

Part 14 Automotive

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14.1 TIRE REPAIR

Master Tire Repair Assortment



Full Kit P/N 93073

Refill Kit P/N 95086*

**Includes everything except the Cabinet.*

Contents

- 0.12" Brass Hand Wire Scratch Brush
- 3 x 7 Brass Brush w/ Plastic Handle
- Solve-Prep
- Small Round Combi-Units w/ Pilot Wire
- Medium Round Combi-Units w/ Pilot Wire
- Small Round Patch-N-Plug—Non-Reinforced
- Medium Round Patch-N-Plug—Non-Reinforced
- 8 oz. Chemical Cement
- 32 oz. Buffing Solution
- 32 oz. No Drip Formula Bead Sealer
- 4" Fat Brown Posi-Cord String
- Metal T-Handle Split Eye Needle
- Pistol Grip Probe
- Skiving Knife
- 1-1/4 x 1/8 Ball Bearing Stitcher
- 2-1/2 Dia. Buffing Wheel, Fine Grit
- Buffing Rasp, 80 Grit
- 1/4" Arbor for Mounting Buffing Wheels
- Valve Core Tool, Screwdriver Handle
- 4-In-1 Valve Repair Tool
- 1/4 Carbide Cutter
- White Marking Crayon
- Passenger/Light Truck Pressure Gauge
- 16 oz. Brush Top Liner Sealer
- Rubber Scraper

Tire Patches

Combi-Unit with Pilot Wire

A small diameter steel pilot wire is molded into the plugs on these Combi-Units. When the wire is pulled through the injury, the plug fills the injury and the patch seals the innerliner.

Use with Chemical Cement (93004)



No.	Description	Stem Size	Qty
93000*	Small Round	1/4	5
93001*	Medium Round	3/8	5

Patch-N-Plug Non-Reinforced

Patch-N-Plugs are recommended for the repair of radial and bias ply passenger tires. The all rubber construction provides maximum flexibility and easy installation. Use with Chemical Cement (93004)



No.	Description	Stem Size	Qty
93002*	Small Round	1/4	5
93003*	Medium Round	3/8	5

Patch-N-Plug Reinforced For Radial Tires

Reinforced Patch-N-Plugs vulcanizes to the innerliner and fills the injury. Use with Chemical Cement (93004)



No.	Description	Stem Size	Qty
93007*	Small Reinforced	1/4	5
93008*	Medium Reinforced	3/8	5

* Use in conjunction with 93055 & 93056 Carbide Cutters

14.1 TIRE REPAIR

Temporary Repairs

Inserts, Rubber Plugs & Brown Strings are recommended for temporary tire repair of non-highway service tires only.

Magicure Pli-Seal

These are designed for nail hole injuries in all tubeless tires.

Use with Chemical Cement (93004)

No.	Description	Plug Size	Qty
93009	Regular	2-1/2 x 1/4	50
93010	Regular, Orange	2-1/2 x 1/4	50



Posi-Cord String

Rubber impregnated for vulcanization. Recommended for non-highway service tires only.

No.	Description	Qty
93012	7" Narrow Black	50
93013	4" Fat Brown	25
93014	8" Fat Brown	25



Kits

No.	Description	Qty
93015	Fat-Brown String Kit Includes: String, Cement and Tools	1
93016	Deluxe Brown String Kit Includes: Lube, Knife and 4" Fat Brown String Repair	1



14.1 TIRE REPAIR

Chemicals

Buffing Solution

Dissolves and removes lubricants and contaminants from innerliner before buffing.

FLAMMABLE

No.	Description	Qty
93005	Buffing Solution 32 oz.	1
74169	Solve Prep Aerosol 13 oz.	1



Chemical Cement

Super fast drying cement for use with all patches and plugs. **FLAMMABLE**

No.	Description	Qty
93004	Chemical Cement 8 oz.	1



Liner Sealer

Designed for use around the edges of repair units, overbuff areas and on porous innerliners.

FLAMMABLE

No.	Description	Qty
93079	Liner Sealer 16 oz. Brush Top Cap	1



No Drip Formula Bead Sealer

Helps to prevent leaks between the tire bead and rim. **FLAMMABLE**

No.	Description	Qty
93006	Bead Sealer 32 oz.	1



Marking Tools

No.	Description	Qty
93057	Yellow Paint Stick	1
93058	White Paint Stick	1
93059	Yellow Marking Crayon	1
93060	White Marking Crayon	1



14.1 TIRE REPAIR

Air Chucks



P/N 86600



P/N 93052



P/N 86604



P/N 93051



P/N 86596



P/N 86598

No.	Description	Qty
86596	1/4" FNPT Dual-Straight-Foot Air Chuck	1
86598	1/4" FNPT Dual-Straight-Foot Air Chuck, 12" Long	1
86604	1/4 NPT Ball Chuck Clip-On Type, Closed	1
86600	Angle Chuck	1
93051	Air Chuck Clip	1
93052	1/4 NPT Ball Chuck, Closed	1

Air Pressure and Tread Depth Gauges

No.	Description	Qty
93070	Passenger/Light Truck Pressure Gauge 10-50 psi Calibrated in 1 pound increments	1
93071	Dual Head Truck Pressure Gauge 10-120 psi Calibrated in 2 pound increments	1
93072	Tread Depth Gauge, reads 0" to 1" in 1/32 increments	1
86623	Heavy Duty Dual Head Service Gauge	1



P/N 93070



P/N 86623



P/N 93071



P/N 93070



Tire Inflator Gauge

Features

- Heavy, chrome plated castings with protective vinyl sleeve over dial tube.
- All brass internal parts.
- Plated steel is riveted to body—will not come off.
- Solid brass triangle dial with extra large markings can be read easily from any angle.
- Valve and dial units easily replaced in the field.
- Calibrated 10 - 120 psi in 2 psi increments.
- 2" hose with swivel dual-foot chuck.

No.	Description	Qty
86602	Tire Inflator Gauge	1

14.1 TIRE REPAIR

Tire Repair Tools

Brushes

No.	Description	Qty
93021	2" Large Application Brush	1
93019	Swab	1



Inserting Tools

No.	Description	Qty
93020	Pistol Grip Open-Eye Needle	1
93022	Pistol Grip Split-Eye Needle	1
93023	Metal T-Handle Split-Eye Needle	1
93024	Pistol Grip Probe	1



Stitchers, Knives & Scrapers

No.	Description	Qty
93025	Skiving Knife	1
93026	1-1/4 x 1/8 Ball Bearing Stitcher	1
93028	2 x 1/4 Ball Bearing Stitcher	1
93080	Rubber Scraper	1
54614	3 x 7 Brass Plastic Brush Handle	1



14.1 TIRE REPAIR

Tire Repair Tools

Cup Rasps and Carbide Cutters

No.	Description	Qty
93027	2-1/2 Dia. Buffing Wheel, Fine Grit	1
93029	Buffing Rasp, 80 Grit	1
93055	1/4 Carbide Cutter	1
93056	3/8 Carbide Cutter	1



P/N 93027



P/N 93029



P/N 93055



P/N 93056

Arbor

No.	Description	Qty
93030	1/4" Arbor for mounting Buffing Wheels	1



14.1 TIRE REPAIR

Valves

Assortments Avail.

		95084		

Snap-In Valves

No.	Description	Hole Size	Qty
93032	1-1/4" Snap-In Valve	.453"	5
93033	1-1/2" Snap-In Valve	.453"	5
93034	1-1/4" Snap-In Valve	.625"	5
93035	2" Snap-In Valve	.453"	5
93036	1-3/4" High Pressure Snap-In Valve	.453"	5
93037	2" High Pressure Snap-In Valve	.453"	5
93038	1-1/4" High Pressure Snap-In Valve	.625"	5
93039	2" High Pressure Snap-In Valve	.625"	5



Snap-In Valve

P/N's
93032
93033
93034
93035



High Pressure
Snap-In Valve

P/N's
93036
93037
93038
93039

Truck Valves

No.	Description	Hole Size	Valve Size	Qty
93074	Clamp-In Brass Truck Valve	5/8	1-1/2	5
93075	Clamp-In Brass Truck Valve	5/8	3-9/32	5
93076	Clamp-In Brass Truck Valve	5/8	4-3/8	5
93077	Aluminum Wheel Truck Valves	5/8	5-1/2	3
93078	Aluminum Wheel Truck Valves	5/8	4-1/4	3



Aluminum Wheel
Valve

P/N's
93077
93078

Assortments Avail.

		95085		



Brass Valve

P/N's
93074
93075
93076

Metric Clamp-In Valve

No.	Description	Hole Size	Valve Size	Qty
93087	Aluminum Wheel Truck Valve w/60° Bend	.389 (9.7mm)	90mm	3

Metric Clamp-In
Valve
P/N 93087



14.1 TIRE REPAIR

Valve Caps

No.	Description	Qty
93040	Dome Type Standard Plastic Cap	100
93042	Skirted Dome Type Heat Resistant Metal Cap	25
93043	Hex Head Chrome Valve Cap	25
93061	Fork-Type Standard Metal Cap	25
93062	Dome-Type Standard Metal Cap	25
93063	Green Valve Cap Nitrogen Fill	100
93064	Fork-Type Large Bore Valve Cap	10
93065	Hex Head Large Bore Valve Cap	10



Assortments Avail.

95084	
95085	



Valve Cores

No.	Description	Qty
93041	Short High Temp Valve Core	10
93066	Long High Temp Valve Core	10
93067	Large Bore Valve Core	10



Valve Tools

No.	Description	Qty
93046	Torque Valve Core Tool (3 In. Lbs to 3.5 In. Lbs)	1
93047	Screwdriver Handle Valve Core Tool	1
93048	4-in-1 Valve Repair Tool	1
93049	Valve Removal/Inserting Tool	1
93050	Solid Bar Pull Thru Valve Inserting Tool	1
93068	Large Bore 4-in-1 Valve Repair Tool	1
93069	Standard & Large Bore Screwdriver Style Valve Core Removal & Inserting Tool	1

Assortments Avail.

95087	
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Tire Pressure Monitoring Systems

No.	Description	Qty
93081	TPMS Sensor, 315MHz	1
93082	TPMS WAP Sensor, 433 MHz	1
93083	Replacement TPMS Snap-In Valve	1
93084	Replacement TPMS Metal Valve	1
93085	TPMS Torque Kit	1
93086	TPMS Diagnostic & Reset Tool	1



P/N 93081



P/N 93082



P/N 93083



P/N 93084



P/N 93085



P/N 93086

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 and T10 Torx Head
- Valve Core Tool

Contents

- TPMS Diagnostic & Reset Tool
- TPMS activator
- Training CD

14.2 WHEEL WEIGHTS

MC Style

Assortments Avail.

						95088			
						95091			

No.	Description	Qty
93112*	.25 Steel	25
93113	.50 Zinc	25
93114	.75 Zinc	25
93115	1.00 Zinc	25
93116	1.25 Zinc	25
93117	1.50 Zinc	25
93118	1.75 Zinc	25
93119	2.00 Zinc	25
93120	2.25 Zinc	25
93121	2.50 Zinc	25
93122	2.75 Zinc	25
93123	3.00 Zinc	25



- The MC series wheel weight is mostly used on domestic vehicles equipped with alloy rims. The MC Series is the most sold and installed zinc series wheel weight for alloy rims.
- Fits many brands like Buick, Chevrolet, Chrysler, Dodge, Ford, Mazda, Oldsmobile, Pontiac and Saturn.
- Available Sizes: 0.25 oz. - 3 oz.
- *Available in steel only

P Style

Uncoated

Assortments Avail.

						95089			
						95091			

No.	Description	Qty
93124	.25 Zinc	25
93125	.50 Zinc	25
93126	.75 Zinc	25
93127	1.00 Zinc	25
93128	1.25 Zinc	25
93129	1.50 Zinc	25
93130	1.75 Zinc	25
93131	2.00 Zinc	25
93132	2.25 Zinc	25
93133	2.50 Zinc	25
93134	2.75 Zinc	25
93135	3.00 Zinc	25



- The P series wheel weight is the most common weight for passenger car steel wheels.
- Fits steel wheels 13" - 17" with a standard-width rim flange thickness.
- Available Sizes: 0.25 oz. - 3 oz.

14.2 WHEEL WEIGHTS

FN Style

Assortments Avail.

95090
95091

No.	Description	Qty
93137	10 Gr Zinc	25
93138	15 Gr Zinc	25
93139	20 Gr Zinc	25
93140	25 Gr Zinc	25
93141	30 Gr Zinc	25
93142	35 Gr Zinc	25
93143	40 Gr Zinc	25
93144	45 Gr Zinc	25
93145	50 Gr Zinc	25
93146	55 Gr Zinc	25
93147	60 Gr Zinc	25



The FN series wheel weight is primarily used on Japanese vehicles equipped with alloy wheels.

Fits many brands like Acura, Honda, Infiniti, Lexus, Nissan and Toyota.
Available Sizes: 10g - 60g

Adhesive Style

No.	Description	Qty
93148	60 g OEM Quikstik	5 strips
93149	3 oz. AM Quikstik	5 strips



P/N 93148



P/N 93149

Low profile adhesive weights in a 60g strip that features an OEM powder coating for corrosion protection.

Features

- Size: 0.1875" height, 0.875" width
- 5 g segments, 60 g per strip
- Low profile adhesive weights in a 3 oz. strip that features an aftermarket optimized coating for corrosion protection.
- Size: 0.1875" height, 1" width
- 0.25 oz. segments, 3 oz. per strip

14.2 WHEEL WEIGHTS

Wheel Weight Tools

No.	Description	Qty
93153	Alloy Hammer w/ Double Side Soft Face	1
93154	Wheel Weight Pliers w/ Clip Claw	1
93155	Wheel Weight Pliers w/ Soft Head	1
93156	Alloy Hammer & Clip Claw Horn	1
93157	Adhesive Scraper	1
93158	Rim Gauge for Cars	1
93159	Rim Gauge for Trucks	1
93160	Mid-Alloy Wheel Weight Pliers	1



P/N 93153



P/N 93154



P/N 93155



P/N 93156



P/N 93160



P/N 93157



P/N 93158



P/N 93159

14.3 TIE DOWNS

Heavy Duty Truck Tie-Downs

Features

- CHP rated.
- DOT rated.
- 10,000 lbs break strength.
- 3,333 lbs load limit.
- Maximum cut and abrasion resistance.
- Weather, UV and moisture resistant thermo-dyed webbing.
- 27 ft. long.

Part No.	Description	Qty
98600	Flat Hook	1
98602	J-Hook	1



Snappi-Hookers

Molded Tie-Down Straps

Features

- Heavy-Duty Rubber Hold-Down Straps With “S” Hooks feature reusability and long life.
- Symmetrical design allows either side to be used against a surface and extra stretchability over most other tie-downs.
- Maintains their elasticity at temperatures up to 200°F.
- Resistant to sunlight, smog, diesel fumes and salt water.
- Rated tensile strength of 1600 psi.

Applications

- Trucking, boating and recreational vehicles
- Farming and camping

No.	Length	Qty
84042	15"	1
84044	21"	1
84046	31"	1




14.4 AUTOMOTIVE FASTENERS


















License Plate Screws

No.	Description	Qty
20356	14 x 3/4 Phillips Pan Head Tapping Screw	50
20936	14 x 3/4 Slotted HWH Tapping Screw	50
26020	M6-1.0 x 16MM Hex Flange License Plate Screw	25
26022	M6-1.81 x 15MM Phil Truss Head License Plate Screw	50
26024	#14 x 5/8 Slotted HWH License Plate Screw	50
26026	#14 x 1/2 Dealer License Plate Thumb Screw	25
26028	M6-1.0 x 20MM Phil Pan Head Screw Black E-Coat	50
26030	M6-1.81 x 20MM Phil HWH License Plate Screw	50
26032	#14 x 5/8 Slotted HWH License Plate Screw	50
26034	M6-1.0 x 16MM Slotted Round Head License Plate Screw	100
26036	#14 x 3/4 Slotted Truss Head License Plate Screw	100
26038	#14 Screw Size Nylon Nut	50
26040	M6-1.0 x 20MM Slotted HWH License Plate Screw	50
26042	M6-1.0 x 20MM Slotted Pan Head Screw Black Nylon	100
26044	#14 x 3/4 Slotted HWH Screw Black E-Coat	50
26046	1/4 x 5/8 Slotted Round License Plate Screw	50
26048	1/4 & #14 License Plate Nylon Nut	100

License Plate Screw Assortment
P/N: 95121

THE MAINTENANCE CONNECTION



<p>M6-1.0 x 16MM Hex Flange Screw ZP</p>  <p>P/N 26020</p>	<p>M6-1.0 x 20MM Phil Pan Hd Screw Black E-Coat</p>  <p>P/N 26028</p>	<p>M6-1.0 x 16MM Slotted Rnd Washer Hd Screw ZP</p>  <p>P/N 26034</p>	<p>M6-1.0 x 20MM Slotted HWH Body Bolt ZP</p>  <p>P/N 26040</p>	<p>M6-1.81 x 15MM Phil Truss Hd Screw YZ</p>  <p>P/N 26022</p>
<p>M6-1.81 x 20MM Phil HWH Screw YZ</p>  <p>P/N 26030</p>	<p>14 x 3/4 Slotted HWH TS ZP</p>  <p>P/N 20936</p>	<p>M6-1.0 x 20MM Slotted Pan Hd Screw Black Nylon</p>  <p>P/N 26042</p>	<p>#14 x 5/8 Slotted HWH Screw E-Coat</p>  <p>P/N 26024</p>	<p>#14 x 5/8 Slotted HWH Screw ZP</p>  <p>P/N 26032</p>
<p>#14 x 3/4 Slotted Truss Hd Screw ZP</p>  <p>P/N 26036</p>	<p>#14 x 3/4 Slotted HWH Screw Black E-Coat</p>  <p>P/N 26044</p>			<p>#14 Nylon Nut</p>  <p>P/N 26038</p>
<p>1/4 x 5/8 Slotted Rnd Washer Hd Screw</p>  <p>P/N 26046</p>	<p>#14 x 1/2 Dealer Thumb Screw</p>  <p>P/N 26026</p>	<p>14 x 3/4 Phil Pan Hd TS ZP</p>  <p>P/N 20356</p>		<p>1/4 & #14 Nylon Nut</p>  <p>P/N 26048</p>

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