



Taking Care of Your Tires.

Tire Repair Materials Product Catalog



PREMA Products, Inc. (PREMA) was founded in the United States in 2003 to serve the tire repair industry worldwide with state-of-the-art soft gum tire repairs.

PREMA products are tested under extreme conditions in laboratories and field tests to assure consistent quality at the highest possible levels.

PREMA products are produced in modern facilities according to **PREMA Products, Inc.** formulations and specifications.

The **PREMA** repair process development began when it became evident that there is a great need for leading edge design and technology. The result is the **PREMATAACK Tire Repair System** - a process that combines a unique, soft, high-tack bonding gum with Ultra Fast Dry Vulcanizing Cement. Repairs can be completed faster in both hot and cold cure applications, saving **PREMA** customers money! **PREMATAACK Tire Repair System - the new standard of performance.**

PREMA - Taking care of your tires.

INDEX

Product Shelf Life	3
Tube Repairs	3
Universal Tire Repairs	3
Stems	4
Combi Units	4
Bias Radial Nail Hole Repair Chart	4
Emergency Inserts	5
Insert Tools	5
Kits & Cabinets	5, 6 & 7
Radial Repairs - Passenger and Truck	8
Radial Repairs - Agricultural	8
Radial Repair Charts	9, 10
Bias Repairs - Passenger and Truck	11
Bias Repairs - Agricultural	11
Bias Repair Charts	12
PREMA HC Repair Units, Cements & Liner Sealer	13
PREMA HC Repair Units Radial Application Charts	14
Vulcanizing Cements	15
MAX-WELL Products	16
Tire Repair Tools	17, 18
Spreaders	18, 19
Extruders	19
Tire Pressure Gauges	19
Tire Mounting and Demounting Products	20
Passenger, Light Truck, Enkei Style Valves	21
Clamp-In Brass Truck Valves	21
Metric Clamp-In Valves	22
Aluminum Wheel Truck Valves	22
Agricultural/OTR Clamp-In Valves	22
Valve Cross Reference	23
PREMA TPMS Solutions	24-27

The sole intent of this catalog is to aid **PREMA** Distributors and their customers in the resale of automotive related parts. This catalog, or any part thereof, may not be reproduced in any form without written consent from **PREMA PRODUCTS, INC.**

PREMA and the "PREMA Logo" are marks of **PREMA PRODUCTS, INC.** The products in this catalog are manufactured for distributors of **PREMA PRODUCTS, INC.** and their customers.

All Charts in this catalog reflect International Repair Standards, determined on the basis of practical experience, bench checks and laboratory tests. **THEY NEITHER INCORPORATE NOR ARE INTENDED AS A REFERENCE TO LOCAL, STATE, OR NATIONAL STANDARDS THAT MAY EXIST IN YOUR COMMUNITY.** Stay within the limitation for repairable injuries indicated by the charts. When repairing a tire, it is imperative that a complete inspection be conducted to ensure that the tire is fit to be repaired and safely returned to service. Always follow proper repair procedures as illustrated in the appropriate repair manual. No tire can be safely repaired without demounting it from the rim, giving it a complete inspection and properly repairing the injury with the appropriate inside repair unit and filler material. Always consult the tire manufacturer for the repair limits.

PREMA PRODUCTS, INC. is not responsible for inadvertent typographical errors or omissions.

WARNING: Use of products in this catalog contrary to specifications and directions may result in personal injury and/or property damage.



PRODUCT SHELF LIFE

PREMA Products, Inc. warrants each product from the Date of Manufacture as follows:

PREMA Grey, High-Tack Bonding Gum Repair Units, Cements & Chemicals – 24 months, except **PLOS-16 Innerliner Overbuff Sealant** – 12 months.

PREMA Heat Cure Repair Units – 24 months.

PREMA Heat Cure Cements & Liner Sealer – 12 months.

This warranty is conditional, dependent on storage of all materials in a proper manner.

All **PREMA Tire Repairs Materials** (Repair Units & Chemicals) must be stored in a cool, dry place. They should never be exposed to direct sunlight. NEVER store products near heat sources and/or open flames (i.e. – in a closet near a hot water heater, next to a shop heater, etc.)

North American and International Packaging may vary. All repair sizes are approximate. The photographs in this Catalog do not always depict actual products.

If any questions arise concerning the proper storage or usability of any **PREMA** products, please contact your **PREMA** representative or **PREMA** Customer Service at the following numbers:

USA – 800-657-7362 (Toll Free) or 770-234-4119 (FAX)

Tube Repairs and Replacement Valves

PREMA Tube Repairs are manufactured with soft **PREMATACK** cushion gum rubber that provides maximum green tack. Use a repair at least ½ inch (12 mm) larger than the injury on each side. Install with **PREMA Ultra Fast dry Vulcanizing Cement**. NOTE: “Button-hole” the injury prior to repairing to prevent the injury from continuing to grow.

SKU #	Part #	Description	L (in.)	W (in.)	L (mm)	W (mm)	Qty/Unit
2001020	PT-2	Small Round Repair	1¾	---	44	---	40
2001029	PT-2T	Small Round Repair	1¾	---	44	---	160 (tub)
2001030	PT-3	Medium Round Repair	2¼	---	57	---	40
2001039	PT-3T	Medium Round Repair	2¼	---	57	---	100 (tub)
2001040	PT-4	Large Round Repair	3	---	76	---	25
2001049	PT-4T	Large Round Repair	3	---	76	---	75 (tub)
2001050	PT-5	Maxi Round Repair	4½	---	114	---	10
2001060	PT-6	Giant Round Repair	5	---	127	---	10
2001070	PT-7	Small Oval Repair	3	1½	76	38	25



Universal Bias/ Radial Repairs

PREMA Universal Tire Repairs are designed for repairing NAILHOLE injuries in tubeless Bias & Radial tires in the CROWN area only. These repairs are available in either round or square versions. Install with **PREMA Ultra Fast Dry Vulcanizing Cement**. Always fill the injury channel with the appropriate PREMA repair material.

SKU #	Part #	Description	L (in.)	W (in.)	L (mm)	W (mm)	Diameter (in.)	Diameter (mm)	Qty/Unit
2005010	PUR-1	Universal Rd. 1	---	---	---	---	1¼	32	100
2005020	PUR-2	Universal Rd. 2	---	---	---	---	2	55	50
2005030	PUR-3	Universal Rd. 3	---	---	---	---	3	75	50
2005520	PUS-2	Universal Sq. 2	1¾	1¾	45	45	---	---	100
2005530	PUS-3	Universal Sq. 3	2¼	2¼	60	60	---	---	100
2005536	PUS-3 Bulk	Universal Sq. 3	2¼	2¼	60	60	---	---	1000
102005540	PUS-4	Universal Sq. 4	3	3	76	76	---	---	50





Stems

NOTE: The PREMA Stems should be used when the angle of the injury is GREATER THAN 25°. Repair with the appropriate two-piece stem and repair unit.

SKU #	Part #	Description	Cutter to be used	Injury Size (in.)	Injury Size (mm)	Qty/Box
2006520	PCS-2	Stem 2 with Guide Wire	CC-6	1/4	6	20
2006530	PCS-3	Stem 3 with Guide Wire	CC-8	5/16	8	20
2006540	PCS-4	Stem 4 with Guide Wire	CC-10	3/8	10	20



Combi Units

PREMA Combi Repairs can be used for crown injuries only. Prepare the injury using the appropriate **PREMA Carbide Cutter**. The **PREMA Combi Repair** features a fully cushion wrapped stem with guide wire. This unit seals the injury and repairs the innerliner all in one easy step. Install with **PREMA Ultra Fast Dry Vulcanizing Cement**.

NOTE: The PREMA Combi may only be used when the angle of the injury is LESS THAN 25°. If the injury angle is GREATER THAN 25°, repair with the appropriate two-piece stem and repair unit.

SKU #	Part #	Description	Cutter to be used	Injury Size (in.)	Injury Size (mm)	Qty/Box
2006010	PC-1	Combi 1	CC-3	1/8	3	40
2006029	PC-2	Combi 2	CC-6	1/4	6	15
2006020	PC-2J	Combi 2 Jumbo	CC-6	1/4	6	40
2006039	PC-3	Combi 3	CC-8	5/16	8	10
2006030	PC-3J	Combi 3 Jumbo	CC-8	5/16	8	20
2006040	PC-4	Combi 4	CC-10	3/8	10	10



Bias Radial Nail Hole Repair Chart Crown Area Only				1-PIECE REPAIR (Injury Angle < 25 degrees) COMBI WITH PILOT WIRE (RADIAL/BIAS)	2-PIECE REPAIR (Injury Angle > 25 degrees)			
TIRE TYPE	INJURY SIZE	INJURY SIZE	CARBIDE CUTTER		STEM	PATCH		
					STEM UNIT WITH PILOT WIRE	UNIVERSAL REPAIR (RADIAL/BIAS)	RADIAL REPAIR	BIAS REPAIR
	1/8" (3mm)	●	CC-3	PC-1	-	PUR-1	PR-109	PB-1
	1/4" (6mm)	●	CC-6/PCC-2P	PC-2	PCS-2	PUR-2/PUS-2	PR-109	PB-1
	1/4" (6mm)	●	CC-6	PC-2	PCS-2	PUR-2/PUS-2	PR-109/PR-110	PB-2
	5/16" (8mm) **	●	CC-8/PCC-3P	PC-3	PCS-3	PUR-3/PUS-3	PR-110/PR-115	PB-3
	3/8" (10mm)	●	CC-10	PC-4	PCS-4	PUR-3/PUS-4	PR-120	PB-5

** Light Truck Tires Only (Injury Size: 5/16") - 6 or 8 Ply Rating (Load Range C & D).



Emergency Inserts

PREMA offers a variety of rubber and fiber reinforced inserts for filling the injury in all types of tubeless tires. Install with **PREMA Insert Cement**.

NOTE: Remove the tire from the rim and inspect for damage before installation of a repair unit or filler material.

SKU #	Part #	Description	L (in.)	L (mm)	Qty/Unit
2007210	PRI-1	PremaFill - Passenger/ Light Truck Thin Orange	3¾	95	50
2007220	PRI-2	PremaFill - Passenger/ Light Truck Regular Blue	3¾	95	50
2007230	PRI-3	PremaFill - Truck Blue	5½	130	40
2007240	PRI-4	PremaFill - Earthmover Blue	7½	191	25

The **PREMA** inserts are a temporary measure to be used until the tire can be properly repaired in a full service facility.



PREMA Seal String Insert/Temporary Repair

SKU #	Part #	Description	Qty/Unit
	361	Fat Brown String (4", 100mm)	50



Insert Tools

SKU #	Part #	Description	Qty
2502120	PSCS	Spiral cementing tool, Screw driver handle	1
	901	Pistol grip split-eye needle	1



PREMA Kits & Cabinets

Custom Design Passenger Kits, Truck Kits, and Cabinets are available upon request.

PREMA Shop Kit

Everything you need to repair Bias and Radial Passenger Tires.

SKU #	Part #	Description
2009145	PCAB-2	PREMA Shop Kit

Contents: 3050-RB Repair Station & 2009140 INDUSTRY STANDARD KIT - PASSENGER

3050-RB REPAIR STATION

- Handles Passenger and Light Truck Tires
- Adjustable Roller Platform
- Wide, Stable Base
- Convenient Tool Shelf

INDUSTRY STANDARD KIT - PASSENGER

PTB	Empty Toolbox	6068	Adapter for CC-6
PC-2	Combi Repair Units (Box-15)	PSCS	Spiral Cement Tool
PUS-2	Universal Square Patch 2 (20)	932	Tire Scraper
PCS-2	Stem w/Guide Wire (20)	6004	Stitcher 1/8"
PFC-8	Ultra Fast Dry (8oz)	6014	Brass Brush
PPC-16	Prebuff Cleaner Spray (16oz)	101000929	Flex Knife
PLOS-16	Innerliner Overbuff (16oz)	62W	White Crayon
CC-6	Carbide Cutter		PREMA Nail Hole Repair Procedures Manual





PREMA PCAB-2 Cabinet Kit

Everything you need to repair Bias and Radial Passenger and Truck Tires.

PCAB-2 Pre Packed Cabinet Kit

SKU #	Part #	Description
2009120	PCAB-2	Pre Packed Cabinet Kit
Contents: 440 Assorted Repairs		
2 PT-2 Small Round Tube	1 PCS-2 Wire Lead Stem	
1 PT-3 Medium Round Tube	1 PCS-3 Wire Lead Stem	
1 PT-4 Large Round Tube	1 PC-2 Wire Lead Combi	
2 PR-110 Radial	1 PC-3 Wire Lead Combi	
2 PR-112 Radial	1 PC-4 Wire Lead Combi	
1 PR-120 Radial	1 CC-6 Cutter	
1 PUR-2 Universal Round	1 CC-8 Cutter	
1 PUS-3 Universal Square	1 CC-10 Cutter	
1 PPC-16 Spray Pre-Buff	1 PREMA Cabinet	
1 PLOS-16 Liner Sealant	1 PFC-8 Cement Fast Dry	
1 PLD-32 Leak Detector	1 PBS-32 Bead Sealer	

Empty Tool Boxes

SKU #	Part #	Description	Dimensions (Length x Width x Depth)	Qty
2300120	PCAB-1	Empty Cabinet with Lock	29 in x 20 in x 6 in	1

PRI-2K PremaFill - Passenger/ Light Truck Kit

SKU #	Part #	Description	Qty
2007221	PRI-2K	PremaFill - Passenger/ Light Truck Kit	1
Contents: 50 PRI-1 Inserts, 50 PRI-2 Inserts, PFC-8 Ultra Fast Dry 8oz, Spiral Cement Tool, Dual Head RV Pressure Gauge, Valve Core Tool, White Crayon, Pistol Grip Inserting Tool, Spare Split eye needle 3.5", Allen Key for Insertion Tools. All items come in a durable plastic case.			

Warning: PREMA Inserts are temporary units to be used until the tire can be repaired in a full service facility.



PRI-3K PremaFill - Truck Kit

SKU #	Part #	Description	Qty
2007231	PRI-3K	PremaFill - Truck Kit	1
Contents: 40 PRI-3 Inserts, PFC-8 Ultra Fast Dry 8oz, Spiral Cement Tool, Dual Head RV Pressure Gauge, Valve Core Tool, White Crayon, Pistol Grip Inserting Tool - Truck, Spare Split eye needle 7", Allen Key for Insertion Tools, All items come in a durable plastic case.			

Warning: PREMA Inserts are temporary units to be used until the tire can be repaired in a full service facility.





PRI-ATV ATV Emergency Kit

SKU #	Part #	Description	Qty
2009130	PRI-ATV	ATV Emergency Kit	1

Contents: One chrome T-Handle Cementing Tool, One chrome T-Handle Insert Tool, 50 PRI-1 Inserts, Rubber Cement (4 Tubes). All items come in a sturdy ABS plastic case.

Warning: PREMA Inserts are temporary units to be used until the tire can be repaired in a full service facility.



Industry Standard Kit - Passenger

Conveniently Packaged **INDUSTRY STANDARD** Repair Kits

SKU #	Part #	Description	Qty
2009140		Industry Standard Kit - Passenger	1

Contents:

PTB	Empty Toolbox	PSCS	Spiral Cement Tool
PC-2	Combi Repair Units (Box-15)	932	Tire Scraper
PUS-2	Universal Square Patch 2 (20)	6004	Stitcher 1/8"
PCS-2	Stem w/Guide Wire (20)	6014	Brass Brush
PFC-8	Ultra Fast Dry (8oz)	101000929	Flex Knife
PPC-16	Prebuff Cleaner Spray (16oz)	62W	White Crayon
PLOS-16	Innerliner Overbuff (16oz)		PREMA Combi Repair Manual
CC-6	Carbide Cutter		PREMA Nailhole Repair Manual
6068	Adapter for CC-6		PREMA Combi Wall - Poster



Industry Standard Kit - Truck

Conveniently Packaged **INDUSTRY STANDARD** Repair Kits

SKU #	Part #	Description	Qty
2009150		Industry Standard Kit - Truck	1

Contents:

PTBX	Empty Toolbox	6068	Adapter for CC-6
PC-2	Combi Repair Units (15)	6069	Adapter for CC-8
PC-3	Combi Repair Units (10)	PSCS	Spiral Cement Tool
PUS-3	Universal Square Patch 3 (20)	932	Tire Scraper
PUS-4	Universal Square Patch 4 (20)	6004	Stitcher 1/8"
PCS-2	Stem w/Guide Wire (20)	6014	Brass Brush
PCS-3	Stem w/Guide Wire (20)	101000929	Flex Knife
PFC-8	Ultra Fast Dry (8oz)	62W	White Crayon
PPC-16	Prebuff Cleaner Spray (16oz)		PREMA Combi Repair Manual
PLOS-16	Innerliner Overbuff (16oz)		PREMA Nailhole Repair Manual
CC-6	Carbide Cutter		PREMA Combi Wall - Poster
CC-8	Carbide Cutter		





Radial Repairs - Passenger and Truck

PREMA Center-Over-Injury Repairs are designed for use in the Crown, Shoulder and Sidewall area of radial tires. They can be installed by either Chemical (COLD) vulcanization or Heat & Pressure (HOT) methods. For COLD application, install using PREMA Ultra Fast Dry Vulcanizing Cement.

SKU #	Part #	Desc.	L (in.)	W (in.)	L (mm)	W (mm)	# PLIES	Qty/Box
2002090	PR-109	Radial	3	2	77	50	1	20
2002095	PR-109T	Radial	3	2	77	50	1	80
2002100	PR-110	Radial	3¼	2¼	83	57	1	20
2002106	PR-110 Bulk	Radial	3¼	2¼	83	57	1	1000
2002105	PR-110T	Radial	3¼	2¼	83	57	1	80
2002120	PR-112	Radial	4¾	3	121	76	1	10
2002126	PR-112 Bulk	Radial	4¾	3	121	76	1	500
2002125	PR-112T	Radial	4¾	3	121	76	1	40
2002130	PR-113	Radial	5	3¾	127	83	1	10
2002140	PR-114	Radial	5¼	3¼	133	89	1	10
2002150	PR-115	Radial	3¼	3	95	76	1	10
2002200	PR-120	Radial	5	3¼	127	83	2	10
2002206	PR-120 Bulk	Radial	5	3¼	127	83	2	500
2002220	PR-122	Radial	7	3¼	178	83	2	10
2002240	PR-124	Radial	8¾	3¼	222	83	2	10
2002250	PR-125	Radial	5¼	4¾	133	121	2	10
2002260	PR-126	Radial	10¾	3¼	273	83	3	10
2002350	PR-135	Radial	7½	5½	191	140	4	10
2002400	PR-140	Radial	7¾	4¾	197	108	3	10
2002420	PR-142	Radial	10¾	5½	273	140	4	5
2002440	PR-144	Radial	13¾	5½	337	140	4	5



NOTE:

- PR115 is used in place of PR110 in Heavy Duty Applications.
- PR113 is used in place of PR112 in Heavy Duty Applications.

NOTE: Refer to the PREMA Repair Charts on page 16 for the proper selection of the repair unit. Always fill the injury channel.

Radial Repairs - Agricultural

PREMA Agricultural Radial Repair Units are designed for the extreme flexing of Radial Rear Farm Tires. These Repair Units can be used for repairing Crown, Shoulder, and Sidewall injuries. Install with PREMA Ultra Fast Dry Vulcanizing Cement.

SKU #	Part #	Description	L (in.)	W (in.)	L (mm)	W (mm)	# PLIES	Qty/Box
2002800	PR-180	Radial Agricultural	8	6¼	203	159	2	5
2002820	PR-182	Radial Agricultural	9¾	7¾	248	197	3	5
2002840	PR-184	Radial Agricultural	12	8¾	305	222	3	2
2002860	PR-186	Radial Agricultural	13¾	10	349	254	3	1

Refer to the PREMA Radial Repair Chart on page 17 for proper selection of the repair unit. Always fill the injury channel.





Radial Application Charts

PREMA Grey Cushion Repair Units are designed as a chemical cure repair system (<100F) when used with PREMA brand Ultra-Fast Dry Vulcanizing Cements.

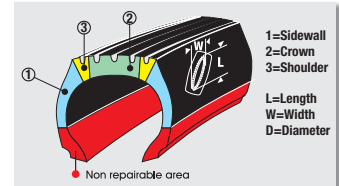
Radial - Truck



Sidewall Injury					
1		Truck Tire Sizes (tubeless unless indicated)			
Injury Size		Tire Size Group 1	Tire Size Group 2	Tire Size Group 3	
Width	Length	PR-	PR-	PR-	
in mm	in mm				
1/8 3	1/8 3	110	110	110	
1/4 6	1/4 6	110	110	112	
1 Cable	1 1/2 40	120	120	120	
1 Cable	3 1/8 80	122	122	122	
1 Cable	4 3/4 120	-	124	124	
1 Cable	6 150	-	126	126	
2 Cables	3/4 20	120	120	122	
2 Cables	1 1/2 40	120	122	124	
2 Cables	2 3/8 60	122	124	126	
2 Cables	5 1/8 130	-	126	126	
3/8 10	1 1/2 40	120	126	140	
3/8 10	2 3/8 60	122	126	140	
3/8 10	3 1/8 80	124	126	142	
3/8 10	5 1/8 130	-	126	144	
1/2 15	1 1/2 40	122	140	140	
1/2 15	2 3/4 70	122	140	142	
1/2 15	3 3/4 95	140	142	142	
1/2 15	5 1/8 130	-	144	144	
3/4 20	1 25	122	140	140	
3/4 20	2 1/2 65	124	140	142	
3/4 20	4 3/8 110	-	142	144	
3/4 20	5 1/8 130	-	144	144	
1 25	2 50	140	142	144	
1 25	3 3/8 80	-	142	144	
1 25	4 100	-	144	144	
1 1/4 32	2 50	-	142	144	
1 1/4 32	3 3/8 80	-	144	144	
1 1/4 32	4 100	-	144	144	
1 1/2 40	2 50	-	144	144	
1 1/2 40	3 1/8 80	-	144	-	

Crown Injury				
2		Truck Tire Sizes (tubeless unless indicated)		
Crown Injury Diameter (max.)		Tire Size Group 1	Tire Size Group 2	Tire Size Group 3
in	mm	PR-	PR-	PR-
1/8	3	110/115	110/115	110/115
1/4	6	110/115	112/113	112/113
5/16	8	115	115	120
3/8	10	120	120	120
1/2	15	122	140/125	140/125
3/4	20	122	140/125	142/137
1	25	140/125	142/135	142/137
1 1/4	32	-	142/135	144
1 1/2	40	-	144	144

TIRE SIZE GROUP 1	6.50-12.50 (tube type) 7 - 10 215/85 - 255/85 215/75 - 265/75
TIRE SIZE GROUP 2	7.50 - 10.00 (tube type) 8 - 11 235/80 - 275/80 245/75 - 295/75 385/60 - 385/55
TIRE SIZE GROUP 3	11.00 - 14.00 (tube type) 12 - 16.5 295/80 - 315/80 315/75 - 425/65 525/60 - 495/45



Shoulder Injury				
3		Truck Tire Sizes (tubeless unless indicated)		
Shoulder Injury Diameter (max.)		Tire Size Group 1	Tire Size Group 2	Tire Size Group 3
in	mm	PR-	PR-	PR-
1/8	3	112	112	112
1/4	6	122	124	126
5/16	8	122	124	126
3/8	10	122	124	126
1/2	15	140	140	140/142
3/4	20	-	142	142
1	25	-	144	144

The SHOULDER is defined as 1 1/2 inches (40 mm) in from the outside edge of the tread footprint.		
The NON-REPAIRABLE AREA is defined by the tire type/size as listed below.		
Tire Type or Size	Inch	mm
Passenger & Light Truck (<1/2 ton)	1 1/2	40
6.50 - 7.00	2 1/2	65
7.50 - 16.00	3	76
17.00 - 23.50	3 1/2	90
24.00 - 29.50	5	125
30.00 - 33.50	6	150
36.00	7 1/2	190
37.00 - 55/80	10	250

Must be installed using PREMA Chemicals and Cements. Injury must be filled with appropriate PREMA repair materials. Refer to the PREMA 2-Piece Repair Manual or the PREMA Section Repair Manual for more detailed repair information.

Radial - Agricultural

Sidewall Injury					
Injury Size		Agricultural Tire Sizes			
Width	Length	8 - 11 8.3 - 12.4		12 - 15 13.6 - 30.5 440/65 - 800/65	
		in	mm	PR-	PR-
1/4	6	1/4	6	112	112
3/8	10	3/8	10	112	112
3/8	10	1 1/2	40	120	120
3/4	20	3/4	20	120	120
3/4	20	3	75	122	180
1 1/2	40	3	75	180	182
2	50	3 1/4	80	182	182
2 1/2	65	3	75	182	182
2 1/2	65	4	100	-	182
2 3/4	70	2 3/4	70	182	182
3 1/4	80	3 1/4	80	-	182
3 1/4	80	5 1/4	130	-	184
3 1/2	90	4 1/2	115	-	184
4	100	4	100	-	184
4	100	6 1/2	165	-	186
5 1/4	130	5 1/4	130	-	186

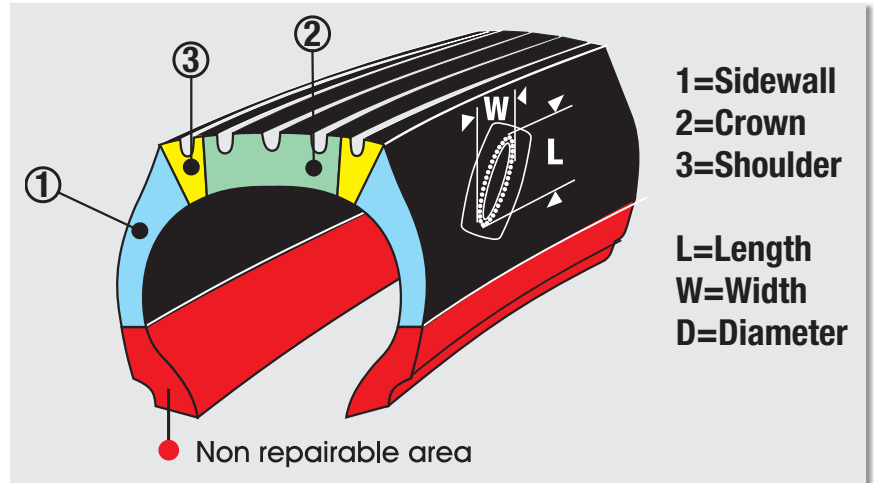
Crown Injury			
Crown Injury Diameter (max.)		Agricultural Tire Sizes	
in	mm	8 - 11 8.3 - 12.4	12 - 15 13.6 - 30.5 440/65 - 800/65
		PR-	PR-
3/8	10	112	112
3/4	20	120	120
1 1/2	40	180	182
2 3/4	70	180	182
3 1/2	90	-	184
5 1/4	130	-	186

The SHOULDER is defined as 1 1/2 inches (40 mm) in from the outside edge of the tread footprint.

The NON-REPAIRABLE AREA is defined by the tire type/size as listed below.

Tire Type or Size	Inch	mm
Passenger & Light Truck (<1/2 ton)	1 1/2	40
6.50 - 7.00	2 1/2	65
7.50 - 16.00	3	76
17.00 - 23.50	3 1/2	90
24.00 - 29.50	5	125
30.00 - 33.50	6	150
36.00	7 1/2	190
37.00 - 55/80	10	250

Shoulder Injury			
Shoulder Injury Diameter (max.)		Agricultural Tire Sizes	
in	mm	8 - 11 8.3 - 12.4	12 - 15 13.6 - 30.5 440/65 - 800/65
		PR-	PR-
3/8	10	110	122
3/4	20	120	180
1 1/2	40	180	182
3 1/2	90	-	184
5 1/4	130	-	186



Must be installed using PREMA Chemicals and Cements. Injury must be filled with appropriate PREMA repair materials. Refer to the PREMA 2-Piece Repair Manual or the PREMA Section Repair Manual for more detailed repair information.

These Repair Charts reflect International Repair Standards, determined on the basis of practical experience, bench checks, and laboratory tests. THEY NEITHER INCORPORATE NOR ARE INTENDED AS A REFERENCE TO LOCAL, STATE, OR NATIONAL STANDARDS THAT MAY EXIST IN YOUR COMMUNITY. Stay within the limitation for repairable injuries indicated by the charts. When repairing a tire, it is imperative that a complete inspection be conducted to ensure that the tire is fit to be repaired and safely returned to service. Always follow proper repair procedures as illustrated in the appropriate PREMA Repair Manual(s). No tire can be safely repaired without demounting it from the rim, giving it a complete inspection, and properly repairing the injury with the appropriate inside repair unit and filler material. Always consult the tire manufacturer for the repair limits.



Bias Repairs - Passenger and Truck

PREMA Bias Repairs are designed with large ply construction for repairing all bias ply tube and tubeless tires. These repairs can be used for repairing Crown, Shoulder and Sidewall injuries. Install with PREMA Ultra Fast Dry Vulcanizing Cement.

SKU #	Part #	Desc.	L (in.)	W (in.)	L (mm)	W (mm)	# PLIES	Qty/Box
2003010	PB-1	Bias	2¼	-----	57	-----	1	25
2003020	PB-2	Bias	3¼	-----	83	-----	2	10
2003030	PB-3	Bias	3¾	3¾	96	96	2	10
2003040	PB-4	Bias	4¾	4¾	121	121	2	10
2003050	PB-5	Bias	4¾	4¾	121	121	4	10
2003060	PB-6	Bias	6½	6½	165	165	4	10
2003070	PB-7	Bias	9¾	9¾	248	248	6	5
2003080	PB-8	Bias	11¾	11¾	298	298	6	5
2003090	PB-9	Bias	13¾	13¾	349	349	6	5
2003110	PB-11*	Bias	17¾	17¾	451	451	8	2



Refer to PREMA Bias Ply Repair Charts on page 19 for proper repair unit selection. Always fill the injury channel.

*PB-11: Made to Order Item.

Bias Repairs - Agricultural

PREMA Agricultural Bias Repairs are designed for use in all types of farm implement bias tires. These Repair Units can be used for repairing Crown, Shoulder, and Sidewall injuries. Install with PREMA Ultra Fast Dry Vulcanizing Cement.

SKU #	Part #	Description	L (in.)	W (in.)	L (mm)	W (mm)	# PLIES	Qty/Box
2003500	PBT-0	Bias Agricultural	7¾	7¾	197	197	4	5
2003510	PBT-1	Bias Agricultural	8¾	8¾	222	222	4	5
2003520	PBT-2	Bias Agricultural	10¾	10¾	273	273	4	5
2003530	PBT-3	Bias Agricultural	14¾	14¾	362	362	4	5
2003540	PBT-4	Bias Agricultural	8¾	8¾	222	222	6	5
2003550	PBT-5	Bias Agricultural	10¾	10¾	273	273	6	5
2003560	PBT-6	Bias Agricultural	14¾	14¾	362	362	6	2
2003570	PBT-7	Bias Agricultural	20½	20½	521	521	6	2



Refer to the PREMA Bias Repair Chart on page 19 for proper selection of the repair unit. Always fill the injury channel.



BIAS Application Charts

BIAS REPAIRS Passenger / Light Truck / Truck



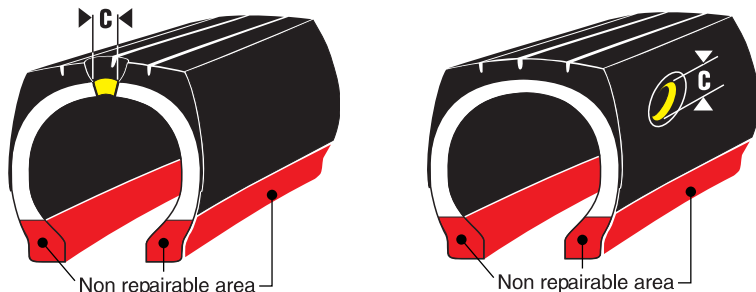
"C" Maximum Injury Size		Tread, Shoulder, and Sidewall Repairs PLY RATING (LOAD RANGE)										
in	mm	4 (B)	6 (C)	8 (D)	10 (E)	12 (F)	14 (G)	16 (H)	18 (J)	20 (L)	22 (M)	24 (N)
1/8	3	PB-1	PB-1	PB-1	PB-1	PB-1	PB-1	PB-1	PB-1	PB-1	PB-1	PB-1
1/4	6	PB-1	PB-1	PB-1	PB-2	PB-2	PB-2	PB-2	PB-2	PB-2	PB-2	PB-2
3/8	10	PB-2	PB-2	PB-3	PB-3	PB-3	PB-3	PB-5	PB-5	PB-5	PB-5	PB-5
1/2	13	PB-3	PB-3	PB-3	PB-3	PB-5	PB-5	PB-5	PB-6	PB-6	PB-7	PB-7
3/4	20	PB-3	PB-3	PB-3	PB-3	PB-5	PB-5	PB-6	PB-6	PB-6	PB-7	PB-7
1	25	PB-4	PB-4	PB-5	PB-5	PB-5	PB-6	PB-6	PB-7	PB-7	PB-8	PB-8
1 1/2	38	PB-5	PB-5	PB-5	PB-6	PB-6	PB-7	PB-7	PB-7	PB-8	PB-9	PB-9
2	50	PB-6	PB-6	PB-6	PB-7	PB-7	PB-7	PB-7	PB-8	PB-9	PB-9	PB-9
2 1/2	63	-	PB-7	PB-7	PB-7	PB-7	PB-8	PB-8	PB-9	PB-9	PB-9	PB-9
3	75	-	-	-	PB-8	PB-8	PB-8	PB-8	PB-9	PB-11	PB-11	PB-11
4	100	-	-	-	PB-9	PB-9	PB-9	PB-9	PB-11	PB-11	PB-11	PB-11
5	125	-	-	-	-	-	PB-11	PB-11	PB-11	PB-11	-	-

BIAS REPAIRS Agricultural & Industrial



"C" Maximum Injury Size		Tread, Shoulder, & Sidewall Repairs PLY RATING (LOAD RANGE)							
inch	mm	4 (B)	6 (C)	8 (D)	10 (E)	12 (F)	14 (G)	16 (H)	18 (J)
1/8	3	PB-1	PB-1	PB-1	PB-1	PB-1	PB-1	PB-1	PB-1
1/4	6	PB-1	PB-1	PB-2	PB-2	PB-2	PB-2	PB-2	PB-2
3/8	10	PB-2	PB-2	PB-3	PB-3	PB-4	PB-5	PB-5	PB-5
1/2	13	PB-3	PB-3	PB-3	PB-3	PB-5	PB-5	PB-5	PB-6
3/4	20	PB-3	PB-3	PB-3	PB-3	PB-5	PB-5	PB-6	PB-6
1	25	PB-4	PB-4	PB-5	PB-5	PB-5	PB-6	PB-6	PB-7
1 1/2	38	PB-5	PB-5	PB-5	PB-6	PB-6	PB-7	PB-7	PBT-2
2	50	PB-6	PB-6	PB-6	PB-7	PB-7	PB-7	PB-7	PBT-3
2 1/2	63	PBT-0	PBT-0	PBT-0	PBT-1	PBT-4	PBT-4	PBT-5	PBT-5
3	75	PBT-0	PBT-0	PBT-0	PBT-1	PBT-4	PBT-5	PBT-5	PBT-6
4	100	PBT-1	PBT-1	PBT-1	PBT-4	PBT-4	PBT-5	PBT-5	PBT-6
5	125	PBT-2	PBT-2	PBT-2	PBT-5	PBT-5	PBT-5	PBT-6	PBT-6
6	38	PBT-2	PBT-2	PBT-2	PBT-5	PBT-5	PBT-6	PBT-6	PBT-6
7	50	PBT-3	PBT-3	PBT-3	PBT-6	PBT-6	PBT-7	PBT-7	PBT-7
8	63	PBT-3	PBT-3	PBT-3	PBT-6	PBT-7	PBT-7	PBT-7	PBT-7
9	75	-	-	PBT-6	PBT-7	PBT-7	PBT-7	-	-
10	100	-	-	PBT-7	PBT-7	PBT-7	-	-	-

Must be installed using PREMA Chemicals and Cements. Injury must be filled with appropriate PREMA repair materials. Refer to the PREMA 2-Piece Repair Manual or the PREMA Section Repair Manual for more detailed repair information.





PREMA^{HC}

PREMA Heat Cure Repair Units, Cements & Liner Sealer

Install PREMA Heat Cure Repair Units with PREMABOND HC CEMENT at +200°F.

Radial Repairs

SKU #	Part #	Desc.	L (in.)	W (in.)	L (mm)	W (mm)	# PLIES	Qty/Box
2027100	PR-110-HC	Heat Cure Radial Repair Unit	3¼	2¼	83	57	1	20
2027150	PR-115-HC	Heat Cure Radial Repair Unit	3¼	3	95	76	1	10
2027200	PR-120-HC	Heat Cure Radial Repair Unit	5	3¼	127	83	2	10
2027220	PR-122-HC	Heat Cure Radial Repair Unit	7	3¼	178	83	2	10
2027240	PR-124-HC	Heat Cure Radial Repair Unit	8¾	3¼	222	83	2	10
2027250	PR-125-HC	Heat Cure Radial Repair Unit	5¼	4¾	133	121	2	10
2027260	PR-126-HC	Heat Cure Radial Repair Unit	10¾	3¼	273	83	3	10
2027350	PR-135-HC	Heat Cure Radial Repair Unit	7½	5½	191	140	4	10
2027400	PR-140-HC	Heat Cure Radial Repair Unit	7¾	4¾	197	108	3	10
2027420	PR-142-HC	Heat Cure Radial Repair Unit	10¾	5½	273	140	4	10
2027440	PR-144-HC	Heat Cure Radial Repair Unit	13¼	5½	337	140	4	10



Bias Repairs

SKU #	Part #	Desc.	L (in.)	W (in.)	L (mm)	W (mm)	# PLIES	Qty/Box
2028030	PB-3-HC	Heat Cure Bias Repair Unit	3¾	3¾	96	96	2	10
2028040	PB-4-HC	Heat Cure Bias Repair Unit	4¾	4¾	121	121	2	10
2028050	PB-5-HC	Heat Cure Bias Repair Unit	4¾	4¾	121	121	4	10
2028060	PB-6-HC	Heat Cure Bias Repair Unit	6½	6½	165	165	4	10
2028070	PB-7-HC	Heat Cure Bias Repair Unit	9¾	9¾	248	248	6	5
2028080	PB-8-HC	Heat Cure Bias Repair Unit	11¾	11¾	298	298	6	5



Universal Bias/Radial Repairs

SKU #	Part #	Description	Diameter (in.)	Diameter (mm)	Qty/Unit
2029025	UHC-2.5	Universal Rd. 1	2¾	70	50



Cements & Chemicals

SKU #	Part #	Description	Size U.S. gal.	Size liters
102201603	PBCB-5G	PREMABOND CEMENT Brush	5 U.S. gal.	18.93 liters
102201613	PBCS-5G	PREMABOND CEMENT Spray	5 U.S. gal.	18.93 liters
102201633	PSRS-5G	PREMASOL Rubber Solvent (Flammable)	5 U.S. gal.	18.93 liters
102201643	PBAC-5G	PREMABOND Aquas Cement	5 U.S. gal.	18.93 liters



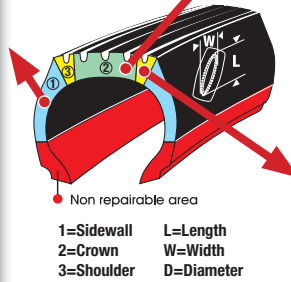
PREMA HC Repair Units Radial Application Charts

PREMA HC Black Cushion Repair Units are designed to be utilized in vulcanizing systems (>200F) when used with PREMA brand PREMABond Cements.

Radial - Truck

Sidewall Injury					
		Truck Tire Sizes (tubeless unless indicated)			
Injury Size		Tire Size Group 1	Tire Size Group 2	Tire Size Group 3	
Width	Length				
in mm	in mm	PR (-HC)	PR (-HC)	PR (-HC)	
1/8	3	110	110	110	
1/4	6	110	110	115	
1 Cable	1 1/2	120	120	120	
1 Cable	3 3/8	122	124	124	
1 Cable	4 3/4	-	124	124	
1 Cable	6	-	124/126	126	
2 Cables	3/4	120	120	124	
2 Cables	1 1/2	120	124	124	
2 Cables	2 3/8	122	124	126	
2 Cables	5 1/8	-	126	126	
3/8	10	120	126	140	
3/8	10	122	126	140	
3/8	10	124	140	142	
3/8	10	5 1/8	130	-	144
1/2	15	1 1/2	40	122	140
1/2	15	2 3/8	70	122	142
1/2	15	3 3/8	95	140	142
1/2	15	5 1/8	130	-	144
3/4	20	1	25	122	140
3/4	20	2 1/2	65	124	142
3/4	20	4 3/8	110	-	144
3/4	20	5 1/8	130	-	144
1	25	2	50	140	142/144
1	25	3 3/8	80	-	144
1	25	4	100	-	144
1 1/4	32	2	50	-	144
1 1/4	32	3 3/8	80	-	144
1 1/4	32	4	100	-	144
1 1/2	40	2	50	-	144
1 1/2	40	3 3/8	80	-	-

Crown Injury				
		Truck Tire Sizes (tubeless unless indicated)		
Crown Injury Diameter (max.)	Tire Size Group 1		Tire Size Group 2	Tire Size Group 3
	in	mm	PR (-HC)	PR (-HC)
1/8	3	UHC-2.5/110	UHC-2.5/110	UHC-2.5/110
1/4	6	UHC-2.5/110	UHC-2.5/115	UHC-2.5/115
5/16	8	UHC-2.5/115	UHC-2.5/115	120
3/8	10	120	120	120
1/2	15	120	125	125
3/4	20	125	125/140	125/140
1	25	125/140	125/140	125/140
1 1/4	32	-	135/142	135/142
1 1/2	40	-	135/144	144



Shoulder Injury				
		Truck Tire Sizes (tubeless unless indicated)		
Shoulder Injury Diameter (max.)	Tire Size Group 1		Tire Size Group 2	Tire Size Group 3
	in	mm	PR (-HC)	PR (-HC)
1/8	3	110	110	110
1/4	6	122	124	126
5/16	8	122	124	126
3/8	10	122	124	126
1/2	15	140	140	140/142
3/4	20	-	142	142
1	25	-	144	144

The SHOULDER is defined as 1 1/2 inches (40 mm) in from the outside edge of the tread footprint.

The NON-REPAIRABLE AREA is defined by the tire type/size as listed below.

Tire Type or Size	Inch	mm
Passenger & Light Truck (<1/2 ton)	1 1/2	40
6.50 - 7.00	2 1/2	65
7.50 - 16.00	3	76
17.00 - 23.50	3 1/2	90
24.00 - 29.50	5	125
30.00 - 33.50	6	150
36.00	7 1/2	190
37.00 - 55/80	10	250

TIRE SIZE GROUP 1	6.50-12.50 (tube type) 7 - 10 215/85 - 255/85 215/75 - 265/75
TIRE SIZE GROUP 2	7.50 - 10.00 (tube type) 8 - 11 235/80 - 275/80 245/75 - 295/75 385/60 - 385/55
TIRE SIZE GROUP 3	11.00 - 14.00 (tube type) 12 - 16.5 295/80 - 315/80 315/75 - 425/65 525/60 - 495/45



Vulcanizing Cements & Chemicals

Ultra Fast Dry Vulcanizing Cement

PREMA Ultra Fast Dry Vulcanizing Cement is formulated to provide outstanding performance when used in conjunction with PREMATAK Materials. Contains no ozone depleting chemicals.

SKU #	Part #	Description	Size fl. oz	Size ml	Qty/ Box
2205020	PFC-8	Ultra Fast Dry Vulcanizing Cement (Flammable)	8	237	10
2205030	PFC-32	Ultra Fast Dry Vulcanizing Cement (Flammable)	32	946	10



Pre-Buff Cleaner

PREMA Pre-Buff Cleaner is formulated to remove contaminants (such as silicone and mold lubricants) from the innerliner of the tire prior to buffing. Available in either liquid or aerosol. Contains no ozone depleting chemicals.

SKU #	Part #	Description	Size fl. oz	Size ml	Qty/ Box
2207010	PPC-16	Pre-Buff Cleaner "Aerosol" (Flammable)	16	473	12
2207030	PPC-32	Pre-Buff Cleaner (Flammable)	32	946	10



Innerliner Overbuff Sealant

PREMA Innerliner Overbuff Sealant is designed to restore air retention qualities to the buffed innerliner around the repair after installations. It can be used in both COLD and HOT vulcanizing systems. Contains no ozone depleting chemicals.

SKU #	Part #	Description	Size fl. oz	Size ml	Qty/ Box
2209150	PLOS-16	Innerliner Overbuff Sealant (Flammable)	16	473	10



Bead Sealer

PREMA Bead Sealer provides a seal between the bead area of the tire and rim, assisting in the prevention of leaks caused by minor surface imperfections.

SKU #	Part #	Description	Size fl. oz	Size ml	Qty/ Box
2209800	PBS-32	Bead Sealer (Flammable)	32	946	10
102209801	PBSO-32	Bead Sealer (Flammable)	32	946	10



Vulc Compound

PREMA A & B Compound is simple and easy to prepare. It is a two part rubber compound that cures at room temperature. When used as an injury filler in conjunction with a PREMA reinforced Repair Unit (Radial or Bias) it produces a permanent and durable repair. It is also extremely useful for repair of minor appearance blemishes around the bead area of the tire. Install with PREMA Ultra Fast Dry Vulcanizing Cement.

SKU #	Part #	Description	Thickness	Width (in.)	Approx. Weight (lb)	Weight (g)	Qty/ Box
2205701	PAB-F	Vulc Compound A & B Flammable			2 x 0.66 lb	2 x 300	1





Quality Products from MAX-WELL

MAX-WELL Air Square Wall Mounted Inflator

- MAX-WELL Quality • Fast inflation • Sturdy Metal Cabinet
- Can be mounted to a safety cage or wall • State of the art electronics
- Multi choice finished inflation alarms to suite your location (Alarm only, Light only, or Alarm/Light)
- Large LCD numbers ensuring easy legibility • Durable Button controls
- Long Hose to service more than one safety cage. (one at a time)
- Over Pressure system to assure proper bead seating
- Choice of Inflation Units (psi, kpa, Bar, kg/cm2)

Part #	Description	Qty
AS100-SP	MAX-WELL Air Square	1



MAX-WELL M-100 Mount/Dismount Tool

Superior Max-Well Tool Quality • Truck Tire Dismount and Mount • Time Saving

Part #	Description	Qty
M-100	MAX-WELL Mount/Dismount Tool	1



MAX-WELL Digital and Analog Inflation Gauges

MAX-WELL digital and analog inflation gauges merge ease of use and readability with rapid, safe and cost effective tire pressure maintenance.

- Fast inflation and deflation • Increased accuracy and safety • Robust design • 6 ft Hose

Part #	Description	Qty
H300532P	MAX-WELL Digital Inflation Gauge	1
H310532P	MAX-WELL Analog Inflation Gauge	1





Tire Repair Tools

Buffers

Part #	Description	Qty/Box
CP-873K	Low Speed Buffer (~2,500rpm)	1
CP-871	High Speed Buffer (~20,000rpm)	1



Aluminum Oxide Stones

Part #	Description	Qty/Pack
744	White Pencil Grinding Stone	20
746	White Conical Grinding Stone	20
742	Small Mushroom Grinding Stone	20
745	Large Mushroom Grinding Stone	20



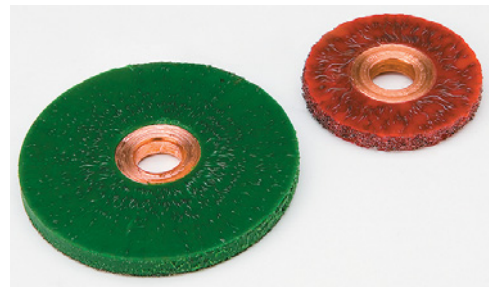
Rubberhog

Part #	Description	Diameter (in.)	Height (in.)	Grit	Qty/Pack
RH100	Buffing Cone 3/8" Arbor	3/4	1 3/4	SSG 170	1
RH102	Buffing Cone 3/8" Arbor	3/4	1 3/4	SSG 230	1
RH107	Buffing Cone 3/8" Arbor	2 1/2	1	SSG 170	1
RH109	Buffing Cone 3/8" Arbor	2 1/2	1	SSG 230	1
RH302	Buzzout Wheel 3/8" Arbor	2	1/4	SSG 390	1
RH150	Polyplug	1 3/4			1
RH152	Polyplug	2 1/2			1



Brushes

Part #	Description	Qty/Pack
6055	2" Encapsulated Wire Wheel	1
6056	3" Encapsulated Wire Wheel	1

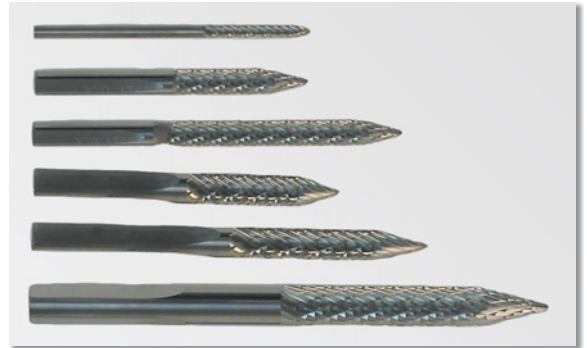




Tire Repair Tools

Carbide Cutters

Part #	Description	Length (in.) Overall	Length (mm) Overall	Diameter (in.) Cut	Diameter (mm) Cut	Qty/Pack
CC-3	Carbide Cutter 1	2	50	1/8	3	1
CC-6	Carbide Cutter 2	3	75	1/4	6	1
PCC-2P	Carbide Cutter 2P	2	50	1/4	6	1
CC-8	Carbide Cutter 3	4	100	5/16	8	1
PCC-3P	Carbide Cutter 3P	3	75	5/16	8	1
CC-10	Carbide Cutter 4	4	100	3/8	10	1



Tire Repair Tools

Part #	Description	Qty/Pack
932	Tire Scraper	1
6014	Brass Brush	1
6004	1/8" Stitcher	1
30-GN	Gooseneck stitcher, 1-1/2" x 1/8"	1
6005-GN	Gooseneck stitcher, 2" x 1/4"	1
101000929	Flex Knife	1
6020	Cement Dispenser W/Brush Lid	1



Tire Spreader

Part #	Description	Qty/Box
3050-RB	Repair Station	1





6551 Economy Tire Spreader

The Air Powered 6551 Economy Tire Spreader is designed for servicing and repairing passenger, light truck, medium/heavy truck and small agricultural and OTR tires up to 20.5-25" in size.

FEATURES:

- Extremely low eight-inch working platform, lifting power up to 500lbs.
- Adjustable spreading jaws that are shorter on the operator's side for improved access and safety.
- Integrated lifting device with a lifting height of 17-1/2"
- Working Height: 30"
- Integrated lighting, a ramp that automatically retracts as tire is lifted.
- Dimensions: 45" x 30-1/2" x 35"
- Weight: 310 lbs.



Part #	Description	Qty/Box
6551	Economy Tire Spreader	1

Extruder

Part #	Description	Qty/Box
6790LP-110	Standard Mini Extruder 110V	1
6790LP-220V	Standard Mini Extruder 220V	1



Pressure Gauges

Part #	Description	Calibration	Qty/Pack
175	Truck gauge, dual-head	20-120 psi, 2 lb. increments	10
176	Truck gauge, dual-head	10-150 psi, 2 lb. increments	10
179	Truck gauge, straight-head	20-150 psi, 2 lb. increments	10
180	Automotive gauge, angle-head	10-50 psi, 1 lb. increments	10
181	Truck gauge, angle-head, high impact chrome body.	20-120 psi, 2 lb. increments	10
182	Agricultural gauge, air/liquid filled tires	5-50 psi 1 lb. increments	10
183	Truck gauge, dual-head, chrome body.	10-120 psi, 2 lb. increments	10
184	Truck gauge, dual-head	20-120 psi, 2 lb. increments	10
185	Tread Depth Gauge: reads 0" to 1" in 1/32 increments.		10





Tire Mounting Products

TIRE MOUNTING COMPOUNDS

PREMA Tire Mounting Compounds contain rust inhibitors and will not separate or liquefy.

UNIVERSAL MOUNTING PASTE

- Excellent Lubrication • Superior "Tack" • Reduces tire/rim slippage
- TPMS compatible • Great for low profile and run flat tires
- Will not discolor/harm alloy & polished wheels

SKU #	Part #	Description	Size lbs.	Size kg	Qty/Box
2201100	PEP-8	Universal Mounting Paste	7.7 lbs	3.5 kg	4
2201150	PEP-8N	Universal Mounting Paste - Low Profile Pail	7.7 lbs	3.5 kg	4
2201130	PEP-BK	Bracket for PEP-8 Universal Mounting Paste			1
2201180	PEP-BKN	Bracket for PEP-8N Low Profile Pail			1



BLACK-ICE Stop Rust Rim Release

- Lubricates rim and tire for easy mounting & demounting • Protects against rust & corrosion
- Prevents rim and bead from bonding

SKU #	Part #	Description	Size lbs.	Size kg	Qty/Box
2480-25		Black-Ice Stop Rust Rim Release	25 lbs.	11.34 kg	1



TIRE MOUNTING LIQUID LUBE - LIQUID LUBE BLUE (Ready To Use)

- Excellent Lubrication • Superior "Tack" and Bead Seating qualities
- Reduces tire/rim slippage • Near neutral pH factor

SKU #	Part #	Description	Size US gal.	Size liter	Qty/Box
2201010	PTL-1G	Tire Lube - Pre-Mix	1	3.8	4



Tire Talc

Use when repairing or changing tube type tires. Helps prevent tubes from sticking, chaffing and pinching.

SKU #	Part #	Description	Size oz	Size gm	Qty/Box
2209020	PTT-1	Tire Talc	16	454	12



Leak Detector

PREMA Leak Detector can be used on tires, tubes, valves, and rims. It is available in a ready-to-use spray bottle, or a concentrate.

SKU #	Part #	Description	Size fl. oz	Size ml	Qty/Box
2209170	PLD-32	Leak Detector (Ready to use)	32	946	4
2209180	PLD-32C	Leak Detector (Concentrate)	32	946	4





Passenger, Light Truck, Enkei Style Valves

Snap-In/Clamp-In Valves for tubeless passenger and light truck tires. All valves are equipped with a HI-TEMP valve cores.

Part No	Description	Rim Hole Dia. Inch	Valve Size Inch	Valve Size mm	Box/Qty
TR-412	Snap-In Valve	.453"	1	25	500
TR-412C	Snap-In Valve, Chrome	.453"	1	25	500
TR-413	Snap-In Valve	.453"	1-¼	31	500
TR-413C	Snap-In Valve, Chrome	.453"	1-¼	31	500
TR-414	Snap-In Valve	.453"	1-½	37	500
TR-415	Snap-In Valve	.625"	1-¼	31	500
TR-416	Clamp-In Custom Wheel Valve	.453"	1-7/16	39	100
TR-417	Torondao/Eldorado Clamp-In Valve				5
TR-418	Snap-In Valve	.453"	2	50	500
TR-418C	Snap-In Valve, Chrome	.453"	2	50	500
TR-423	Snap-In Valve	.453"	2-½	62	500
TR-425	Snap-In Valve	.625"	2-½	62	500
TR-600HP	High Pressure Snap-In Valve	.453"	1-¾	45	500
TR-602HP	High Pressure Snap-In Valve	.453"	2	50	500
TR-801HP	High Pressure Snap-In Valve	.625"	1-¾	31	500
TR-802HP	High Pressure Snap-In Valve	.625"	2	50	500
1-810	Clamp-In Valve, Chrome	.453"	1-¾	31	100
1-811	Clamp-In Valve, Brass	.453"	2	50	100
1-860	ENKEI Style "Mini"	.453"			50
1-816	ENKEI Style 45° Bend	.453"			50
1-815	ENKEI Style "Short"	.453"			50

"Snap-In" valves packed 50 per bag/10 bags per box



Clamp-In Brass Truck Valves

Brass Clamp-In Valves for Tubeless Truck and Bus tires. Compatible with all standard 5/8" side hole mount. Complete with metal valve cap and HI-TEMP valve core.

Part No	Description	Valve Size Inch	Valve Size mm	Box/Qty
TR-500	Brass Truck Valve	2-5/32	54	100
TR-500A	Brass Truck Valve, 23° bend	2-5/32	54	100
TR-501	Brass Truck Valve	1-½	32	100
TR-570	Brass Truck Valve	3-5/32	82	100
TR-571	Brass Truck Valve	3-3/8	85	100
TR-572	Brass Truck Valve	3-¾	95	100
TR-573	Brass Truck Valve	4-3/8	110	100
TR-574	Long Clamp-In Brass Valve	5	125	100
TR-575	Brass Truck Valve	1-5/8	29	100
TR-501-OV	Oval Rim Hole Brass Truck Valve	1-¼	31	100

Clamp-In Brass Truck Valves packed 10 per bag/10 bags per box





Metric Clamp-In Valves

Designed for tubeless truck and bus tires mounted on aluminum wheels with .389 (9.7mm) valve holes.

Part No	Description	Valve Size mm	Box/Qty
TR-542	Clamp-In Valve	32	100
TR-543	Clamp-In Valve	60	100
TR-543C	Clamp-In Valve, w/45° bend	60	100
TR-543D	Clamp-In Valve, w/60° bend	60	100
TR-543E	Clamp-In Valve, w/75° bend	60	100
TR-544	Clamp-In Valve	73	100
TR-544D	Clamp-In Valve, w/60° bend	73	100
TR-545	Clamp-In Valve	90	100
TR-545D	Clamp-In Valve, w/60° bend	90	100
TR-545E	Clamp-In Valve, w/75° bend	90	100
TR-546	Clamp-in Valve	110	100
TR-546D	Clamp-in Valve, w/60° bend	110	100
TR-546E	Clamp-in Valve, w/70° bend	110	100
TR-547D	Clamp-in Valve, w/60° bend	110	100



10 per bag/10 bags per box

Metric Clamp-In Valves

Snap-In/Clamp-In Valves for tubeless passenger and light truck tires. All valves are equipped with a HI-TEMP valve cores.

Compatible with aluminum wheel designs with .389 valve hole. Produced with Viton grommets, all PREMA clamp-in valves are equipped with high temperature valve cores.

- Viton grommets offer a greater temperature range, a better seal, and a longer service life.
- Easier installation than other Metric valve designs

Part No	Description	Bending angle (°)	Valve Size mm	Box/Qty
TR-552	Clamp-In Valve		32	100
TR-553	Clamp-In Valve		60	100
TR-553C	Clamp-In Valve	45	60	100
TR-553E	Clamp-In Valve	75	60	100
TR-554D	Clamp-In Valve	60	73	100
TR-555D	Clamp-In Valve	60	90	100
TR-555E	Clamp-In Valve	75	90	100



10 per bag/
10 bags per box

Aluminum Wheel Truck Valves

Designed for use with drop-center aluminum wheels. These quality single-bend valves have a 5/8" bottom hole and come with dome-type valve cap and HI-TEMP valve core.

Part No	Description	Valve Size Inch	Valve Size mm	Box/Qty
TR-509	Aluminum Wheel Valve	4-3/4	120	100
TR-510	Aluminum Wheel Valve	5-1/2	140	100
TR-511	Aluminum Wheel Valve	4-1/4	107	100



10 per bag/
10 bags per box

Agricultural/OTR Clamp-In Valves

"Fast Flow" Valve Cores promote rapid filling of air or liquids.

Part No	Description	Box/Qty
TR-618A	Agricultural/OTR Clamp-In Valve, fast flow valve core	50
TR-621A	Agricultural/OTR Clamp-In Valve, with 65° bend, .625" rim hole	50



10 per bag/
5 bags per box



Valve Cross Reference

Part No	Description	Length (inch)	Bending angle (°)	UOM	TR No.	Hamaton	Dill	Haltec	Myers	31Inc	ETRT0	Tech
TR-412	Snap-in Valve	3/8		500	TR412	1-101	T-12R	TV-412	26118	17-412-500		TR412
TR-412C	Snap-in Valve, chrome	3/8		500	TR412C	1-101C				17-412-1		
TR-413	Snap-in Valve	1/4		500	TR413	1-102	T-13R	TV-413	21173	17-413-500	V2-03-1	TR413
TR-413C	Snap-in Valve, chrome	1/4		500	TR413C	1-102C	T-13S	TV-413-CH	22130	17-413-1		TR413CH
TR-414	Snap-in Valve	1 1/2		500	TR414	1-103	T-14R	TV-414	21174	17-414-500	V2-03-02	TR414
TR-415	Snap-in Valve	1/4		500	TR415	1-107	T-15R	TV-415	21170	17-415-500	V2-03-3	TR415
TR-416	Clamp-In Truck Valves			100	TR416	1-801	VS-902	TV-416	21583	17-416		VH521MS
TR-417	Tornado/Eldorado clamp-in valve											
TR-418	Snap-In Valve	2		500	TR418	1-105	T-18R	TV-418	21175	17-418-500	V2-03-4	TR418
TR-418C	Snap-in Valve, chrome	2		500	TR418C		T-18S	TV-418-CH		17-418-1		TR418CH
TR-423	Snap-In Valve	2 1/2		500	TR423	1-106	T-23R	TV-423	21177	TR-423-500		TR423
TR-425	Snap-In Valve	2 1/2		500	TR425	1-108	T-25R	TV-425	22188	17-425		TR425
TR-500	Clamp-In Brass Valve	2 1/2		100	TR500	1-201	VS-500	TV-500	23150	17-500T		VH724MS
TR-500A	Brass truck valve	2 1/2	23	100								
TR-501	Clamp-In Brass Valve	1 1/2		100	TR501	1-202	VS-501	TV-501	23149	17-501T		VH723MS
TR-5010V	Clamp-In Brass Valve	1 1/2 x 3/4		100	TR5010V	1-209			22050	17-5010V		
TR-509	Alum Wheel Valve	4 1/4		100	TR509	1-301	VS-946R	TV-509	24111	17-509		VH756
TR-510	Alum Wheel Valve	5 1/2		100	TR510	1-302	VS-879R	TV-510	24110	17-510		VH758
TR-511	Alum Wheel Valve	4 1/4		100	TR511	1-303	VS-949R	TV-511	24112	17-511		VH755
TR-542	Metric Valve, 32mm			100	TR542							
TR-543	Metric Valve, 60mm			100	TR543	1-502	VS-543	TV-543	24252			
TR-543C	Metric Valve, 60mm		45	100	TR543C	1-502C	VS-543C	TV-543C	24236	17-543C		
TR-543D	Metric Valve, 60mm		60	100	TR543D	1-502D		TV-543D	24251	17-543D		
TR-543E	Metric Valve, 60mm		75	100	TR543E	1-502E	VS-543E	TV-543E	24253	17-543E		
TR-544	Metric Valve, 73mm			100	TR544	1-503	VS-544	TV-544	24240	17-544		VH733
TR-544D	Metric Valve, 73mm		60	100	TR544D	1-503D	VS-544D	TV-544D	24250	17-544D		VH734
TR-545	Metric Valve, 90mm			100	TR545	1-504	VS-545	TV-545	24242	17-545		VH735
TR-545D	Metric Valve, 90mm		60	100	TR545D	1-504D	VS-545D	TV-545D	24243	17-545D		VH736
TR-545E	Metric Valve, 90mm		75	100	TR545E	1-504E	VS-545E	TV-545E	24237			
TR-546	Metric Valve, 110mm			100	TR546	1-505						
TR-546D	Metric Valve, 110mm		60	100	TR546D	1-505D	VS-546D	TV-546D	24244	17-546D		
TR-546E	Metric Valve, 110mm		75	100	TR546E	1-505E	VS-546E	TV-546E	24239	17-546E		
TR-547D	O-Ring Seal Valve		60	100	TR547D	1-506D	VS-547D	TV-547D	24247			
TR-552	Clamp-in valve, 32mm			100								
TR-553	Clamp-In Valve, 60mm			100		1-553	VS-553	TV-553	24506			
TR-553C	Clamp-In Valve, 60mm		45	100		1-553C	VS-553C	TV-553C	24507			
TR-553E	Clamp-In Valve, 60mm		75	100		1-553E	VS-553E	TV-553E	24508			
TR-554D	Clamp-In Valve, 73mm		60	100		1-554D	VS-554D	TV-554D	24509			
TR-555D	Clamp-In Valve, 90mm		60	100		1-555D	VS-555D	TV-555D	24510			
TR-555E	Clamp-In Valve, 90mm		75	100		1-555E	VS-555E	TV-555E	24511			
TR-570	Clamp-In Valve	3 1/2		100	TR570	1-203	VS-570	TV-570	24161	17-570T	V3-21-4	VH725MS
TR-571	Clamp-In Valve	3 1/2		100	TR571	1-204	VS-571	TV-571	24162	17-571T	V3-21-5	VH726MS
TR-572	Clamp-In Valve	3 1/2		100	TR572	1-205	VS-572	TV-572	24163	17-572T	V3-21-7	VH727MS
TR-573	Clamp-In Valve	4 1/2		100	TR573	1-206	VS-573	TV-573	24164	17-573T	V3-21-7	VH728MS
TR-574	Clamp-In Valve	5		100	TR574	1-207	VS-574	TV-574	24165	17-574T	V3-21-8	
TR-575	Brass Truck Valve	1 1/8		100	TR575	1-208		TV-575	24109			VH722MS
TR-600HP	Hi-Pressure Snap-in Valve	1 1/4		500	TR600HP	1-401		TV-600HP	24120	17-600HP		VH600HP
TR-602HP	Hi-Pressure Snap-in Valve	2		500	TR602HP	1-402		TV-602HP	24121	17-602HP		
TR-618A	Air/Water Clamp-In Valve			50	TR618A	1-1250		TV-618A	24147		V5-01-1	VH596
TR-621A	Ag./OTR Clamp-in Valve			50	TR621A	1-1251		TV-621A	24148		V5-02-1	VH580
TR-801HP	Hi-Pressure Snap-in Valve	1 1/4		500	TR801HP	1-403		TV-801-HP	23190	17-801HP		
TR-802HP	Hi-Pressure Snap-in Valve	2		500	TR802HP	1-404		TV-802-HP	23191	17-802HP		
1-810	Clamp-in Valve	1 1/4		100	TBD	1-810	VS-902	N-1600		17-428		
1-811	Clamp-in Valve	2		100	TBD	1-811	VS-962C	TV-416MC	24186	17-429		
1-860	ENKEI Style "Mini"	1 1/4		50	TBD	1-860		TV-6030	24117			
1-816	ENKEI Style		45	50	TBD	1-816		TV-6020	24118			
1-815	ENKEI Style "Short"	1 1/2		50	TBD	1-815						



PREMA TPMS SOLUTIONS

PREMA U-PRO offers a high quality and innovative TPMS product range, manufactured in an OE environment with the strictest and most exacting level of inspection and testing. TPMS sensors are manufactured and tested on a fully automated production line. The TPMS range includes the universal **PREMA U-PRO Hybrid sensor**, tools, valves, service parts and **PREMA U-PRO's** diagnostic tools, manufactured by market leader, **ATEQ**.



WE TAKE TPMS SERIOUSLY

PREMA PREM-H47 TPMS SCAN TOOL

- Powered by ATEQ
- Programs/Configures U-Pro 2.0 TPMS Sensors within seconds
- Displays all sensor data in seconds (ID, Tire Pressure, Tire Temperature and Battery status)
- Copy/Clone a TPMS Sensor
- Copy a Set of TPMS Sensors
- Integrated OBDII Module
- Unlock ECU for Toyota Vehicles
- Manual ID Entry
- Retrieve IDs from ECU
- Placard Pressure Change
- Includes ATEQ's patented OBD Sync-ID
- 60% of all Direct TPMS vehicles can relearn through the OBD with the PREMA H47
- Provides OEM, U-Pro Hybrid 2.0 & TPMS Replacement Valve/Service Kit Part Number
- On-Board Relearn Procedures
- Interface in multiple languages
- Easy to read 2.8" Color Display
- Charger & Cable Connector Included
- Plastic Carrying Case



Part #	Description	Qty
PREM-H47	PREMA PREM-H47 TPMS SCAN TOOL	1

**2 Years Manufacturer's Warranty on
PREM-H47 Diagnostic Tool and
FREE LIFETIME SOFTWARE UPDATES!**





PREMA U-PRO Hybrid 2.0 TPMS Sensor

Dual Band / Multi-Frequency Sensor with Rubber Snap-In Valve
CONFIGURABLE AND PROGRAMMABLE.

- Dual Band / Multi-Frequency—Covers 314.95, 315, 433, 433.95 and 434 MHz
- Configurable and Programmable
- The only available Dual Band / Multi-Frequency, Configurable and Programmable TPMS Sensor in the market today
- Interchangeable valves—Easily swap Snap-In and Clamp-In valves
- Auto-location functionality for LOS, WAL and PAL technologies
- 97% True Vehicle Coverage, Includes 2019 and 2020 models
- Fastest configurable / programmable sensor in the market
- High Pressure Valve Stem Rated at 115 PSI
- Multi-Fitment TPMS Sensor Body: Most popular TPMS Valves already in the market today fit the PREM-ONE Sensor (For example 6-207, 20008/20018, VS950)



3 Years Manufacturer's Warranty

Part #	Description	Qty/Box
PREM-ONE	PREMA U-PRO Hybrid 2.0 TPMS Sensor	1



Configurable Sensor: A sensor that contains a variety of protocols that have already been programmed to a chip within the sensor. A TPMS scan tool is required to activate the protocol that is relevant to a select vehicle.

Programmable Sensor: A sensor that can receive uploaded vehicle protocol via a TPMS scan tool.

TPMS STARTER BUNDLE

PREM-TPMSB5 Kit

Part #	Description	Qty
PREM-TPMSB5	PREM-TPMSB5 Kit	1

PREM-TPMSB5 Kit Includes:

- 20 x PREMA U-PRO Hybrid 2.0 TPMS Sensor (PREM-ONE)
- 1 x PREM-H47 Diagnostic Tool with Integrated OBDII Module
- 1 x Connector
- 1 x Universal Charger
- Plastic Carrying Case



FREE LIFETIME SOFTWARE UPDATES!

+



2 Years Manufacturer's Warranty on PREM-H47 Diagnostic Tool and FREE LIFETIME SOFTWARE UPDATES!



VT56 OBDII TPMS Diagnostic & Reset Tool

A comprehensive TPMS diagnostic tool with intuitive features and functions that promote user-friendliness, speed, accuracy and intelligence. This tool enables technicians to manage TPMS through every step of the process from start to finish.

Features & Benefits

- VIN barcode scanner select's Make, Model and Year in seconds
- Activates, diagnoses and reads 100% of OE and Aftermarket TPMS sensors, up to 2020 coverage
- Programs over 20 different brands of Aftermarket sensors
- 98.6% TPMS reset coverage for all vehicles globally including Domestic, Asian and European
- Provides direct (OBD, auto, manual) and indirect TPMS relearn procedures
- ECU unlock for Toyota, Scion, and Lexus models with TPMS reset button/closed loop issue
- WiFi update feature allows to update the tool without the use of a PC.
- An entire customer management system from bay to counter via customer portal (WebVT)
- Program by create, copy, copy by OBD, copy by set of sensors, TPMS ID input
- Displays all sensor data on one screen
- Optional Tire Tread Depth Gauge provides a complete tire management system with ability to display tire tread readings for the tire's inner, outer and center tread.



1 Year Warranty on VT56 Diagnostic Tool & 2 Years of Free Software Updates!

Part #	Description	Qty
104100056	ATEQ VT56 TPMS Diagnostic Tool & Reset Tool	1

ATEQ OBDII MODULE

PREM-H46 Accessory or replacement OBDII Module for ATEQ VT56.

An OBDII module is necessary for many Asian and European vehicles to enable relearn mode. Relearn mode enables a vehicle to copy the sensor ID's when a TPMS tool is used to activate or trigger a sensor.

Part #	Description	Qty
PREM-H46-OBD	PREMA/Ateq OBDII MODULE	1



Torque Kit

Allows the Technician to install the valve and sensor correctly making sure all torque settings are applied.

Contents:

- Torque Wrench Kit
- Valve Core Torque Tool
- Rubber Grommet Pick Tool
- Sleeve for Torque Wrench
- Torque Tool for Valve and Sensor Assembly
- Rubber Grommet Removal Tool
- T5, T10, T15, and T20 Torx Heads
- Valve Core Tool.

Part #	Description	Qty
104100001	Torque Kit	1



Torque Valve Core Tool

Part #	Description	Qty/Box
104000032	Torque Valve Core Tool	10





6-266 CLAMP-IN Metal Valve for PREM-ONE

- 2 year manufacturer's warranty Valve Stem Rated at 115 psi.

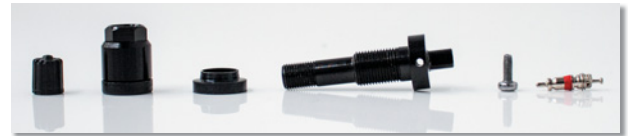
Part #	Description	Qty/Box
6-266	CLAMP-IN Metal Valve for PREM-ONE	10



6-266BK CLAMP-IN Black Metal Valve for PREM-ONE

- 2 year manufacturer's warranty Valve Stem Rated at 115 psi.

Part #	Description	Qty/Box
6-266BK	CLAMP-IN Black Metal Valve for PREM-ONE	10



6-207 OE SNAP-IN for PREM-ONE

- 2 year manufacturer's warranty Valve Stem Rated at 115 psi.

Part #	Description	Qty/Box
104100404	6-207 OE SNAP-IN for PREM-ONE	10



Alternate Option: 6-207A-1 (Bag 100). Valve Stem Rated at 68 psi.

6-207A-1 / Snap in Valve for PREM-ONE / Schrader EZ-sensor®

Part #	Description	Qty/Box
104100005	6-207A-1/ Snap in Valve for Schrader EZ-sensor®	100

Cross Reference

PREMA USA Hamaton Product	Dill	31 Inc.	Alligator	Schrader
6-207 / 6-207A-1	VS-950	17-20018	591320	20018



Schrader EZ-sensor® (315 & 433MHz)

Schrader's® new single SKU solution enables ONE EZ-sensor® to cover over 100 million TPMS-enabled vehicles in North America.

Part #	Description	Qty/Box
104100035	33500B Schrader EZ-sensor® (315 & 433MHz)	12



6-234 / Clamp-in Metal Valve for Schrader EZ-sensor®

Part #	Description	Qty/Box
104100006	6-234 / Clamp-in Metal Valve for Schrader EZ-sensor®	10



TPMS Valve Cap, TPMS Valve Core

Part #	Description	Qty/Box
104100039	TPMS Valve cap, black	100
TRC1 HT	TPMS Compatible, High Temperature Valve core Standard bore, Nickel plated	100





PREMA Products, Inc.

1500 Industrial Blvd., Madison, GA 30650, USA

Customer Service

Toll Free: 866-657-7362 • Fax: 770-234-4119

www.premaproducts.com



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