	128	563 7654	118	564 0077	64
562 5112	135	562 9558	128	563 7657	121	564 0915	63
562 5129	135	562 9806	115	563 7667	121	564 0922	63
562 5136	135	562 9813	115	563 7674	121	564 0939	63
562 5194	288	562 9820	106	563 7681	121	564 0946	63
562 5201	288	562 9827	106	563 7688	120	564 0953	63
562 5208	288	562 9834	106	563 7722	128	564 0984	63
562 5215	135	562 9841	106	563 7739	128	564 0991	63
562 5222	135	563 1900	11	563 7746	128	564 1000	63
562 5239	135	563 1907	11	563 7753	128	564 1017	63
562 5291	135	563 2140	109	563 7777	128	564 1024	63
562 6559	113	563 2150	109	563 7784	128	564 1127	62
562 6560	113	563 2160	109	563 7791	128	564 1155	64
562 6568	113	563 3652	111	563 7801	128	564 2212	64
562 6609	116	563 5030	131	563 7856	128	564 2229	64
562 6654	117	563 5047	116	563 7887	128	564 2700	62
562 6757	116	563 5054	131	563 7904	128	564 2748	62
562 6795	116	563 506 8	131	563 7980	120	564 2810	62
562 6915	117	563 5061	133	563 7980	121	564 2827	62
562 6939	117	563 5078	118	563 7988	120	564 2834	62
562 694 6	117	563 5099	130	563 7995	121	564 2858	62
562 6946	117	563 6242	131	563 8002	121	564 2865	62
562 6953	117	563 6249	131	563 8009	129	564 2872	62
562 7392	112	563 6376	116	563 8037	121	564 2889	62
562 7402	112	563 6400	116	563 8044	121	564 2896	62
562 7419	112	563 6417	115	563 8051	121	564 2906	62
562 7426	112	563 6503	121	563 8068	121	564 4007	64
562 7433	112	563 7007	131	563 8075	122	564 4014	63
562 7457	112	563 7014	119	563 8082	122	564 4021	63
562 7464	112	563 7021	121	563 8116	122	564 4045	63
562 7471	112	563 7045	294	563 8123	122	564 4052	64
562 7488	112	563 7052	294	563 8147	129	564 4069	63
562 7495	112	563 7059	294	563 8178	121	564 4148	63
562 8054	132	563 7090	119	563 8185	122	564 4148	64
562 8061	132	563 7100	119	563 8192	121	564 4155	63
562 8095	133	563 7117	119	563 8199	121	564 4179	63
562 8102	132	563 7124	119	563 8199	128	565 0943	158
562 8109	132	563 7131	119	563 8271	120	565 4468	158
562 8116	132	563 7148	119	563 8305	120	565 6011	145
562 8119	132	563 7155	119	563 8312	128	565 6018	145
562 8126	133	563 7162	119	563 8319	128	565 6050	151

Reference Number Index

Ref. No.	Page
565 6074	151
565 6095	150
565 6102	152
565 6109	151
565 6116	150
565 6130	153
565 6137	151
565 6151	152
565 6494	153
565 7000	145
565 7007	145
565 7014	145
565 7021	145
565 7028	145
565 7035	145
565 7042	145
565 7049	145
565 7056	145
565 7063	145
565 7070	146
565 7077	146
565 7084	146
565 7091	146
565 7098	146
565 7105	146
565 7112	146
565 7119	146
565 7126	146
565 7133	146
565 7140	146
565 7147	146
565 7154	146
565 7161	146
565 7168	146
565 7175	146
565 7182	146
565 7189	146
565 7196	146
565 7203	146
565 7210	146
565 7217	146
565 7224	146
565 7231	146
565 7238	146
565 7245	146
565 7252	146
565 7259	146
565 7266	146
565 7270	146
565 7277	148
565 7284	148
565 7291	148
565 7298	148
565 7305	148
565 7312	148
565 7319	148
565 7326	148
565 7333	149
565 7340	149
565 7347	149
565 7354	149
565 7361	149
565 7368	149

Ref. No.	Page
565 7375	149
565 7382	149
565 7389	150
565 7396	150
565 7403	150
565 7410	150
565 7417	150
565 7424	150
565 7431	149
565 7746	144
565 7753	144
565 7760	144
565 7767	144
565 7774	144
565 7781	144
565 7788	144
565 7795	144
565 7802	144
565 7809	144
565 7816	144
565 7823	144
565 7830	144
565 7837	144
565 7844	144
565 7851	144
565 7858	144
565 7865	144
565 7872	144
565 7879	144
565 7921	152
565 7928	151
565 8805	147
565 8812	147
565 8819	147
565 8826	147
565 8833	147
565 8840	147
565 8847	147
565 8854	147
565 8861	147
565 8868	147
565 8875	147
565 8882	147
565 8889	147
565 8896	147
565 8903	147
565 8910	147
565 8917	147
565 8924	147
565 8931	147
565 8938	147
565 8945	147
565 8952	147
565 9176	148
565 9183	148
565 9190	148
565 9197	148
565 9204	148
565 9211	148
565 9218	148
565 9239	150
565 9246	150
566 7050	152

Ref. No.	Page
566 8400	156
566 8410	156
566 8420	156
566 8430	156
566 8440	156
566 8450	156
566 8460	156
566 8470	156
566 8480	156
566 8490	156
566 8500	156
566 8510	156
566 8520	156
566 8530	156
566 8540	156
566 8550	156
566 8560	156
566 8570	157
566 8580	157
566 8590	157
566 8600	157
566 8671	149
566 8678	149
566 8685	149
566 8692	149
566 8699	149
566 8706	149
566 8713	149
566 8720	149
566 8727	149
566 8734	149
566 8741	150
566 8748	150
570 0010	197
570 0140	197
570 0140	204
570 0200	211
570 0990	244
570 1000	244
570 1200	202
570 1210	199
570 1210	202
570 1220	199
570 1220	202
570 9300	217
570 9320	217
570-004215	289
570-014215	289
570-015215	289
570-024215	289
571 5060	214
571 5077	214
571 5084	214
571 5091	216
572-012216	289
572-024216	289
581 1700	20
585 5652	67
589 1050	126
589 1051	126
589 1052	126
589 1053	126
589 1054	126

Ref. No.	Page
589 1056	126
59 58827	45
592 9967	181
592 9974	181
592 9981	181
592 9988	181
592 9995	181
593 0002	178
593 0009	163
593 0016	163
593 0023	163
593 0037	174
593 0037	178
593 0044	167
593 0044	167
593 0051	173
593 0058	162
593 0065	162
593 0072	168
593 0079	179
593 0086	162
593 0093	162
593 0100	162
593 0106	181
593 0113	181
593 0120	217
593 0144	174
593 0175	174
593 0182	175
593 0189	175
593 0195	178
593 0202	178
593 0209	177
593 0216	177
593 0223	177
593 0230	177
593 0247	177
593 025 4	178
593 0254	178
593 0261	178
593 0268	178
593 0278	177
593 0285	177
593 0292	177
593 0309	178
593 0316	178
593 0323	179
593 0337	178
593 0344	179
593 0351	178
593 0358	177
593 0365	177
593 0371	162
593 0371	163
593 0388	162
593 0388	217
593 0395	161
593 0397	168
593 0405	161
593 0412	161
593 0427	178
593 0443	160
593 0450	160

Reference Number Index

Ref. No.	Page	Ref. No.	Page	Ref. No.	Page	Ref. No.	Page
593 0467	160	595 0186	40	595 2827	348	595 4515	56
593 0498	160	595 0399	66	595 2841	364	595 4522	48
593 0508	165	595 0409	66	595 2848	359	595 4539	54
593 0508	217	595 0416	66	595 2855	359	595 4546	54
593 0515	165	595 0430	66	595 2862	359	595 4553	56
593 0539	165	595 0461	66	595 2869	359	595 4711	43
593 0546	167	595 0461	67	595 2876	360	595 4735	43
593 0546	167	595 0485	66	595 2883	360	595 4820	40
593 0553	166	595 0492	66	595 2890	72	595 4900	42
593 0577	164	595 0519	52	595 2897	349	595 4917	42
593 0577	204	595 0526	52	595 2904	364	595 4924	42
593 0591	164	595 0533	50	595 2911	354	595 4948	42
593 0618	40	595 0540	50	595 2918	348	595 4955	42
593 0618	168	595 0557	50	595 2925	353	595 4979	42
593 0618	217	595 0564	48	595 2932	358	595 4986	42
593 0625	40	595 0571	48	595 2939	358	595 499 3	42
593 0625	168	595 0588	46	595 2946	352	595 5019	42
593 0632	164	595 0595	46	595 2953	355	595 5507	49
593 0649	18	595 0605	46	595 2960	354	595 6025	53
593 0663	167	595 0629	47	595 2967	356	595 6032	53
593 0670	167	595 0650	47	595 2974	365	595 6087	53
593 0687	169	595 0667	47	595 2988	76	595 6104	52
593 0694	169	595 0674	50	595 3004	73	595 7938	49
593 0711	18	595 0681	47	595 3060	367	595 8126	56
593 0728	178	595 0722	48	595 3074	347	595 8298	40
593 0742	172	595 0739	44	595 3081	359	595 8308	40
593 0763	163	595 0746	44	595 3088	332	595 8346	40
593 0770	163	595 0801	54	595 3102	355	595 8353	40
593 0807	169	595 0801	341	595 3109	355	595 8360	40
593 0814	173	595 0815	342	595 3116	355	595 8360	168
593 1040	171	595 0822	342	595 3130	342	595 8360	204
593 1106	172	595 0829	341	595 3172	361	595 8528	57
593 1113	174	595 0843	341	595 3193	359	595 8793	45
593 1120	179	595 0911	66	595 3200	359	595 8810	45
593 1127	179	595 0928	66	595 3214	329	595 8834	45
593 1134	179	595 0928	67	595 3221	329	595 8841	45
593 1141	172	595 1020	55	595 3228	133	595 8858	45
593 1208	170	595 1044	55	595 3242	329	595 8865	45
593 1208	171	595 1123	55	595 4010	52	595 8872	44
593 1215	170	595 1147	55	595 4034	50	595 8896	44
593 1215	171	595 1154	55	595 4106	49	595 8913	44
593 1222	170	595 1264	66	595 4168	48	595 8920	44
593 1239	170	595 1271	66	595 4175	48	595 8937	27
593 1285	171	595 1305	67	595 4209	45	595 8944	27
593 1300	171	595 1355	66	595 4223	45	595 8951	44
593 1332	165	595 1374	67	595 4230	45	595 8968	44
593 1765	164	595 1381	67	595 4247	45	595 8975	45
593 1851	166	595 2012	54	595 4261	50	595 9003	43
593 1961	217	595 2050	54	595 4278	52	595 9017	45
593 2001	160	595 2057	54	595 4285	52	596 0121	49
593 2018	160	595 2067	54	595 4292	43	596 0190	46
593 2025	160	595 2074	54	595 4302	50	596 0200	46
593 2032	166	595 2088	54	595 432 6	43	596 0207	46
593 2063	160	595 2287	54	595 4326	45	596 0303	46
593 2520	243	595 2294	341	595 4357	43	596 1027	55
593 2670	170	595 2304	46	595 4364	43	596 1058	55
593 5541	168	595 2311	46	595 4371	43	596 5994	19
593 5640	204	595 2325	356	595 4405	47	596 6001	19
595 0069	56	595 2771	72	595 4412	47	596 6008	19
595 0076	48	595 2799	72	595 4429	47	596 6015	19
595 0083	48	595 2806	362	595 4481	43	596 6029	161
595 0100	50	595 2813	362	595 4498	43	596 6060	166
595 0117	46	595 2820	331	595 4508	40	596 6067	167

Reference Number Index

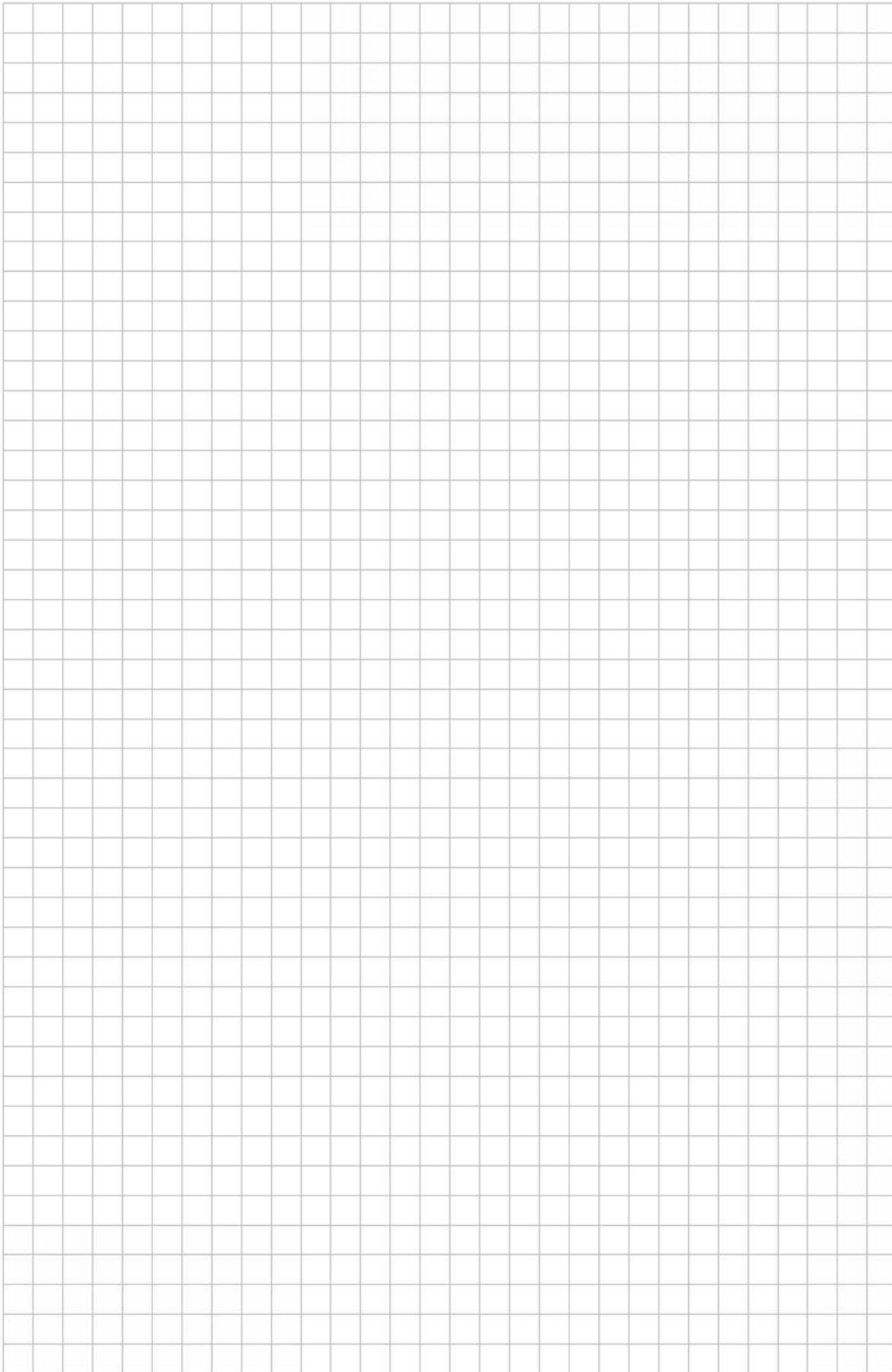
Ref. No.	Page	Ref. No.	Page	Ref. No.	Page	Ref. No.	Page
596 6077	167	705 6105	153	811 1166	67	870 0306	311
596 6081	164	714 2019	54	811 1173	67	870 0323	313
596 6094	19	750 2903	158	811 1180	67	870 0330	311
596 6098	166	750 2910	155	811 1197	67	870 0337	319
596 6105	19	750 2927	155	824 3041	56	870 0347	311
596 6117	19	750 2958	155	824 3058	56	870 0362	310
596 6124	19	750 2965	155	836 5592	56	870 0371	308
596 6149	166	750 2972	155	836 5599	56	870 0378	308
596 6159	166	750 2989	155	836 5606	56	870 0395	318
596 6166	166	750 3012	155	836 5620	56	870 0399	318
596 6173	19	750 3029	155	836 8153	55	870 0412	343
596 6180	167	750 3036	155	836 8160	55	870 0419	308
604-005000	290	750 3043	155	836 9011	342	870 0435	313
604-015000	290	750 3043	304	836 9018	342	870 0565	310
604-025000	290	750 3050	155	836 9134	341	870 0572	310
612 112 7	29	750 3050	304	836 9141	341	870 0579	310
612 1134	29	756 0110	299	836 9202	344	870 0586	310
612 115 8	29	756 0117	299	836 9216	344	870 0593	310
612 1151	29	801 1228	334	837 205-3	340	870 0600	310
612 116-1	29	801 1273	334	837 2060	340	870 0607	310
612 124 8	29	801 1280	334	837 2084	340	870 0625	314
612 125 8	29	801 1307	334	837 2091	340	870 0632	314
612 125-1	29	801 1321	334	837 2098	340	870 0639	310
612 171 3	29	801 1345	334	837 2101	340	870 0646	310
612 184 2	29	801 1352	334	837 2108	340	870 0653	310
612 185 5	29	801 1369	334	837 4422	340	870 0660	310
612 1855	29	801 1376	334	837 4446	340	870 0669	310
701 3810	90	801 1383	334	840 0035	335	870 0677	310
701 3812	90	801 1390	334	840 0097	335	870 0689	349
701 3813	90	801 1400	334	840 0114	335	870 0696	349
701 3814	90	801 1417	334	840 0406	70	870 0703	349
701 3815	90	801 1424	334	840 0413	70	870 0748	310
701 3816	90	801 1431	334	840 0420	70	870 0756	310
701 3817	90	801 1438	334	840 0437	70	870 0769	310
701 3819	90	801 1493	334	840 0444	70	870 0803	308
701 3822	90	801 1500	260	840 0451	70	870 0810	308
701 3824	90	801 1534	334	840 0482	70	870 0818	318
701 3825	89	801 155 8	334	870 0007	311	870 0835	308
705 258 7	153	801 1572	334	870 0010	314	870 0842	317
705 3105	154	801 1589	334	870 0017	314	870 0849	315
705 3115	154	801 1630	334	870 0024	314	870 0918	311
705 3115	154	801 1637	334	870 0038	315	870 0925	310
705 3122	154	801 2186	322	870 0045	317	870 0939	311
705 4190	154	801 2186	332	870 0052	319	870 0946	311
705 4200	154	801 2241	327	870 0110	315	870 0953	308
705 4217	154	801 2272	327	870 0117	313	870 0960	316
705 4224	154	801 2279	327	870 0124	313	870 0967	316
705 4231	154	801 2289	327	870 0131	311	870 0974	316
705 4248	154	801 2330	328	870 0138	316	870 0978	310
705 4255	154	801 2337	328	870 0145	316	870 0992	346
705 4286	154	801 2344	328	870 0151	293	870 0999	310
705 4451	154	801 2361	328	870 0158	293	870 1002	343
705 4468	154	801 2368	323	870 0168	293	870 1009	310
705 4475	154	801 2375	326	870 0175	293	870 1019	332
705 6002	153	801 2382	329	870 0182	316	870 1026	325
705 6019	153	801 2389	326	870 0189	316	870 1033	325
705 6026	153	801 2399	328	870 0233	311	870 1047	325
705 6040	153	801 2409	329	870 0237	308	870 1143	326
705 6057	153	801 2416	329	870 0243	308	870 1150	333
705 6064	153	801 2430	327	870 0250	319	870 1181	321
705 6071	153	801 2461	323	870 0264	317	870 1188	321
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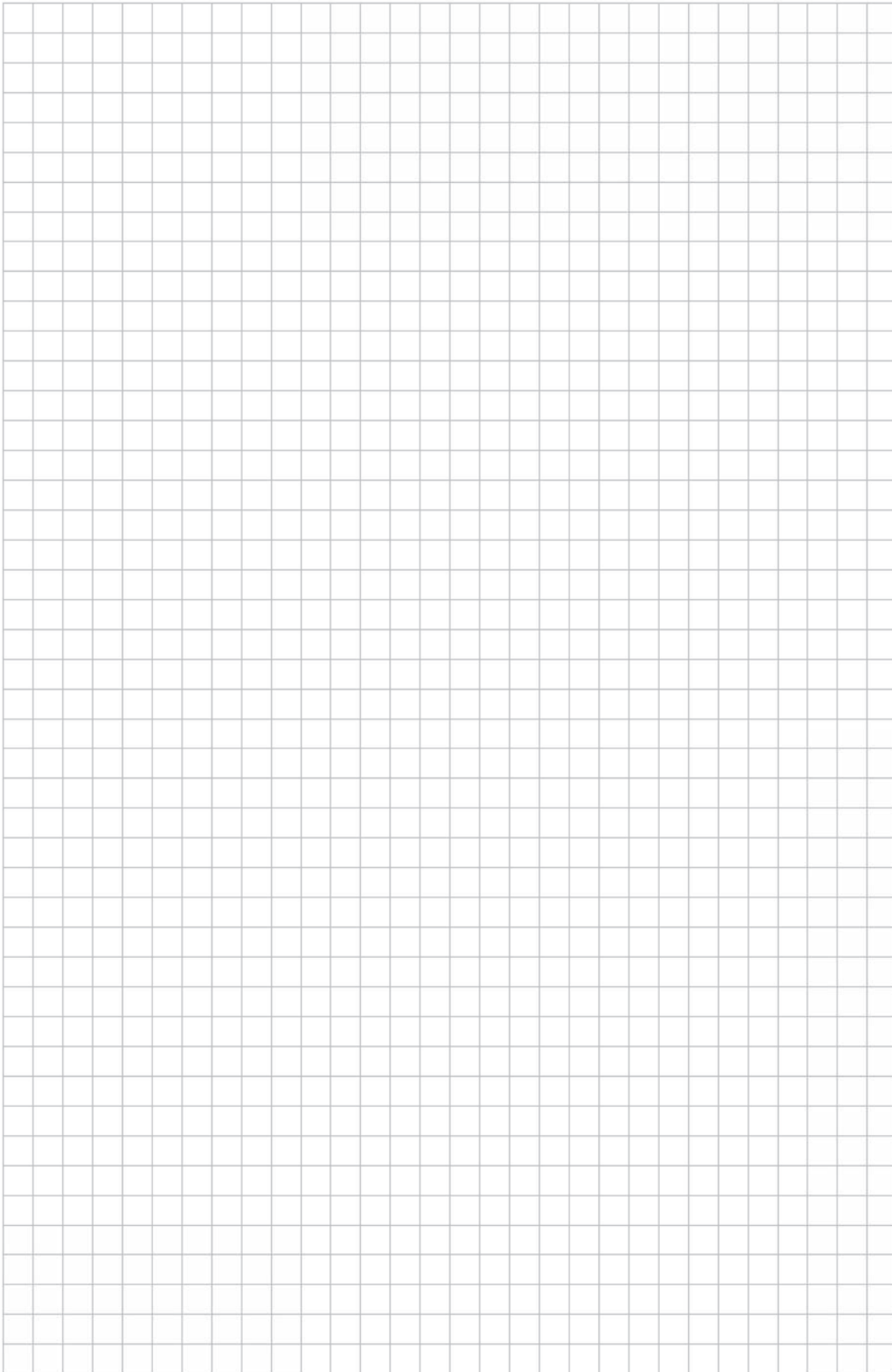
Reference Number Index

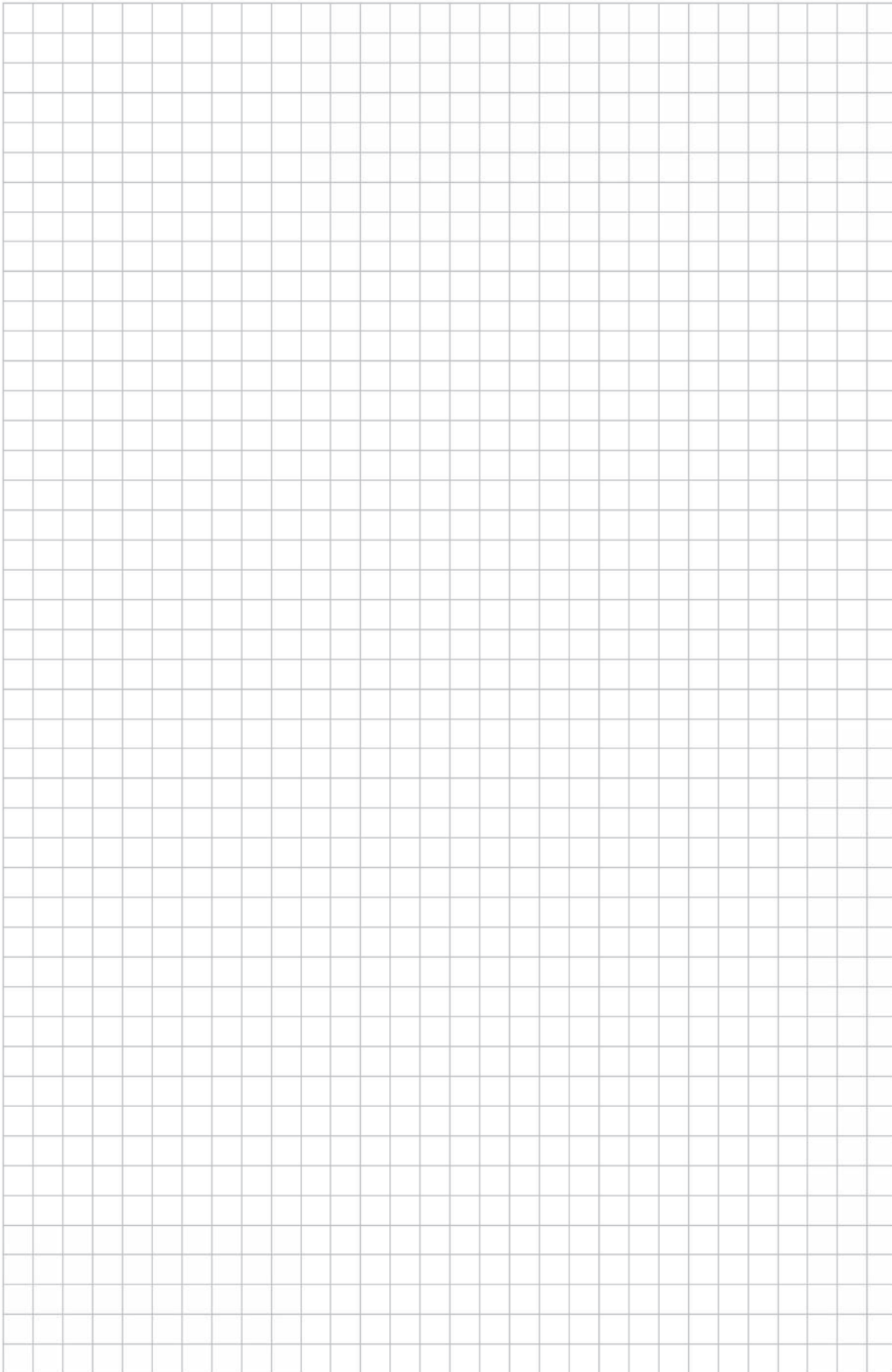
Ref. No.	Page	Ref. No.	Page	Ref. No.	Page	Ref. No.	Page
870 1253	326	870 2197	68	870 2895	248	870 3512	323
870 1291	325	870 2207	68	870 2898	71	870 3529	323
870 1301	326	870 2214	68	870 2915	68	870 3536	323
870 1318	326	870 2238	135	870 2922	246	870 3543	321
870 1325	326	870 2245	302	870 2939	246	870 3550	321
870 1332	326	870 2283	68	870 2946	246	870 3567	321
870 1569	329	870 2290	68	870 2953	71	870 3574	321
870 1576	324	870 2300	68	870 2960	71	870 3581	321
870 1583	324	870 2307	69	870 2967	247	870 3598	321
870 1590	325	870 2312	314	870 2970	88	870 3615	246
870 1597	325	870 2317	69	870 2984	69	870 3622	328
870 1600	324	870 2324	68	870 2991	69	870 3633	322
870 1617	324	870 2331	68	870 3000	88	870 3637	249
870 1624	326	870 2348	69	870 3017	88	870 3640	322
870 1631	325	870 2355	71	870 3024	88	870 3647	322
870 1648	325	870 2379	343	870 3031	88	870 3653	322
870 1655	324	870 2386	303	870 3048	88	870 3660	322
870 1662	325	870 2393	69	870 3055	88	870 3667	322
870 1669	325	870 2403	57	870 3062	88	870 3677	321
870 1679	324	870 2410	258	870 3079	88	870 3691	321
870 1686	329	870 2427	258	870 3086	88	870 3701	323
870 1693	336	870 2434	258	870 3093	88	870 3705	323
870 1710	324	870 2441	257	870 3103	88	870 3715	322
870 1727	324	870 2448	257	870 3110	246	870 3725	322
870 1734	324	870 2455	257	870 3127	246	870 3732	321
870 1741	325	870 2462	250	870 3158	77	870 3739	322
870 1741	326	870 2492	260	870 316 5	88	870 3749	322
870 1758	326	870 2499	247	870 3165	88	870 3770	329
870 1765	325	870 2520	258	870 3172	88	870 3787	321
870 1772	336	870 2537	258	870 3185	88	870 3794	322
870 1785	333	870 2544	69	870 3196	88	870 3835	259
870 1789	326	870 2551	323	870 3206	340	870 3842	258
870 1803	327	870 2582	328	870 3213	340	870 3849	259
870 1810	336	870 2599	321	870 3237	88	870 3859	249
870 1838	308	870 2616	315	870 3244	88	870 3866	257
870 1845	308	870 2623	257	870 3251	68	870 3873	258
870 1909	326	870 2647	246	870 3268	68	870 3880	258
870 1916	295	870 2654	323	870 3275	88	870 3930	322
870 1923	295	870 2685	88	870 3292	340	870 3937	321
870 1930	295	870 2692	88	870 3299	340	870 3969	295
870 1947	292	870 2702	88	870 3316	259	870 3976	295
870 1954	292	870 2719	246	870 3323	259	870 3983	295
870 1961	324	870 2733	336	870 3340	253	870 3990	322
870 1968	292	870 2740	88	870 3382	255	870 4000	310
870 1975	292	870 2754	88	870 3387	248	870 4037	325
870 1978	325	870 2757	68	870 3399	253	870 4047	324
870 1990	324	870 2795	68	870 3412	257	870 4054	321
870 2024	324	870 2807	69	870 3413	89	870 4078	323
870 2031	324	870 2812	88	870 3414	89	870 4085	325
870 2038	325	870 2829	324	870 3416	89	870 4092	323
870 2049	324	870 2843	351	870 3419	89	870 4094	325
870 2056	325	870 2850	246	870 3420	257	870 4099	321
870 2063	325	870 2860	250	870 3422	89	870 4106	321
870 2070	325	870 2867	246	870 3425	257	870 4113	321
870 2075	324	870 2874	351	870 3427	257	870 4119	322
870 2087	325	870 2881	249	870 3433	257	870 4126	322
870 2094	325	870 2882	249	870 3440	257	870 4133	325
870 2128	335	870 2883	249	870 3447	257	870 4140	325
870 2135	335	870 2884	249	870 3454	257	870 4147	325
870 2142	69	870 2885	249	870 3471	323	870 4157	322
870 2159	69	870 2886	249	870 3488	322	870 4164	322
870 2166	68	870 2888	247	870 3495	321	870 4171	325
870 2180	69	870 2891	249	870 3505	323	870 4188	323

Reference Number Index

Ref. No.	Page	Ref. No.	Page	Ref. No.	Page	Ref. No.	Page
870 4205	322	870 4633R	337	875 9032	180	Hose-006	291
870 4229	288	870 4633Y	337	875 9039	180	Hose-007	291
870 4236	249	870 4634Y	337	875 9046	180	Hose-008	291
870 4243	246	870 4636Y	337	875 9053	180	Hose-009	291
870 4257	323	870 4638R	337	875 9060	180	Hose-010	291
870 4264	323	870 4638Y	337	875 9067	180	HXLO	256
870 4298	326	870 4641Y	337	875 9074	180	KL-0126-33	368
870 4308	322	870 4672G	338	875 9081	180	KL-0181-1	349
870 4315	322	870 4672Y	338	875 9088	180	KL0055	361
870 4322	322	870 4686G	338	875 9095	180	KL01002	332
870 4330	323	870 4686Y	338	875 9119	180	KL15902	361
870 4353	325	870 4688	339	875 9126	180	LED28	72
870 4360	322	870 4695	339	875 9126M	180	MCT7580	367
870 4370	323	870 4707Y	338	875 9126S	180	MDT7590	367
870 4384	324	870 4714Y	338	875 9127	180	MIS7740	367
870 4391	322	870 4727Y	338	875 9134	180	MNB7600	367
870 4417	325	870 4732Y	338	875 9140	180	MPS7570	367
870 4426	323	870 4733Y	338	875 9174	176	MRW7585	367
870 4432	325	870 4859	338	875 9181	176	MTP1100	367
870 4449	325	870 4920Y	338	875 9188	178	MTT7510	367
870 4463	335	870 4927Y	338	875 9195	178	MVA7575	367
870 4470	324	870 4932	339	875 9202	180	N21A02	306
870 4477	324	870 4978	260	875 9236	45	ODS6240	367
870 4487	322	870 4985	176	875 9339	80	PS983	363
870 4494	323	870 4992	78	875 9346	80	RT-10	57
870 4504	323	870 4999	248	893 0000	174	STM1855	368
870 4511	324	870 5054	351	893 0000	174	TEMA1	74
870 4518	324	870 5061	351	893 0014	174	TEMA1A	74
870 4525	324	870 5067	351	893 0021	174	TSCL	90
870 4528	322	870 5068	351	893 0028	174	TSP	91
870 4535	322	870 5075	351	893 0035	174	UPF 252	263
870 4566	324	870 5077	351	893 0042	174	VS0271	358
870 4573	324	870 5085	340	893 0049	174	VS820	356
870 4580	323	870 5092	340	999 9435	174	W6017	263
870 4589	338	870 5099	351	999 9442	169	W6019	263
870 4596	338	870 5118	65	999 9459	174	WDT6070	368
870 4603	338	870 5125	65	999 9497	174	WMLC	263
870 4610	338	870 5132	65	999 9511	174	Y454000	253
870 4617Y	337	870 5147	65	999 9532	174		
870 4618Y	337	870 5154	65	Adapt-001	290		
870 4619R	337	870 5167	65	AK382	361		
870 4619Y	337	870 5195	351	AK658	360		
870 4621R	337	870 5226	254	AK683	330		
870 4621Y	337	870 5233	254	AK713	363		
870 4622Y	337	870 5240	254	AT180	357		
870 4623Y	337	870 9782	367	AT330	357		
870 4624R	337	870 9797	367	BED4801	73		
870 4624Y	337	870 9811	308	BU5974	70		
870 4625Y	337	870 9825	311	CAT1099	368		
870 4626R	337	871 0000	343	CONE001	176		
870 4626Y	337	871 0007	330	CWC8	260		
870 4627R	337	871 0014	350	GT4532	253		
870 4627Y	337	871 0021	347	H3	256		
870 4628R	337	871 0028	331	HA5	293		
870 4628Y	337	871 0035	330	HA6	293		
870 4629R	337	871 0042	53	HA7	293		
870 4629Y	337	871 0049	362	HBN3	256		
870 4630R	337	871 0056	361	HBNXLO	256		
870 4630Y	337	873 4505	175	Hose-001	291		
870 4631R	337	873 4512	176	Hose-002	291		
870 4631Y	337	873 4519	175	Hose-003	291		
870 4632R	337	873 4526	175	Hose-004	291		
870 4632Y	337	873 4533	176	Hose-005	291		







Terms and Conditions for Sales, Delivery and Payment

1. DEFINITIONS

1.1 "Seller" means Rema Tip Top Automotive UK Limited (Company Number 756475) in relation to the sale of automotive Goods and Services and Rema Tip Top Industry UK Limited (Company Number 01176719) in relation to the sale of industrial Goods and Services.

"The Buyer" means the person firm or company to be supplied with the Goods or Services by the Seller.

"Goods" means the Goods or materials supplied pursuant to the Contract.

"Services" means the works undertaken in accordance with the Contract.

The "Contract" means the contract for sale of the Goods and Services made between the Seller and the Buyer to which these conditions apply.

2. SCOPE

2.1 These Conditions shall apply to all contracts for the sale of Goods or Services by the Seller to the Buyer to the exclusion of all other terms and conditions including any terms or conditions which the Buyer may purport to apply in any purchase order confirmation of order or in correspondence or elsewhere or implied by trade custom or practice.

2.2 All orders for Goods or Services shall be deemed to be an offer by the Buyer to purchase Goods or Services pursuant to these conditions.

2.3 Acceptance of delivery of the Goods or Services shall be deemed conclusive evidence of the Buyer's acceptance of these conditions.

2.4 Any variation to these conditions (including any special terms and conditions agreed between the parties) shall be inapplicable unless agreed in writing by a Director of the Seller.

3. QUOTATIONS

A quotation or tender by the Seller does not constitute an offer and the Seller reserves the right to withdraw or amend the same at any time prior to the Seller's acceptance of the Buyer's order.

4. FORMATION OF CONTRACT

No contract shall come into effect until the Seller acknowledges the order to the Buyer on its official order or acknowledgement form duly signed on behalf of the Seller.

5. PRICE AND PAYMENT

5.1 The Price of the Goods and Services shall be the Seller's quoted price which shall be binding on the Seller provided that the Buyer shall accept the Seller's quotation within 60 days unless otherwise agreed in writing by a director or Business Centre Manager of the Seller. The Seller may by giving notice to the Buyer at any time increase the price of the Goods and Services to reflect any increase in the cost to the Seller which is due to factors which are beyond the reasonable control of the Seller (including, without limitation, foreign exchange fluctuations, taxes and duties and the cost of labour, materials and other manufacturing costs).

5.2 Unless otherwise stated, the price is exclusive of VAT which shall be due at the rate ruling on the date of the VAT invoice rendered by the Seller to the Buyer.

5.3 The Buyer is not entitled to set off against the price (including any applicable VAT payable) amounts due from the Seller whether under the applicable contract of sale or otherwise.

5.4 Unless otherwise agreed in writing by a director or a Business Centre Manager of the Seller, payment for the Goods or for any Services and VAT should be made by the Buyer to the Seller net cash within 30 days of the date of the invoice or within 30 days of either the Seller notifying the Buyer that the goods are ready for collection or the date of delivery to the Buyer and all the Services are completed notwithstanding the fact that the property in the goods has not passed from the Seller to the Buyer.

5.5 Time for payment shall be of the essence of this agreement as regards any time, date or period mentioned in this agreement or subsequently substituted, as a time, date or period by agreement in writing between the parties.

5.6 In the event of default in payment by the Buyer, the Seller shall be entitled to:

5.6.1 charge interest on overdue invoices from the date when payment becomes due from day to day until the date of payment pursuant to the Late Payment of Commercial Debts (Interest) Act 1998 at 8% above base and shall accrue at such a rate after as well as before any Judgment.

5.6.2 to suspend all further delivery of Goods or provisions of Services by the Seller to the Buyer under this contract or otherwise. 5.6.3 to serve notice on the Buyer requiring immediate payment for all Goods and Services supplied by the Seller under this contract or otherwise whether or not payment is otherwise due or invoiced.

5.6.4 recover from the Buyer any costs, legal or otherwise, incurred by the Seller in respect of recovering any outstanding monies due from the Buyer to the Seller.

5.7 If it reasonably appears to the Seller that the Buyer may be unable to pay its debts, the Seller will be entitled to demand security for payment of the contract price prior to delivery of the Goods and Services either by payment in cash or by a bank guarantee.

6. DELIVERY

6.1 The Seller shall arrange for carriage of the Goods to the Buyer's address. The cost of carriage and any insurance which the Buyer reasonably directs the Seller to incur shall be reimbursed by the Buyer without any setoff or other withholding whatever and shall be due on the date for payment of the price. The carrier shall be deemed to be the Buyer's agent.

6.2 The Seller may deliver the Goods by separate instalments. Each separate instalment shall be invoiced and paid for in accordance with these conditions.

6.3 The failure of the Seller to deliver or the failure of the Buyer to pay for any one or more of the said instalments of the Goods on the due dates shall not entitle either party to treat this contract as repudiated.

6.4 The Seller shall not be liable for any loss or damage whatever due to failure by the Seller to deliver the Goods (or any of them) promptly or at all. Time for delivery is given as accurately as possible but is not guaranteed.

6.5 If the Buyer refuses or fails to take delivery of goods tendered in accordance with these conditions the Seller shall be entitled to an immediate payment in full for the Goods so tendered. The Seller shall be entitled to store at the risk of the Buyer any Goods which the Buyer refuses or of which it fails to take delivery and the Buyer shall in addition to the price pay all costs of such storage and any additional costs incurred as a result of such refusal or failure. Refusal by the Buyer to take delivery will relieve the Seller from the obligation to make further deliveries without prejudice to the Seller's right to recover damages for such refusal. The Seller shall be entitled after the expiration of 28 days from the date on which the price became payable to dispose of the goods in such manner as the Seller may determine. 6.6 The Goods shall unless delivered by the Seller's own transport or by a carrier on behalf of the Seller be deemed to have been delivered and the risk therein to have passed to the Buyer upon their transfer to a carrier named by the Buyer or two days after the Seller notifies the Buyer that the Goods are available for collection whichever is the earlier.

7. TITLE

7.1 The Goods shall be at the Buyer's risk as from delivery.

7.2 In spite of delivery having been made, property in the Goods shall not pass from the Seller to the Buyer until:

7.2.1 the Buyer shall have paid the price plus VAT in full; and

7.2.2 no other sums whatever shall be due from the Buyer to the Seller.

7.3 Until property in the Goods passes to the Buyer in accordance with clause 7.2, the Buyer shall hold the Goods (and each of them) on a fiduciary basis as bailee for the Seller. The Buyer shall store the Goods (at no cost to the Seller) separately from all other Goods in its possession and be marked in such a way that they are clearly identified as the property of the Seller.

7.4 Notwithstanding that the Goods (or any of them) remain the property of the Seller the Buyer may sell or use the Goods in the ordinary course of the Buyer's business at full market value for the account of the Seller. Any such sale or dealing shall be a sale or use of the Seller's property by the Buyer on the Buyer's own behalf and the Buyer shall deal as principal when making such sales or dealings. Until property in the Goods passes from the Seller the entire proceeds of sale or otherwise of the Goods shall be held in trust for the Seller and shall not be mixed with other money or paid into any overdrawn bank account and shall be at all material times identified as the Seller's money.

7.5 The Seller shall be entitled to recover the price plus VAT notwithstanding that property in any of the goods has not passed from the Seller.

7.6 Until such time as property in the Goods passes from the Seller the Buyer shall upon request deliver up such of the goods that have not ceased to be in existence or resold to the Seller. If the Buyer fails to do so, the Seller may enter any premises

owned, occupied or controlled by the Buyer where the goods are situated and repossess the goods. On the making of such request the rights of the Buyer under clause 7.4 shall cease.

7.7 The Buyer shall not pledge or in any way charge by way of security for any indebtedness any of the Goods which are the property of the Seller. Without prejudice to the other rights of the Seller, if the Buyer does so all sums whatever owing by the Buyer to the Seller shall forthwith become due and payable.

7.8 The Buyer shall insure and keep insured the Goods to the full price against "all risks" to the reasonable satisfaction of the Seller until the dates that property in the goods passes from the Seller and shall whenever requested by the Seller produce a copy of the policy of insurance. Without prejudice to the other rights of the Seller, if the Buyer fails to do so all sums whatever owing by the Buyer to the Seller shall forthwith become due and payable.

8. EXPORT SALES

In the case of export sales the price of the Goods and Services shall if required by the Seller be secured by an irrevocable Letter of Credit satisfactory to the Seller established by the Buyer in favour of the Seller immediately upon receipt of the Seller's acknowledgement of order and confirmed by a United Kingdom bank acceptable to the Seller. The Letter of Credit shall be for the full contract price inclusive of any tax or duty payable by the Purchaser and the Seller shall be entitled to payment on presentation to such United Kingdom bank of the documents specified by the Seller on the acknowledgement of order.

9. SOURCE OF INFORMATION

9.1 Technical advice data or information given by the Seller its employees or agents in respect of the Goods and Services is made in good faith on the basis of test data and field experience and is provided for general advice only. No such information advice or data shall form any part of the Contract save where specifically agreed in writing by a director or Business Centre Manager of the Seller.

9.2 The Purchaser shall be solely responsible for ensuring that all drawings, information, advice and recommendations given to the Seller, either directly or indirectly by the Purchaser or by the Purchaser's agents, employees, consultants or advisers is accurate, correct and suitable. Examination or consideration by the Seller of such drawings, information, advice or recommendations shall in no way limit the Purchaser's responsibility hereunder unless the Seller specifically agrees in writing to accept responsibility.

9.3 Material specifications, designs, calculations and any other information or documentation produced by the Seller which are expressed to be given on a confidential basis are returnable on demand, and shall not be expressed to a third party without the Seller's written consents and, unless otherwise agreed in writing, title to such material specification, designs, calculations and other information or documentation (whether or not it is expressed to be given on a conditional basis) and any copyright or design right therein, any rights to apply for registered design in respect thereof and any other intellectual property rights therein shall at all times remain the property of the Seller.

10. WARRANTIES AND LIABILITIES

10.1 Subject to the conditions of sale set out at paragraphs 10.2. to 10.6 below the Seller warrants that the goods supplied pursuant to the Contract will correspond with any applicable manufacturer's specifications at the time of delivery.

10.2 The following provisions set out the Seller's entire liability (including any liability for the acts and omissions of its servants, employees, or agents) to the Buyer in respect of:-

10.2.1 any breach of its contractual obligations arising under all contracts for the Sale of Goods or Services; and

10.2.2 any representation statement or tortious act or omission including negligence arising under all contracts for the sale of Goods or Services.

10.3 The Seller shall not be liable to the Buyer for:

10.3.1 any defects in the Goods or Services caused by any act neglect or default of the Buyer, 10.3.2 any discrepancy in quality quantity or weight of Goods or materials delivered unless the Buyer notified the Seller of the same within 5 working days of receipt of the Goods;

10.3.3 any loss or damage to Goods whilst in transit unless the Goods are delivered by the Seller or by a carrier on behalf of the Seller and the Buyer notifies the Seller within 5 working days of receipt of the Goods.

10.3.4 any other defects in the Goods

10.4 In the event of any damage or defect or non-delivery of goods in relation to which the Seller accepts liability the Seller may at its option make good any damage or defect or non-delivery

Terms and Conditions for Sales, Delivery and Payment

livery or alternatively replace or repair any Goods which are damaged or defective or repay the price paid for the Goods by the Buyer.

10.5 Under no circumstances shall any liability of the Seller to the Buyer exceed the cost of the defective damaged or undelivered Goods or Services as determined by the price invoiced by the Seller to the Buyer.

10.6 Except in respect of death or personal injury caused by the Seller's negligence the liability of the Seller as provided at clause 10.4 above shall be the extent of all liability to the Buyer whether contractual tortious or otherwise for defective damaged or undelivered Goods or Services or for any loss or damage caused directly or indirectly by such Goods or Services.

10.7 The Buyer acknowledges that the limitations and exclusions of liability provided hereunder are reasonable in all the circumstances.

11. INSOLVENCY

11.1 This condition applies if the Buyer has a Bankruptcy Order made against him or makes an arrangement with his creditors or, being a company, has a Receiver, Liquidator, Administrator, Supervisor or Administrative Receiver appointed over its property or assets or any part of them or if any Order shall be made or any resolution passed for winding up the Buyer, or the Buyer ceases or threatens to cease to carry on business or the Seller reasonably considers that any of the events mentioned above will occur.

11.2 If this condition applies then the Seller may, without prejudice to its other rights or remedies, demand immediate payment by the Buyer of all unpaid accounts and suspend further supply and cancel this and any other contract between the Seller and the Buyer without any liability attaching to the Seller in respect of such suspension or cancellation and debit the Buyer with any loss sustained thereby.

11.3 If this condition applies and no payment is made pursuant to Clause 11.2 then the Seller may, without prejudice to its other rights or remedies, immediately enter upon any premises owned, occupied or controlled by the Buyer where the Goods are situated and repossess the Goods.

12. FORCE MAJEURE

The Seller shall not be liable to the Buyer for any loss or damage which may be suffered by the Buyer as a direct or indirect result of the supply of the Goods and Services by the Seller being prevented hindered or rendered uneconomic by reason of any force majeure event. A "force majeure event" shall mean any Act of God, riot, strike, lock out, trade dispute, civil war, rebellion, confiscation, nationalisation or any other circumstances whatsoever that are outside the reasonable control of the Seller affecting the provision of the Goods and Services by the Seller.

13. WAIVER

The waiver by either party of a breach or a default of any of the provisions of this contract by the other party shall not be construed as a waiver of any succeeding breach of the same or other provisions nor shall any delay or omission on the part of either party to exercise or avail itself of any right power or privilege that it has or may have hereunder operate as a waiver of any breach or default by the other party.

14. NOTICES

Any notice to be given hereunder shall be delivered or sent by first class post or facsimile transmission to the address or to the facsimile number of the other party and any such notice shall be deemed to have been served (if delivered) at the time of delivery (if sent by post) from the expiration of 48 hours after posting and (if sent by facsimile transmission) from the expiration of 12 hours after dispatch.

15. INVALIDITY AND SEVERABILITY

If any of these terms shall be found by any Court or administrative body of competent jurisdiction to be invalid or unenforceable the invalidity or unenforceability of such provision shall not affect the other provisions of this contract and all provisions not affected by such invalidity or unenforceability shall remain in full force and effect.

16. HEADINGS

Headings to clauses in this contract are for the purpose of information and identification only and shall not be construed as forming part of the contract.

17. LAW

This contract shall in all respects be governed and construed and interpreted in accordance with the Laws of England and Wales and the parties hereby submit to the jurisdiction of the English Courts as regard to any claim or matter arising hereunder.

REMA TIP TOP – Automotive Catalogue 2013/2014

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Attention:

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