

**BLACK  
JACK**



# TIRE SUPPLIES

**2019 CATALOG  
TIRE REPAIR  
SUPPLIES AND TOOLS**

**MANUFACTURING  
& WORLDWIDE DISTRIBUTION**

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# TIRE REPAIR KITS

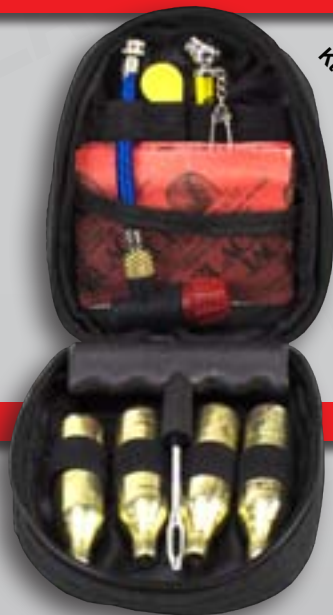
## Kt-340 - PASSENGER CAR



Our Passenger Car Tire Repair Kit is one of our most popular! This kit includes: T-Bone Handle with Spiral Probe, T-Bone Handle with 4" Open-Eye Needle, Screwdriver with Reversible Shaft for Phillips and Flat Head and a Valve Core Tool, Hex Wrench, Specially Formulated Lubricant, Razor Blade (for cutting excess repairs), 20 4" Large Diameter Repairs, and 20 4" Small Diameter Repairs. Our Sharp, Black Case is Industrial Strength, and comes with 2 Slide Locks instead of the standard snap lock. As with all of our kits and repairs, these are **PERMANENT** repairs and are guaranteed for the life of the tire. Never get stranded again with BlackJack's **Kt-340** Passenger Car Tire Repair Kit!

See page 10 for additional repairs.

## Kt-103 / Kt-104 - ATV



Kt-103

Our new ATV Tire Repair Kit is a perfect addition to any outdoors-man, farmer, or homeowner. This kit includes: Easy Grip T-Handle with Open-Eye Needle, Folding Razor Blade, 4 16 gram CO<sup>2</sup> Canisters, Compact On/Off CO<sup>2</sup> Air Flow Valve, Compact Tire Pressure Gauge, and 10x 4" Large Diameter Repairs. This kit is great for any tubeless tire and with the handy travel pouch, you can take it anywhere. Comes in a Blister Package and Cases of 16.



When closed, kit measures roughly 4.5" x 5.5".

## Kt-330 - MULTI USE TIRE REPAIR KITS IN VARIOUS COLORS

Multi Use Tire Repair Kit. Includes T-Bone Handle w/ spiral probe, T-Bone Handle w/ 4" open eye needle, spare 6" open eye needle, screwdriver with reversible shaft & valve core tool, hex wrench, specially formulated lube, razor blade and 30 repairs ( 10 4" large dia., 10 4" small dia., 10 6" small dia.) in a custom form fitted case. Available in Black, Pink, Ford Blue, John Deere Green, Home Depot Orange and Case IH Red colors



**Kt-330G**  
John Deere Green

**Kt-330**  
Black



**Kt-330B**  
Ford Blue

**Kt-330O**  
Home Depot Orange



**Kt-330R**  
Case IH Red Orange

**Kt-330P**  
Pink





# PROFESSIONAL GRADE PERMANENT TIRE REPAIR



Custom-molded heavy duty case built to withstand the harshest conditions

Industrial strength latches



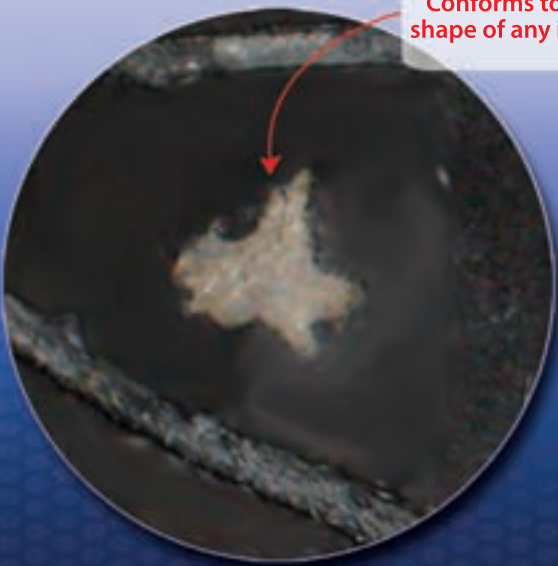
2 T-BONE™ handles with solid steel core and durable rubber grip

Repair needle to insert the repair plus extra needle

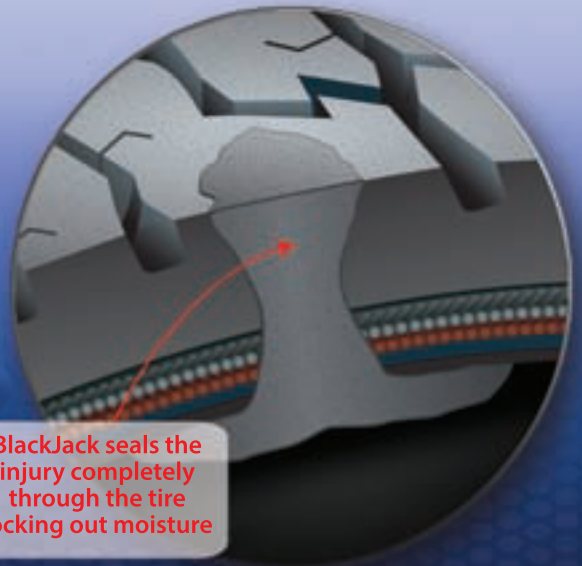
Spiral probe for cleaning the injury

20 large and 20 small diameter repairs

Steel hex wrench for easily replacing probe or needle



Conforms to the shape of any injury



BlackJack seals the injury completely through the tire locking out moisture



# TIRE REPAIR KITS

## Kt-335 - TRUCK



This Truck Tire Repair Kit includes: T-Bone Handle with Spiral Probe, T-Bone Handle with 6" Open-Eye Needle, Spare 6" Open-Eye Needle, Screwdriver with Reversible Shaft for Phillips and Flat Head and a Valve Core Tool, Hex Wrench, Specially Formulated Lubricant, Razor Blade (for cutting excess repairs), 20 6" Small Diameter Repairs, and 15 6" Large Diameter Repairs. All in an Industrial Strength Gray colored Molded Case with two Slide Locks. Don't be caught on the side of the road while on the job, use the **Kt-335** to repair your truck tires, **PERMANENTLY**. Our Self Vulcanizing Repairs are permanent and are guaranteed for the life of the tire. Enjoy the open road without worrying about that dreaded flat tire that you know is going to happen.

See page 10 for additional repairs.

## Kt-20SC - SMALL CHROME KIT



The Kt-20SC Tire Repair Kits come in the same type of Industrial Strength Cases, but in a smaller package. They both come with roughly the same tools, except the **Kt-20SC** comes with classic chrome Steel handle. Each kit comes with a Spiral Probe, an Open-Eye Needle, a Razor Blade, our Specially Formulated Lubricant, 20 4" Large Diameter Repairs, and an Easy-to-Use Full Color Instructions, which allows ANYONE to repair a tire in no time flat!

## Kt-220 - SPORT



These Tire Repair Kits come in the same type of Industrial Strength Cases, but in a smaller package. They both come with roughly the same tools, except the **Kt-220** comes with exclusive BlackJack Sport Handle, which are similar to that of the T-Bone handles, just smaller. Each kit comes with a Spiral Probe, an Open-Eye Needle, a Razor Blade, our Specially Formulated Lubricant, 20 4" Large Diameter Repairs, and an Easy-to-Use Full Color Instructions, which allows ANYONE to repair a tire in no time flat!

## Kt-20S - COMPACT



T-Bone Handle with 4" Open-Eye Needle (See Page 9).

REPLACEMENT HANDLES



Solid Steel Inner Core

Durable Soft Rubber Grip with Honeycomb Styling

Exclusive BlackJack Yellow Easy-Grip T-Bone Handle

Set Screw for Interchanging Probes and Needles



Th-214 T-Bone Handle w/ 4" Open-Eye Needle & New Style Spiral Probe



Th-304 Sport Handle w/ 4" Open-Eye Needle

Th-302 Sport Handle w/ Spiral Probe



Th-114 Plastic Handle w/ 4" Open-Eye Needle



Th-112 Plastic Handle w/ Spiral Probe



Th-102 Chrome Handle w/ Spiral Probe



Th-108 Chrome Handle w/ 8" Open Eye Needle



Th-106 Chrome Handle w/ 6" Open Eye Needle



Th-104 Chrome Handle w/ 4" Open Eye Needle

ADDITIONAL PARTS



\*Rn-236 - 6" Open-Eye Needle and Rn-238 - 8" Open-Eye Needle Not Pictured

Rn-230 - Spiral Probe (Old Style)

\*Rn-234 - 4" Open-Eye Needle



Sd-100 Screwdriver w/ Reversible Blade and Valve Tool

Also Available in Bulk Pack of 100 Sd-100-100



Lb-850 - BlackJack Repair Lube

Also Available in Sleeve of 12 Lb-850-12

Rn-250 Diamond Cut "Easy-In" Probe w/ Titanium Coating Easily Screws into any small injury to detect direction and clean the injury.





# KIT REPAIR REFILLS



BlackJack's Tire Repairs are manufactured using TWELVE strands of high-tensile Kevlar fiber, the same materials used in bullet-proof vests. Many competitors use cotton or polyester fiber and with as few as seven strands. Each BlackJack strand of fiber is individually impregnated with live butyl rubber. This compound is developed using carbon black, giving the repair its black color, making the repair almost invisible in the tire. BlackJack Repairs conform to the size and shape of the injury, sealing out moisture and dirt, eliminating stress to the belts and preserving the tire integrity. This is the reason that BlackJack Tire Repairs are a PERMANENT repair. *Large repairs are 6mm in diameter and Small repairs are 4mm in diameter.*

## 4 INCH REFILLS



Re-435 (Box of 35) Large Dia.



Re-450 (Box of 50) Large Dia.



Re-460 (Box of 60) Large Dia.



Re-480 (Box of 80) Small Dia.

## 8 INCH REFILLS



Re-830 (Box of 30) Large Dia.



Re-645 (Box of 45) Small Dia.



Re-640 (Box of 40) Large Dia.

## 6 INCH REFILLS

## 12 INCH REFILLS



Re-1220 (Box of 20) Large Dia.

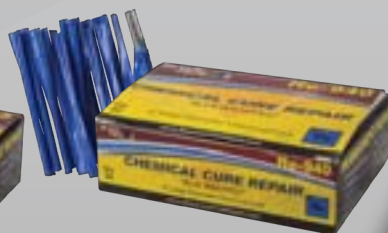


Re-1225 (Box of 25) Small Dia.

## 4 INCH CHEMICAL VULCANIZING REFILLS



Re-945 (Box of 45) Small Dia.



Re-940 (Box of 40) Large Dia.

Re-430 (Blister Card of 30) Large Dia. 4" Repairs





PAINT STICKS



Mk-510 - 1/2" White Paint Marker (Hex) Pack of 2 or 12



Mk-511 - 1/2" Yellow Paint Marker (Hex) Pack of 2 or 12

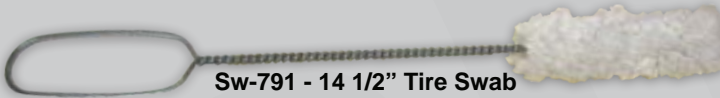


Mk-515 - 3/4" White Paint Marker (Round) Pack of 1 or 12

SWABS AND BRUSHES



Sw-795 - 8 1/2" Applicator Brush w/ Wooden Handle



Sw-791 - 14 1/2" Tire Swab



Sw-790 - 11 1/2" Tire Swab



Sw-900 - Red Plastic Swab Bucket with Straight Neck

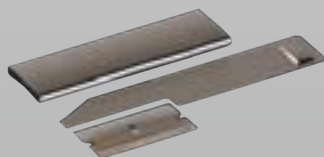


Sw-910 - Red Plastic Swab Bucket with Angled Neck

PROFESSIONAL TOOLS



Ga-705 - Tire Tread Depth Gauge

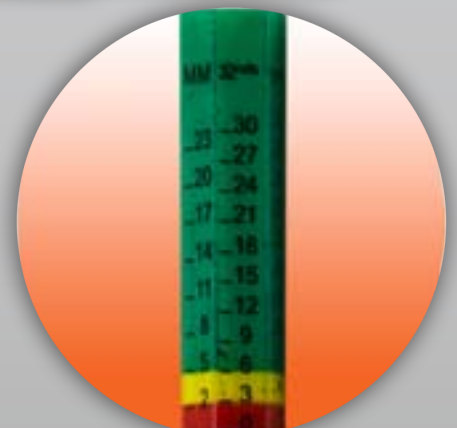


Rz-720 - Box Cutter



Rz-710 Box of 100 Razors

The Tire Tread Depth Gauge allows you to determine the tire tread depth without the guess work. Green means your tire has plenty of tread left. Yellow means the tire may need to be replaced. And Red means the tire is unsafe and needs to be replaced.





**Bu-099**  
Buffing Dome 1.9"  
(50mm) with  
Bu-092 Adapter  
(Bronze Coarse Grit)



**Bu-098**  
Buffing Dome 1.9"  
(50mm) with  
Bu-092 Adapter  
(Black Fine Grit)

Scan QR Code for Buffing Dome Demo Video.

Use our Professional Grade Buffers to buff the surface of a tire before cement application. Buffing Wheels work best assembled as shown below. Bu-091, Bu-094, Bu-098, and Bu-099 can use either the Bu-092 or Bu-093 adapters. Made of High Quality Steel and Carbide Materials.



**Bu-092**  
Quick Change  
Short Adapter  
3/8" x 24  
threads



**Bu-093**  
Drill Arbor for  
Buffing Wheel,  
1/4"



**Bu-091**  
65mm Coarse Grit  
Buffing Wheel  
(w/ Bu-092)



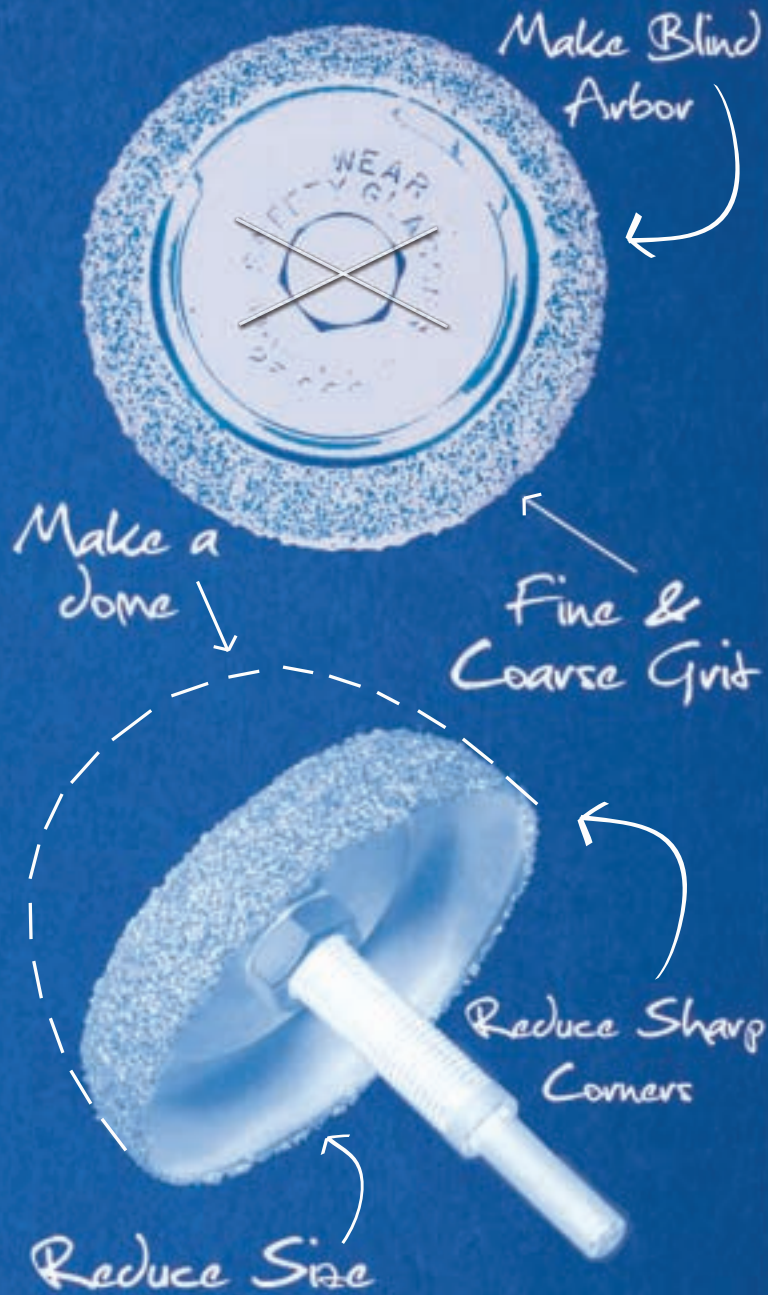
**Bu-094**  
Buffing Wheel 2  
1/2" Dia. 1/4" Hole



**Bu-095**  
Dual-Sided Buffing  
Wheel and Arbor  
(w/ Bu-093)



WITH SO MANY THINGS  
WRONG.....



**STANDARD  
BUFFING WHEEL**

WE DECIDED TO REINVENT  
THE WHEEL...

**BLACK JACK** 

**CARBIDE  
BUFFING DOME**



*BUFFING MADE EASY!*



*BUFF AT ANY ANGLE*

Watch our  
Buffing  
Dome in  
Action

Our carbide buffing dome eliminates the danger caused by stone buffing wheels and allows one continuous radius making buffing easy. You can buff faster and at any angle without the worry of buffing into the tire cords. For years to come we hope you will appreciate our quality and help spread our good reputation.

Another quality product engineered by BlackJack

**Ga-102  
Tire Injury Measure  
Tool**

This tool has a black handle with colored markings on the probe to measure injuries. Insert the tool into the injury and use the chart above to find the proper repairs and carbide cutters.

COLOR	Carbide Cutter Needed	Combi-Units Needed	Capatible Sizes
BLUE	Cc-032	Cu-203/Cu-303/Cu-503/Cu-604	1/8" (3mm), 4mm
YELLOW	Cc-032	Cu-203/Cu-303/Cu-503/Cu-604	1/8" (3mm), 4mm
RED	Cc-033	Cu-206/Cu-306/Cu-506/Cu-605/Cu-708	1/4" (6mm), 3/8" (10mm)
GREEN	Cc-033	Cu-210/Cu-310/Cu-608/Cu-710	1/4" (6mm), 3/8" (10mm)
ORANGE	Cc-034	Cu-211/Cu-711	7/16" (11mm)



**Kn-220 - Rigid, Tapered Skiving Knife with Wooden Handle**



**Kn-210 - Flexible Skiving Knife with Wooden Handle**



**Kn-200 - Curved Skiving Knife with Wooden Handle**



**St-399 - Wooden Handled Stitcher (Ball Bearing Roller)**



**Sc-392 - Plastic Handled Liner Scraper**



**St-398 - Combination Buffer Stitcher (Stainless Steel)**



**Sc-395 - Inner Liner Scraper (Saw Type)**



**Cc-032 - 1/8" (3mm) Dia. Carbide Cutter**



**Cc-032L - 1/8" (3mm) Dia. Tapered Carbide Cutter (2 1/8" Long)**



**Cc-033 - 1/4" (6mm) Dia. Carbide Cutter**



**Cc-034 - 3/8" (10mm) Dia. Carbide Cutter**

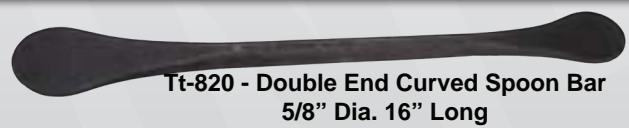
These Carbide Cutters are essential for removing damaged steel belts. Use the different sizes for different injuries. Attach them to a drill and use them to clean out the injury so the repair can adhere to it properly. If the injury is not cleaned out, dirt and moisture could find its way into the injury and cause the repair to fail.

*For capatible repair sizes, see chart at top of this page.*

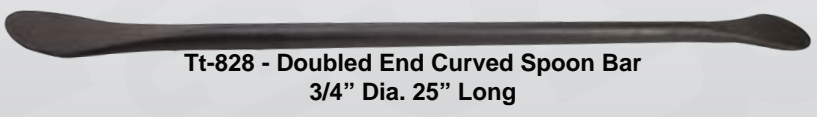


# MOUNTING AND DEMOUNTING TOOLS

## TIRE SPOONS



**Tt-820 - Double End Curved Spoon Bar**  
5/8" Dia. 16" Long



**Tt-828 - Doubled End Curved Spoon Bar**  
3/4" Dia. 25" Long



**Tt-824 - Leverage Bar with Spoon End**  
1 1/16" Dia 26" Long



**Tt-830 - Double End Curved Spoon Bar**  
3/4" Dia. 30" Long

## TUBELESS TIRE MOUNTING TOOLS

Front End of Tire Bars are shaped to compliment the contour of the wheel

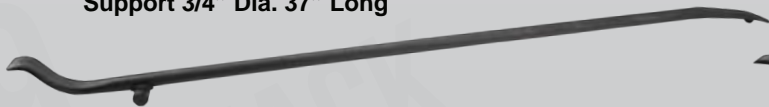


Rear End thins out for easier application.

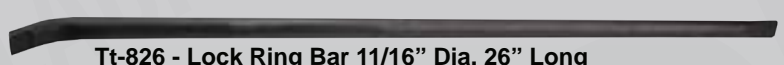


**Tt-834**  
Truck Tubeless Tire Bar w/ Rim Support  
3/4" Dia. 37" Long

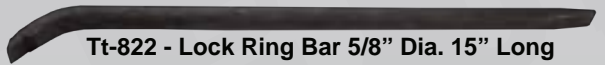
**Tt-832**  
Truck Tubeless Tire Bar w/o Rim Support  
3/4" Dia. 37" Long



## LOCK RING BARS



**Tt-826 - Lock Ring Bar** 1 1/16" Dia. 26" Long



**Tt-822 - Lock Ring Bar** 5/8" Dia. 15" Long

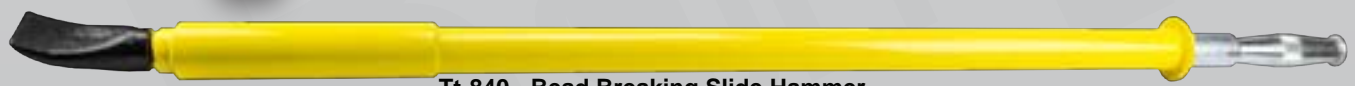


**Tt-838 - Lock Ring Bar** 1" Dia. 34" Long

## BEAD BREAKING TOOLS

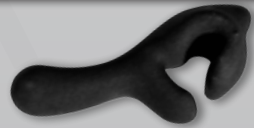


**Tt-811 - Bead Breaking Hammer (Wood)**



**Tt-840 - Bead Breaking Slide Hammer**

## OTHER TOOLS

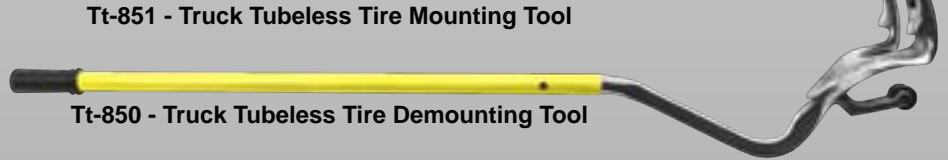


**Tt-853**  
Truck Tubeless Tire Bead Lock (PVC Coated)

The **Tt-854** is a Tool Set which includes the Tt-850, Tt-851, and two Tt-853's. It's everything you need to get started with these handy and time saving tools!



**Tt-851 - Truck Tubeless Tire Mounting Tool**



**Tt-850 - Truck Tubeless Tire Demounting Tool**



**Ww-900**  
Bubble Balancer



**Tt-707**  
Tire Spreader (Center Post Style)

This Tire Spreader will help take the work out of inspecting and repairing a tire. Center post style mount means easy access to the tire at hand.

# AIR CHUCKS



**Ac-100**  
Quick Coupler Air  
Chuck (Clip-On)

**Ac-102**  
Flo-Thru



**Ac-162**  
Nickel Plated Brass Air  
Chuck 5/16" Hose Barb  
(Flo-Thru)



**Ac-163**  
Nickel Plated Brass Air  
Chuck (Closed End)

**Ac-164**  
Flo-Thru



**Ac-165**  
1/4" Ball Foot  
Brass Air Chuck



**Ac-167**  
1/4" Ball Foot Brass Air  
Chuck (Clip-On)

**Ac-169**  
Flo-Thru



**Ac-200**  
Large Bore Lock-On Air Chuck 1/4" NPT

**Ac-202**  
Large Bore Lock-On Air Chuck 1/4" NPT  
(Flo-Thru)



**Ac-205** - Large Bore Lock-On Air Chuck 1/4" NPT 5.5" Long



**Ac-180** - Core Removing and Inflating Tool (Fast Fill) - Remove the Valve Core, Deflate, and Re-inflate without losing the Valve Core.



**Ac-175** - Large Bore Chrome Air Chuck



**Ac-166** - 1/4" Dual Foot Nickel Plated Air Chuck  
6" Long Angle Head (Tilt-Lock)



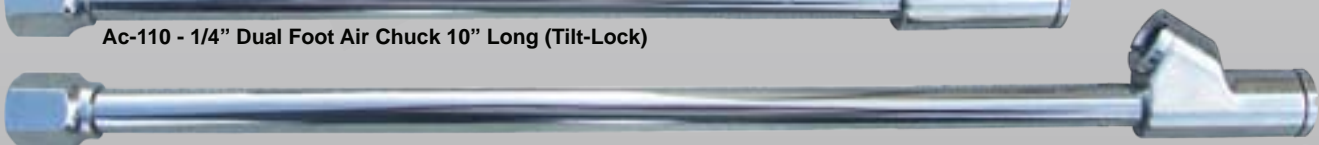
**Ac-168** - 1/4" Dual Foot Nickel Plated Air Chuck  
6" Long Straight Head (Tilt-Lock)



**Ac-108** - 1/4" Dual Foot Air Chuck 8" Long (Tilt-Lock)



**Ac-110** - 1/4" Dual Foot Air Chuck 10" Long (Tilt-Lock)



**Ac-112** - 1/4" Dual Foot Air Chuck 12" Long (Tilt-Lock)



**Ac-114** - 1/4" Dual Foot Air Chuck 14" Long (Tilt-Lock)

Replacement Air Chuck  
Parts Available:

**Sp-ACR**  
Repair Kit for Ac-108, Ac-  
110, Ac-112, Ac-114, Ac-166,  
and Ac-168 Air Chucks

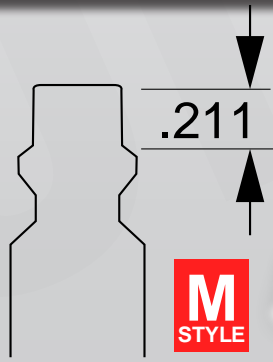


"Tilt-Lock" chuck design or clip-on, allows for hands free inflation of the tires. BlackJack Professional grade air chucks easily attach to the tire valve.

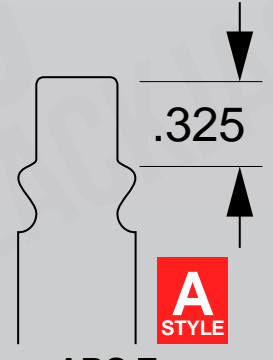
# COUPLERS, NIPPLES, AND TOOLS

BlackJack Tire Repair Tools are of High Quality and Professional Grade. These tools are available in different sizes and styles to fit your needs. With a variety of tools to help maintain your tires, BlackJack ensures you are equipped to handle any situation.

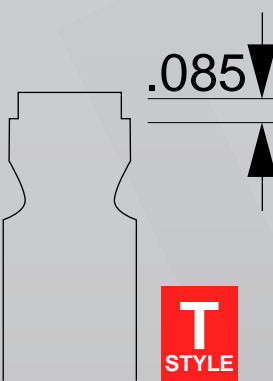
## COUPLERS AND NIPPLES



MILTON TYPE



ARO TYPE



TRUFLATE TYPE



## AIR TOOLS



Pn-210 - Blow Gun with Rubber Tip and Male Nipple



Pn-220  
Truckers Air Seat  
Blow Gun w/ 12' coiled hose  
and 1/4" NTA Air line "T."



# SLIDE GAUGES

## Colored Pencil Tire Gauge - 10-50 PSI $\pm$ 1psi



Ga-203 - Black

Ga-204 - Home Depot Orange

Ga-205 - John Deere Green

Ga-206 - Ford Blue

Ga-207 Case IH Red

Ga-210 - Chrome

## Specialty Gauges



Ga-212 - Low Pressure ATV Tire Gauge - 1-20 PSI

Ga-213 - Air/Liquid Tire Gauge - 5-45 PSI

**Ga-232**

Long Chrome Truck  
Tire Pressure Gauge  
with Chrome Slide

10-150 PSI



**Ga-248**

Chrome Dual  
Truck Tire  
Pressure  
Gauge  
with Black  
Aluminum  
Slide

10-150  
PSI



As-1601  
Tire Gauge Display  
Contains 24 Color Pencil  
Gauges

A tire pressure gauge is a safety item that every car should have but few actually do. Checking tire pressure will not only save on tire wear, but also improve fuel economy. The dual head truck gauges make accessing the valve stems quick and easy.

Ga-225-FB - Blue Metal Tire  
Gauge  
10-50 PSI



Ga-220-FB - Yellow Metal ATV  
Tire Gauge  
0-20 PSI



Ga-214 - Small Truck Tire Gauge w/ Angled Dual Head  
20-120 PSI



Ga-217 - Small Straight Dual Truck Tire Gauge  
20-120 PSI



Ga-260 - Large Bore Swivel Head Air Gauge  
10-150 PSI



## DIGITAL

Our user-friendly digital displays make checking your tire pressure effortless. It accurately reads everything from 5-99, 5-100, and 5-120 PSI, displaying your pressure in 1/10 increments. You will never fumble around in the dark again as the BlackJack Digital Tire Gauges have a built-in LED flashlight for easy night time checking, not to mention a lighted display.



**Ga-453**  
Round Digital Tire Gauge  
5-115 PSI  $\pm$  1psi



**As-1602**  
Tire Gauge Display  
Contains 9 Ga-452  
Gauges



**Ga-452**  
Digital Tire Gauge  
5-115 PSI  $\pm$  1psi



**Ga-451**  
Digital Tire Gauge, Keyring  
5-115 PSI  $\pm$  1psi



**Ga-435**  
4-in-1 Utility Tool and Digital  
Tire Gauge  
5-120 PSI

**Ga-430**  
Red Plastic Digital Tire  
Gauge w/ Light  
5-100 PSI



## ANALOG



**Ga-325 - Plastic Dial Tire Gauge**  
10-105 PSI



**Ga-328 - Mini Dial Gauge w/ Swivel  
Angle Head**  
10-60 PSI



**Ga-326 - Dual Foot Chrome Tire  
Gauge w/ Hose**  
10-75 PSI



**Ga-327 - Plastic Dial Tire Gauge  
(Economy) 10-75 PSI**



**Ga-332 - Mini Dial Tire Gauge 10-60  
PSI**



**Ga-333 - Heavy Duty Tire Gauge**  
10-160 PSI

# INFLATOR/DEFLATOR GAUGES AND PARTS

## CYCLONES



### Ga-345

Analog Tire Inflator/  
Deflator Gauge  
10-160 PSI



### Ga-445

Digital Tire Inflator/  
Deflator Gauge\*  
10-150 PSI



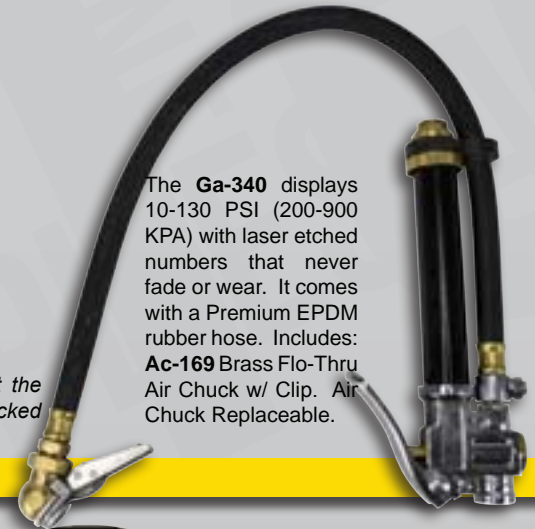
### Ga-342

Analog Tire Inflator/  
Deflator Gauge\*  
0-60 PSI

### CYCLONE GAUGE FEATURES:

- High Volume Air Flow
- Replacement Parts Avail.
- Easy-to-Read Gauge
- EPDM Rubber Hose w/  
Swivels at each end
- 1/4" NPT Brass Threads
- Replaceable Air Chuck
- Your Choice: -Digital  
-Analog

\*Gauges Ga-445, and Parts Sp-125G and Sp-060G meet the requirements of the California law regarding tires to be checked with a gauge that is accurate within 2 PSI.



The **Ga-340** displays 10-130 PSI (200-900 KPA) with laser etched numbers that never fade or wear. It comes with a Premium EPDM rubber hose. Includes: **Ac-169** Brass Flo-Thru Air Chuck w/ Clip. Air Chuck Replaceable.

## REPLACEMENTS PARTS



**Sp-125G\*:**  
0-150 PSI, 2 1/2" dia.  
Digital Gauge with an  
Accuracy of  $\pm 1\%$  Full  
Scale (FS) or  $\pm 1.5$  PSI.  
Gauge can be used on  
all clean air pressure  
applications that have  
standard 1/4" NPT thread.



**Sp-345H48** - 48" x 1/4" ID Swivel  
Hose Assembly, 1/4" NPT



**Sp-345H72** - 72" x 1/4" ID Swivel  
Hose Assembly, 1/4" NPT



**Sp-340H** - Hose  
Assembly for  
Ga-340

\*\*Sp-345H - 18" x 1/4" ID Swivel Hose Assembly, 1/4" NPT not pictured



**Sp-345G** - 10-160  
PSI Analog Gauge



**Sp-060G\*** - 0-60 PSI  
Analog Gauge



**Sp-345T** - Cyclone Handle Kit



**Sp-345H** - Cyclone Hose Assembly  
with Air Chuck



# HARNESS THE POWER OF A CYCLONE!



SCAN ME!

- **Interchangeable Parts**
- **High Volume Air Flow**
- **Replaceable Air Chuck**
- **Comfortable Rubber Grip**

Ga-445  
California ARB Compliant

**BlackJack Cyclone Inflator/Deflator Gauge**



Analog Gauge (Sp-060G) California ARB Compliant.  
Also available with 10-160 Analog Gauge (Sp-345G).

**BLACK  
JACK** 

#### **History of the Cyclone Gauge:**

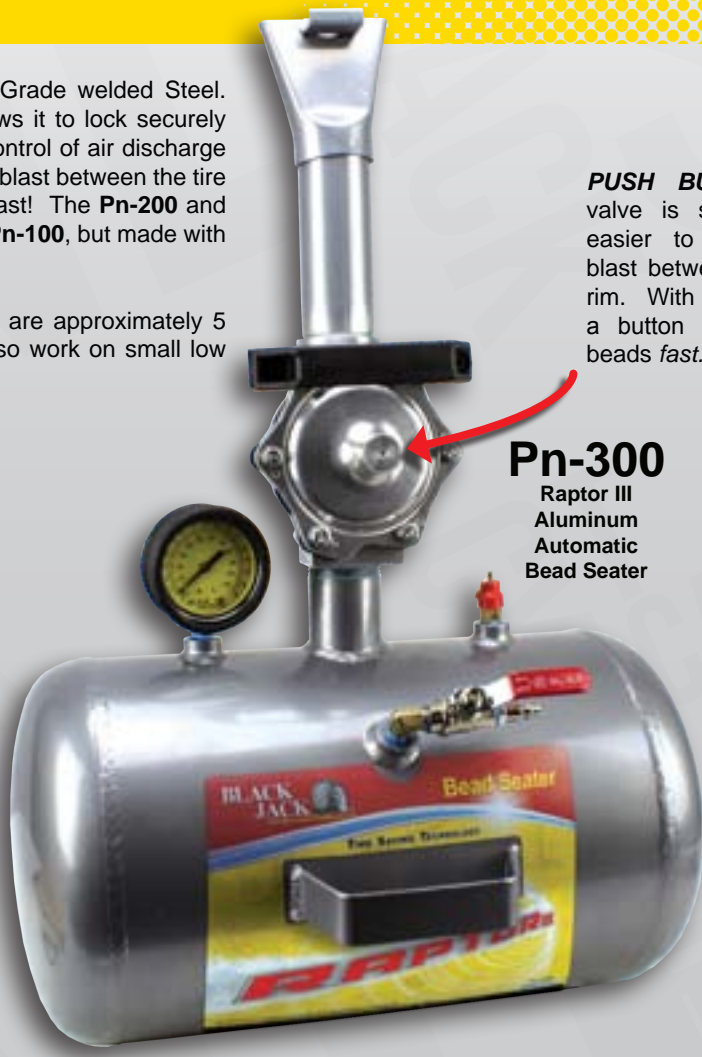
We spent over 3 years and thousands of dollars developing this gauge. When we started we wanted to create the best inflator gauge in the world. Most companies manufacture their products with a built-in obsolescence or a limited life expectancy. This gauge is made with a lifetime in mind. This is completely re-buildable; all fittings are 1/4 in. NPT thread and we stock all replaceable parts. For years to come we hope you will appreciate our quality and help spread our good reputation.

# BEAD SEATERS

The **Pn-100** is made with Heavy-Grade welded Steel. The welded tab on the barrel allows it to lock securely on the edge of the rim for better control of air discharge between the tire and wheel. An air blast between the tire and rim will seat stubborn beads fast! The **Pn-200** and **Pn-300** are the same style as the **Pn-100**, but made with Aluminum.

Tank capacity on all bead seaters are approximately 5 US Gallons. Bead Seaters will also work on small low pressure tires.

**PUSH BUTTON** release valve is safer and it is easier to direct the air blast between the tire and rim. With just the push of a button to seat difficult beads *fast*.



**Pn-300**  
Raptor III  
Aluminum  
Automatic  
Bead Seater



**Pn-200**  
Raptor II  
Aluminum  
Bead Seater



**Pn-100**  
Raptor I  
Steel  
Bead Seater



Sp-100BV  
1/4" Ball Valve



Sp-150BV  
1 1/2" Large Ball Valve



Sp-100SV  
1/4" Pop-Off Valve



Sp-100N  
Replacement Nozzle



Sp-345G - 10-160  
PSI Analog Gauge



Pn-150  
Automatic Valve



# Why use Professional Grade?

- 1 - Seals punctures up to 3/4"
- 2 - Seals Bead Leaks
- 3 - Seals porosity leaks in composition wheels
- 4 - Works in all tube and tubeless tires
- 5 - Use to repair or prevent flats
- 6 - TPMS Safe
- 7 - Safe for steel and alloy wheels
- 8 - Contains rust inhibitors
- 9 - Guaranteed for the Life of the Tire
- 10 - Safe for all highway and off road tires
- 11 - Will not harm tire balance\*
- 12 - Improves fuel mileage & tire life
- 13 - Contains **NO** Ethylene Glycol
- 14 - Safe down to -30° Fahrenheit
- 15 - Proprietary fiber technology, non-toxic
- 16 - Latex free
- 17 - Easy water clean-up, no residue
- 18 - Non-flammable, biodegradable

# Ts-Pro TIRE SEALANT

**Eco-Friendly**

**One Formula less SKU's**



Ts-45 (5 Gal Pail)

Ts-55 (55 Gal Drum)



Ts-275t (275 Gal Tote)



Ts-808 (8 Oz)



Ts-816 (16 Oz)



Ts-832 (32 Oz)



Ts-838 (1 Gal)

# CHEMICALS

BlackJack Vulcanizing Cement contains accelerators that begin the vulcanizing process when coming in contact with the gum rubber of the repair. This fast drying cement speeds up the tire repair process. Cans include applicator brush.

## CEMENTS



**Ce-508**  
Cement 8oz can

**Ce-532**  
Cement 1qt can



**Ce-708**  
Blue Cement  
8oz can

**Ce-732**  
Blue Cement  
1qt can



**Ce-932**  
Black Cement  
1qt can

## SEALERS



**Bs-228-5**  
Bead Sealer  
(5 Gallons)



**Bs-228**  
Bead Sealer 1qt can

BlackJack Bead Sealer is a thick black sealant designed to stop bead leaks. Quick and economical, these sealers form an air-tight seal between the tire and the rim, effectively reducing comebacks from aggravating bead leaks.



**Lr-528**  
Butyl Liner Topcoat 8oz can

## TIRE TALC AND LEAK DETECTOR

BlackJack Concentrated Leak Detector allows you to check tires on the vehicle or off the vehicle. This can also be used in the dipping tank. Special wetting agents help to precisely locate even the tiniest leak for easy marking.



**Ld-216**  
Concentrated Leak  
Detector 16oz Bottle  
(32:1)

BlackJack Tire Talc allows tubes to be installed without folding or sticking to the tire.



**Ta-316**  
Tire Talc 16oz  
Shaker Can



*Ld-232b - Empty  
Pinpoint bottle also  
available.*

*Ld-232 - Ready-to-Use  
Leak Detector 32oz Bottle*



Concentrated Paste in pails or liquid in gallons. BlackJack Lubricants aid in mounting and demounting all types of tires. When dried, it keeps the tire from slipping on the rim and throwing the tire out of balance. Rust inhibitors have been added to help fight rim rust. Will not separate or liquify.

## LUBRICANTS



**Lb-800**  
**Glide Tire Bead Lube 1gal**  
 (5 gal pail "Lb-805" and 55 Gal Drum "Lb-800-55")



**Lb-2000**  
**Concentrated Tire Mounting Compound 8lbs**  
 (25lbs "Lb-2005" and 40 lbs. "Lb-2008")



**Lb-2010**  
**Black Lube**  
**Rim Rust Retardant and Mounting Lube 7.5lbs**  
 (25lbs "Lb-2015")



**Lb-2020**  
**White Euro Paste**  
**Tire Mounting and Rubber Lubricant**  
 (22.5lbs "Lb-2025")



**Lb-2030**  
**Super Blue Paste**  
**Tire Mounting and Rubber Lubricant**  
 (25lbs "Lb-2035")



**Lb-850**  
**BlackJack Repair Lube**

## CLEANERS AND SOLVENTS



**WX14120**  
**Easy Clean All Purpose Cleaner-Degreaser 1Qt**  
 (5gal T-Head "WX14125")

High-alkaline (pH 12.6), butyl-based liquid degreaser. Ready-to-Use, no measuring or mixing required. Just spray on and wipe away. Removes aluminum black marks, dirt, grease, oily films, fingerprints, crayon, ink, pencil marks, smoke film, and more. Use on painted surfaces, walls, floors, cabinets, counter-tops, vinyl upholstery, and fiberglass surfaces. Use on carpet as a spot cleaner for most food, blood, urine, and other acid-type stains. (Spot test before use - Trigger Sprayer Included)



**Wc-501**  
**White Lightning Whitewall Cleaner**  
**1 Gal Jug**

Concentrated Whitewall Cleaner gets the white sidewalls of tires clean without damaging the rubber. Removes ground-in scuff marks. It is also recommended for cleaning mats, white and blackwall tires, vinyl tops, and engines.



**Rb-125**  
**Liquid Rubber-Buffer Cleaner 32oz Can**

Cleaning around the injury is an important first step in the tire repair process. BlackJack Rubber-Buffer Cleaner dissolves mold release and other lubricants and contaminants prior to buffing. The cleaning action of this specially formulated solution removes mold release and maximizes adhesion.

(Flammable)



# ALL PURPOSE PATCHES

All Purpose Patches; These heavy duty all purpose patches can be used to repair punctures and small injuries on all types of radial tires. These repairs are not cord reinforced and should be used only when there is no structural damage. When the cords are damaged, use the appropriate cord reinforced patch or boot.

These top quality patches are made with a two piece construction. The top layer is made with a heavy layer of vulcanized, top quality virgin rubber that is feathered at the edges. The bottom layer is made of a non-vulcanized gray cushion gum that is also feathered at the edges. The feathering at the edges allows the repair to be more flexible at the edges. This Heavy Duty patch is a permanent repair.

*Use the tables throughout this section to find details of all our patches, patch/plug combos, and boots.*

## SQUARE



SKU #	PRODUCT DESCRIPTION	SIZE	QTY
Ap-115	Square All Purpose Patch	1 3/4" (45mm)	Pic-Pak of 20
Ap-115-100	Square All Purpose Patch	1 3/4" (45mm)	Pail of 100
Ap-116	Square All Purpose Patch	2 1/8" (54mm)	Pic-Pak of 20
Ap-116-40	Square All Purpose Patch	2 1/8" (54mm)	Pic-Pak of 40
Ap-116-100	Square All Purpose Patch	2 1/8" (54mm)	Pail of 100
Ap-117	Square All Purpose Patch	2 3/4" (70mm)	Pic-Pak of 20
Ap-117-40	Square All Purpose Patch	2 3/4" (70mm)	Pic-Pak of 40
Ap-117-100	Square All Purpose Patch	2 3/4" (70mm)	Pail of 100

## ROUND



SKU #	PRODUCT DESCRIPTION	SIZE	QTY
Ap-109	Round All Purpose Patch	1 3/8" (35mm)	Pic-Pak of 20
Ap-109-100	Round All Purpose Patch	1 3/8" (35mm)	Pail of 100
Ap-110	Round All Purpose Patch	1 3/4" (45mm)	Pic-Pak of 20
Ap-110-100	Round All Purpose Patch	1 3/4" (45mm)	Pail of 100
Ap-111	Round All Purpose Patch	2 3/8" (60mm)	Pic-Pak of 20
Ap-111-100	Round All Purpose Patch	2 3/8" (60mm)	Pail of 100
Ap-113	Round All Purpose Patch	3 1/8" (80mm)	Pic-Pak of 20
Ap-113-100	Round All Purpose Patch	3 1/8" (80mm)	Pail of 100

## RECTANGLE



SKU #	PRODUCT DESCRIPTION	SIZE	QTY
Ap-130	Rectangle All Purpose Patch	1 1/2" x 2 3/8" (38 x 60mm)	Pic-Pak of 20
Ap-130-100	Rectangle All Purpose Patch	1 1/2" x 2 3/8" (38 x 60mm)	Pail of 100
Ap-132	Rectangle All Purpose Patch	1 3/4" x 3" (45 x 75mm)	Pic-Pak of 20
Ap-132-100	Rectangle All Purpose Patch	1 3/4" x 3" (45 x 75mm)	Pail of 100
Ap-134	Rectangle All Purpose Patch	2 1/4" x 4" (58 x 103mm)	Pic-Pak of 20
Ap-134-100	Rectangle All Purpose Patch	2 1/4" x 4" (58 x 103mm)	Pail of 100

Do Not be fooled by imitators who try to sell a thin tube repair and call it an All Purpose Repair. A Tube Patch cannot safely be used on a tire. Our All Purpose Patches are multi-layered, which hold up for the life of the tire.



*We recommend our Pic-Pak Inventory Management System.*



The BlackJack tube patch is one of the finest tire patches made today. They are actually stronger than the tube itself.

When installing a tube patch, stop the tube from continuing to tear and split by cutting a small round circle at the end of any split.

## OVAL

SKU #	PRODUCT DESCRIPTION	SIZE	QTY
Tp-206	Small Oval Patch	1 7/16" x 2 1/4" (36mm x 58mm)	Pic-Pak of 30
Tp-206-100	Small Oval Patch	1 7/16" x 2 1/4" (36mm x 58mm)	Pail of 100
Tp-207	Medium Oval Patch	1 7/8" x 3 7/8" (48mm x 98mm)	Pic-Pak of 30
Tp-207-100	Medium Oval Patch	1 7/8" x 3 7/8" (48mm x 98mm)	Pail of 100
Tp-208	Large Oval Patch	2 3/8" x 4 1/8" (60mm x 103)	Pic-Pak of 30
Tp-208-100	Large Oval Patch	2 3/8" x 4 1/8" (60mm x 103)	Pail of 100



Tp-208



Tp-207



Tp-206

## ROUND

SKU #	PRODUCT DESCRIPTION	SIZE	QTY
Tp-500	Round Patch	1" (25mm)	Pic-Pak of 50
Tp-500-100	Round Patch	1" (25mm)	Pail of 100
Tp-501	Round Patch	1 3/8" (35mm)	Pic-Pak of 30
Tp-501-100	Round Patch	1 3/8" (35mm)	Pail of 100
Tp-506	Round Patch	1 3/4" (45mm)	Pic-Pak of 30
Tp-506-100	Round Patch	1 3/4" (45mm)	Pail of 100
Tp-507	Round Patch	2 3/8" (60mm)	Pic-Pak of 30
Tp-507-100	Round Patch	2 3/8" (60mm)	Pail of 100
Tp-508	Round Patch	3 1/8" (80mm)	Pic-Pak of 30
Tp-508-100	Round Patch	3 1/8" (80mm)	Pail of 100



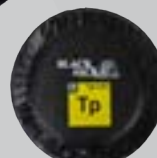
Tp-508



Tp-507



Tp-506



Tp-501



Tp-500

## EURO-STYLE RADIAL AND BIAS

SKU #	PRODUCT DESCRIPTION	SIZE	QTY
Ft-540	Foil Back Patch	1" ~ (25mm)	Pic-Pak of 40
Ft-540-100	Foil Back Patch	1" ~ (25mm)	Pail of 100
Ft-541	Foil Back Patch	1 1/4" ~ (32mm)	Pic-Pak of 35
Ft-541-100	Foil Back Patch	1 1/4" ~ (32mm)	Pail of 100
Ft-542	Foil Back Patch	1 1/2" ~ (38mm)	Pic-Pak of 30
Ft-542-100	Foil Back Patch	1 1/2" ~ (38mm)	Pail of 100
Ft-543	Foil Back Patch	2 1/16" ~ (52mm)	Pic-Pak of 30
Ft-543-100	Foil Back Patch	2 1/16" ~ (52mm)	Pail of 100
Ft-544	Foil Back Patch	3" ~ (76mm)	Pic-Pak of 30
Ft-544-100	Foil Back Patch	3" ~ (76mm)	Pail of 100
Ft-545-10	Foil Back Patch	3 5/8" ~ (92mm)	Bag of 10
Ft-545-100	Foil Back Patch	3 5/8" ~ (92mm)	Pail of 100

Ft-544, Ft-545, Tp-700, and Tp-703 are not pictured.



Ft-542



Ft-543

SKU #	PRODUCT DESCRIPTION	SIZE	QTY
Tp-700	Euro-Style Tube Repair	1 1/4" (32 mm)	Pic-Pak of 30
Tp-700-100	Euro-Style Tube Repair	1 1/4" (32 mm)	Pail of 100
Tp-703	Euro-Style Tube Repair	2 1/8" (54 mm)	Pic-Pak of 25
Tp-703-100	Euro-Style Tube Repair	2 1/8" (54 mm)	Pail of 100
Tp-704	Euro-Style Tube Repair	3" (76 mm)	Pic-Pak of 20
Tp-704-100	Euro-Style Tube Repair	3" (76 mm)	Pail of 100



These round foil and mylar-backed patches are designed for chemical vulcanization. These repairs are made as the "Euro-Style" which is a one-piece construction with two types of rubber assembled at the same time and placed on a Mylar or Aluminum backing material.

These tube patches can be used on Bias or Radial tubes.

# CROWN USE ONLY RADIAL REPAIRS

These repairs are heavy duty to replace the structural value of the tire damaged. These are designed for the tread only because they are normally too rigid to be used on the sidewall.

SKU #	PRODUCT DESCRIPTION	PLIES	SIZE	QTY
Ra-025-1	Reinforced Radial Repair (Crown Use Only)	4	4 1/2" x 4 7/8" ~ (115mm x 123mm)	Flat Pack of 1
Ra-025-10	Reinforced Radial Repair (Crown Use Only)	4	4 1/2" x 4 7/8" ~ (115mm x 123mm)	Box of 10
Ra-041-1	Reinforced Radial Repair (Crown Use Only)	4	5 1/4" x 7 1/4" ~ (133mm x 185mm)	Flat Pack of 1
Ra-041-10	Reinforced Radial Repair (Crown Use Only)	4	5 1/4" x 7 1/4" ~ (133mm x 185mm)	Case of 10
Ra-045-1	Reinforced Radial Repair (Crown Use Only)	4	7 5/16" x 9" ~ (187mm x 230)mm	Flat Pack of 1
Ra-045-5	Reinforced Radial Repair (Crown Use Only)	4	7 5/16" x 9" ~ (187mm x 230)mm	Case of 5



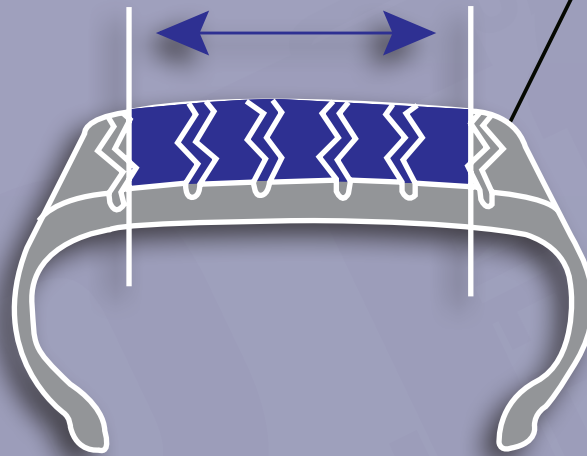
Ra-025



Ra-041



Ra-045



*DO NOT apply "Crown Use Only" repairs outside of the crown/tread area of the tire. These repairs are too rigid to be used in a flex area of the tire.*

**These repairs are specially designed to reinforce the damaged tire in the tread area or the crown of the tire. Also fill the injury to prevent further damage to the tire.**

**Radial Repairs US Style (Shown at right)**

**Radial Repairs Euro Style (Shown on page 24)**

Ra-025, 4 ply, 4 1/2" x 4 7/8"

Ra-525, 3 ply, 115mm x 125mm

Ra-041, 4 ply, 5 1/4" x 7 1/4"

Ra-535, 4 ply, 125mm x 180mm

Ra-045, 4 ply, 7 5/16" x 9"

Ra-545, 4 ply, 175mm x 230mm



These heavy duty radial repairs can be used to repair punctures and injuries on all types of radial tires, including shoulder and sidewalls. These repairs are cord reinforced with an arrow that should be pointing to the beads when installed. This repair is specially designed with high tensile strength cords to repair the structural damage to the tire. Use the appropriate size and ply to replace the structural damage caused by the injury.

SKU #	PRODUCT DESCRIPTION	PLIES	SIZE	QTY
Ra-010-2	Reinforced Radial Repair	1	2 3/16" x 3" ~ (55mm x 76mm)	Flat Pack of 2
Ra-010	Reinforced Radial Repair	1	2 3/16" x 3" ~ (55mm x 76mm)	Pic-Pak of 15
Ra-010-100	Reinforced Radial Repair	1	2 3/16" x 3" ~ (55mm x 76mm)	Pail of 100
Ra-012-2	Reinforced Radial Repair	1	2 3/4" x 4 1/2" ~ (70mm x 114mm)	Flat Pack of 2
Ra-012	Reinforced Radial Repair	1	2 3/4" x 4 1/2" ~ (70mm x 114mm)	Pic-Pak of 15
Ra-012-100	Reinforced Radial Repair	1	2 3/4" x 4 1/2" ~ (70mm x 114mm)	Pail of 100
Ra-014-2	Reinforced Radial Repair	1	3 3/8" x 5 1/8" ~ (85mm x 130mm)	Flat Pack of 2
Ra-014	Reinforced Radial Repair	1	3 3/8" x 5 1/8" ~ (85mm x 130mm)	Box of 10
Ra-014-100	Reinforced Radial Repair	1	3 3/8" x 5 1/8" ~ (85mm x 130mm)	Pail of 100
Ra-020-2	Reinforced Radial Repair	1	3 3/16" x 5" ~ (80mm x 125mm)	Flat Pack of 2
Ra-020	Reinforced Radial Repair	2	3 3/16" x 5" ~ (80mm x 125mm)	Box of 10
Ra-020-25	Reinforced Radial Repair	2	3 3/16" x 5" ~ (80mm x 125mm)	Box of 25
Ra-040-1	Reinforced Radial Repair	3	4" x 7 3/4" ~ (102mm x 197mm)	Flat Pack of 1
Ra-040-10	Reinforced Radial Repair	3	4" x 7 3/4" ~ (102mm x 197mm)	Case of 10
Ra-042-1	Reinforced Radial Repair	4	5 1/8" x 10 1/8" ~ (130mm x 258mm)	Flat Pack of 1
Ra-042-10	Reinforced Radial Repair	4	5 1/8" x 10 1/8" ~ (130mm x 258mm)	Case of 10
Ra-044-1	Reinforced Radial Repair	4	5 1/8" x 13 1/4" ~ (132mm x 335mm)	Flat Pack of 1
Ra-044-10	Reinforced Radial Repair	4	5 1/8" x 13 1/4" ~ (132mm x 335mm)	Case of 10



Ra-010



Ra-012



Ra-014



Ra-020



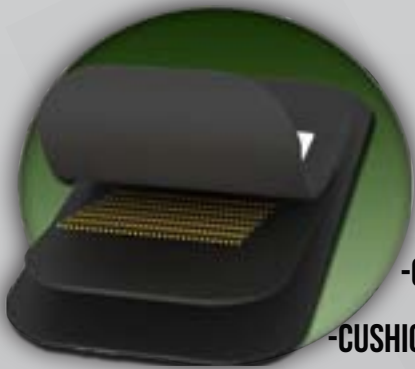
Ra-040



Ra-042



Ra-044



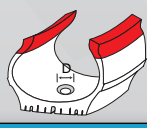



- BEAD ARROW
- CORD REINFORCEMENT
- CUSHION LAYER
- CUSHION GUM



BlackJack Flat Packs are available for most patches..

## SELECT LOCATION AND TIRE INJURY SIZE

# CORD REINFORCED RADIAL PATCH APPLICATION CHART

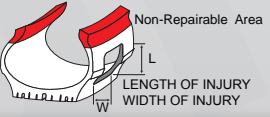
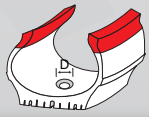


SIDEWALL INJURY		TREAD INJURY	PASSENGER		LIGHT TRUCK	Tube Type HEAVY TRUCK		Tubeless Type EARTH MOVER
								
Maximum Sidewall Width	Maximum Sidewall Length	Maximum Tread Injury	125 - 195	205 - 255	Width 6.50 - 12.50 7 - 10 215/85 - 255/85 215/75 - 265/75	7.50 - 10.00 8 - 11 235/80 - 275/80 245/75 - 295/75	11.00 - 14.00 12 - 16.5 295/80 - 315/80 315/75 - 425/65	14.00 - 40.00 15.5 - 50.5 20/65 - 65/65
		1/8" (3mm)	Ra-010 or 510	Ra-010 or 510	Ra-010 or 510	Ra-020 or 520	Ra-020 or 520	Ra-044 or 544
1/8" (3mm)	1/8" (3mm)		Ra-010 or 510	Ra-010 or 510	Ra-010 or 510	Ra-020 or 520	Ra-020 or 520	Ra-042 or 542
		1/4" (6mm)	Ra-010 or 510	Ra-010 or 510	Ra-012 or 512	Ra-020 or 520	Ra-020 or 520	Ra-044 or 544
1/4" (6mm)	1/4" (6mm)		Ra-010 or 510	Ra-010 or 510	Ra-012 or 512	Ra-020 or 520	Ra-020 or 520	Ra-042 or 542
1/4" (6mm)	1/2" (12mm)		Ra-010 or 510	Ra-010 or 510	Ra-020 or 520	Ra-042 or 542	Ra-040 or 540	Ra-042 or 542
1/4" (6mm)	2" (50mm)		Ra-012 or 512	Ra-012 or 512	Ra-040 or 522	Ra-042 or 542	Ra-040 or 540	Ra-042 or 542
1 Cable	1 1/2" (40mm)			Ra-020 or 520	Ra-020 or 520	Ra-020 or 520	Ra-020 or 520	
1 Cable	3 1/8" (80mm)				Ra-040 or 522	Ra-040 or 522	Ra-040 or 522	
1 Cable	4 3/4" (120mm)					Ra-040 or 522	Ra-040 or 522	
1 Cable	6" (150mm)					Ra-042 or 542	Ra-042 or 542	
2 Cables	3/4" (19mm)				Ra-020 or 520	Ra-020 or 520	Ra-040 or 522	
2 Cables	1 1/2" (40mm)				Ra-020 or 520	Ra-040 or 522	Ra-040 or 522	
2 Cables	2 3/8" (60mm)				Ra-040 or 522	Ra-040 or 522	Ra-040 or 540	
2 Cables	5 1/8" (130mm)					Ra-040 or 540	Ra-042 or 542	
		3/8" (10mm)	Ra-010 or 510	Ra-010 or 510	Ra-020 or 520	Ra-020 or 520	Ra-020 or 520	Ra-044 or 544
3/8" (10mm)	3/8" (10mm)		Ra-010 or 510	Ra-010 or 510	Ra-020 or 520	Ra-020 or 520	Ra-020 or 520	Ra-042 or 542
3/8" (10mm)	1 1/2" (40mm)		Ra-012 or 512	Ra-012 or 512	Ra-020, 520	Ra-040 or 540	Ra-040 or 540	Ra-042 or 542
3/8" (10mm)	2" (50mm)		Ra-014 or 514	Ra-014 or 514	Ra-040 or 522	Ra-040 or 540	Ra-040 or 540	Ra-042 or 542
3/8" (10mm)	2 3/8" (60mm)			Ra-020 or 520	Ra-040 or 522	Ra-040 or 540	Ra-040 or 540	Ra-042 or 542
3/8" (10mm)	3 1/8" (80mm)				Ra-042 or 542	Ra-042 or 542	Ra-042 or 542	Ra-042 or 542
3/8" (10mm)	5 1/8" (130mm)					Ra-042 or 542	Ra-044 or 544	Ra-044 or 546
		1/2" (12mm)	Ra-012 or 512	Ra-012 or 512	Ra-040 or 522	Ra-025 or 525	Ra-042 or 542	Ra-044 or 544
1/2" (12mm)	1 1/2" (40mm)		Ra-012 or 512	Ra-012 or 512	Ra-040 or 522	Ra-040 or 540	Ra-040 or 540	Ra-044 or 544
1/2" (12mm)	2" (50mm)		Ra-014 or 514	Ra-014 or 514	Ra-040 or 522	Ra-040 or 540	Ra-042 or 542	Ra-044 or 544
1/2" (12mm)	2 3/4" (70mm)			Ra-020 or 520	Ra-040 or 522	Ra-040 or 540	Ra-042 or 542	Ra-044 or 544
1/2" (12mm)	3 3/4" (95mm)				Ra-040 or 540	Ra-042 or 542	Ra-042 or 542	Ra-025 or 525
1/2" (12mm)	5 1/8" (130mm)					Ra-044 or 544	Ra-044 or 544	Ra-041 or 535
		3/4" (19mm)	Ra-012 or 512	Ra-012 or 512	Ra-040 or 524	Ra-025 or 525	Ra-041 or 535	Ra-044 or 544
3/8" (10mm)	3/4" (20mm)		Ra-012 or 512	Ra-012 or 512	Ra-040 or 524	Ra-040 or 540	Ra-040 or 540	Ra-044 or 544
3/4" (19mm)	1" (25mm)		Ra-012 or 512	Ra-014 or 514	Ra-040 or 524	Ra-040 or 540	Ra-040 or 540	Ra-044 or 544
3/4" (19mm)	1 1/2" (40mm)		Ra-012 or 512	Ra-014 or 514	Ra-040 or 524	Ra-040 or 540	Ra-042 or 542	Ra-044 or 544
3/4" (19mm)	2" (50mm)		Ra-014 or 514	Ra-014, or 514	Ra-040 or 524	Ra-040 or 540	Ra-042 or 542	Ra-044 or 544
3/4" (19mm)	2 1/2" (65mm)				Ra-040 or 524	Ra-040 or 540	Ra-042 or 542	Ra-044 or 544
3/4" (19mm)	4 3/8" (110mm)					Ra-042 or 542	Ra-044 or 544	Ra-044 or 544
3/4" (19mm)	5 1/8" (130mm)					Ra-044 or 544	Ra-044 or 544	Ra-044 or 544
		1" (25mm)	Ra-014 or 514	Ra-014 or 514	Ra-040 or 540	Ra-040 or 540	Ra-044 or 544	Ra-044 or 544
1" (25mm)	1 1/2" (40mm)		Ra-014 or 514	Ra-014 or 514	Ra-040 or 540	Ra-042 or 542	Ra-044 or 544	Ra-045 or 545
1" (25mm)	2" (50mm)			Ra-040 or 522	Ra-040 or 540	Ra-042 or 542	Ra-044 or 544	Ra-045 or 545
1" (25mm)	3 1/8" (80mm)					Ra-042 or 542	Ra-044 or 544	Ra-045 or 545
1" (25mm)	4" (100mm)					Ra-044 or 544	Ra-044 or 544	Ra-045 or 545

**MOST POPULAR PATCHES LISTED. ANY PATCH CAN BE USED ON ALL APPLICATIONS**

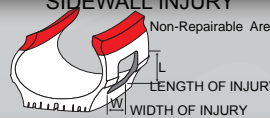




## SELECT LOCATION AND TIRE INJURY SIZE ...CONTINUED

# CORD REINFORCED RADIAL PATCH APPLICATION CHART

SIDEWALL INJURY		TREAD INJURY	PASSENGER		LIGHT TRUCK	Tube Type		Tubeless Type
						HEAVY TRUCK		EARTH MOVER
Maximum Sidewall Width	Maximum Sidewall Length	Maximum Tread Injury	125 - 195	205 - 255	Width 6.50 - 12.50	7.50 - 10.00	11.00 - 14.00	Width 14.00 - 40.00
					Width 7 - 10 215/85 - 255/85 215/75 - 265/75	Width 8 - 11 235/80 - 275/80 245/75 - 295/75	Width 12 - 16.5 295/80 - 315/80 315/75 - 425/65	Width 15.5 - 50.5 20/65 - 65/65
		1 1/4" (30mm)	Ra-014 or 514	Ra-014 or 514	Ra-040 or 522	Ra-040 or 522	Ra-044 or 544	Ra-041 or 535
1 1/4" (30mm)	2" (50mm)			Ra-522	Ra-040 or 522	Ra-042 or 542	Ra-044 or 544	Ra-041 or 535
1 1/4" (30mm)	3 1/8" (80mm)				Ra-025 or 525	Ra-044 or 544	Ra-044 or 544	Ra-045 or 545
1 1/4" (30mm)	4" (100mm)					Ra-044 or 544	Ra-041 or 535	Ra-045 or 545
		1 1/2" (40mm)				Ra-044 or 544	Ra-044 or 544	Ra-041 or 535
1 1/2" (40mm)	2" (50mm)					Ra-044 or 544	Ra-044 or 544	Ra-041 or 535
1 1/2" (40mm)	3 1/8" (80mm)					Ra-044 or 544	Ra-044 or 544	Ra-045 or 545
		1/4" (6mm)	Ra-010 or 510	Ra-010 or 510	Ra-012 or 512	Ra-020 or 520	Ra-020 or 520	Ra-042 or 542
		3/8" (10mm)	Ra-012 or 512	Ra-012 or 512	Ra-020 or 520	Ra-020 or 520	Ra-522	Ra-042 or 542
		1/2" (12mm)	Ra-012 or 512	Ra-012 or 512	Ra-020 or 520	Ra-522	Ra-040 or 540	Ra-044 or 544
		3/4" (19mm)		Ra-014 or 514	Ra-522	Ra-522	Ra-040 or 540	
		1" (25mm)			Ra-040 or 540	Ra-042 or 542	Ra-042 or 542	
		1 1/2" (40mm)				Ra-044 or 544	Ra-044 or 544	

## CORD REINFORCED RADIAL REPAIR APPLICATION CHART

SIDEWALL INJURY		TREAD INJURY	AGRICULTURAL	
				
Maximum Sidewall Width	Maximum Sidewall Length	Maximum Tread Injury	Width 8-11	Width 12-15
			8.3 - 12.4	13.5 - 30.5 440/65 - 800/65
1/4" (6mm)	1/4" (6mm)	1/4" (6mm)	Ra-012 or 512	Ra-012 or 512
3/8" (10mm)	3/8" (10mm)	3/8" (10mm)	Ra-012 or 512	Ra-012 or 512
3/8" (10mm)	1 1/2" (40mm)		Ra-020 or 520	Ra-020 or 520
3/4" (19mm)	3/4" (19mm)	3/4" (19mm)	Ra-020 or 520	Ra-020 or 520
3/4" (19mm)	3" (75mm)		Ra-522	Ra-041
1 1/2" (40mm)	4" (100mm)	1 1/2" (40mm)	Ra-041	Ra-045 or 545
2" (50mm)	3 1/4" (80mm)		Ra-041	Ra-045 or 545
2 1/2" (65mm)	3" (75mm)		Ra-041	Ra-045 or 545
2 1/2" (65mm)	4" (100mm)			Ra-045 or 545
2 3/4" (70mm)	2 3/4" (70mm)	2 3/4" (70mm)	Ra-041	Ra-045 or 545
3 1/4" (80mm)	3 1/4" (80mm)			Ra-045 or 545
3 1/4" (80mm)	5 1/4" (130mm)			Ra-546
3 1/2" (90mm)	4 1/2" (115mm)	3 1/2" (90mm)		Ra-546
4" (100mm)	4" (100mm)			Ra-546
4" (100mm)	6 1/2" (165mm)			Ra-546
5 1/4" (130mm)	5 1/4" (130mm)	6 1/4" (130mm)		Ra-546

### USE THIS CHART AS A GUIDE

1) Measure the injury to be repaired across the largest damaged area.

2) Locate the Sidewall or Tread column for the size of injury to be repaired.

If the injury size is between measurements on the chart, go up to the next largest measurement.

3) When you locate the correct injury size on the chart, go to the appropriate tire size column. Where the injury size row and the tire size column intersect is the correct repair unit to use.

**NOTE:** This is only a guide, each technician must determine the complete damage to the tire that is being repaired. It is important to use a repair with enough structural reinforcement to replace the structural loss to the damaged tire. The structural integrity must be repaired and also RMA requires that the injury to the tire must also be filled. For Inserts and Repairs, see pages 10, 38 & 39.

Do not use bias type or tube repairs on radial tires.

**MOST POPULAR PATCHES LISTED. ANY PATCH CAN BE USED ON ALL APPLICATIONS**

# EURO-STYLE RADIAL PATCHES

The BlackJack radial chemical-cure patch is designed to vulcanize without heat. These radial repairs are made as the “Euro-Style” which is a one-piece construction with two types of rubber assembled at the same time and placed on a mylar backing material. These repairs are cord reinforced with a bead arrow. It is an excellent repair for the tread area, shoulder or sidewall where structural reinforcement is required. Use the appropriate size and ply to replace the structural damage caused by the injury.

*Note: Ra-505 is a special non-cord reinforced repair which is flexible and can be used on the shoulder and sidewall.*



**Ra-505**



**Ra-510**



**Ra-512**



**Ra-514**



**Ra-520**



**Ra-522**



**Ra-524**



**Ra-540**



**Ra-542**

SKU #	PRODUCT DESCRIPTION	SIZE	PLIES	QTY
Ra-505	Radial Chemical Cure Repair	2" ~ (50mm)	1	Pic-Pak of 20
Ra-505-100	Radial Chemical Cure Repair	2" ~ (50mm)	1	Pail of 100
Ra-510-2	Radial Chemical Cure Repair	55mm x 75mm (2 1/8" x 3")	1	Flat Pack of 2
Ra-510	Radial Chemical Cure Repair	55mm x 75mm (2 1/8" x 3")	1	Pic-Pak of 15
Ra-510-100	Radial Chemical Cure Repair	55mm x 75mm (2 1/8" x 3")	1	Pail of 100
Ra-512-2	Radial Chemical Cure Repair	70mm x 115mm (2 3/4" x 4 3/8")	1	Flat Pack of 2
Ra-512	Radial Chemical Cure Repair	70mm x 115mm (2 3/4" x 4 3/8")	1	Pic-Pak of 15
Ra-512-100	Radial Chemical Cure Repair	70mm x 115mm (2 3/4" x 4 3/8")	1	Pail of 100
Ra-514-2	Radial Chemical Cure Repair	85mm x 130mm (3 1/4" x 5")	1	Flat Pack of 2
Ra-514-10	Radial Chemical Cure Repair	85mm x 130mm (3 1/4" x 5")	1	Box of 10
Ra-520-2	Radial Chemical Cure Repair	80mm x 125mm (3" x 5")	2	Flat Pack of 2
Ra-520-10	Radial Chemical Cure Repair	80mm x 125mm (3" x 5")	2	Box of 10
Ra-522-2	Radial Chemical Cure Repair	75mm x 175mm (2 7/8" x 6 3/4")	2	Flat Pack of 2
Ra-522-10	Radial Chemical Cure Repair	75mm x 175mm (2 7/8" x 6 3/4")	2	Box of 10
Ra-524-2	Radial Chemical Cure Repair	75mm x 220mm (2 7/8" x 8 5/8")	2	Flat Pack of 2
Ra-524-10	Radial Chemical Cure Repair	75mm x 220mm (2 7/8" x 8 5/8")	2	Box of 10
Ra-540-1	Radial Chemical Cure Repair	100mm x 195mm (4" x 7 1/2")	3	Flat Pack of 1
Ra-540-10	Radial Chemical Cure Repair	100mm x 195mm (4" x 7 1/2")	3	Box of 10
Ra-542-1	Radial Chemical Cure Repair	130mm x 260mm (5" x 10")	4	Flat Pack of 1
Ra-542-10	Radial Chemical Cure Repair	130mm x 260mm (5" x 10")	4	Box of 10
Ra-544-1	Radial Chemical Cure Repair	130mm x 335mm (5 1/4" x 13")	4	Flat Pack of 1
Ra-544-10	Radial Chemical Cure Repair	130mm x 335mm (5 1/4" x 13")	4	Box of 10
Ra-546-1	Radial Chemical Cure Repair	180mm x 440mm (7 1/4" x 17 1/4")	4	Flat Pack of 1
Ra-546-10	Radial Chemical Cure Repair	180mm x 440mm (7 1/4" x 17 1/4")	4	Box of 10





Ra-544



Ra-546

**CROWN USE ONLY**

These BlackJack repairs are made with the "Euro-Style" one-piece construction. These repairs are very heavy duty to replace the structural value of the tire damaged. These are designed for the tread only because they are normally too rigid to be used on the sidewall.

SKU #	PRODUCT DESCRIPTION	PLIES	SIZE	QTY
Ra-525-1	Radial Chemical Cure Repair (Crown Use Only)	3	115mm x 125mm (4 1/2" x 5")	Flat Pack of 1
Ra-525-10	Radial Chemical Cure Repair (Crown Use Only)	3	115mm x 125mm (4 1/2" x 5")	Box of 10
Ra-535-1	Radial Chemical Cure Repair (Crown Use Only)	4	125mm x 180mm (5" x 7")	Flat Pack of 1
Ra-535-10	Radial Chemical Cure Repair (Crown Use Only)	4	125mm x 180mm (5" x 7")	Box of 10
Ra-545-1	Radial Chemical Cure Repair (Crown Use Only)	4	175mm x 230mm (7" x 9")	Flat Pack of 1
Ra-545-10	Radial Chemical Cure Repair (Crown Use Only)	4	175mm x 230mm (7" x 9")	Box of 10

(See page 28 for Application Diagram.)



Ra-525



Ra-535



Ra-545

# RADIAL PATCHES

These heavy duty radial patches can be used to repair punctures and small injuries on all types of tires, including shoulder and sidewalls. These repairs are not cord reinforced and should be used only when there is no structural damage. When the cords are damaged, use the appropriate cord reinforced radial patch.

These top quality specially designed radial repairs are made with a two piece construction. The top layer is made with a heavy layer of vulcanized top quality butyl rubber that is feathered at the edges. The bottom or second layer is made of a non-vulcanized black cushion gum that is also feathered at the edges. The feathering at the edges allows the repair to be more flexible at the edges. This Heavy Duty patch is a permanent repair.

## SQUARE



Ra-301



Ra-302



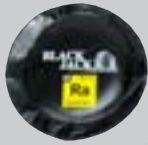
Ra-303

SKU #	PRODUCT DESCRIPTION	SIZE	QTY
Ra-301	Square Radial Patch	1 3/4" (45mm)	Pic-Pak of 20
Ra-301-100	Square Radial Patch	1 3/4" (45mm)	Pail of 100
Ra-302	Square Radial Patch	2 1/8" (54mm)	Pic-Pak of 20
Ra-302-100	Square Radial Patch	2 1/8" (54mm)	Pail of 100
Ra-303	Square Radial Patch	2 3/4" (70mm)	Pic-Pak of 20
Ra-303-100	Square Radial Patch	2 3/4" (70mm)	Pail of 100

## ROUND



Ra-551



Ra-552



Ra-553



Ra-554

SKU #	PRODUCT DESCRIPTION	SIZE	QTY
Ra-551	Round Radial Patch	1 3/4" (45mm)	Pic-Pak of 20
Ra-551-100	Round Radial Patch	1 3/4" (45mm)	Pail of 100
Ra-552	Round Radial Patch	2 3/8" (60mm)	Pic-Pak of 20
Ra-552-100	Round Radial Patch	2 3/8" (60mm)	Pail of 100
Ra-553	Round Radial Patch	3 1/8" (80mm)	Pic-Pak of 20
Ra-553-100	Round Radial Patch	3 1/8" (80mm)	Pail of 100
Ra-554	Round Radial Patch	4" (100mm)	Pic-Pak of 20
Ra-554-100	Round Radial Patch	4" (100mm)	Pail of 100

## OVAL



Ra-122

SKU #	PRODUCT DESCRIPTION	SIZE	QTY
Ra-120	Oval Radial Patch	1 3/4" x 3" (45mm x 76mm)	Pic-Pak of 20
Ra-120-100	Oval Radial Patch	1 3/4" x 3" (45mm x 76mm)	Pail of 100
Ra-121	Oval Radial Patch	2 1/4" x 4" (58mm x 103mm)	Pic-Pak of 20
Ra-121-100	Oval Radial Patch	2 1/4" x 4" (58mm x 103mm)	Pail of 100
Ra-122	Oval Radial Patch	2 3/4" x 4 1/8" (70mm x 105mm)	Pic-Pak of 20
Ra-122-100	Oval Radial Patch	2 3/4" x 4 1/8" (70mm x 105mm)	Pail of 100



Ra-120



Ra-121



We recommend our Pic-Pak Inventory Management System.



The BlackJack Sidewall Off-Road repairs are specifically designed to be used only on the sidewall. They can be used to temporarily repair punctures and injuries to the sidewall on all types of off-road tires. These economy, non-directional cord reinforced repairs are manufactured with chopped cord blended into the top layer of rubber. These are a two-piece repair with black vulcanizing gum. Use the appropriate size to replace the structural damage caused by the injury. *Designed to be used with an inner tube.*

## SIDEWALL

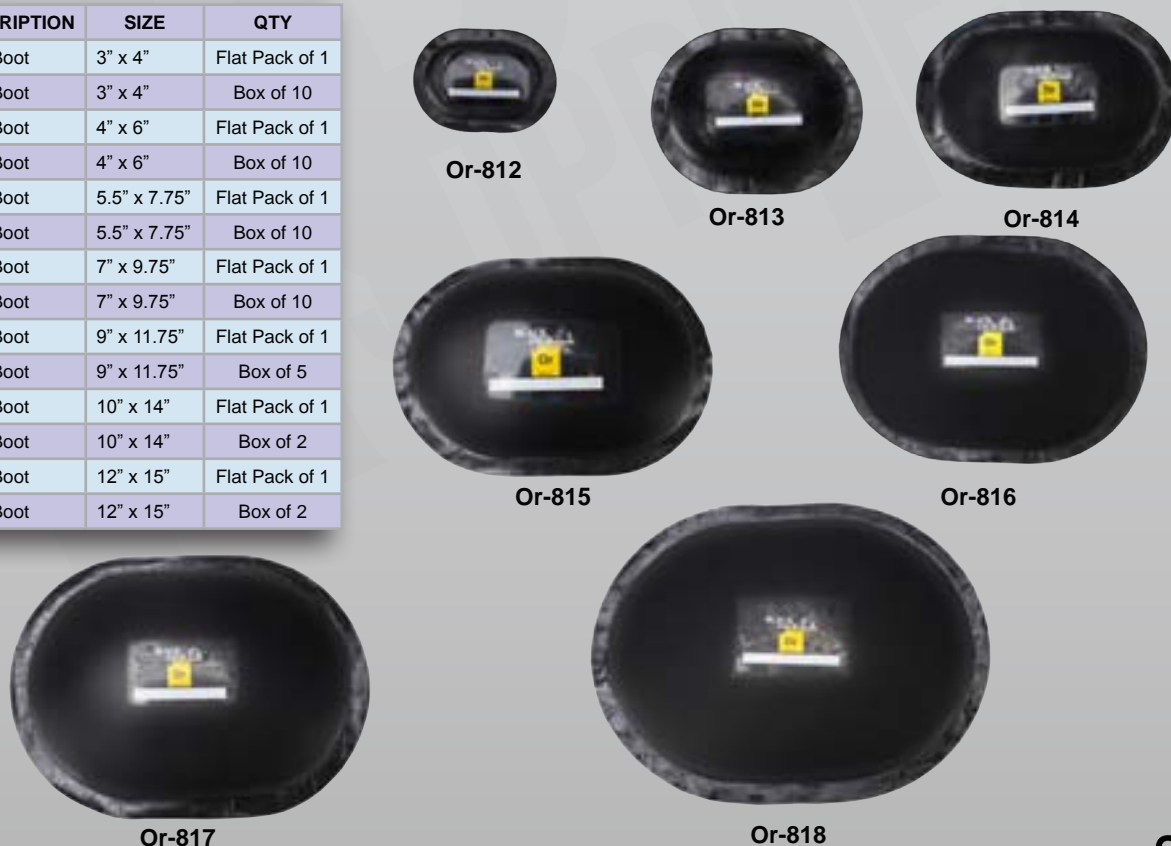
SKU #	PRODUCT DESCRIPTION	SIZE	QTY
Or-852-1	Sidewall Agricultural Boot	5.25" x 7.25"	Flat Pack of 1
Or-852	Sidewall Agricultural Boot	5.25" x 7.25"	Box of 5
Or-853-1	Sidewall Agricultural Boot	6.25" x 10"	Flat Pack of 1
Or-853	Sidewall Agricultural Boot	6.25" x 10"	Box of 5
Or-854-1	Sidewall Agricultural Boot	7.5" x 13.25"	Flat Pack of 1
Or-854	Sidewall Agricultural Boot	7.5" x 13.25"	Box of 5
Or-855-1	Sidewall Agricultural Boot	10.5" x 15"	Flat Pack of 1
Or-855	Sidewall Agricultural Boot	10.5" x 15"	Box of 2
Or-856-1	Sidewall Agricultural Boot	12" x 18"	Flat Pack of 1
Or-856	Sidewall Agricultural Boot	12" x 18"	Box of 2



## OVAL

The BlackJack Off-Road repairs are designed to be used on any part of the tire except the sidewall. They can be used to temporarily repair punctures and injuries on all types of off-road tires. These economy, non-directional cord reinforced repairs are manufactured with chopped cord blended into the top layer of rubber. These are a two-piece repair with black vulcanizing gum. Use the appropriate size to replace the structural damage caused by the injury. *Designed to be used with an inner tube.*

SKU #	PRODUCT DESCRIPTION	SIZE	QTY
Or-812-1	Oval Agricultural Boot	3" x 4"	Flat Pack of 1
Or-812	Oval Agricultural Boot	3" x 4"	Box of 10
Or-813-1	Oval Agricultural Boot	4" x 6"	Flat Pack of 1
Or-813	Oval Agricultural Boot	4" x 6"	Box of 10
Or-814-1	Oval Agricultural Boot	5.5" x 7.75"	Flat Pack of 1
Or-814	Oval Agricultural Boot	5.5" x 7.75"	Box of 10
Or-815-1	Oval Agricultural Boot	7" x 9.75"	Flat Pack of 1
Or-815	Oval Agricultural Boot	7" x 9.75"	Box of 10
Or-816-1	Oval Agricultural Boot	9" x 11.75"	Flat Pack of 1
Or-816	Oval Agricultural Boot	9" x 11.75"	Box of 5
Or-817-1	Oval Agricultural Boot	10" x 14"	Flat Pack of 1
Or-817	Oval Agricultural Boot	10" x 14"	Box of 2
Or-818-1	Oval Agricultural Boot	12" x 15"	Flat Pack of 1
Or-818	Oval Agricultural Boot	12" x 15"	Box of 2



# BIAS-PLY PATCH APPLICATION CHART

## INJURY SIZE

BIAS-PLY PATCH APPLICATION CHART  
PLY RATING

PLY	1/8" (3mm)	1/4" (6mm)	3/8" (10mm)	1/2" (15mm)	3/4" (20mm)	1" (25mm)	1 1/2" (40mm)	2" (50mm)	2 1/2" (65mm)	3" (75mm)
<b>PASSENGER, TRUCK &amp; EARTH MOVER with bias ply construction</b>										
4	Bp-573	Bp-574 or 580	Bp-574 or 580	Bp-575 or 581	Bp-575 or 581	Bp-575 or 581	Bp-575 or 581	Bp-577 or 584	Bp-577 or 584	
6	Bp-573	Bp-574 or 580	Bp-574 or 580	Bp-575 or 581	Bp-576 or 582	Bp-576 or 582	Bp-576 or 582	Bp-577 or 584	Bp-577 or 584	
8	Bp-573	Bp-574 or 580	Bp-574 or 580	Bp-575 or 581	Bp-576 or 582	Bp-576 or 582	Bp-576 or 582	Bp-577 or 584	Bp-577 or 584	
10	Bp-573	Bp-574 or 580	Bp-575 or 581	Bp-576 or 582	Bp-576 or 582	Bp-576 or 582	Bp-576 or 582	Bp-577 or 584	Bp-577 or 584	Bp-578 or 585
12	Bp-573	Bp-574 or 580	Bp-575 or 581	Bp-576 or 582	Bp-576 or 582	Bp-576 or 582	Bp-576 or 582	Bp-577 or 584	Bp-577 or 584	Bp-578 or 585
14	Bp-573	Bp-575 or 581	Bp-575 or 581	Bp-576 or 582	Bp-576 or 582	Bp-576 or 586	Bp-576 or 586	Bp-577 or 584	Bp-578 or 585	Bp-578 or 585
16	Bp-573	Bp-575 or 581	Bp-575 or 581	Bp-576 or 582	Bp-576 or 582	Bp-576 or 586	Bp-576 or 586	Bp-577 or 584	Bp-578 or 585	Bp-578 or 586
18	Bp-574 or 580	Bp-575 or 581	Bp-576 or 582	Bp-577 or 584	Bp-576 or 582	Bp-576 or 586	Bp-577 or 584	Bp-578 or 585	Bp-578 or 586	
20	Bp-574 or 580	Bp-575 or 581	Bp-576 or 582	Bp-577 or 584	Bp-576 or 582	Bp-576 or 586	Bp-577 or 584	Bp-578 or 585	Bp-578 or 586	
22	Bp-574 or 580	Bp-576 or 582	Bp-576 or 582	Bp-577 or 584	Bp-576 or 586	Bp-576 or 586	Bp-577 or 584	Bp-578 or 585	Bp-578 or 586	
24	Bp-574 or 580	Bp-576 or 582	Bp-576 or 582	Bp-577 or 584	Bp-576 or 586	Bp-577 or 584	Bp-578 or 585	Bp-578 or 585		
<b>FARM, TRACTOR &amp; SKID STEER with bias ply construction</b>										
4	Bp-573	Bp-575 or 581	Bp-575 or 581	Bp-576 or 582	Bp-576 or 586	Bp-576 or 586	Bp-576 or 586			
6	Bp-573	Bp-575 or 581	Bp-575 or 581	Bp-576 or 582	Bp-577 or 584	Bp-577 or 584	Bp-577 or 584	Bp-577 or 584		
8	Bp-574 or 580	Bp-575 or 581	Bp-576 or 582	Bp-577 or 584	Bp-578 or 585	Bp-578 or 586	Bp-578 or 585	Bp-578 or 585	Bp-578 or 585	
10	Bp-574 or 580	Bp-575 or 581	Bp-576 or 582	Bp-577 or 584	Bp-578 or 585	Bp-578 or 586	Bp-578 or 585	Bp-578 or 585	Bp-578 or 585	Bp-578 or 586
12	Bp-575 or 581	Bp-575 or 581	Bp-576 or 582	Bp-577 or 584	Bp-578 or 585	Bp-578 or 586	Bp-578 or 586	Bp-578 or 586	Bp-578 or 586	Bp-578 or 586
14	Bp-575 or 581	Bp-576 or 582	Bp-577 or 584	Bp-577 or 584	Bp-578 or 586	Bp-578 or 586	Bp-578 or 586	Bp-578 or 586	Bp-578 or 586	Bp-578 or 586
16	Bp-575 or 581	Bp-576 or 582	Bp-577 or 584	Bp-578 or 585	Bp-578 or 586	Bp-578 or 586	Bp-578 or 586	Bp-578 or 586	Bp-578 or 586	Bp-578 or 586
18	Bp-576 or 582	Bp-577 or 584	Bp-577 or 584	Bp-578 or 585	Bp-578 or 586	Bp-576 or 586	Bp-578 or 586	Bp-578 or 586	Bp-578 or 586	Bp-578 or 586
<b>HEAVY DUTY REINFORCEMENT REPAIRS for bias ply tires</b>										
8-12	Bp-574 or 580	Bp-574 or 580	Bp-575 or 581	Bp-575 or 581	Bp-575 or 581	Bp-575 or 581	Bp-576 or 582	Bp-577 or 584	Bp-577 or 584	Bp-576 or 586
14-18	Bp-574 or 580	Bp-574 or 580	Bp-575 or 581	Bp-575 or 581	Bp-576 or 582	Bp-576 or 582	Bp-577 or 584	Bp-577 or 584	Bp-576 or 586	Bp-578 or 586
20-24	Bp-574 or 580	Bp-575 or 581	Bp-575 or 581	Bp-576 or 582	Bp-577 or 584	Bp-576 or 582	Bp-577 or 584	Bp-577 or 584	Bp-578 or 586	Bp-578 or 586

**USE THIS CHART AS A GUIDE**

- 1) Measure the injury to be repaired across the largest damaged area. If the injury size is between measurements on the chart, go up to the next largest measurement.
- 2) Locate the row for the number of the ply rating of tire to be repaired.
- 3) When you locate the correct injury size column on the chart, go to the appropriate ply rating row. Where the injury size column and the tire ply rating row intersect is the correct repair unit to use.

**NOTE:** This is only a guide, each technician must determine the complete damage to the tire that is being repaired. It is important to use a repair with enough structural reinforcement to replace the structural loss to the damaged tire. The structural integrity must be repaired and also RMA requires that the injury to the tire must also be filled. For Inserts and Repairs, see Pages 10, 38 & 39.

Do not use radial repairs on bias tires.



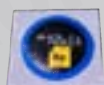
These cord reinforced Bias-ply repairs are a Two-Piece repair with gray vulcanizing gum. These Heavy Duty Bias-ply repairs can be used to repair injuries on all types of Bias-ply tires, including shoulder and sidewalls. These repairs are cord reinforced with an arrow that should be pointing to the beads when installed. This repair is specially designed with high tensile strength cords to repair the structural damage to the tire. Use the appropriate size and ply to replace the structural damage caused by the injury.

## EURO-STYLE

SKU #	PRODUCT DESCRIPTION	SIZE	PLIES	QTY
Bp-573	One-Piece Bias-ply Repair	2" (55mm)	2	Pic-Pak of 15
Bp-573-100	One-Piece Bias-ply Repair	2" (55mm)	2	Pail of 100
Bp-574	One-Piece Bias-ply Repair	3 1/8" (80mm)	2	Pic-Pak of 15
Bp-574-100	One-Piece Bias-ply Repair	3 1/8" (80mm)	2	Pail of 100
Bp-575-2	One-Piece Bias-ply Repair	4" (100mm)	2	Flat Pack of 2
Bp-575	One-Piece Bias-ply Repair	4" (100mm)	2	Pic-Pak of 12
Bp-576-1	One-Piece Bias-ply Repair	4 3/4" (120mm)	4	Flat Pack of 1
Bp-576-10	One-Piece Bias-ply Repair	4 3/4" (120mm)	4	Box of 10
Bp-577-1	One-Piece Bias-ply Repair	6 3/8" (160mm)	4	Flat Pack of 1
Bp-577-10	One-Piece Bias-ply Repair	6 3/8" (160mm)	4	Box of 10
Bp-578-1	One-Piece Bias-ply Repair	9 1/4" (235mm)	6	Flat Pack of 1
Bp-578-10	One-Piece Bias-ply Repair	9 1/4" (235mm)	6	Box of 10



Bp-578



Bp-573



Bp-574



Bp-575



Bp-576



Bp-577

These cord reinforced repairs are made as the "Euro-Style" one-piece construction with two types of rubber assembled at the same time and placed on a mylar backing material. These repairs are reinforced with high tensile strength cords and arrows that should be pointing to the beads when installed. This is an excellent repair for the tread area, shoulder or sidewall where structural reinforcement is required. Use the appropriate size and ply to replace the structural damage caused by the injury.

## USA STYLE

SKU #	PRODUCT DESCRIPTION	SIZE	PLIES	QTY
Bp-400	Round Reinforced Repair	2 1/4" (57mm)	2	Pic-Pak of 12
Bp-401	Round Reinforced Repair	3 3/16" (80mm)	2	Pic-Pak of 12
Bp-580-2	Criss-Cross Reinforced Repair	3 1/2" (90mm)	2	Flat Pack of 2
Bp-580-12	Criss-Cross Reinforced Repair	3 1/2" (90mm)	2	Bulk Pkg of 12
Bp-581-2	Criss-Cross Reinforced Repair	4" (103mm)	2	Flat Pack of 2
Bp-581-12	Criss-Cross Reinforced Repair	4" (103mm)	2	Bulk Pkg of 12
Bp-582-2	Criss-Cross Reinforced Repair	4 3/4" (120mm)	4	Flat Pack of 2
Bp-582-12	Criss-Cross Reinforced Repair	4 3/4" (120mm)	4	Bulk Pkg of 12
Bp-583-1	Criss-Cross Reinforced Repair	5 3/4" (145mm)	4	Flat Pack of 1
Bp-583-12	Criss-Cross Reinforced Repair	5 3/4" (145mm)	4	Bulk Pkg of 12
Bp-584-1	Criss-Cross Reinforced Repair	7" (180mm)	4	Flat Pack of 1
Bp-584-12	Criss-Cross Reinforced Repair	7" (180mm)	4	Bulk Pkg of 12
Bp-585-1	Criss-Cross Reinforced Repair	8 3/4" (225mm)	6	Flat Pack of 1
Bp-585-12	Criss-Cross Reinforced Repair	8 3/4" (225mm)	6	Bulk Pkg of 12
Bp-586-1	Criss-Cross Reinforced Repair	10 1/2" (265mm)	6	Flat Pack of 1
Bp-586-12	Criss-Cross Reinforced Repair	10 1/2" (265mm)	6	Bulk Pkg of 12



Bp-585

Bp-586



Bp-400



Bp-401



Bp-580



Bp-581



Bp-582



Bp-583



Bp-584

# LEAD WIRE TYPE REPAIRS

Lead Wire Inserts are designed to fill the injury in passenger and truck tires. These are designed for both Radial and Bias-ply tires and coated with a premium blue gum.

## LEAD WIRE INSERTS



SKU #	PRODUCT DESCRIPTION	Carbide Cutter	SIZE	QTY
In-903	Lead Wire Insert	Cc-032, 032L	1/8" (3mm)	Pic-Pak of 50
In-904	Lead Wire Insert	Cc-032, 032L	5/32" (4mm)	Pic-Pak of 50
In-906-5	Lead Wire Insert	Cc-033	1/4" (6mm)	Pkg of 5
In-906	Lead Wire Insert	Cc-033	1/4" (6mm)	Pic-Pak of 60
In-906-100	Lead Wire Insert	Cc-033	1/4" (6mm)	Bulk Pkg of 100
In-910-5	Lead Wire Insert	Cc-033	3/8" (10mm)	Pkg of 5
In-910	Lead Wire Insert	Cc-033	3/8" (10mm)	Pic-Pak of 40
In-910-100	Lead Wire Insert	Cc-033	3/8" (10mm)	Bulk Pkg of 100
In-911-5	Lead Wire Insert	Cc-034	7/16" (11mm)	Pkg of 5
In-911	Lead Wire Insert	Cc-034	7/16" (11mm)	Pic-Pak of 30
In-911-100	Lead Wire Insert	Cc-034	7/16" (11mm)	Bulk Pkg of 100

## PATCH/PLUG COMBI UNITS - WIRE LEAD TYPE

The Patch Plug Combi Units offer the benefits of a plug and patch in one. A built-in stem lead wire helps to pull through from inside the tire, making a complete one-step permanent seal inside-out. It makes a permanent repair through the tread with the rubber constructed patch and stem. Fast, easy, and one of the best ways to repair a radial or bias-ply tire.



Cu-203-12



Cu-206-12



Cu-210-12



Cu-303-12



Cu-310-12

SKU #	PRODUCT DESCRIPTION	Carbide Cutter	SIZE	QTY
Cu-203-12	Patch Plug Combi (Dipped Stem)	Cc-032L	1/8" (3mm) Stem	Box of 12
Cu-203-40	Patch Plug Combi (Dipped Stem)	Cc-032L	1/8" (3mm) Stem	Box of 40
Cu-206-12	Patch Plug Combi (Dipped Stem)	Cc-033	1/4" (6mm) Stem	Box of 12
Cu-206-40	Patch Plug Combi (Dipped Stem)	Cc-033	1/4" (6mm) Stem	Box of 40
Cu-210-12	Patch Plug Combi (Dipped Stem)	Cc-033	3/8" (10mm) Stem	Box of 12
Cu-210-40	Patch Plug Combi (Dipped Stem)	Cc-033	3/8" (10mm) Stem	Box of 40
Cu-211-8	Patch Plug Combi (Dipped Stem)	Cc-034	7/16" (11mm) Stem	Box of 8
Cu-211-24	Patch Plug Combi (Dipped Stem)	Cc-034	7/16" (11mm) Stem	Box of 24
Cu-303-12	Patch Plug Combi (Wrapped Stem)	Cc-032L	1/8" (3mm) Stem	Box of 12
Cu-303-40	Patch Plug Combi (Wrapped Stem)	Cc-032L	1/8" (3mm) Stem	Box of 40
Cu-306-12	Patch Plug Combi (Wrapped Stem)	Cc-033	1/4" (6mm) Stem	Box of 12
Cu-306-40	Patch Plug Combi (Wrapped Stem)	Cc-033	1/4" (6mm) Stem	Box of 40
Cu-310-12	Patch Plug Combi (Wrapped Stem)	Cc-033	3/8" (10mm) Stem	Box of 12
Cu-310-40	Patch Plug Combi (Wrapped Stem)	Cc-033	3/8" (10mm) Stem	Box of 40



# PATCH/PLUG COMBI UNITS

The patch plug combo units offer the benefits of a plug and patch in one. A built-in metal quill stem helps protect the stem when pushed through from inside the tire, making a complete one-step permanent repair inside-out.

It makes a permanent repair through the tread with the rubber constructed patch and stem. Fast, easy, and one of the best way to repair a radial or bias-ply tire.

## QUILL-TYPE

SKU #	PRODUCT DESCRIPTION	Carbide Cutter	SIZE	QTY
Cu-503-12	Patch Plug Quill-Type Combination Repairs	Cc-032L	2" Patch with 1/8" (3mm) Stem	Box of 12
Cu-503-24	Patch Plug Quill-Type Combination Repairs	Cc-032L	2" Patch with 1/8" (3mm) Stem	Box of 24
Cu-506-12	Patch Plug Quill-Type Combination Repairs	Cc-033	2" Patch with 1/4" (6mm) Stem	Box of 12
Cu-506-24	Patch Plug Quill-Type Combination Repairs	Cc-033	2" Patch with 1/4" (6mm) Stem	Box of 24



Cu-503-12

Cu-506-12

## QUILL WITH CORD REINFORCEMENT

SKU #	PRODUCT DESCRIPTION	Carbide Cutter	SIZE	QTY
Cu-708-8	Reinforced Radial Patch/Plug	Cc-033	1 3/4" x 3" with 5/16" (8mm) Stem	Box of 8
Cu-710-4	Reinforced Radial Patch/Plug	Cc-033	2 1/4" x 4" with 3/8" (10mm) Stem	Box of 4
Cu-711-4	Reinforced Radial Patch/Plug	Cc-034	2 5/8" x 5 1/2" with 7/16" (11mm) Stem	Box of 4

Same quill type as above but the patch portion of this unit is cord reinforced and designed for tread areas only. Cord reinforced patch.



Cu-711-4



Cu-708-8

## UNIVERSAL QUILL-TYPE

SKU #	PRODUCT DESCRIPTION	Carbide Cutter	SIZE	QTY
Cu-604-12	Round Universal Quill-Type Combi-Unit	Cc-032L	5/32" (4mm) Stem	Box of 12
Cu-605-10	Round Universal Quill-Type Combi-Unit	Cc-033	7/32" (5.5mm) Stem	Box of 10
Cu-608-8	Round Universal Quill-Type Combi-Unit	Cc-033	5/16" (8mm) Stem	Box of 8



Cu-604-12



Cu-605-10



Cu-608-8

# TPMS SERVICE KIT AND ACCESSORIES

OEM requires that all sealing components be replaced when re-installing a TPMS sensor. The replacement components are supplied in TPMS accessory kits, which are specific for each sensor. Each TPMS accessory kit contains: 1 nut, 1 valve core, 1 cap, and 1 grommet.



As-TPMS

## TIRE PRESSURE MONITORING SYSTEM KIT

SKU #	PRODUCT DESCRIPTION
As-TPMS	Tire Pressure Monitoring System Kit
Ct-101	TPMS Sensor Removal Tool
20131AK	TPMS Valve Accessory Kit 'Schrader Sensor'
20028AK	TPMS Valve Accessory Kit 'Schrader Sensor'
20096AK	TPMS Valve Accessory Kit 'Schrader Sensor'
20107AK	TPMS Valve Accessory Kit 'Schrader Sensor'
Vs-20008-2	Replacement valve stem for TPMS Sensor (Blister Card of 2)
Vs-20008-15	Replacement valve stem for TPMS Sensor (Pic-Pak Box of 15)
Vs-20008-100	Replacement valve stem for TPMS Sensor (Box of 100)
Vs-20008-400	Replacement valve stem for TPMS Sensor (Box of 400)

Kit includes 60 accessory kits, 50 extra valve caps and a socket tool. Items are stored in a clear, snap lock case for easy viewing.



## VALVE CORES

BlackJack Valve cores are manufactured to replace OEM valve cores.



Cr-338



Cr-345 (Nitrogen)



Cr-339



Cr-349

SKU #	PRODUCT DESCRIPTION	QTY
Cr-338-5	(TR C1) Standard Tire Valve Core, Small Bore	Blister Card of 5
Cr-338-200	(TR C1) Standard Tire Valve Core, Small Bore	Pic-Pak of 200
Cr-339-5	High Heat Tire Valve Core, Small Bore	Blister Card of 5
Cr-339-200	High Heat Tire Valve Core, Small Bore	Pic-Pak of 200
Cr-345-100	Nitrogen Tire Valve Core, Small Bore	Pic-Pak of 100
Cr-349-2	(TR C2) Valve Core, Large Bore	Blister Card of 2
Cr-349-50	(TR C2) Valve Core, Large Bore	Pic-Pak of 50

## LARGE BORE VALVE ACCESSORIES

Large Bore screwdriver type valve stem caps, made of quality brass with nickel plated or chrome plated. The screwdriver top is for removing valve cores. Each cap has a rubber seal washer included in the caps. Large bore valve stems are high temp, OEM quality.



Vc-347



Cr-349



Vh-AD1



Vc-348

SKU #	PRODUCT DESCRIPTION	QTY
Vc-347-2	Large Bore Screw Driver Cap	Blister Card of 2
Vc-347-15	Large Bore Screw Driver Cap	Pic-Pak of 15
Cr-349-2	Valve Core, (Large Bore, Short)	Blister Card of 2
Cr-349-50	Valve Core, (Large Bore, Short)	Pic-Pak of 50
Vh-AD1-5	Large Bore Adapter	Pic-Pak of 5
Vc-348-2	Brass Valve Cap Large Bore w/ Hex Nut	Blister Card of 2
Vc-348	Brass Valve Cap Large Bore w/ Hex Nut	Pic-Pak of 50



## RUBBER GROMMETS

SKU #	PRODUCT DESCRIPTION	QTY
Vh-RG39-20	RG39 .625" Rubber Grommet	Pic-Pak of 20
Vh-RG46-15	RG46 .625" Rubber Grommet	Pic-Pak of 15
Vh-RG54-25	RG54 .453" Rubber Grommet	Pic-Pak of 25
Vh-RG60-25	RG60 O-Ring 9.7mm rim hole	Pic-Pak of 25
Vh-RG15-15	RG15 Rubber Grommet Fits .625" rim hole	Pic-Pak of 15
Vh-B6-2	Plastic Rim Hole Bushing Reduces hole from .625" to .453"	Blister Card of 2
Vh-B6-15	Plastic Rim Hole Bushing Reduces hole from .625" to .453"	Pic-Pak of 15
Vh-B6-100	Plastic Rim Hole Bushing Reduces hole from .625" to .453"	Bulk Pkg of 100
Vh-LN10-2	Nylon Rim Nut	Blister Card of 2
Vh-LN10-25	Nylon Rim Nut	Pic-Pak of 25
Vh-RG15HT-15	RG15 Rubber Grommet (Red High Temp Silicone)	Pic-Pak of 15
Vh-9051-2	Rubber Washer for Universal Brass Tube Valves	Bag of 2
Vh-SP2-1	Tubeless Spud fits 13/16" Rim Hole	Blister Card of 1



## O-RINGS

SKU #	PRODUCT DESCRIPTION	QTY
Ri-2025	20" Grader O-Ring, 1/4" Rod Size	Bag of 2
Ri-2025JM	20" Highway JM O-Ring, 1/4" Rod Size	Bag of 2
Ri-2225JM	22" Highway JM O-Ring, 1/4" Rod Size	Bag of 2
Ri-2425	24" Grader O-Ring, 1/4" Rod Size	Bag of 2
Ri-2425JM	24" Highway JM O-Ring, 1/4" Rod Size	Bag of 2
Ri-2525	25" Earthmover O-Ring, 1/4" Rod Size	Bag of 2
Ri-2538	25" Earthmover O-Ring, 3/8" Rod Size	Bag of 2
Ri-2938	29" Earthmover O-Ring, 3/8" Rod Size	Bag of 2
Ri-3338	33" Earthmover O-Ring, 3/8" Rod Size	Bag of 2
Ri-3538	35" Earthmover O-Ring, 3/8" Rod Size	Bag of 2
Ri-4538	45" Earthmover O-Ring, 3/8" Rod Size	Bag of 2
Ri-4938	49" Earthmover O-Ring, 3/8" Rod Size	Bag of 2
Ri-5112	51" Earthmover O-Ring, 1/2" Rod Size	Bag of 2
Ri-5712	57" Earthmover O-Ring, 1/2" Rod Size	Bag of 2

O-Rings for Tubeless Tires - Highway, Grader and Earthmover O-rings available.



## MISC VALVE HARDWARE

SKU #	PRODUCT DESCRIPTION	QTY
Vs-936-1	Tubeless Low Profile Tractor Valve 9/16" Eff Length	Blister Card of 1
Vs-936-10	Tubeless Low Profile Tractor Valve 9/16" Eff Length	Pic-Pak of 10
Ac-TV-1	Tank Valve, Brass 1/4" NPT	Blister Card of 1
Ac-TV-10	Tank Valve, Brass 1/4" NPT	Pic-Pak of 10



Vs-936



Ac-TV

## VALVE TOOLS

Valve core tools are textured with a non-slip surface. Used to remove valve cores and restore the inside and outside threads of valve stems. They can also be used to remove broken valve cores from the valve stem.

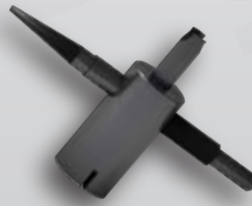
### VALVE CORE DEFLATORS



**Ct-103**  
2-in-1 Valve Core  
Remover and  
Deflator



**Ct-104**  
4-Way Valve Core  
Tool (Chrome)



**Ct-105**  
4-Way Valve Core  
Tool (Black)



**Ct-106**  
Small Bore Tube  
Deflator



**Ct-107**  
4-Way Valve Core  
Tool (Large Bore)

### FISHING TOOLS

Valve fishing tools with cable or chain allows easy positioning of inner tube when mounting of a tire.



**Ct-109 - Valve Fishing Tool with Chain**



**Ct-108 - Valve Fishing Tool with Cable**

### SCREWDRIVERS



For more details, see Page 9. Screwdriver also has built-in Valve Core Tool on top.



**Ct-113 - Valve Core Screwdriver**



**Ct-114 - Valve Core Screwdriver Tool**

### REMOVERS/INSTALLERS



**Vt-115 - Valve Stem Remover-Installer**

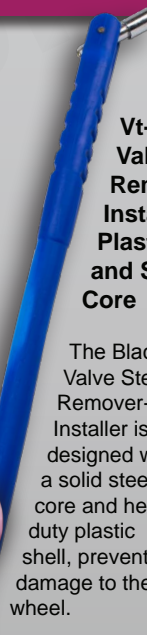


**Vt-116 - Easy Pull Valve Stem Remover-Installer**



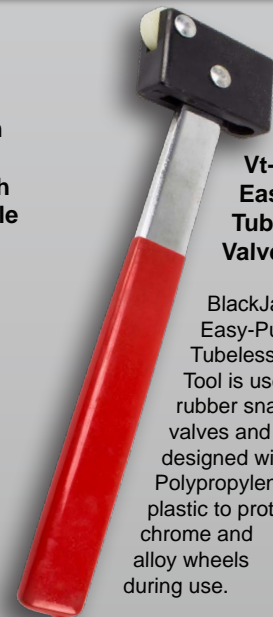
**Vt-117**  
Valve Stem  
Remover-  
Installer with  
Protective  
Angled Head

Made with chrome steel, the offset handle helps apply leverage while preventing damage to the wheel.



**Vt-118**  
Valve Stem  
Remover-  
Installer with  
Plastic handle  
and Steel  
Core

The BlackJack Valve Stem Remover-Installer is designed with a solid steel core and heavy duty plastic shell, preventing damage to the wheel.



**Vt-119**  
Easy Pull  
Tubeless  
Valve Tool

BlackJack Easy-Pull Tubeless Valve Tool is used for rubber snap-in valves and is designed with Polypropylene plastic to protect chrome and alloy wheels during use.



# SNAP-IN VALVE STEMS

BlackJack Premium EPDM Snap-In valve stems are made with EPDM synthetic rubber rather than natural rubber and meet SAE 1205 – 1206 ozone requirements. EPDM rubber also has a broader temperature range than natural rubber and will remain flexible in extremely cold weather. BlackJack valve stems are manufactured to the specifications of the TRA (Tire and Rim Association).

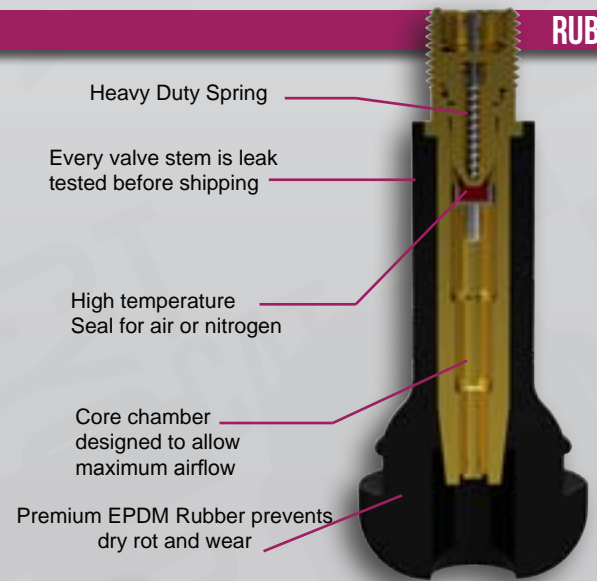
Specifications: Maximum rim thickness of .156"  
 Maximum pressure of 65 psi (4.5 bars)  
 Maximum speed of 130 MPH (209 KPH)



SKU #	TR #	PRODUCT DESCRIPTION	RIM HOLE	QTY
Vs-412-2	(TR412)	3/4" Snap-In Valve Stem	.453"	Blister Card of 2
Vs-412-50	(TR412)	3/4" Snap-In Valve Stem	.453"	Pic-Pak of 50
Vs-412-500	(TR412)	3/4" Snap-In Valve Stem	.453"	Box of 500
Vs-413-2	(TR413)	1 1/4" Snap-In Valve Stem	.453"	Blister Card of 2
Vs-413-50	(TR413)	1 1/4" Snap-In Valve Stem	.453"	Pic-Pak of 50
Vs-413-500	(TR413)	1 1/4" Snap-In Valve Stem	.453"	Box of 500
Vs-414-2	(TR414)	1 1/2" Snap-In Valve Stem	.453"	Blister Card of 2
Vs-414-50	(TR414)	1 1/2" Snap-In Valve Stem	.453"	Pic-Pak of 50
Vs-414-500	(TR414)	1 1/2" Snap-In Valve Stem	.453"	Box of 500
Vs-415-2	(TR415)	1 1/4" Snap-In Valve Stem	.625"	Blister Card of 2
Vs-415-40	(TR415)	1 1/4" Snap-In Valve Stem	.625"	Pic-Pak of 40
Vs-415-400	(TR415)	1 1/4" Snap-In Valve Stem	.625"	Box of 400
Vs-418-2	(TR418)	2" Snap-In Valve Stem	.453"	Blister Card of 2
Vs-418-40	(TR418)	2" Snap-In Valve Stem	.453"	Pic-Pak of 40
Vs-418-400	(TR418)	2" Snap-In Valve Stem	.453"	Box of 400
Vs-423-2	(TR423)	2 1/2" Snap-In Valve Stem	.453"	Blister Card of 2
Vs-423-30	(TR423)	2 1/2" Snap-In Valve Stem	.453"	Pic-Pak of 30
Vs-423-300	(TR423)	2 1/2" Snap-In Valve Stem	.453"	Box of 300
Vs-425-2	(TR425)	2" Snap-In Valve Stem	.625"	Blister Card of 2
Vs-425-30	(TR425)	2" Snap-In Valve Stem	.625"	Pic-Pak of 30
Vs-425-500	(TR425)	2" Snap-In Valve Stem	.625"	Box of 500

Our EPDM Rubber meets SAE 1205-1206 Ozone Requirements

## RUBBER



Vs-425 Vs-423 Vs-418 Vs-415 Vs-414 Vs-413 Vs-412

## CHROME SLEEVE

Chrome Sleeve and Chrome Cap Snap-In valve stem. Rated to 65 psi max cold inflation pressure and rim thickness of .156" and .453" or .625" rim hole.

SKU #	TR #	PRODUCT DESCRIPTION	QTY
Vs-413C-2	(TR413C)	1 1/4" Chrome Sleeved Valve Stem	Blister Card of 2
Vs-413C-20	(TR413C)	1 1/4" Chrome Sleeved Valve Stem	Pic-Pak of 20
Vs-413C-500	(TR413C)	1 1/4" Chrome Sleeved Valve Stem	Case of 500
Vs-414C-2	(TR414C)	1 1/2" Chrome Sleeved Valve Stem	Blister Card of 2
Vs-414C-20	(TR414C)	1 1/2" Chrome Sleeved Valve Stem	Pic-Pak of 20
Vs-415C-2	(TR415C)	1 1/4" Chrome Sleeved Valve Stem	Blister Card of 2
Vs-415C-20	(TR415C)	1 1/4" Chrome Sleeved Valve Stem	Pic-Pak of 20
Vs-418C-2	(TR418C)	2" Chrome Sleeved Valve Stem	Blister Card of 2
Vs-418C-20	(TR418C)	2" Chrome Sleeved Valve Stem	Pic-Pak of 20

Our EPDM Rubber meets SAE 1205-1206 Ozone Requirements



Vs-413C Vs-414C Vs-415C Vs-418C

# HIGH PRESSURE SNAP-IN VALVE STEMS

High Pressure Snap-In Valve Stems with rim thickness of .030" and .453" or .625" rim hole. **Vs-600HP & Vs-602HP** rated to 80 psi max cold pressure, **Vs-801HP & Vs-802HP** rated to 100 psi max cold pressure.



**Vs-600HP**    **Vs-602HP**    **Vs-801HP**    **Vs-802HP**

*Our EPDM Rubber meets SAE 1205-1206 Ozone Requirements*

SKU #	TR #	SIZE	RIM HOLE	QTY
Vs-600HP-2	(TR600HP)	1 1/4" Length	.453"	Blister Card of 2
Vs-600HP-20	(TR600HP)	1 1/4" Length	.453"	Pic-Pak of 20
Vs-600HP-100	(TR600HP)	1 1/4" Length	.453"	Pail of 100
Vs-600HP-500	(TR600HP)	1 1/4" Length	.453"	Case of 500
Vs-602HP-2	(TR602HP)	2" Length	.453"	Blister Card of 2
Vs-602HP-20	(TR602HP)	2" Length	.453"	Pic-Pak of 20
Vs-602HP-100	(TR602HP)	2" Length	.453"	Pail of 100
Vs-602HP-400	(TR602HP)	2" Length	.453"	Pail of 400
Vs-801HP-2	(TR801HP)	1 1/4" Length	.625"	Blister Card of 2
Vs-801HP-20	(TR801HP)	1 1/4" Length	.625"	Pic-Pak of 20
Vs-801HP-100	(TR801HP)	1 1/4" Length	.625"	Bulk Pkg of 100
Vs-801HP-300	(TR801HP)	1 1/4" Length	.625"	Box of 300
Vs-802HP-2	(TR802HP)	2" Length	.625"	Blister Card of 2
Vs-802HP-20	(TR802HP)	2" Length	.625"	Pic-Pak of 20
Vs-802HP-50	(TR802HP)	2" Length	.625"	Pail of 50
Vs-802HP-250	(TR802HP)	2" Length	.625"	Box of 250

## CHROME CLAMP-IN



**Vs-5991B**    **Vs-416A**    **Vs-416SS**    **Vs-416**

**Vs-416L**

**Vs-PVR-152**

**Vs-PVR-153**

SKU #	TR #	Effective Length	Degree of Bend	QTY
Vs-416L-1	(TR416L)	2 1/4"	-	Each
Vs-416L-10	(TR416L)	2 1/4"	-	Pic-Pak of 10
Vs-416-1	(TR416)	1 1/4"	-	Blister Card of 1
Vs-416-10	(TR416)	1 1/4"	-	Pic-Pak of 10
Vs-416-100	(TR416)	1 1/4"	-	Bulk Pkg of 100
Vs-416-500	(TR416)	1 1/4"	-	Bulk Pkg of 500
Vs-416A-1	(TR416A)	1"	-	Blister Card of 1
Vs-416A-10	(TR416A)	1"	-	Pic-Pak of 10
Vs-416SS-1	(TR416SS)	1 1/8"	-	Blister Card of 1
Vs-416SS-10	(TR416SS)	1 1/8"	-	Pic-Pak of 10
Vs-5991B-1	(TR5991B)	1"	-	Blister Card of 1
Vs-5991B-10	(TR5991B)	1"	-	Pic-Pak of 10
Vs-5991B-100	(TR5991B)	1"	-	Bulk Pkg of 100
Vs-PVR-152-1	(PVR-152)	1 1/2"	90°	Blister Card of 1
Vs-PVR-152-10	(PVR-152)	1 1/2"	90°	Pic-Pak of 10
Vs-PVR-153-1	(PVR-153)	2 3/4"	90°	Blister Card of 1
Vs-PVR-153-10	(PVR-153)	2 3/4"	90°	Pic-Pak of 10

## CHROME ENKEI CLAMP-IN



**Vs-6**

**Vs-8**

**Vs-8-45**

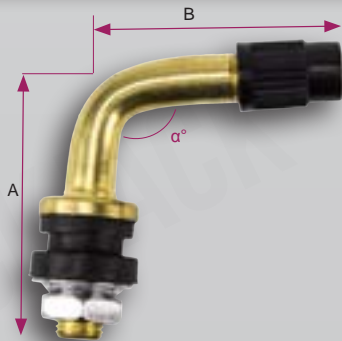
**Vs-8-90**

SKU #	TR #	Effective Length	Degree of Bend	QTY
Vs-6-1	(Vs-6)	1" (.236 rim hole)	-	Blister Card of 1
Vs-6-10	(Vs-6)	1" (.236 rim hole)	-	Pic-Pak of 10
Vs-8-1	(Vs-8)	3/4"	-	Blister Card of 1
Vs-8-10	(Vs-8)	3/4"	-	Pic-Pak of 10
Vs-8-100	(Vs-8)	3/4"	-	Bulk Pkg of 100
Vs-8-500	(Vs-8)	3/4"	-	Bulk Pkg of 500
Vs-8-45-1	(Vs-8-45)	1 1/8"	45°	Blister Card of 1
Vs-8-45-10	(Vs-8-45)	1 1/8"	45°	Pic-Pak of 10
Vs-8-45-100	(Vs-8-45)	1 1/8"	45°	Bulk Pkg of 100
Vs-8-45-500	(Vs-8-45)	1 1/8"	45°	Bulk Pkg of 500
Vs-8-90-1	(Vs-8-90)	1 1/4"	90°	Blister Card of 1
Vs-8-90-10	(Vs-8-90)	1 1/4"	90°	Pic-Pak of 10
Vs-8-90-100	(Vs-8-90)	1 1/4"	90°	Bulk Pkg of 100
Vs-8-90-500	(Vs-8-90)	1 1/4"	90°	Bulk Pkg of 500

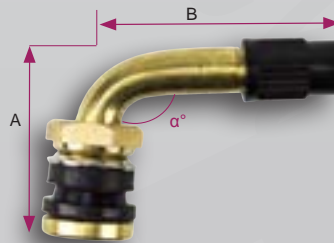


## SNAP-IN

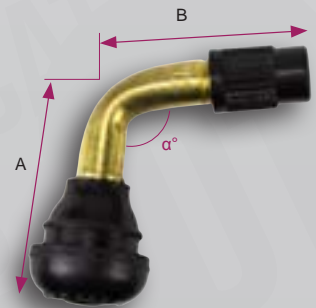
SKU #	TR #	PRODUCT DESCRIPTION	A	B	□	RIM HOLES	QTY
Vs-PVR30-1	PVR30	Snap-In Motorcycle & Scooter Valve Stem, Brass	Φ 15mm	63mm	90°	Φ 11.5mm / .453" dia	Blister Card
Vs-PVR30-10	PVR30	Snap-In Motorcycle & Scooter Valve Stem, Brass	Φ 15mm	63mm	90°	Φ 11.5mm / .453" dia	Pic-Pak of 10
Vs-PVR32-1	PVR32	Snap-In Motorcycle & Scooter Valve Stem, Brass	Φ 15mm	54mm	90°	Φ 11.5mm / .453" dia	Blister Card
Vs-PVR32-10	PVR32	Snap-In Motorcycle & Scooter Valve Stem, Brass	Φ 15mm	54mm	90°	Φ 11.5mm / .453" dia	Pic-Pak of 10
Vs-PVR70-1	PVR70	Snap-In Motorcycle & Scooter Valve Stem, Brass	20mm	30mm	90°	Φ 11.5mm / .453" dia	Blister Card
Vs-PVR70-10	PVR70	Snap-In Motorcycle & Scooter Valve Stem, Brass	20mm	30mm	90°	Φ 11.5mm / .453" dia	Pic-Pak of 10



**Vs-PVR30**



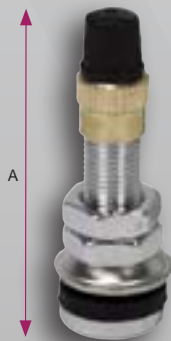
**Vs-PVR32**



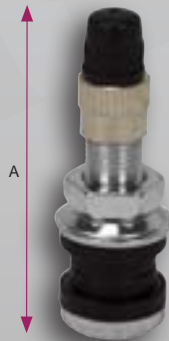
**Vs-PVR70**

## CLAMP-IN

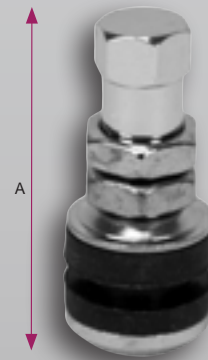
SKU #	TR #	PRODUCT DESCRIPTION	A	B	□	RIM HOLES	QTY
Vs-430A-1	TR430A	Clamp-in Motorcycle & Scooter Valve Stem, Chrome	Φ 14mm	--	--	Φ 11.5mm / .453" dia	Blister Card
Vs-430A-10	TR430A	Clamp-in Motorcycle & Scooter Valve Stem, Chrome	Φ 14mm	--	--	Φ 11.5mm / .453" dia	Pic-Pak of 10
Vs-JS430-1	JS430	Clamp-in Motorcycle & Scooter Valve Stem, Chrome	Φ 14mm	--	--	Φ 11.5mm / .453" dia	Blister Card
Vs-JS430-10	JS430	Clamp-in Motorcycle & Scooter Valve Stem, Chrome	Φ 14mm	--	--	Φ 11.5mm / .453" dia	Pic-Pak of 10
Vs-VAMD161-1	VAMD161	Clamp-in Motorcycle & Scooter Valve Stem, Chrome	Φ 16mm	--	--	Φ 11.5mm / .453" dia	Blister Card
Vs-VAMD161-10	VAMD161	Clamp-in Motorcycle & Scooter Valve Stem, Chrome	Φ 16mm	--	--	Φ 11.5mm / .453" dia	Pic-Pak of 10



**Vs-430A**



**Vs-JS430**



**Vs-VAMD161**

# SPECIALTY VALVE STEMS



**Vs-532**  
Chrome Performance  
Valve, Max PSI 200,  
.453 Rim Hole



**Vs-501-OV**  
1 1/2" Clamp-In  
Valve Stem w/ Oval  
Rim Hole

SKU #	PRODUCT DESCRIPTION	QTY
Vs-501-OV-1	1 1/2" Clamp-in Valve Stem, Oval Rim	Each
Vs-501-OV-10	1 1/2" Clamp-in Valve Stem, Oval Rim	Pic-Pak of 10
Vs-501-OV-100	1 1/2" Clamp-in Valve Stem, Oval Rim	Bulk Pkg of 100
Vs-532-1	Chrome Performance Valve, Max 200 PSI, .453" Rim Hole	Blister Card of 1
Vs-532-10	Chrome Performance Valve, Max 200 PSI, .453" Rim Hole	Pic-Pak of 10
Vs-902K-1	Specialty Ford Valve Stem for Accuride Steel 19.5" Wheels	Blister Card of 1
Vs-902K-10	Specialty Ford Valve Stem for Accuride Steel 19.5" Wheels	Pic-Pak of 10
Vs-902WP-1	Specialty Ford Valve Stem for Alcoa Aluminum 16", Front & Rear Wheels	Blister Card of 1
Vs-902WP-10	Specialty Ford Valve Stem for Alcoa Aluminum 16", Front & Rear Wheels	Pic-Pak of 10
Vs-938F-1	Specialty Ford Valve Stem for Accuride Steel Wheels 16" x 6"	Blister Card of 1
Vs-938F-10	Specialty Ford Valve Stem for Accuride Steel Wheels 16" x 6"	Pic-Pak of 10
Vs-944F-1	Specialty Ford Valve Stem for Accuride Steel Wheels 16" x 7"	Blister Card of 1
Vs-944F-10	Specialty Ford Valve Stem for Accuride Steel Wheels 16" x 7"	Pic-Pak of 10
Vs-962C-1	Specialty Ford 23° Bend Valve Stem for Accuride Steel Wheels 16" x 6"	Blister Card of 1
Vs-962C-10	Specialty Ford 23° Bend Valve Stem for Accuride Steel Wheels 16" x 6"	Pic-Pak of 10

NOTE: The above Specialty Ford Valves come with a double seal "Seal Rite" valve cap (See Page 62).



**Vs-902K**

Ford "F" series trucks with dual wheels, Accuride steel 19.5", front and rear wheels. Brass finish, fits rim hole .453"



**Vs-902WP**

Ford "F" series trucks with dual wheels, Alcoa Aluminum 16", front and rear wheels. Chrome finish. Fits rim hole .453".



**Vs-938F**

Ford "Cut-Away" series with dual wheels, Accuride steel 16"x6", front and rear wheels. Nickel finish, fits rim hole .453".



**Vs-962C**

Ford "F" series trucks with dual wheels, Accuride steel 16"x6", front and rear wheels. Nickel finish, 23° bend, fits rim hole .453".



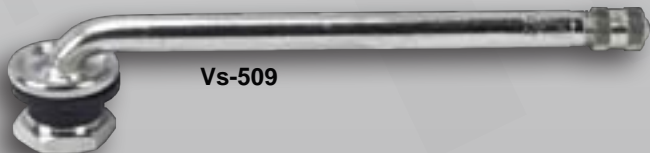
**Vs-944F**

Ford "Cut-Away" and Cargo Van series with single rear wheels, Accuride Steel 16" x 7" wheels, front and rear wheels. Chrome finish. Fits rim hole .453".

## DUAL WHEEL

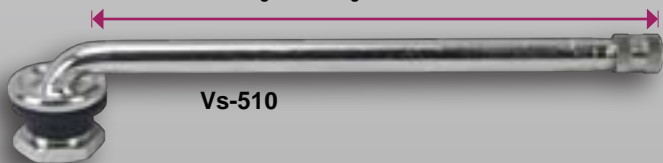


**Vs-511**



**Vs-509**

Length of Straight End = 5 1/2"



**Vs-510**

SKU #	TR #	PRODUCT DESCRIPTION (sorted by length)	QTY
Vs-509-1	(TR509)	4 3/4" eff. Length 90 Degree Angle Bend	Blister Card of 1
Vs-509-10	(TR509)	4 3/4" eff. Length 90 Degree Angle Bend	Pic-Pak of 10
Vs-509-100	(TR509)	4 3/4" eff. Length 90 Degree Angle Bend	Box of 100
Vs-510-1	(TR510)	5 1/2" eff. Length 90 Degree Angle Bend	Blister Card of 1
Vs-510-10	(TR510)	5 1/2" eff. Length 90 Degree Angle Bend	Pic-Pak of 10
Vs-510-100	(TR510)	5 1/2" eff. Length 90 Degree Angle Bend	Box of 100
Vs-511-1	(TR511)	4 1/4" eff. Length 90 Degree Angle Bend	Blister Card of 1
Vs-511-10	(TR511)	4 1/4" eff. Length 90 Degree Angle Bend	Pic-Pak of 10

**TR509** 4.75" Tubeless Valve for aluminum disc wheels (Nickel Plated) Used in drop-center wheels with .625" rim hole. Recommended torque for installation is 100-125 inch-pounds. Includes **Vh-RG46** rubber grommet.



Tubeless Brass Valve Stems used in trucks and buses with .625" rim hole. Recommended torque for installation is 35-55 inch-pounds. Includes **Vh-RG15** rubber grommet, **Cr-339** high heat valve core and **Vc-337** nickel-plated brass valve cap with seal.

SKU #	TR #	PRODUCT DESCRIPTION (sorted by length)	Angle	QTY
Vs-575-1	TR575	1 1/8" eff. Length Truck & Bus Tubeless Tire Valve	-	Blister Pack of 1
Vs-575-10	TR575	1 1/8" eff. Length Truck & Bus Tubeless Tire Valve	-	Pic-Pak of 10
Vs-575-100	TR575	1 1/8" eff. Length Truck & Bus Tubeless Tire Valve	-	Bulk Pkg of 100
Vs-501-1	TR501	1 1/2" eff. Length Truck & Bus Tubeless Tire Valve	-	Blister Pack of 1
Vs-501-10	TR501	1 1/2" eff. Length Truck & Bus Tubeless Tire Valve	-	Pic-Pak of 10
Vs-501-100	TR501	1 1/2" eff. Length Truck & Bus Tubeless Tire Valve	-	Bulk Pkg of 100
Vs-501-OV-1	(TR501)	1 1/2" Clamp-in Valve Stem , Oval Rim	-	Each
Vs-501-OV-10	(TR501)	1 1/2" Clamp-in Valve Stem, Oval Rim	-	Pic-Pak of 10
Vs-501-OV-100	(TR501)	1 1/2" Clamp-in Valve Stem, Oval Rim	-	Bulk Pkg of 100
Vs-500-1	TR500	2" eff. Length Truck & Bus Tubeless Tire Valve	-	Blister Pack of 1
Vs-500-10	TR500	2" eff. Length Truck & Bus Tubeless Tire Valve	-	Pic-Pak of 10
Vs-500-100	TR500	2" eff. Length Truck & Bus Tubeless Tire Valve	-	Bulk Pkg of 100
Vs-570-1	TR570	3 1/8" eff. Length Truck & Bus Tubeless Tire Valve	-	Blister Pack of 1
Vs-570-10	TR570	3 1/8" eff. Length Truck & Bus Tubeless Tire Valve	-	Pic-Pak of 10
Vs-570-100	TR570	3 1/8" eff. Length Truck & Bus Tubeless Tire Valve	-	Bulk Pkg of 100
Vs-570C-1	TR570C	2" Truck & Bus Tubeless Tire Valve	90°	Blister Pack of 1
Vs-570C-10	TR570C	2" Truck & Bus Tubeless Tire Valve	90°	Pic-Pak of 10
Vs-570C-100	TR570C	2" Truck & Bus Tubeless Tire Valve	90°	Bulk Pkg of 100
Vs-571-1	TR571	3 3/8" eff. Length Truck & Bus Tubeless Tire Valve	-	Blister Pack of 1
Vs-571-10	TR571	3 3/8" eff. Length Truck & Bus Tubeless Tire Valve	-	Pic-Pak of 10
Vs-571-200	TR571	3 3/8" eff. Length Truck & Bus Tubeless Tire Valve	-	Bulk Pkg of 200
Vs-571C-1	TR571C	2 1/4" Truck & Bus Tubeless Tire Valve	90°	Blister Pack of 1
Vs-571C-10	TR571C	2 1/4" Truck & Bus Tubeless Tire Valve	90°	Pic-Pak of 10
Vs-571C-100	TR571C	2 1/4" Truck & Bus Tubeless Tire Valve	90°	Bulk Pkg of 100
Vs-572-1	TR572	3 3/4" eff. Length Truck & Bus Tubeless Tire Valve	-	Blister Pack of 1
Vs-572-10	TR572	3 3/4" eff. Length Truck & Bus Tubeless Tire Valve	-	Pic-Pak of 10
Vs-572-200	TR572	3 3/4" eff. Length Truck & Bus Tubeless Tire Valve	-	Bulk Pkg of 200
Vs-573-1	TR573	4 3/8" eff. Length Truck & Bus Tubeless Tire Valve	-	Blister Pack of 1
Vs-573-10	TR573	4 3/8" eff. Length Truck & Bus Tubeless Tire Valve	-	Pic-Pak of 10
Vs-573-200	TR573	4 3/8" eff. Length Truck & Bus Tubeless Tire Valve	-	Bulk Pkg of 200
Vs-573C-1	TR573C	3 1/4" Truck & Bus Tubeless Tire Valve	90°	Blister Pack of 1
Vs-573C-10	TR573C	3 1/4" Truck & Bus Tubeless Tire Valve	90°	Pic-Pak of 10
Vs-573C-100	TR573C	3 1/4" Truck & Bus Tubeless Tire Valve	90°	Bulk Pkg of 100
Vs-574-1	TR574	5" eff. Length Truck & Bus Tubeless Tire Valve	-	Blister Pack of 1
Vs-574-10	TR574	5" eff. Length Truck & Bus Tubeless Tire Valve	-	Pic-Pak of 10
Vs-574-100	TR574	5" eff. Length Truck & Bus Tubeless Tire Valve	-	Bulk Pkg of 100



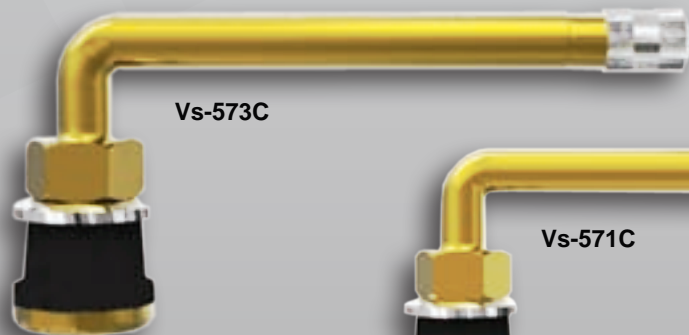
**Vs-574**



**Vs-570**



**Vs-500**



**Vs-573C**

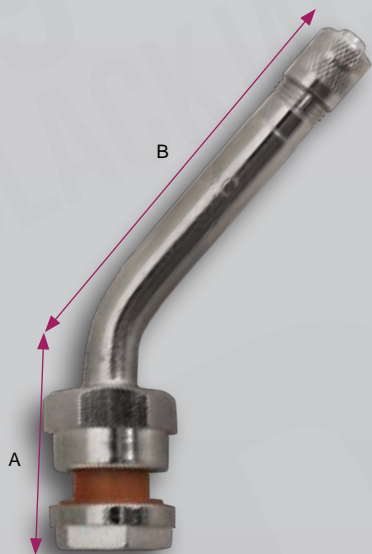


**Vs-571C**

# PREMIUM GROMMET SEAL VALVES FOR ALCOA WHEELS

BlackJack Premium Grommet Seal Valves for Alcoa Wheels offer the following features:

- **MAXIMUM AIR PRESSURE 200 PSI**
- **9.7MM RIM HOLE**
- **LARGER SEALING SURFACE**
- **BETTER RESISTANCE TO WEAR AND TEAR**
- **EXTENDED SEALING LIFE**
- **BETTER PROTECTION AGAINST CORROSION**
- **BEST FOR CORRODED WHEELS**



**Vs-554C**

SKU # *	TR #	PRODUCT DESCRIPTION	Angle	A	B	QTY
Vs-552-1	(TR552)	1 1/4" Truck Valve	-	1.26	-	Blister Card of 1
Vs-552-10	(TR552)	1 1/4" Truck Valve	-	1.26	-	Pic-Pak of 10
Vs-553-1	(TR553)	2 3/8" Truck Valve	-	2.4	-	Blister Card of 1
Vs-553-10	(TR553)	2 3/8" Truck Valve	-	2.4	-	Pic-Pak of 10
Vs-553C-1	(TR553C)	2 3/8" Truck Valve	45°	.93	1.43	Blister Card of 1
Vs-553C-10	(TR553C)	2 3/8" Truck Valve	45°	.93	1.43	Pic-Pak of 10
Vs-553D-1	(TR553D)	2 3/8" Truck Valve	60°	.98	1.38	Blister Card of 1
Vs-553D-10	(TR553D)	2 3/8" Truck Valve	60°	.98	1.38	Pic-Pak of 10
Vs-553E-1	(TR553E)	2 3/8" Truck Valve	75°	.98	1.38	Blister Card of 1
Vs-553E-10	(TR553E)	2 3/8" Truck Valve	75°	.98	1.38	Pic-Pak of 10
Vs-554-1	(TR554)	3" Truck Valve	-	2.86	-	Blister Card of 1
Vs-554-10	(TR554)	3" Truck Valve	-	2.86	-	Pic-Pak of 10
Vs-554C-1	(TR554C)	3" Truck Valve	45°	.98	1.94	Blister Card of 1
Vs-554C-10	(TR554C)	3" Truck Valve	45°	.98	1.94	Pic-Pak of 10
Vs-554D-1	(TR554D)	3" Truck Valve	60°	.98	1.94	Blister Card of 1
Vs-554D-10	(TR554D)	3" Truck Valve	60°	.98	1.94	Pic-Pak of 10
Vs-555-1	(TR555)	3 1/2" Truck Valve	-	3.5	-	Blister Card of 1
Vs-555-10	(TR555)	3 1/2" Truck Valve	-	3.5	-	Pic-Pak of 10
Vs-555D-1	(TR555D)	3 1/2" Truck Valve	60°	.98	2.6	Blister Card of 1
Vs-555D-10	(TR555D)	3 1/2" Truck Valve	60°	.98	2.6	Pic-Pak of 10
Vs-555E-1	(TR555E)	3 1/2" Truck Valve	75°	.98	2.6	Blister Card of 1
Vs-555E-10	(TR555E)	3 1/2" Truck Valve	75°	.98	2.6	Pic-Pak of 10
Vs-556-1	(TR556)	4 3/8" Truck Valve	-	4.27	-	Blister Card of 1
Vs-556-10	(TR556)	4 3/8" Truck Valve	-	4.27	-	Pic-Pak of 10
Vs-556-36-1	(TR556-36)	4 3/8" Truck Valve	36°	.98	3.35	Blister Card of 1
Vs-556-36-10	(TR556-36)	4 3/8" Truck Valve	36°	.98	3.35	Pic-Pak of 10
Vs-556D-1	(TR556D)	4 3/8" Truck Valve	60°	.98	3.35	Blister Card of 1
Vs-556D-10	(TR556D)	4 3/8" Truck Valve	60°	.98	3.35	Pic-Pak of 10
Vs-556E-1	(TR556E)	4 3/8" Truck Valve	75°	.98	3.35	Blister Card of 1
Vs-556E-10	(TR556E)	4 3/8" Truck Valve	75°	.98	3.35	Pic-Pak of 10
Vs-557D-1	(TR557D)	4 3/4" Truck Valve		.98	3.78	Blister Card of 1
Vs-557D-10	(TR557D)	4 3/4" Truck Valve		.98	3.78	Pic-Pak of 10
Vh-RG70-25	(RG70)	High Temp Silicone Grommet for TR55x Series				Pic-Pak of 25

\*Add suffix "-100" for bulk box of 100.



**Vh-RG70**



**Vs-554**

Our premium grommet seal valve stems are more forgiving than O-Rings or other similar seals. They will not leak if the hole is rough or scratched. These Grommets have a better seal all around and are much better for the wheel. It prevents corrosion and it lasts longer than your typical grommet seals and can also handle higher temperatures and has a higher tear resistance.



# TUBELESS VALVE STEMS FOR ALCOA WHEELS

SKU # *	TR #	PRODUCT DESCRIPTION	Angle	A	B	QTY
Vs-542-1	(TR542)	O-Ring Seal Valve for Alcoa Wheels w/ 9.7mm Rim Hole	-	32mm	-	Blister Card of 1
Vs-542-10	(TR542)	O-Ring Seal Valve for Alcoa Wheels w/ 9.7mm Rim Hole	-	32mm	-	Pic-Pak of 10
Vs-543-1	(TR543)	O-Ring Seal Valve for Alcoa Wheels w/ 9.7mm Rim Hole	-	59mm	-	Blister Card of 1
Vs-543-10	(TR543)	O-Ring Seal Valve for Alcoa Wheels w/ 9.7mm Rim Hole	-	59mm	-	Pic-Pak of 10
Vs-543C-1	(TR543C)	O-Ring Seal Valve 45° Bend for Alcoa Wheels w/ 9.7mm Rim Hole	45°	24mm	35mm	Blister Card of 1
Vs-543C-10	(TR543C)	O-Ring Seal Valve 45° Bend for Alcoa Wheels w/ 9.7mm Rim Hole	45°	24mm	35mm	Pic-Pak of 10
Vs-543D-1	(TR543D)	O-Ring Seal Valve 60° Bend for Alcoa Wheels w/ 9.7mm Rim Hole	60°	25mm	35mm	Blister Card of 1
Vs-543D-10	(TR543D)	O-Ring Seal Valve 60° Bend for Alcoa Wheels w/ 9.7mm Rim Hole	60°	25mm	35mm	Pic-Pak of 10
Vs-543E-1	(TR543E)	O-Ring Seal Valve 75° Bend for Alcoa Wheels w/ 9.7mm Rim Hole	75°	25mm	35mm	Blister Card of 1
Vs-543E-10	(TR543E)	O-Ring Seal Valve 75° Bend for Alcoa Wheels w/ 9.7mm Rim Hole	75°	25mm	35mm	Pic-Pak of 10
Vs-544-1	(TR544)	O-Ring Seal Valve for Alcoa Wheels w/ 9.7mm Rim Hole	-	73mm	-	Blister Card of 1
Vs-544-10	(TR544)	O-Ring Seal Valve for Alcoa Wheels w/ 9.7mm Rim Hole	-	73mm	-	Pic-Pak of 10
Vs-544D-1	(TR544D)	O-Ring Seal Valve 60° Bend for Alcoa Wheels w/ 9.7mm Rim Hole	60°	25mm	49mm	Blister Card of 1
Vs-544D-10	(TR544D)	O-Ring Seal Valve 60° Bend for Alcoa Wheels w/ 9.7mm Rim Hole	60°	25mm	49mm	Pic-Pak of 10
Vs-544E-1	(TR544E)	O-Ring Seal Valve 75° Bend for Alcoa Wheels w/ 9.7mm Rim Hole	75°	25mm	49mm	Blister Card of 1
Vs-544E-10	(TR544E)	O-Ring Seal Valve 75° Bend for Alcoa Wheels w/ 9.7mm Rim Hole	75°	25mm	49mm	Pic-Pak of 10
Vs-545-1	(TR545)	O-Ring Seal Valve for Alcoa Wheels w/ 9.7mm Rim Hole	-	89mm	-	Blister Card of 1
Vs-545-10	(TR545)	O-Ring Seal Valve for Alcoa Wheels w/ 9.7mm Rim Hole	-	89mm	-	Pic-Pak of 10
Vs-545D-1	(TR545D)	O-Ring Seal Valve for Alcoa Wheels w/ 9.7mm Rim Hole	60°	25mm	66mm	Blister Card of 1
Vs-545D-10	(TR545D)	O-Ring Seal Valve for Alcoa Wheels w/ 9.7mm Rim Hole	60°	25mm	66mm	Pic-Pak of 10
Vs-545D-250	(TR545D)	O-Ring Seal Valve for Alcoa Wheels w/ 9.7mm Rim Hole	60°	25mm	66mm	Box of 250
Vs-545E-1	(TR545E)	O-Ring Seal Valve 75° Bend for Alcoa Wheels w/ 9.7mm Rim Hole	75°	25mm	66mm	Blister Card of 1
Vs-545E-10	(TR545E)	O-Ring Seal Valve 75° Bend for Alcoa Wheels w/ 9.7mm Rim Hole	75°	25mm	66mm	Pic-Pak of 10
Vs-546-1	(TR546)	O-Ring Seal Valve for Alcoa Wheels w/ 9.7mm Rim Hole	-	108mm	-	Blister Card of 1
Vs-546-10	(TR546)	O-Ring Seal Valve for Alcoa Wheels w/ 9.7mm Rim Hole	-	108mm	-	Pic-Pak of 10
Vs-546-36-1	(TR546-36)	O-Ring Seal Valve 36° Bend for Alcoa Wheels w/ 9.7mm Rim Hole	36°	25mm	85mm	Blister Card of 1
Vs-546-36-10	(TR546-36)	O-Ring Seal Valve 36° Bend for Alcoa Wheels w/ 9.7mm Rim Hole	36°	25mm	85mm	Pic-Pak of 10
Vs-546D-1	(TR546D)	O-Ring Seal Valve 60° Bend for Alcoa Wheels w/ 9.7mm Rim Hole	60°	25mm	85mm	Blister Card of 1
Vs-546D-10	(TR546D)	O-Ring Seal Valve 60° Bend for Alcoa Wheels w/ 9.7mm Rim Hole	60°	25mm	85mm	Pic-Pak of 10
Vs-546E-1	(TR546E)	O-Ring Seal Valve 75° Bend for Alcoa Wheels w/ 9.7mm Rim Hole	75°	25mm	85mm	Blister Card of 1
Vs-546E-10	(TR546E)	O-Ring Seal Valve 75° Bend for Alcoa Wheels w/ 9.7mm Rim Hole	75°	25mm	85mm	Pic-Pak of 10
Vs-547-1	(TR547)	O-Ring Seal Valve for Alcoa Wheels w/ 9.7mm Rim Hole	-	115mm	-	Blister Card of 1
Vs-547-10	(TR547)	O-Ring Seal Valve for Alcoa Wheels w/ 9.7mm Rim Hole	-	115mm	-	Pic-Pak of 10
Vs-547D-1	(TR547D)	O-Ring Seal Valve 60 Bend for Alcoa Wheels w/ 9.7mm Rim Hole	60°			Blister Card of 1
Vs-547D-10	(TR547D)	O-Ring Seal Valve 60 Bend for Alcoa Wheels w/ 9.7mm Rim Hole	60°	25mm	96mm	Pic-Pak of 10

\*Add suffix "-100" for bulk box of 100.



Install the valve with care and do not over-torque: the recommended torque is 7 to 10 Ft-Lb (9 to 16 Nm.)

**Vs-546-36**

**Vs-542**

**Vs-543**

**Vs-545**

**Vs-547**

# EURO-STYLE O-RING SEAL CLAMP-IN VALVE STEMS

SKU #	Industry #	PRODUCT DESCRIPTION	Effective Length (mm)	QTY
Vs-3201-1	(V3.20.1)	European Style O-Ring Seal Clamp-in Valve	16x41	Blister Card of 1
Vs-3201-10	(V3.20.1)	European Style O-Ring Seal Clamp-in Valve	16x41	Pic-Pak of 10
Vs-3202-1	(V3.20.2)	European Style O-Ring Seal Clamp-in Valve	16x95	Blister Card of 1
Vs-3202-10	(V3.20.2)	European Style O-Ring Seal Clamp-in Valve	16x95	Pic-Pak of 10
Vs-3203-1	(V3.20.3)	European Style O-Ring Seal Clamp-in Valve	16x82	Blister Card of 1
Vs-3203-10	(V3.20.3)	European Style O-Ring Seal Clamp-in Valve	16x82	Pic-Pak of 10
Vs-3204-1	(V3.20.4)	European Style O-Ring Seal Clamp-in Valve	16x90/27°	Blister Card of 1
Vs-3204-10	(V3.20.4)	European Style O-Ring Seal Clamp-in Valve	16x90/27°	Pic-Pak of 10
Vs-3205-1	(V3.20.5)	European Style O-Ring Seal Clamp-in Valve	16x70/27°	Blister Card of 1
Vs-3205-10	(V3.20.5)	European Style O-Ring Seal Clamp-in Valve	16x70/27°	Pic-Pak of 10
Vs-3206-1	(V3.20.6)	European Style O-Ring Seal Clamp-in Valve	16x115/27°	Blister Card of 1
Vs-3206-10	(V3.20.6)	European Style O-Ring Seal Clamp-in Valve	16x115/27°	Pic-Pak of 10
Vs-3207-1	(V3.20.7)	European Style O-Ring Seal Clamp-in Valve	16x80/27°	Blister Card of 1
Vs-3207-10	(V3.20.7)	European Style O-Ring Seal Clamp-in Valve	16x80/27°	Pic-Pak of 10
Vs-3208-1	(V3.20.8)	European Style O-Ring Seal Clamp-in Valve	16x119/12°	Blister Card of 1
Vs-3208-10	(V3.20.8)	European Style O-Ring Seal Clamp-in Valve	16x119/12°	Pic-Pak of 10
Vs-3209-1	(V3.20.9)	European Style O-Ring Seal Clamp-in Valve	16x102/12°	Blister Card of 1
Vs-3209-10	(V3.20.9)	European Style O-Ring Seal Clamp-in Valve	16x102/12°	Pic-Pak of 10
Vs-32010-1	(V3.20.10)	European Style O-Ring Seal Clamp-in Valve	16x80/28°	Blister Card of 1
Vs-32010-10	(V3.20.10)	European Style O-Ring Seal Clamp-in Valve	16x80/28°	Pic-Pak of 10
Vs-32011-1	(V3.20.11)	European Style O-Ring Seal Clamp-in Valve	16x100/27°/42°	Blister Card of 1
Vs-32011-10	(V3.20.11)	European Style O-Ring Seal Clamp-in Valve	16x100/27°/42°	Pic-Pak of 10
Vs-32012-1	(V3.20.12)	European Style O-Ring Seal Clamp-in Valve	16x100/27°	Blister Card of 1
Vs-32012-10	(V3.20.12)	European Style O-Ring Seal Clamp-in Valve	16x100/27°	Pic-Pak of 10



Vs-3209



Vs-3202



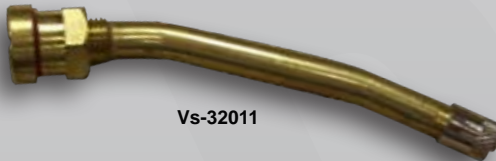
Vs-3207



Vs-32010



Vs-3203



Vs-32011



Vs-3204



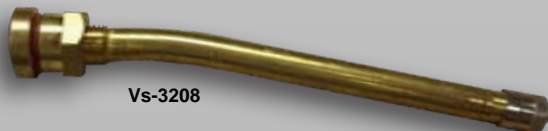
Vs-32012



Vs-3206



Vs-3201

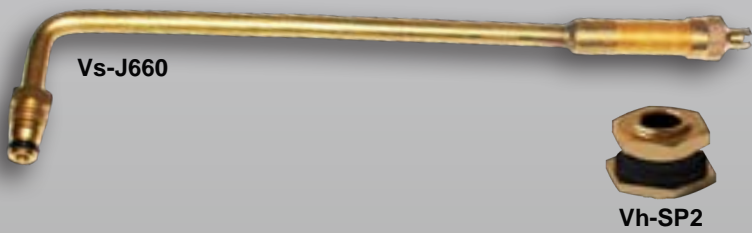
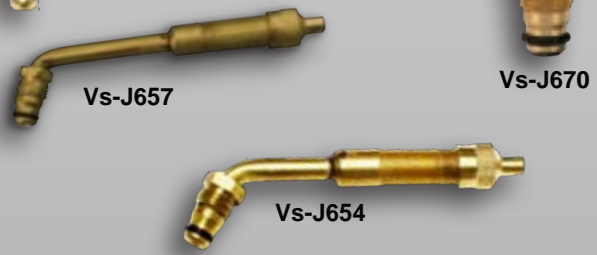
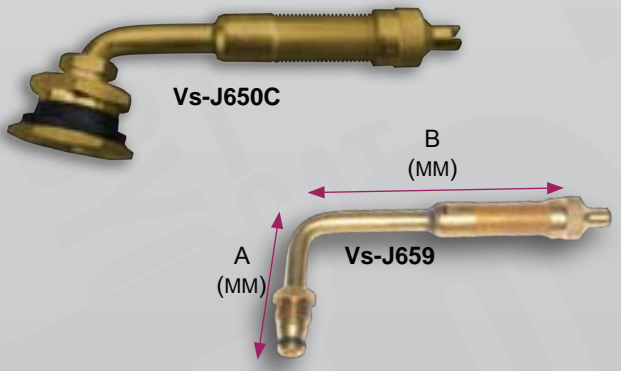


Vs-3208

SKU #	TR #	Horizontal Length & Bend	QTY
Vs-4075-1	J4000-7.50	7 1/2", 191mm, 90° Bend	1
Vs-4075-5	J4000-7.50	7 1/2", 191mm, 90° Bend	Box of 5
Vs-4090-1	J4000-9	9", 229mm, 90° Bend	1
Vs-4090-5	J4000-9	9", 229mm, 90° Bend	Box of 5

All Measurements are in Millimeters (mm).

SKU #	TR #	Degree of Bend	A	B	QTY
Vs-J650-1	TRJ650-03	80° Bend	27	79	Blister Card of 1
Vs-J650-5	TRJ650-03	80° Bend	27	79	Pic-Pak of 5
Vs-J650C-1	J650C	80° Bend	27	79	Blister Card of 1
Vs-J650C-5	J650C	80° Bend	27	79	Pic-Pak of 5
Vs-J651-1	J651	90° Bend	32	119	Blister Card of 1
Vs-J651-5	J651	90° Bend	32	119	Pic-Pak of 5
Vs-J652-1	J652	86° Bend	27	140	Blister Card of 1
Vs-J652-5	J652	86° Bend	27	140	Pic-Pak of 5
Vs-J653-1	J653	80° Bend	27	64	Blister Card of 1
Vs-J653-5	J653	80° Bend	27	64	Pic-Pak of 5
Vs-J654-1	J654	74° Bend	27	79	Blister Card of 1
Vs-J654-5	J654	74° Bend	27	79	Pic-Pak of 5
Vs-J655-1	J655	74°Bend	24	79	Blister Card of 1
Vs-J655-5	J655	74°Bend	24	79	Pic-Pak of 5
Vs-J656-1	J656	90° Bend	67	94	Blister Card of 1
Vs-J656-5	J656	90° Bend	67	94	Pic-Pak of 5
Vs-J657-1	J657	80° Bend	27	102	Blister Card of 1
Vs-J657-5	J657	80° Bend	27	102	Pic-Pak of 5
Vs-J658-1	J658	80° Bend	27	140	Blister Card of 1
Vs-J658-5	J658	80° Bend	27	140	Pic-Pak of 5
Vs-J659-1	J659	90° Bend	48	89	Blister Card of 1
Vs-J659-5	J659	90° Bend	48	89	Pic-Pak of 5
Vs-J660-1	J660	90° Bend	48	222	Blister Card of 1
Vs-J660-5	J660	90° Bend	48	222	Pic-Pak of 5
Vs-J669-1	J669	90° Bend	27	64	Blister Card of 1
Vs-J669-5	J669	90° Bend	27	64	Pic-Pak of 5
Vs-J670-1	J670	Straight	-	-	Blister Card of 1
Vs-J670-5	J670	Straight	-	-	Pic-Pak of 5
Vs-J670-100	J670	Straight	-	-	Bulk Box of 100
Vh-SP2-1	SP2		-	-	Blister Card of 1
Vh-SP2-5	SP2		-	-	Pic-Pak of 5
Vh-SP2-100	SP2		-	-	Box of 100





# AIR/LIQUID VALVE STEMS



Vs-618\* Vs-618S Vh-CH1\* Vh-CH3\*

**Vs-218**  
Non-Adhesive Backing



Vs-622A\*\*

Vs-621A\*\*

Vs-623A\*\*

SKU #	PRODUCT DESCRIPTION	QTY
Vs-218-1	Tube Type Fast Flow Air Liquid Tractor Valve with Plastic Cap	Each
Vs-218-5	Tube Type Fast Flow Air Liquid Tractor Valve with Plastic Cap	Pkg of 5
Vs-618-1*	Tubeless Fast Flow Air / Liquid Tractor Valve	Blister Card of 1
Vs-618-5*	Tubeless Fast Flow Air / Liquid Tractor Valve	Pkg of 5
Vs-618S-2	Snap-in Air Liquid Fast Flow Valve Stem	Blister Card of 2
Vs-618S-10	Snap-in Air Liquid Fast Flow Valve Stem	Pic-Pak of 10
Vs-621A-1**	Air/Liquid Tubeless Clamp-In Valves for Off-Road Vehicles 65°	Blister Card of 1
Vs-621A-5**	Air/Liquid Tubeless Clamp-In Valves for Off-Road Vehicles 65°	Pic-Pak of 5
Vs-622A-1**	Air/Liquid Tubeless Clamp-In Valves for Off-Road Vehicles 90°	Blister Card of 1
Vs-622A-5**	Air/Liquid Tubeless Clamp-In Valves for Off-Road Vehicles 90°	Pic-Pak of 5
Vs-623A-1**	Air/Liquid Tubeless Clamp-In Valves for Off-Road Vehicles 65°	Blister Card of 1
Vs-623A-5**	Air/Liquid Tubeless Clamp-In Valves for Off-Road Vehicles 65°	Pic-Pak of 5
Vh-CH1-1*	Core Housing (Old Style)	Blister Card of 1
Vh-CH1-5*	Core Housing (Old Style)	Pic-Pak of 10
Vh-CH3-1*	Core Housing (New Style)	Blister Card of 1
Vh-CH3-5*	Core Housing (New Style)	Pic-Pak of 10

\*Selected Products also come in Bulk Packages of 100.

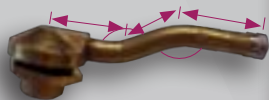
\*\*Recommended Torque for installation is 45-75 inch-pounds. \*\*Product comes with Vh-CH3 Core Housing

## EURO-STYLE CLAMP-IN

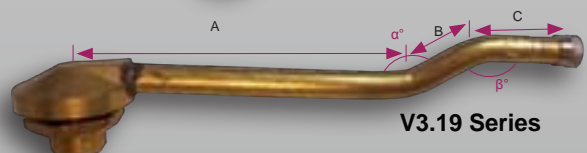
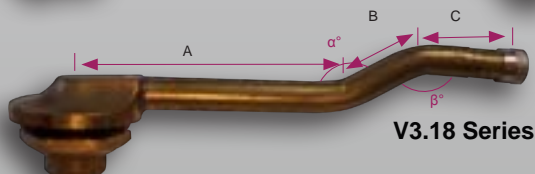
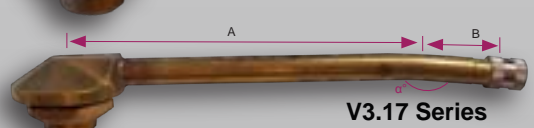
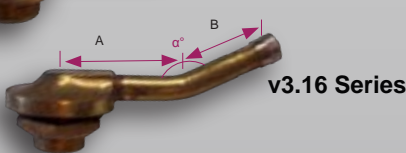
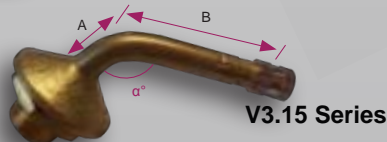
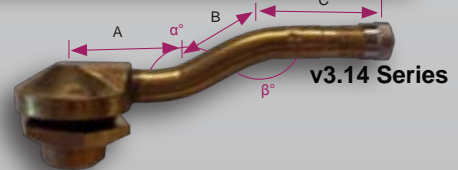
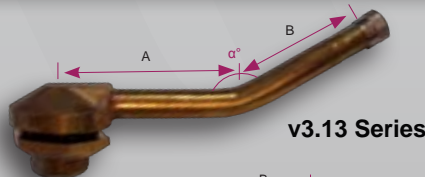
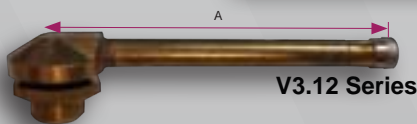
Measurements shown in table are in millimeters (mm).

Effective length is determined by measuring from the center of the valve to the end (with cap removed) of the valve:

Example:



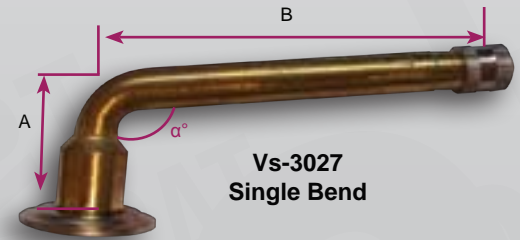
SKU #	PRODUCT DESCRIPTION	RIM HOLE	A	B	C	$\alpha^\circ$	$\beta^\circ$	Eff. Length	QTY
Vs-3122-1	(V3.12.2) European Style Brass Clamp-In Valve	15.7mm	95	--	--	--	--	95mm	Each
Vs-3131-1	(V3.13.1) European Style Brass Clamp-In Valve	20.5mm	46.5	42.5	--	153°	--	83mm	Each
Vs-3132-1	(V3.13.2) European Style Brass Clamp-In Valve	20.5mm	30	28	--	126°	--	50mm	Each
Vs-3141-1	(V3.14.1) European Style Brass Clamp-In Valve	20.5mm	26	21.5	24.5	147°	147°	70mm	Each
Vs-3142-1	(V3.14.2) European Style Brass Clamp-In Valve	20.5mm	45	21.5	24.5	147°	147°	85mm	Each
Vs-3143-1	(V3.14.3) European Style Brass Clamp-In Valve	20.5mm	37	21.5	24.5	147°	147°	80mm	Each
Vs-3151-1	(V3.15.1) European Style Brass Clamp-In Valve	20.5mm	22.5	44.5	--	110°	--	43mm	Each
Vs-3152-1	(V3.15.2) European Style Brass Clamp-In Valve	20.5mm	15.5	44.5	--	95°	--	43mm	Each
Vs-3161-1	(V3.16.1) European Style Brass Clamp-In Valve	20.5mm	36	29	--	150°	--	62mm	Each
Vs-3171-1	(V3.17.1) European Style Brass Clamp-In Valve	20.5mm	99	31.5	--	172°	--	127mm	Each
Vs-3172-1	(V3.17.2) European Style Brass Clamp-In Valve	20.5mm	116	31.5	--	172°	--	142mm	Each
Vs-3181-1	(V3.18.1) European Style Brass Clamp-In Valve	20.5mm	64	21.5	24.5	146°	146°	110mm	Each
Vs-3182-1	(V3.18.2) European Style Brass Clamp-In Valve	20.5mm	81	21.5	24.5	146°	146°	126mm	Each
Vs-3184-1	(V3.18.4) European Style Brass Clamp-In Valve	20.5mm	51	21.5	37.5	138°	138°	107mm	Each
Vs-3185-1	(V3.18.5) European Style Brass Clamp-In Valve	20.5mm	68	21.5	37.5	138°	138°	122mm	Each
Vs-3191-1	(V3.19.1) European Style Brass Clamp-In Valve	20.5mm	92	21.5	24.5	147°	154°	135mm	Each
Vs-3192-1	(V3.19.2) European Style Brass Clamp-In Valve	20.5mm	76	21.5	24.5	145°	152°	123mm	Each
Vs-3193-1	(V3.19.3) European Style Brass Clamp-In Valve	20.5mm	91	21.5	24.5	155°	162°	136mm	Each



## MICHELIN SINGLE BEND

All Measurements are in Millimeters (mm).

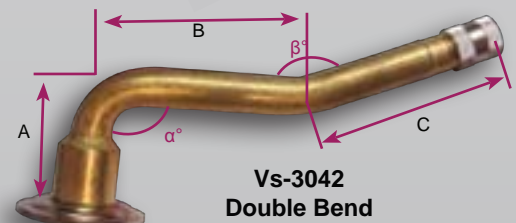
SKU #	PRODUCT DESCRIPTION	A	B	$\alpha^\circ$	QTY
Vs-3022	(V3.02.2) Michelin Single Bend Tube Valve	22.5	43	120°	Each
Vs-3023	(V3.02.3) Michelin Single Bend Tube Valve	33	44.5	95°	Each
Vs-3024	(V3.02.4) Michelin Single Bend Tube Valve	39.5	44.5	110°	Each
Vs-3025	(V3.02.5) Michelin Single Bend Tube Valve	20.5	47.5	90°	Each
Vs-3027	(V3.02.7) Michelin Single Bend Tube Valve	20.5	71.5	100°	Each
Vs-3028	(V3.02.8) Michelin Single Bend Tube Valve	20.5	89.5	94°	Each
Vs-3029	(V3.02.9) Michelin Single Bend Tube Valve	20.5	99.5	94°	Each
Vs-30210	(V3.02.10) Michelin Single Bend Tube Valve	20.5	115	94°	Each
Vs-30211	(V3.02.11) Michelin Single Bend Tube Valve	20	126	98°	Each
Vs-30212	(V3.02.12) Michelin Single Bend Tube Valve	20.5	132	94°	Each
Vs-30213	(V3.02.13) Michelin Single Bend Tube Valve	20.5	133.5	90°	Each
Vs-30214	(V3.02.14) Michelin Single Bend Tube Valve	20.5	138.5	94°	Each
Vs-30215	(V3.02.15) Michelin Single Bend Tube Valve	20.5	145.5	94°	Each
Vs-30216	(V3.02.16) Michelin Single Bend Tube Valve	20.5	149.5	90°	Each
Vs-30217	(V3.02.17) Michelin Single Bend Tube Valve	20.5	156.5	90°	Each
Vs-30218	(V3.02.18) Michelin Single Bend Tube Valve	22.5	74.5	90°	Each
Vs-30219	(V3.02.19) Michelin Single Bend Tube Valve	20.5	60	94°	Each
Vs-30223	(V3.02.23) Michelin Single Bend Tube Valve	29.5	66.5	90°	Each
Vs-30224	(V3.02.24) Michelin Single Bend Tube Valve	20.5	117	90°	Each
Vs-30227	(V3.02.27) Michelin Single Bend Tube Valve	20	75	94°	Each



## MICHELIN DOUBLE BEND

All Measurements are in Millimeters (mm).

SKU #	PRODUCT DESCRIPTION	A	B	C	$\alpha^\circ$	$\beta^\circ$	QTY
Vs-3041	(V3.04.1) Michelin Double Bend Tube Valve	20.5	32	37	90°	138°	Each
Vs-3042	(V3.04.2) Michelin Double Bend Tube Valve	20.5	38	41.5	90°	153°	Each
Vs-3043	(V3.04.3) Michelin Double Bend Tube Valve	20	59	38.5	94°	163°	Each
Vs-3044	(V3.04.4) Michelin Double Bend Tube Valve	20	74	40	94°	144°	Each
Vs-3045	(V3.04.5) Michelin Double Bend Tube Valve	20	76	47.5	90°	153°	Each
Vs-3046	(V3.04.6) Michelin Double Bend Tube Valve	20	86	47.5	90°	153°	Each
Vs-3047	(V3.04.7) Michelin Double Bend Tube Valve	20.5	30.5	38	90°	154°	Each
Vs-3048	(V3.04.8) Michelin Double Bend Tube Valve	20.5	38.5	43	90°	167°	Each
Vs-30410	(V3.04.10) Michelin Double Bend Tube Valve	20.5	47	53	90°	154°	Each
Vs-30411	(V3.04.11) Michelin Double Bend Tube Valve	20.5	47	63.5	90°	154°	Each
Vs-30415	(V3.04.15) Michelin Double Bend Tube Valve	20.5	42	38.5	90°	120°	Each
Vs-30417	(V3.04.17) Michelin Double Bend Tube Valve	20	65	45	90°	160°	Each
Vs-30418	(V3.04.18) Michelin Double Bend Tube Valve	20	72	45	90°	160°	Each
Vs-30421	(V3.04.21) Michelin Double Bend Tube Valve	20	83	57	94°	154°	Each
Vs-30422	(V3.04.22) Michelin Double Bend Tube Valve	20	28	47	94°	164°	Each
Vs-30423	(V3.04.23) Michelin Double Bend Tube Valve	20	48	47	94°	164°	Each
Vs-30424	(V3.04.24) Michelin Double Bend Tube Valve	20	58	47	90°	164°	Each
Vs-30425	(V3.04.25) Michelin Double Bend Tube Valve	20	80	47	94°	164°	Each
Vs-30426	(V3.04.26) Michelin Double Bend Tube Valve	20	99	42	99°	189°	Each

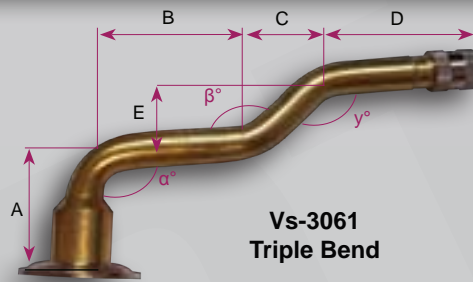


# MICHELIN SCREW-ON TUBE VALVE STEMS

## MICHELIN TRIPLE BEND

All Measurements are in Millimeters (mm).

SKU #	PRODUCT DESCRIPTION	A	B	C	D	E	$\alpha^\circ$	$\beta^\circ$	$\gamma^\circ$	QTY
Vs-3061	(V3.06.1) Michelin Triple Bend Tube Valve	20.5	30.5	19.5	35.5	17	90°	139°	139°	Each
Vs-3062	(V3.06.2) Michelin Triple Bend Tube Valve	20.5	44.5	12	37.5	17	90°	125°	125°	Each
Vs-3063	(V3.06.3) Michelin Triple Bend Tube Valve	20.5	46	20.5	47.5	17	90°	140°	140°	Each
Vs-3065	(V3.06.5) Michelin Triple Bend Tube Valve	20.5	62.5	19.5	49	17	90°	139°	139°	Each
Vs-3066	(V3.06.6) Michelin Triple Bend Tube Valve	20	79.5	19.5	37.5	17	90°	139°	139°	Each
Vs-3067	(V3.06.7) Michelin Triple Bend Tube Valve	20.5	45.5	18.5	42.5	17	90°	137°	137°	Each
Vs-3068	(V3.06.8) Michelin Triple Bend Tube Valve	24.5	61.5	14.5	50.5	7.5	94°	153°	153°	Each
Vs-3069	(V3.06.9) Michelin Triple Bend Tube Valve	20.5	67.5	19.5	54.5	17	90°	139°	139°	Each
Vs-30612	(V3.06.12) Michelin Triple Bend Tube Valve	23.5	71.5	19.5	25.5	11.5	90°	150°	150°	Each
Vs-30614	(V3.06.14) Michelin Triple Bend Tube Valve	20	50	13	40	7	94°	153°	153°	Each
Vs-30615	(V3.06.15) Michelin Triple Bend Tube Valve	20	60	13	40	7	94°	153°	153°	Each
Vs-30616	(V3.06.16) Michelin Triple Bend Tube Valve	20	62	13	50	7	94°	153°	153°	Each
Vs-30617	(V3.06.17) Michelin Triple Bend Tube Valve	20	75	13	50	7	94°	153°	153°	Each



## HARDWARE FOR MICHELIN SCREW-ON VALVE STEMS

SKU #	PRODUCT DESCRIPTION	QTY
Vh-3082-1	(V3.08.2) Rubber Tube Spud (70mm)	Each
Vh-3083-1	(V3.08.3) Rubber Tube Spud (80mm)	Each
Vh-3084-1	(V3.08.4) Rubber Tube Spud (57mm)	Each
Vh-9051-2	Rubber Washer for Universal Brass Tube Valves	Bag of 2



Vh-3083



Vh-3082



Vh-3084



Vh-9051



SKU #	PRODUCT DESCRIPTION	QTY
Ve-336-2	1/2" Plastic Valve Extension	Blister Card of 2
Ve-336-50	1/2" Plastic Valve Extension	Pic-Pak of 50
Ve-336-100	1/2" Plastic Valve Extension	Box of 100
Ve-341-2	3/4" Plastic Valve Stem Extension	Blister Card of 2
Ve-341-40	3/4" Plastic Valve Stem Extension	Pic-Pak of 40
Ve-341-100	3/4" Plastic Valve Stem Extension	Box of 100
Ve-342-2	1 1/4" Plastic Valve Stem Extension	Blister Card of 2
Ve-342-25	1 1/4" Plastic Valve Stem Extension	Pic-Pak of 25
Ve-342-100	1 1/4" Plastic Valve Stem Extension	Box of 100
Ve-343-4	1 1/2" Plastic Valve Stem Extension	Blister Card of 4
Ve-343-20	1 1/2" Plastic Valve Stem Extension	Pic-Pak of 20
Ve-343-100	1 1/2" Plastic Valve Stem Extension	Box of 100
Ve-336M-4	1/2" (13mm) Metal Extension	Blister Card of 4
Ve-336M-25	1/2" (13mm) Metal Extension	Pic-Pak of 25
Ve-341D-25	"SealRite" Double Seal Valve Cap, 3/4" (19mm) effective length	Pic-Pak of 25
Ve-341D-100	"SealRite" Double Seal Valve Cap, 3/4" (19mm) effective length	Bag of 100
Ve-341M-4	3/4" (19mm) Metal Extension	Blister Card of 4
Ve-341M-25	3/4" (19mm) Metal Extension	Pic-Pak of 25
Ve-342M-4	1 1/4" (32mm) Metal Extension	Blister Card of 4
Ve-342M-25	1 1/4" (32mm) Metal Extension	Pic-Pak of 25
Ve-DW7	7" (18 Cm) EPDM Rubber Valve Extension w/Clamp for Dual Wheels	Blister Card of 1
Ve-DW9	9" (23 Cm) EPDM Rubber Valve Extension w/Clamp for Dual Wheels	Blister Card of 1
Ve-DW11	11" (28 Cm) EPDM Rubber Valve Extension w/Clamp for Dual Wheels	Blister Card of 1



Dual wheel extension with flexible hose. Provides easy access to the inner rear tire on campers, recreational vehicles and light trucks. Also useful for fitting to spare wheels that are often difficult to access when checking the pressure. Fits standard valve cap threads. Clamp is easily secured to rim cut out.



Metal heavy duty valve extensions fit most applications, extending the length of the valve stem needed for many types of wheels. Allows the inflation/deflation and checking of the air pressure through the metal extension. (Also known as Inflate through cap.)

## SEALRITE!

### DOUBLE SEAL VALVE CAP



**Ve-341D - "SealRite" Double Seal Valve Cap features:**

- 3/4" (19mm) effective length
- Inflate, deflate or check air pressure directly through the Ve-341D
- No removal needed, so it won't get lost.
- No need to add an additional cap--it IS a cap!
- Heat-resistant grommets give extra protection for performance in high-temperature settings.
- Cap seals like a high-pressure cap and can be used like a valve extension.
- The exterior seal is stronger than some of our competitors to prevent dirt from entering from the outside.



Sturdy plastic valve extensions fit most applications, extending the length of the valve stem needed for many types of wheels. Allows the inflation/deflation and checking of the air pressure through the plastic extension. (Also known as Inflate through cap.)

# VALVE CAPS



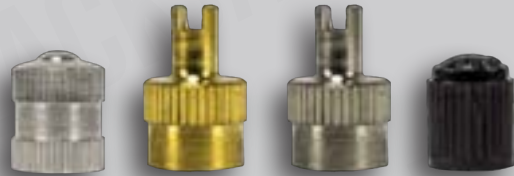
Vc-114G Vc-114R Vc-114Y



Vc-124B Vc-124P Vc-124R Vc-124Y



Vc-134B Vc-134G Vc-134P Vc-134R Vc-134Y



Vc-337\* Vc-338 Vc-339 Vc-340

\*Vc-337- Dome Valve Cap includes Heat Resistant Gasket.



Vc-341 Vc-342 Vc-345 Vc-346



Vc-349 Vc-350 Vc-400

Avoid clutter and disorganization! We recommend our Pic-Pak Inventory Management System to keep your inventory protected and organized.

SKU #	PRODUCT DESCRIPTION	QTY
Vc-114G-4	Bullet Style Metal Cap (Green) (Nitrogen Identification)	Blister Card of 4
Vc-114G	Bullet Style Metal Cap (Green) (Nitrogen Identification)	Pic-Pak of 60
Vc-114R-4	Bullet Style Metal Cap (Red)	Blister Card of 4
Vc-114R	Bullet Style Metal Cap (Red)	Pic-Pak of 60
Vc-114Y-4	Bullet Style Metal Cap (Yellow)	Blister Card of 4
Vc-114Y	Bullet Style Metal Cap (Yellow)	Pic-Pak of 60
Vc-124B-4	Domed, Ribbed Black Metal Valve Cap	Blister Card of 4
Vc-124B	Domed, Ribbed Black Metal Valve Cap	Pic-Pak of 100
Vc-124P-4	Domed, Ribbed Purple Metal Valve Cap	Blister Card of 4
Vc-124P	Domed, Ribbed Purple Metal Valve Cap	Pic-Pak of 100
Vc-124R-4	Domed, Ribbed Red Metal Valve Cap	Blister Card of 4
Vc-124R	Domed, Ribbed Red Metal Valve Cap	Pic-Pak of 100
Vc-124Y-4	Domed, Ribbed Yellow Metal Valve Cap	Blister Card of 4
Vc-124Y	Domed, Ribbed Yellow Metal Valve Cap	Pic-Pak of 100
Vc-134B-4	Hex Style Blue Metal Valve Cap	Blister Card of 4
Vc-134B	Hex Style Blue Metal Valve Cap	Pic-Pak of 100
Vc-134G-4	Hex Style Green Metal Valve Cap (Nitrogen Identification)	Blister Card of 4
Vc-134G	Hex Style Green Metal Valve Cap (Nitrogen Identification)	Pic-Pak of 100
Vc-134P-4	Hex Style Purple Metal Valve Cap	Blister Card of 4
Vc-134P	Hex Style Purple Metal Valve Cap	Pic-Pak of 100
Vc-134R-4	Hex Style Red Metal Valve Cap	Blister Card of 4
Vc-134R	Hex Style Red Metal Valve Cap	Pic-Pak of 100
Vc-134Y-4	Hex Style Yellow Metal Valve Cap	Blister Card of 4
Vc-134Y	Hex Style Yellow Metal Valve Cap	Pic-Pak of 100
Vc-337-5	Nickel-Plated Brass Tire Valve Cap	Blister Card of 5
Vc-337-100	Nickel-Plated Brass Tire Valve Cap	Pic-Pak of 100
Vc-338-4	Valve Cap with Core Tool (Brass)	Blister Card of 4
Vc-338	Valve Cap with Core Tool (Brass)	Pic-Pak of 50
Vc-339-4	Valve Cap with Core Tool (Nickel)	Blister Card of 4
Vc-339	Valve Cap with Core Tool (Nickel)	Pic-Pak of 50
Vc-340-5	Plastic Tire Valve Cap (standard OEM with "O" ring)	Blister Card of 5
Vc-340-100	Plastic Tire Valve Cap (standard OEM with "O" ring)	Pic-Pak of 100
Vc-341-5	Chrome Valve Cap, Hex w/ Dome Type w/ O-Ring Seal	Blister Card of 5
Vc-341-100	Chrome Valve Cap, Hex w/ Dome Type w/ O-Ring Seal	Pic-Pak of 100
Vc-342-5	Chrome Valve Cap, Hex Type w/ O-Ring Seal	Blister Card of 5
Vc-342-100	Chrome Valve Cap, Hex Type w/ O-Ring Seal	Pic-Pak of 100
Vc-345-100	Green Plastic Tire Valve Cap (Nitrogen Identification)	Pic-Pak of 100
Vc-346-5	Gray Plastic Tire Valve Caps	Blister Card of 5
Vc-346-100	Gray Plastic Tire Valve Caps	Pic-Pak of 100
Vc-349-4	Brass Valve Cap with Core Tool & Cap	Blister Card of 4
Vc-349	Brass Valve Cap with Core Tool & Cap	Pic-Pak of 50
Vc-350-4	Plastic Valve Cap, Black, Agriculture	Blister Card of 4
Vc-350	Plastic Valve Cap, Black, Agriculture	Pic-Pak of 50
Vc-400-4	TPMS Plastic Valve Cap - Black with inner seal	Blister Card of 4
Vc-400-50	TPMS Plastic Valve Cap - Black with inner seal	Pic-Pak of 50





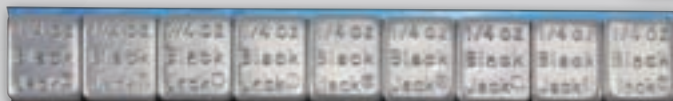


# ECO-FRIENDLY LEAD FREE



## INDIVIDUALLY SEGMENTED COATED STEEL ADHESIVE WEIGHTS

BLACKJACK Easy-Peel Blue Tape extends 1/8in beyond the weight to allow easy removal of vinyl film. These all steel weights are economically friendly and OEM, so switch today!



W-5025-Fe-30



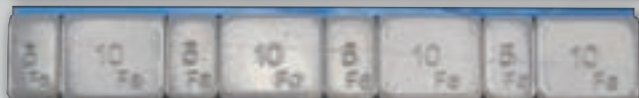
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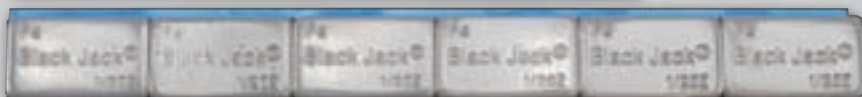
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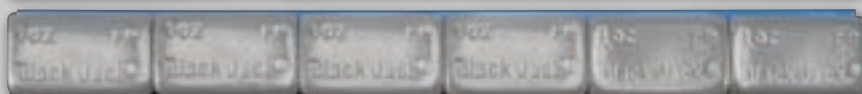
W-6050-Fe-30



W-9510-Fe



W-4050-Fe-30



W-4100-Fe-15



Heavy Duty Box



SKU #	PRODUCT DESCRIPTION	BOX QTY
W-5025-Fe-30	1/4 oz Gray (Low Profile) Stick-On Weights on Easy-Peel Blue Tape	30
W-5050-Fe-30	1/2 oz Gray Stick-On Weights on Easy-Peel Blue Tape	15
W-6025-Fe-30	1/4 oz Black (Low Profile) Stick-on Weights on Easy-Peel Blue Tape	30
W-6050-Fe-30	1/2 oz Black Stick-on Weights on Easy-Peel Blue Tape	30
W-9510-Fe-100	5 & 10 gram Gray Mixed Stick-on Weights on Easy-Peel Blue Tape	30
W-4050-Fe-30	1/2 oz Gray (Low Profile) Curved Stick-on Weights on Easy-Peel Blue Tape	30
W-4100-Fe	1 oz Gray (Low Profile) Curved Stick-On Weights on Easy-Peel Blue Tape	15

We recommend switching to lead free Stick-on weights, this will eliminate the dangers of Lead and reduce inventory SKUs.



ECO-FRIENDLY



# STEEL WHEEL WEIGHTS

## AW STEEL -- RED

SKU #	PRODUCT DESCRIPTION	QTY
AW-025-Fe	0.25 oz Coated Steel AW Wheel Weight	25
AW-050-Fe	0.50 oz Coated Steel AW Wheel Weight	25
AW-075-Fe	0.75 oz Coated Steel AW Wheel Weight	25
AW-100-Fe	1.00 oz Coated Steel AW Wheel Weight	25
AW-125-Fe	1.25 oz Coated Steel AW Wheel Weight	25
AW-150-Fe	1.50 oz Coated Steel AW Wheel Weight	25
AW-175-Fe	1.75 oz Coated Steel AW Wheel Weight	25
AW-200-Fe	2.00 oz Coated Steel AW Wheel Weight	25
AW-225-Fe	2.25 oz Coated Steel AW Wheel Weight	25
AW-250-Fe	2.50 oz Coated Steel AW Wheel Weight	25
AW-275-Fe	2.75 oz Coated Steel AW Wheel Weight	25
AW-300-Fe	3.00 oz Coated Steel AW Wheel Weight	25

These wheel weights are designed for Ford, GM and Chrysler factory-alloy wheels. Wheel weights help keep tires balanced. These wheel weights are supplied in strong, overlapped, locking-flap corrugated boxes and labels are color-coded for your convenience and easy inventory control.



AW-100-Fe

## EN STEEL -- GREEN

SKU #	PRODUCT DESCRIPTION	QTY
EN-05-Fe	5 Gram EN Coated Steel Wheel Weight	25
EN-10-Fe	10 Gram EN Coated Steel Wheel Weight	25
EN-15-Fe	15 Gram EN Coated Steel Wheel Weight	25
EN-20-Fe	20 Gram EN Coated Steel Wheel Weight	25
EN-25-Fe	25 Gram EN Coated Steel Wheel Weight	25
EN-30-Fe	30 Gram EN Coated Steel Wheel Weight	25
EN-35-Fe	35 Gram EN Coated Steel Wheel Weight	25
EN-40-Fe	40 Gram EN Coated Steel Wheel Weight	25
EN-45-Fe	45 Gram EN Coated Steel Wheel Weight	25
EN-50-Fe	50 Gram EN Coated Steel Wheel Weight	25
EN-55-Fe	55 Gram EN Coated Steel Wheel Weight	25
EN-60-Fe	60 Gram EN Coated Steel Wheel Weight	25

These wheel weights are designed for Audi, Mercedes, Toyota and Volkswagen factory-alloy wheels. Coated wheel weights help prevent pitting and discoloration of alloy wheels. Wheel weights help keep tires balanced. These wheel weights are supplied in strong, overlapped, locking-flap corrugated boxes and labels are color-coded for your convenience and easy inventory control.



EN-30-Fe

## FN STEEL -- ORANGE

SKU #	PRODUCT DESCRIPTION	QTY
FN-05-Fe	5 Gram Coated Steel FN Wheel Weight	25
FN-10-Fe	10 Gram Coated Steel FN Wheel Weight	25
FN-15-Fe	15 Gram Coated Steel FN Wheel Weight	25
FN-20-Fe	20 Gram Coated Steel FN Wheel Weight	25
FN-25-Fe	25 Gram Coated Steel FN Wheel Weight	25
FN-30-Fe	30 Gram Coated Steel FN Wheel Weight	25
FN-35-Fe	35 Gram Coated Steel FN Wheel Weight	25
FN-40-Fe	40 Gram Coated Steel FN Wheel Weight	25
FN-45-Fe	45 Gram Coated Steel FN Wheel Weight	25
FN-50-Fe	50 Gram Coated Steel FN Wheel Weight	25
FN-55-Fe	55 Gram Coated Steel FN Wheel Weight	25
FN-60-Fe	60 Gram Coated Steel FN Wheel Weight	25

These wheel weights are designed for the Acura, Daemon, Honda, Lexus, Nissan and Toyota factory-alloy wheels. We recommend our coated wheel weights to help prevent pitting and discoloration of alloy wheels. Wheel weights help keep tires balanced. These wheel weights are supplied in strong, overlapped, locking-flap corrugated boxes and labels are color-coded for your convenience.



FN-30-Fe

## IAW STEEL -- BLUE

SKU #	PRODUCT DESCRIPTION	QTY
IAW-05-Fe	5 Gram Coated Steel IAW Wheel Weight	25
IAW-10-Fe	10 Gram Coated Steel IAW Wheel Weight	25
IAW-15-Fe	15 Gram Coated Steel IAW Wheel Weight	25
IAW-20-Fe	20 Gram Coated Steel IAW Wheel Weight	25
IAW-25-Fe	25 Gram Coated Steel IAW Wheel Weight	25
IAW-30-Fe	30 Gram Coated Steel IAW Wheel Weight	25
IAW-35-Fe	35 Gram Coated Steel IAW Wheel Weight	25
IAW-40-Fe	40 Gram Coated Steel IAW Wheel Weight	25
IAW-45-Fe	45 Gram Coated Steel IAW Wheel Weight	25
IAW-50-Fe	50 Gram Coated Steel IAW Wheel Weight	25
IAW-55-Fe	55 Gram Coated Steel IAW Wheel Weight	25
IAW-60-Fe	60 Gram Coated Steel IAW Wheel Weight	25

These wheel weights are designed for the Audi, BMW, Catera, Geo, Hyundai, Jaguar, Kia, Mitsubishi, Subaru, Suzuki, Ford, GM and Chrysler factory-alloy wheels. These wheel weights are supplied in strong, overlapped, locking-flap corrugated boxes and labels are color-coded for easy identification.



IAW-30-Fe

# STEEL WHEEL WEIGHTS

## LH STEEL -- PURPLE

SKU #	PRODUCT DESCRIPTION	QTY
LH-025-Fe	0.25 oz Coated Steel LH Wheel Weight	25
LH-050-Fe	0.50 oz Coated Steel LH Wheel Weight	25
LH-075-Fe	0.75 oz Coated Steel LH Wheel Weight	25
LH-100-Fe	1.00 oz Coated Steel LH Wheel Weight	25
LH-125-Fe	1.25 oz Coated Steel LH Wheel Weight	25
LH-150-Fe	1.50 oz Coated Steel LH Wheel Weight	25
LH-175-Fe	1.75 oz Coated Steel LH Wheel Weight	25
LH-200-Fe	2.00 oz Coated Steel LH Wheel Weight	25
LH-225-Fe	2.25 oz Coated Steel LH Wheel Weight	25
LH-250-Fe	2.50 oz Coated Steel LH Wheel Weight	25
LH-275-Fe	2.75 oz Coated Steel LH Wheel Weight	25
LH-300-Fe	3.00 oz Coated Steel LH Wheel Weight	25

These wheel weights are designed for the Chrysler Caravan, Concord, Intrepid, LHS, Town & Country, Voyager, 300M and Neon factory-alloy wheels. These wheel weights are supplied in strong, overlapped, locking-flap corrugated boxes and labels are color-coded for easy identification.



LH-100-Fe

## MC STEEL -- YELLOW

SKU #	PRODUCT DESCRIPTION	QTY
MC-025-Fe	0.25 oz Coated Steel MC Wheel Weight	25
MC-050-Fe	0.50 oz Coated Steel MC Wheel Weight	25
MC-075-Fe	0.75 oz Coated Steel MC Wheel Weight	25
MC-100-Fe	1.00 oz Coated Steel MC Wheel Weight	25
MC-125-Fe	1.25 oz Coated Steel MC Wheel Weight	25
MC-150-Fe	1.50 oz Coated Steel MC Wheel Weight	25
MC-175-Fe	1.75 oz Coated Steel MC Wheel Weight	25
MC-200-Fe	2.00 oz Coated Steel MC Wheel Weight	25
MC-225-Fe	2.25 oz Coated Steel MC Wheel Weight	25
MC-250-Fe	2.50 oz Coated Steel MC Wheel Weight	25
MC-275-Fe	2.75 oz Coated Steel MC Wheel Weight	25
MC-300-Fe	3.00 oz Coated Steel MC Wheel Weight	25

These wheel weights are designed for Ford, Chrysler and GM factory-alloy wheels. These wheel weights are supplied in strong, overlapped, locking-flap corrugated boxes and labels are color-coded for easy identification.



MC-100-Fe

## TS STEEL -- GRAY

SKU #	PRODUCT DESCRIPTION	QTY
TS-025-Fe	0.25 oz Light Truck TS Wheel Weight	25
TS-050-Fe	0.50 oz Light Truck TS Wheel Weight	25
TS-075-Fe	0.75 oz Light Truck TS Wheel Weight	25
TS-100-Fe	1.00 oz Light Truck TS Wheel Weight	25
TS-125-Fe	1.25 oz Light Truck TS Wheel Weight	25
TS-150-Fe	1.50 oz Light Truck TS Wheel Weight	25
TS-175-Fe	1.75 oz Light Truck TS Wheel Weight	25
TS-200-Fe	2.00 oz Light Truck TS Wheel Weight	25
TS-225-Fe	2.25 oz Light Truck TS Wheel Weight	25
TS-250-Fe	2.50 oz Light Truck TS Wheel Weight	25
TS-275-Fe	2.75 oz Light Truck TS Wheel Weight	25
TS-300-Fe	3.00 oz Light Truck TS Wheel Weight	25

These coated wheel weights are designed for lightweight truck and vans with steel wheels. This is also known as TN series. These wheel weights are supplied in strong, overlapped, locking-flap corrugated boxes and labels are color-coded for easy identification.



TS-100-Fe

## P STEEL -- BLACK

SKU #	PRODUCT DESCRIPTION	QTY
P-025-Fe	0.25 oz Coated Steel P Wheel Weights	25
P-050-Fe	0.50 oz Coated Steel P Wheel Weight	25
P-075-Fe	0.75 oz Coated Steel P Wheel Weight	25
P-100-Fe	1.00 oz Coated Steel P Wheel Weight	25
P-125-Fe	1.25 oz Coated Steel P Wheel Weight	25
P-150-Fe	1.50 oz Coated Steel P Wheel Weight	25
P-175-Fe	1.75 oz Coated Steel P Wheel Weight	25
P-200-Fe	2.00 oz Coated Steel P Wheel Weight	25
P-225-Fe	2.25 oz Coated Steel P Wheel Weight	25
P-250-Fe	2.50 oz Coated Steel P Wheel Weight	25
P-275-Fe	2.75 oz Coated Steel P Wheel Weight	25
P-300-Fe	3.00 oz Coated Steel P Wheel Weight	25

These wheel weights are designed for steel OEM wheels; use on standard passenger car and light truck with 13" -16" steel wheels. These are non-coated; for coated, use the "TSC" series (below). These wheel weights are supplied in strong, overlapped, locking-flap corrugated boxes and labels are color-coded for easy identification.

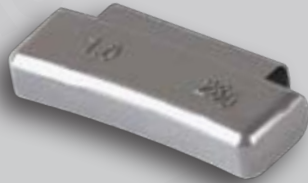


P-100-Fe

# LEAD WHEEL WEIGHTS

## AW LEAD -- RED

SKU #	PRODUCT DESCRIPTION	QTY
AWC-025	0.25 oz AW Coated Wheel Weight	25
AWC-050	0.50 oz AW Coated Wheel Weight	25
AWC-075	0.75 oz AW Coated Wheel Weight	25
AWC-100	1.00 oz AW Coated Wheel Weight	25
AWC-125	1.25 oz AW Coated Wheel Weight	25
AWC-150	1.50 oz AW Coated Wheel Weight	25
AWC-175	1.75 oz AW Coated Wheel Weight	25
AWC-200	2.00 oz AW Coated Wheel Weight	25
AWC-225	2.25 oz AW Coated Wheel Weight	25
AWC-250	2.50 oz AW Coated Wheel Weight	25
AWC-275	2.75 oz AW Coated Wheel Weight	25
AWC-300	3.00 oz AW Coated Wheel Weight	25



AWC-100

## EN LEAD -- GREEN

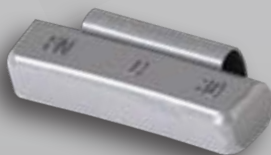
SKU #	PRODUCT DESCRIPTION	QTY
ENC-10	10 Gram ENC Coated Wheel Weight	25
ENC-15	15 Gram ENC Coated Wheel Weight	25
ENC-20	20 Gram ENC Coated Wheel Weight	25
ENC-25	25 Gram ENC Coated Wheel Weight	25
ENC-30	30 Gram ENC Coated Wheel Weight	25
ENC-35	35 Gram ENC Coated Wheel Weight	25
ENC-40	40 Gram ENC Coated Wheel Weight	25
ENC-45	45 Gram ENC Coated Wheel Weight	25
ENC-50	50 Gram ENC Coated Wheel Weight	25
ENC-55	55 Gram ENC Coated Wheel Weight	25
ENC-60	60 Gram ENC Coated Wheel Weight	25



ENC-30

## FN LEAD -- ORANGE

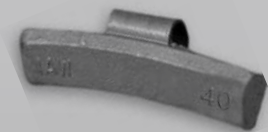
SKU #	PRODUCT DESCRIPTION	QTY
FNC-05	5 Gram Coated Wheel Weight	25
FNC-10	10 Gram Coated Wheel Weight	25
FNC-15	15 Gram Coated Wheel Weight	25
FNC-20	20 Gram Coated Wheel Weight	25
FNC-25	25 Gram Coated Wheel Weight	25
FNC-30	30 Gram Coated Wheel Weight	25
FNC-35	35 Gram Coated Wheel Weight	25
FNC-40	40 Gram Coated Wheel Weight	25
FNC-45	45 Gram Coated Wheel Weight	25
FNC-50	50 Gram Coated Wheel Weight	25
FNC-55	55 Gram Coated Wheel Weight	25
FNC-60	60 Gram Coated Wheel Weight	25



FNC-30

## IAW LEAD -- BLUE

SKU #	PRODUCT DESCRIPTION	QTY
IAWC-05	5 Gram Coated IAW Wheel Weight	25
IAWC-10	10 Gram Coated IAW Wheel Weight	25
IAWC-15	15 Gram Coated IAW Wheel Weight	25
IAWC-20	20 Gram Coated IAW Wheel Weight	25
IAWC-25	25 Gram Coated IAW Wheel Weight	25
IAWC-30	30 Gram Coated IAW Wheel Weight	25
IAWC-35	35 Gram Coated IAW Wheel Weight	25
IAWC-40	40 Gram Coated IAW Wheel Weight	25
IAWC-45	45 Gram Coated IAW Wheel Weight	25
IAWC-50	50 Gram Coated IAW Wheel Weight	25
IAWC-55	55 Gram Coated IAW Wheel Weight	25
IAWC-60	60 Gram Coated IAW Wheel Weight	25



IAWC-30



# LEAD WHEEL WEIGHTS

## LH LEAD -- PURPLE

## MC LEAD -- YELLOW

SKU #	PRODUCT DESCRIPTION	QTY
LHC-025	0.25 oz Coated LH Wheel Weight	25
LHC-050	0.50 oz Coated LH Wheel Weight	25
LHC-075	0.75 oz Coated LH Wheel Weight	25
LHC-100	1.00 oz Coated LH Wheel Weight	25
LHC-125	1.25 oz Coated LH Wheel Weight	25
LHC-150	1.50 oz Coated LH Wheel Weight	25
LHC-175	1.75 oz Coated LH Wheel Weight	25
LHC-200	2.00 oz Coated LH Wheel Weight	25
LHC-225	2.25 oz Coated LH Wheel Weight	25
LHC-250	2.50 oz Coated LH Wheel Weight	25
LHC-275	2.75 oz Coated LH Wheel Weight	25
LHC-300	3.00 oz Coated LH Wheel Weight	25

SKU #	PRODUCT DESCRIPTION	QTY
MCC-025	0.25 oz MC Coated Wheel Weight	25
MCC-050	0.50 oz MC Coated Wheel Weight	25
MCC-075	0.75 oz MC Coated Wheel Weight	25
MCC-100	1.00 oz MC Coated Wheel Weight	25
MCC-125	1.25 oz MC Coated Wheel Weight	25
MCC-150	1.50 oz MC Coated Wheel Weight	25
MCC-175	1.75 oz MC Coated Wheel Weight	25
MCC-200	2.00 oz MC Coated Wheel Weight	25
MCC-225	2.25 oz MC Coated Wheel Weight	25
MCC-250	2.50 oz MC Coated Wheel Weight	25
MCC-275	2.75 oz MC Coated Wheel Weight	25
MCC-300	3.00 oz MC Coated Wheel Weight	25



LHC-100



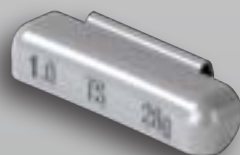
MCC-100

## TS LEAD -- GRAY

## P LEAD -- BLACK

SKU #	PRODUCT DESCRIPTION	QTY
TSC-025	0.25 oz Light Truck Wheel Weight	25
TSC-050	0.50 oz Light Truck Wheel Weight	25
TSC-075	0.75 oz Light Truck Wheel Weight	25
TSC-100	1.00 oz Light Truck Wheel Weight	25
TSC-125	1.25 oz Light Truck Wheel Weight	25
TSC-150	1.50 oz Light Truck Wheel Weight	25
TSC-175	1.75 oz Light Truck Wheel Weight	25
TSC-200	2.00 oz Light Truck Wheel Weight	25
TSC-225	2.25 oz Light Truck Wheel Weight	25
TSC-250	2.50 oz Light Truck Wheel Weight	25
TSC-275	2.75 oz Light Truck Wheel Weight	25
TSC-300	3.00 oz Light Truck Wheel Weight	25

SKU #	PRODUCT DESCRIPTION	QTY
P-025	0.25 oz Standard Steel Rim Wheel Weight	50
P-050	0.50 oz Standard Steel Rim Wheel Weight	50
P-075	0.75 oz Standard Steel Rim Wheel Weight	50
P-100	1.00 oz Standard Steel Rim Wheel Weight	50
P-125	1.25 oz Standard Steel Rim Wheel Weight	50
P-150	1.50 oz Standard Steel Rim Wheel Weight	50
P-175	1.75 oz Standard Steel Rim Wheel Weight	25
P-200	2.00 oz Standard Steel Rim Wheel Weight	25
P-225	2.25 oz Standard Steel Rim Wheel Weight	25
P-250	2.50 oz Standard Steel Rim Wheel Weight	25
P-275	2.75 oz Standard Steel Rim Wheel Weight	25
P-300	3.00 oz Standard Steel Rim Wheel Weight	25
P-325	3.25 oz Standard Steel Rim Wheel Weight	25
P-350	3.50 oz Standard Steel Rim Wheel Weight	25
P-375	3.75 oz Standard Steel Rim Wheel Weight	25
P-400	4.00 oz Standard Steel Rim Wheel Weight	25



TSC-100



P-100

# HEAVY DUTY TRUCK WHEEL WEIGHTS

## I7 LEAD HD

I7 Truck Wheel Weight are one of the most popular weights for medium-duty trucks. Used on most trucks with tube-type tires.



I7-4



SKU #	PRODUCT DESCRIPTION	QTY
I7-2	2 oz I-7 Truck Wheel Weight	25
I7-3	3 oz I-7 Truck Wheel Weight	25
I7-4	4 oz I-7 Truck Wheel Weight	25
I7-5	5 oz I-7 Truck Wheel Weight	25
I7-6	6 oz I-7 Truck Wheel Weight	25
I7-8	8 oz I-7 Truck Wheel Weight	25
I7-10	10 oz I-7 Truck Wheel Weight	25
I7-12	12 oz I-7 Truck Wheel Weight	25
I7-14	14 oz I-7 Truck Wheel Weight	25

## LT1 LEAD HD

LT1 series weights are used primarily on light-duty trucks, 3/4 and 1 ton vehicles with either tube or tubeless rims where such rims are too thick for standard passenger cars weights. They may also be used for heavier trucks with thin rim flanges.



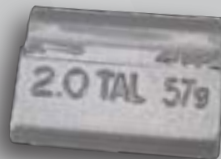
B-350



SKU #	PRODUCT DESCRIPTION	QTY
B-05	.50 oz B LT1 Truck Wheel Weight	25
B-100	1 oz B LT1 Truck Wheel Weight	25
B-150	1.50 oz B LT1 Truck Wheel Weight	25
B-200	2 oz B LT1 Truck Wheel Weight	25
B-250	2.50 oz B LT1 Truck Wheel Weight	25
B-300	3 oz B LT1 Truck Wheel Weight	25
B-350	3.50 oz B LT1 Truck Wheel Weight	25
B-400	4 oz B LT1 Truck Wheel Weight	25
B-450	4.50 oz B LT1 Truck Wheel Weight	25
B-500	5 oz B LT1 Truck Wheel Weight	25
B-600	6 oz B LT1 Truck Wheel Weight	25

## TAL LEAD HD

TAL series weights are designed for all Alcoa and Accuride aluminum tubeless heavy truck wheels. The weights will fit on both sides of the wheel. These wheel weights are supplied in strong, overlapped, locking-flap corrugated boxes and labels are color-coded for easy identification.



TAL-2



SKU #	PRODUCT DESCRIPTION	QTY
TAL-2	2.00 oz TAL Coated Truck Wheel Weight	25
TAL-3	3.00 oz TAL Coated Truck Wheel Weight	20
TAL-4	4.00 oz TAL Coated Truck Wheel Weight	20
TAL-6	6.00 oz TAL Coated Truck Wheel Weight	25
TAL-8	8.00 oz TAL Coated Truck Wheel Weight	25

## WHEEL WEIGHT TOOLS



**Ww-820**  
Automotive Wheel Weight Hammer



**Ww-820E**  
Automotive Wheel Weight Hammer



**Ww-825**  
Wheel Weight Hammer (plastic Tip)



**Ww-021**  
Alloy Wheel Gauge w/ Magnet



**Ww-830**  
Heavy Duty Wheel Weight Pliers/Hammer (Soft Cap)



**Ww-835**  
Heavy Duty Truck Wheel Weight Hammer



**Ww-910**  
Dead Blow Hammer 24oz



**Ww-850**  
Adhesive Wheel Weight Remover w/ Hand Guard



**Ww-855**  
Adhesive Wheel Weight Remover (Rigid)



**Ww-905**  
Wheel Weight Hammer w/ Hook

# STOCKED CABINET ASSORTMENT

HEAVY DUTY STEEL CONSTRUCTION



- Heavy Duty Steel Constructed
- Double Cabinet
- Shelves in Door and in Base

## INVENTORY MANAGEMENT SYSTEM

These Cabinets are perfect for managing all your tire repair products. Inside on each shelf is a label for each item to help manage your inventory. A place for everything, and everything in its place.





- As-901 Black Double Cabinet**
- BJ-110 Black Jack Color Catalog
  - Bp-574 3 1/8" Bias-Ply Chemical Cure Repair, 2 Ply
  - Bp-575-2 4" Bias-Ply Chemical Cure Repair, 2 Ply
  - BP-580-2 3" Criss-Cross Reinforced Boot, 2 Ply
  - BP-581-2 4" Criss Cross Reinforced Boot, 2 Ply
  - BP-582-2 4 3/4" Criss Cross Reinforced Boot, 4 Ply
  - Bs-228 Bead Selaer w/ brush 32 oz. can
  - Bu-099 50mm Round Cup Buffing Wheel
  - Cc-032L 1/8" diameter tapered carbide cutter
  - Cc-033 7/32" diameter carbide cutter
  - Ce-708 Flammable Blue Cement
  - Cu-206-12 1 7/8", 1/4" Dipped Stem w/ metal lead wire
  - Cu-210-12 1 7/8", 3/8" Dipped stem 2/ metal lead wire
  - Ft-544 3" (76mm) Foil Back Patch
  - In-906 1/4" Lead Wire insert (box of 60)
  - In-910 3/8" Lead Wire insert (box of 40)
  - Kt-835 Technicians Professional Tire Repair Set
  - Ld-216 Concentrated Leak Detector 16 oz. bottle
  - Ld-232 Pinpoint Leak Detector Bottle
  - Lr-528 Butyl Liner Repair 8 oz. Can
  - Mk-515-1 3/4" Mark All White Paintstick
  - Ra-010 2 3/16" x 3" Reinforced Radial Repair, 1 Ply
  - Ra-012 2 3/4" x 4 1/2" Reinforced Radial Repair, 1 Ply
  - Ra-014-2 3 3/8" x 5 1/8" Reinforced Radial Repair, 1 Ply
  - Ra-020-2 3 3/16" x 5" Reinforced Radial Repair, 2 Ply
  - Ra-025-1 4 1/2" x 4 7/8" Reinforced Radial Repair, 4 Ply
  - Ra-040-1 4" x 7 3/4" Reinforced Radial Repair, 3 Ply
  - Ra-041-1 5 1/4" x 7 1/4" Reinforced Radial Repair, 4 Ply
  - Ra-301 1 3/4" Square Radial Patch
  - Ra-302 2 1/8" Square Radial Patch
  - Ra-303 2 3/4" Square Radial Patch
  - Ra-505 2" Square Radial Patches
  - Ra-510 2 1/8" x 3" Radial Chemical Cure, 1 Ply
  - Ra-512 2 3/4" x 4 3/8" Radial Chemical Cure, 1 Ply
  - Ra-514-2 3 1/4" x 5" Radial Chemical Cure, 1 Ply
  - Ra-520-2 3" X 5" Radial Chemical Cure, 2 Ply
  - Ra-525-1 4 1/2" x 5" Radial Chemical Cure, 3 ply
  - Ra-552 3/8" Round Radial Patch
  - Ra-553 1/8" Round Radial Patch
  - Rb-110 Rubber Buffer-Cleaner Aerosol
  - Re-640 6" Large Diameter Refills (40 per box)
  - Sc-392 Plastic Handled Liner Scraper
  - St-399 Wooden Handled Stitcher "Ball Bearing Roller"
  - Sw-791 Long Handle Tire Swab
  - Tp-507 2 3/8" Round Tube Patch
  - Tp-508 3 1/8" Round Tube Patch
  - Pp-138601 Pic-Pak Yellow Wall Bracket
  - Pp-9901 Pic-Pak Yellow Peg Hook



**As-910**  
**HEAVY DUTY CABINET ASSORTMENT**



# WANT A FREE CABINET



- ✓ ORGANIZE
- ✓ INVENTORY CONTROL
- ✓ EASY STOCKING
- ✓ NEAT & CLEAN
- ✓ SAVE TIME & SPACE
- ✓ HEAVY DUTY STEEL CONSTRUCTION
- ✓ DOUBLE WIDE





**As-901 Black Double Cabinet**

- BJ-110 Black Jack Color Catalog
- AP-109 1 3/8" Round All Purpose Patch
- AP-110 1 3/4" Round All Purpose Patch
- AP-111 2 3/8" Round All Purpose Patch
- AP-113 3 1/8" Round All Purpose Patch
- AP-115 1 3/4" Square All Purpose Patch
- AP-116 2 1/8" Square All Purpose Patch
- AP-117 2 3/4" All Square Purpose Patch
- Bp-575-2 4" Bias-Ply Chemical Cure Repair
- Bp-580-2 3" Criss-Cross Reinforced Boot
- Bs-228 Bead Sealer w/ brush 32 oz. can
- Bu-099 50mm Round Cup Buffing Wheel
- Cc-032 1/8" Diameter Tapered Carbide Cutter
- Cc-033 7/32" diameter carbide cutter
- Ce-708 Flammable Blue Cement
- Cu-203-12 Patch Plug Combo (3/16" Gum Dipped Stem)
- Cu-206-12 1 7/8", 1/4" Dipped Stem w/ metal lead wire
- Cu-210-12 1 7/8", 3/8" Dipped stem 2/ metal lead wire
- Ft-541 1 1/4" Foil Back Patch
- Ft-542 1 1/2" Foil Back Patch
- Kt-840 Technicians Professional Tire Repair Set
- Ld-216 Concentrated Leak Detector 16 oz. bottle
- Ld-232 Pinpoint Leak Detector Bottle
- Lr-528 Butyl Liner Repair 8 oz. Can
- Mk-510-2 White Paint Stick (2 pieces)
- Mk-511-2 Yellow Paint Stick (2 pieces)
- Ra-010 2 3/16" x 3" Reinforced Radial Repair, 1 Ply
- Ra-012-2 2 3/4" x 4 1/2" Reinforced Radial Repair, 1 Ply
- Ra-301 1 3/4" Square Radial Patch
- Ra-302 2 1/8" Square Radial Patch
- Ra-303 2 3/4" Square Radial Patch
- Ra-505 2" Square Radial Patches
- Ra-510 2 1/8" x 3" Radial Chemical Cure Patch, 1 Ply
- Ra-512-2 2 3/4" x 4 3/8" Radial Chemical Cure Patch, 1 Ply
- Ra-551 1 3/4" Round Radial Patch
- Ra-552 2 3/8" Round Radial Patch
- Ra-553 3 1/8" Round Radial Patch
- Rb-110 Rubber Buffer-Cleaner Aerosol
- Re-460 4" Large Diameter Refills (box of 60)
- Re-480 4" Small Diameter Refills (box of 80)
- Re-940 4" Large Diameter Chemical Cure (box of 40)
- Sc-392 Plastic Handled Liner Scraper
- St-399 Wooden Handled Stitcher "Ball Bearing Roller"
- SW-791 Long Handle Tire Swab
- TP-206 1 7/16" x 2 1/4" Small Oval Patch
- TP-208 2 3/8" x 4 1/8" Oval Tube Patch
- TP-501 1 3/8" Round Feather Edge Tube
- TP-506 1 3/4" Feather Edge Tube Patch
- TP-507 2 3/8" Round Tube Patch
- TP-508 3 1/8" Round Tube Patch
- Pp-138601 Pic-Pak Yellow Wall Bracket
- Pp-9901 Pic-Pak Yellow Peg Hook



**As-902**

**TIRE REPAIR CABINET ASSORTMENT**



# WANT A FREE CABINET



- ✓ ORGANIZE
- ✓ INVENTORY CONTROL
- ✓ EASY STOCKING
- ✓ NEAT & CLEAN
- ✓ SAVE TIME & SPACE
- ✓ HEAVY DUTY STEEL CONSTRUCTION
- ✓ DOUBLE WIDE



# NEW FOR 2016



## As-901

### Black Double Cabinet

- Ak-20005-10 Nissan
- Ak-20006-10 GMC, Hummer, Isuzu
- Ak-20007-10 Nissan, Infiniti
- Ak-20009-10 Saab, Suzuki
- Ak-20010-10 Volvo
- Ak-20011-10 Subaru
- Ak-20012-10 Prowler & Corvette
- Ak-20013-10 Chrysler, Dodge, Jeep
- Ak-20014-10 Nissan, Infiniti
- Ak-20015-10 GM with TRW Clamp-in
- Ak-20016-10 Mercedes
- Ak-20028-10 Chrysler, Jeep
- Ak-20096-10 Aviator, Explorer
- Ak-20107-10 Yukon, Tahoe, Escalade
- Ak-20201-10 Chrysler
- Ak-20202-10 Audi, Mercedes, VW
- Ak-20204-10 Acura, Honda, Kia
- Ak-20206-10 Hyundai, Honda, Kia
- Ak-20207-10 Volkswagen
- Ak-20211-10 Misc. Imports
- Ak-20216-10 Lexus, Toyota
- Ak-20217-10 Lexus, Toyota
- Ak-20221-10 Lexus SC430
- Cr-339-200 High Heat Tire Valve Core
- Vc-341P-50 Chromed Plastic Dome Cap
- Vc-342P-50 Chromed Plastic Hex Cap
- Vc-343-50 Chromed Plastic Dome Cap, Green Top
- Vc-345-100 Green Plastic Tire Valve Caps
- Vc-346-100 Gray Plastic Tire Valve Caps
- Vc-400-50 Long Skirted Black Valve Cap
- Vc-400G-50 Long Skirted Green Valve Cap
- Vs-20008-10 Snap-in Valve Stem
- Vs-20008C-10 Chrome Snap-in Valve Stem
- Vs-20020-10 Chrysler, Dodge, Mercedes
- Vs-20035-10 Honda
- Vs-20036-10 Acura, Honda, Kia
- Vs-20198-10 Dodge Sprinter
- Vs-20203-10 Audi, Mercedes
- Vs-50399-10 Ford



Vc-341P Vc-342P Vc-343 Vc-345



Vs-20020



Vs-20035



Vs-20036



Vs-20198

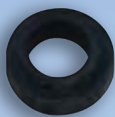


Vs-20203

**As-950**  
**TPMS SERVICE CENTER**



Sample Service Kit



Seal



Nut



Cap



Core



# WANT A FREE CABINET



**ORGANIZE**



**INVENTORY  
CONTROL**



**EASY STOCKING**



**NEAT & CLEAN**



**SAVE TIME  
& SPACE**



**HEAVY DUTY  
STEEL CONSTRUCTION**



**DOUBLE WIDE**



Vc-346



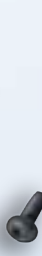
Vc-400G



Vc-400



Vs-20008C



Vs-20008



Vs-50399

# TURN-STYLE PRODUCT ASSORTMENT

## What's included in the As-1100:

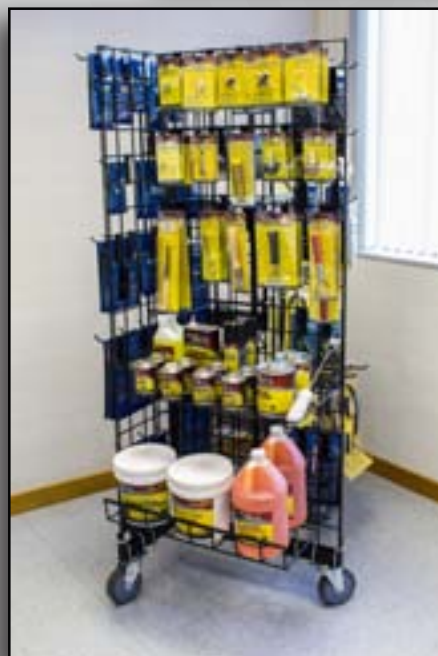
SKU #	PRODUCT DESCRIPTION
Ac-164	Air Chuck, Clip-On (Flo-Thru Euro Style)
Ac-165	1/4" Ball Foot Brass Air Chuck
Ac-169	1/4" Brass Air Chuck Flo-Thru w/ Clip
Ac-300	Brass Air Coupler
Ac-301-2	Male Air Coupler (Chrome Steel)
Ac-303-2	Female Air Coupler (Chrome Steel)
Bp-575-2	4" (100mm) One-Piece Bias-Play Euro-Style Repair
Bp-576-1	4 3/4" (120mm) One-Piece Bias-Play Euro-Style Repair
Bp-577-1	6 3/8" (160mm) One-Piece Bias-Play Euro-Style Repair
Bs-228	Bead Sealer 1 Quart Can
Bu-098	Buffing Dome 1.9" (50mm) Black Fine Grit
Bu-099	Buffing Dome 1.9" (50mm) Bronze Coarse Grit
Ce-508	Cement 8oz Can
Ce-708	Blue Cement 8oz Can
Cr-339-5	High Heat Tire Valve Core, Small Bore
Ct-103	2-in-1 Valve Core Remover and Deflator
Ct-104	4-Way Valve Core Tool (Chrome)
Ct-105	4-Way Valve Core Tool (Black)
Ct-107	4-Way Valve Core Tool (Large Bore)
Ct-109	Valve Fishing Tool with Chain
Ga-200	Yellow Pencil Tire Gauge – 10-50 PSI
Ga-201	Red Pencil Tire Gauge – 10-50 PSI
Ga-202	Blue Pencil Tire Gauge – 10-50 PSI
Ga-203	Black Pencil Tire Gauge – 10-50 PSI
Ga-210	Chrome Pencil Tire Gauge – 10-50 PSI
Ga-212	Low Pressure ATV Tire Gauge – 1-120 PSI
Ga-214	Small Truck Tire Gauge w/ Angled Dual Head – 20-120 PSI
Ga-217	Small Straight Dual Truck Tire Gauge – 20-120 PSI
Ga-232	Long Chrome Truck Tire Pressure Gauge w/ Chrome Slide – 10-150 PSI
Ga-248	Chrome Dual Truck Tire Pressure Gauge w/ Chrome Slide – 10-150 PSI
Ga-260	Large Bore Swivel Head Air Gauge – 10-150 PSI
Ga-325	Plastic Dial Tire Gauge – 10-150 PSI
Ga-326	Dual Foot Chrome Tire Gauge w/ Hose – 10-75 PSI
Ga-327	Plastic Dial Tire Gauge (Economy) – 10-75 PSI
Ga-328	Mini Dial Gauge w/ Swivel Angle Head - 10-60 PSI
Ga-332	Mini Dial Tire Gauge – 10-60 PSI
Ga-333	Heavy Duty Tire Gauge – 10-160 PSI
Ga-340	Inflator/Deflator Gauge w/ Hose – 10-130 PSI
Ga-345	Analog Tire Inflator/Deflator Cyclone Gauge – 10-160 PSI
Ga-424	Sport Digital Tire Gauge w/ Light – 5-99 PSI
Ga-428	Black Plastic Digital Tire Gauge – 5-100 PSI
Ga-430	Red Plastic Digital Tire Gauge w/ Light – 5-100 PSI
Ga-435	4-in-1 Utility Tool and Digital Tire Gauge – 5-120 PSI
Ga-705	Tire Tread Depth Gauge
Kn-210	Flexible Skiving Knife w/ Wooden Handle
Kt-220	Compact Tire Repair Kit
Kt-335	Truck Tire Repair Kit

SKU #	PRODUCT DESCRIPTION
Lb-216	Concentrated Leak Detector 16oz Bottle (32:1)
Lb-800	Glide Tire Bead Lube 1 Gallon
Lb-2000	Concentrated Tire Mounting Compound 8lbs Pail
Lb-2020	Euro Tire Mounting Paste, White 7.5 lb Pail
Lr-528	Butyl Liner Topcoat 8oz Can
Mk-511-2	1/2" Yellow Paint Marker (Hex)
Or-812-1	3" x 4" Oval Agricultural Boot
Or-813-1	4" x 6" Oval Agricultural Boot
Or-814-1	5.5" x 7.75" Oval Agricultural Boot
Or-815-1	7" x 9.75" Oval Agricultural Boot
Or-852-1	5.25" x 7.25" Sidewall Agricultural Boot
Or-853-1	6.25" x 10" Sidewall Agricultural Boot
Or-854-1	7.5" x 13.25" Sidewall Agricultural Boot
Pn-100	Raptor I Steel Bead Seater
Pn-210	Blow Gun w/ Rubber Tip and Male Nipple
Ra-010-2	2 3/16" x 3" Reinforced Radial Repair
Ra-012-2	2 3/4" x 4 1/2" Reinforced Radial Repair
Ra-014-2	3 3/8" x 5 1/8" Reinforced Radial Repair
Ra-510-2	2 1/8" x 3" Radial Chemical Cure Repair
Ra-512-2	2 3/4" x 4 3/8" Radial Chemical Cure Repair
Ra-514-2	3 1/4" x 5" Radial Chemical Cure Repair
Rb-110	Aerosol Rubber-Buffer Cleaner 10oz Can
Rb-125	Liquid Rubber-Buffer Cleaner 32oz Can
Re-430	(Blister Card of 30 Large Diameter 4" Repairs
Sc-392	Plastic Handled Liner Scraper
Sc-395	Inner Liner Scraper (Saw Type)
St-398	Combination Buffer Stitcher (Stainless Steel)
St-399	Wooden Handled Stitcher (Ball Bearing Roller)
Sw-791	14 1/2" Tire Swab
Th-214	T-Bone Handle w/ 4" Open-Eye Needle and Spiral Probe
Th-605	Plastic Handle Plug Tool w/ 5 Large Diameter 4" Repairs
Vc-114G-4	Bullet Style Metal Cap (Green – Nitrogen Identification)
Vc-114R-4	Bullet Style Metal Cap (Red)
Vc-114Y-4	Bullet Style Metal Cap (Yellow)
Vc-124B-4	Domed, Ribbed Metal Valve Cap (Black)
Vc-124P-4	Domed, Ribbed Metal Valve Cap (Purple)
Vc-124R-4	Domed, Ribbed Metal Valve Cap (Red)
Vc-124Y-4	Domed, Ribbed Metal Valve Cap (Yellow)
Vc-134B-4	Hex Style Metal Valve Cap (Blue)
Vc-134G-4	Hex Style Metal Valve Cap (Green – Nitrogen Identification)
Vc-134P-4	Hex Style Metal Valve Cap (Purple)
Vc-134R-4	Hex Style Metal Valve Cap (Red)
Vc-337-5	Nickel-Plated Brass Tire Valve Cap
Vc-345-5	Green Plastic Tire Valve Cap (Nitrogen Identification)
Ve-342-2	Chrome Valve Cap, Hex Type w/ O-Ring Seal
Vs-413-2	1 1/4" Snap-In Valve Stem w/ .453" Rim Hole
Vs-418-2	2" Snap-In Valve Stem w/ .453" Rim Hole



# As-1100 BLACKJACK TIRE REPAIR TURN-STYLE PRODUCT DISPLAY

Our Tire Repair Turn-Style Product Display is a great way to showcase all of the BlackJack products you offer. See table to the left for a detail list of everything that's included in the BlackJack Tire Repair Turn-Style Product Display and get yours today!





## ECO-FRIENDLY LEAD FREE



Start the switch to Steel and keep organized with the BlackJack Wheel Weight Center Rack. This rack is made of a strong metal and includes 96 colored plastic bins to match the model of the weights. It also includes 960 of our Steel wheel weights! That's 10 of every model and size! The rack also comes with a stylish header card which shows some of the applications of the different weights.

### Measurements:

Height - 58"  
Card Height - 12"  
Width - 36"  
Card Width - 36"  
Depth - 10"

## • Inventory Management System

**Ww-Rack-10Fe**  
Metal Wheel Weight Rack Includes 96  
Plastic Bins and 960 Steel Wheel Weights

*Ww-Rack Also Available (Includes the 96 Plastic Bins Only)*



# FREE IN-STORE MARKETING MATERIAL!



We have, and will continue to provide FREE marketing material for our Authorized Dealers to help them succeed.

- Increase your Profits
- Communicate with your Customers
- Understand your Product
- Guarantee your Product
- Have the Latest Information
- Sell MORE without Spending More

*Mix & Match your Kits and personalize your display for YOUR customer!*

**BLACK  
JACK**   
Tire Repair

TIRE REPAIR FOR ALL INDUSTRIES

[www.black-jack-tire-repair.com](http://www.black-jack-tire-repair.com)



# APPAREL AND PROMOTIONAL ITEMS

Make yourself visible, let your customers and employees know you mean business with BlackJack Tire Repair Apparel and Promotional Items. Additional items will be added by request. Our shirts are made of light weight and comfortable 100% Micro-polyester Moisture Wicking Fabric. They are mostly black with yellow accents on the sides, collar, and back. The BlackJack logo is perfectly embroidered on the left breast area. They come in 4 sizes: Small (S), Medium (M), Large (L), and Extra Large (XL).



**BlackJack Black/Yellow Polo Shirt (M)**



**Pr-300 Yellow Click Ink Pen w/ BlackJack Logo and Rubber Grip**

SKU#	PRODUCT DESCRIPTION	SIZE	QTY
Shirt-M	BlackJack Black/Yellow Polo Shirt	M	1
Shirt-L	BlackJack Black/Yellow Polo Shirt	L	1
Shirt-XL	BlackJack Black/Yellow Polo Shirt	XL	1
Shirt-XXL	BlackJack Black/Yellow Polo Shirt	XXL	1



**Pr-700 BlackJack Official Playing Cards**



**Pr-502E Tire Repair Sign 11" x 7.5" (100lb Oily PVC printed with UV ink with PET Coating)**



**Pr-502S Tire Repair Sign Spanish 11" x 7.5" (100lb Oily PVC printed with UV ink with PET Coating)**



**Pr-500E - BlackJack Bumper Sticker (8.75" x 3")**



**1. EXTERNAL INSPECTION** - Prior to dismounting, check tire surface and valve for source of leak by spraying BlackJack Pinpoint Leak Detector (LD-216/LD-232).



**2. INTERNAL INSPECTION** - Spread beads and mark injury on the inside and the outside with BlackJack Paint Marker (MK-510/MK-511). Remove puncturing object and check for ply-separation. Probe injury with *Tire Injury Measuring Tool* to determine size and angle of injury. **Injuries over 25° angle require 2 piece repair.**

**3. PREPARE INNER LINER SURFACE** - Clean area around puncture with BlackJack Rubber Buffer/Cleaner (Rb-125 or Rb-110). While the area is still moist, use a BlackJack Scraper (SC-392) to remove contaminating substances. This should be repeated two to three times.



**4. PREPARE INJURY CHANNEL** - Damaged rubber and cords should be removed from the injury by using a drill, with appropriate sized carbide cutter, BlackJack Carbide Cutter (Cc-032, 33, or 34) to ream puncture, from inside and outside of tire. This should be done 3-5 times both inside and out, on a low speed setting.

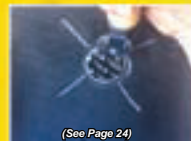
**5. CHOOSE CORRECT REPAIR UNIT** - For injuries beyond 25° angle, skip to step 6. For puncture up to 1/8" diameter, use BlackJack Patch Plug Combi Unit (CU-203). Center patch over injury and outline buffing area.



**6. 2 PIECE REPAIR, FOR INJURIES OVER 25° ANGLE ONLY** - Cement injury channel and completely fill injury from inside of tire with vulcanizing material, use BlackJack Chemical Cure Repair (RE-940) or BlackJack Lead Wire Insert (IN-906).

**7. BUFFING** - Buff area within marked outline with BlackJack Buffing Dome (BU-098 or BU-099). Buff to a "velvet" surface, making sure not to buff into inner butyl liner. Remove dust with vacuum.

**8. CEMENTING** - Apply BlackJack Cement (Ce-508) to buffed area and injury channel in a thin and even coat. Let cement dry completely. **Do not burn!** When using a wire insert, use a little more cement on the wire for lubricant.



**9. COMBI-UNIT APPLICATION** - Remove protective covering from patch plug combi unit and grip the rubber base of lead wire to pull lead wire through injury from inside of tire. Stitch down firmly. Cut off material flush to outside tread. Apply BlackJack Butyl Liner Top Coat (LR-528) over patch edges and buffed area.



**10. FINAL INSPECTION** - Inspect repair and remount tire, inflate to manufacturers recommended pressure.

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