



TIRE REPAIR & SUPPLIES

**2021
CATALOGUE**

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TIRE
STUDS

WHO IS NATCO

Natco Distributors Ltd. started in Winnipeg, Manitoba back in 1972, when Mike Topolnitsky, who was a full-time Winnipeg Transit bus driver took on a second job as a part-time distributor for National Rubber. Shortly thereafter National Rubber ceased to exist so Mike then became a distributor of the Pang-Truflex product line. In 1973 he realized that there was no tire repair products produced within the Canadian borders so it was at this time that he started to experiment with the idea of developing his own line of tire repairs.

With his home's basement and garage as his base of operations he first built and bought whatever equipment he anticipated he would need to create tire repairs. Once that was completed he set about developing his first repair unit. It took a lot of trial and error but finally he was satisfied with the finished product. And that was what he called the 32R Radial patch. Today the 32R is still one of the most popular items in Natco's catalogue.

This first repair garnered so much success amongst his client base that they encouraged him to add more sizes to his line of products. Again it took some time but slowly he did just that, until he had a complete line of passenger, truck, agricultural and earthmover repair units.

By the mid 1970's Mike left the Transit service and focused all his attention towards his manufacturing and door-to-door customer service. And by the early 1980's he moved his business operations out of his home and into a small shop / warehouse space in the Winnipeg North Perimeter area. It was at this time that he brought in a couple of his sons to help run the manufacturing part of the business.

With the continued success of his product line the small warehouse was no longer functioning so it was time to move to larger quarters. It was then that Mike moved the business into the Inkster Park Industrial Area. And in 1988 the company's name was changed from Natco Distributors Ltd. to Natco Manufacturers & Distributors Ltd. Now the main goal was to find independent distributors for the product line. With the continued help from Mike's sons, this task didn't take long, as there was interest from within Canada, along with parts of the United States and numerous countries Overseas. Now with established distributors under their belts, Mike and his business found that they had once again outgrown their manufacturing space and needed to bring in more employees.

Fast forward to 2011, once again the business' operating name was streamlined to Natco Manufacturing Ltd. And in 2014, Mike upgraded his space to a more dominate location in the Inkster Park Industrial Area. This new spacious facility provides more accessibility for his local clientele and has proven to be more user friendly for all Natco's shipping needs.

With the unexpected passing of Mike in July of 2016 his business was passed down to his children. Today, under their leadership Natco continues to provide a full line of premium tire repair products to all their distributors and their current goal is to further expand on their Global footprint.

NATCO THROUGH THE YEARS

1970'S THROUGH TO MID 1990'S



MID 1990'S THROUGH TO 2019



**Manufacturers of Premium
Tire Repair Supplies**

CURRENT DAY



TIRE PATCHES

RADIAL PLY

Radial patches are a reinforced one-piece unit using nylon cord and are bonded together using a heat process to prevent separation. Used for repairs to all sizes of passenger vehicles, truck, agricultural and earthmover tires. Can be applied to crown, shoulder and sidewall injuries.

This series are also available in Uncured (use Suffix "U"), and Cloth Back (use Suffix "CL") after the part number.

PART NO.	SIZE (inch)	SIZE (mm)	BOX QTY.
32R	2.5" x 1.5"	65 x 38	20
425R	3.5" x 2.5"	85 x 65	10
43R	4" x 3"	100 x 75	10
54R	5" x 4"	125 x 100	10
65R	6" x 5"	150 x 125	10
76R	7" x 6"	175 x 150	10
87R	8" x 7"	200 x 175	5
710RS	7" x 10"	175 x 250	5
811RS	8" x 11"	200 x 275	5
913RS	9" x 13"	225 x 325	5



PART NO.	SIZE (inch)	SIZE (mm)	BOX QTY.
N10	3" x 2"	75 x 60	20
N12	4" x 2.5"	100 x 65	10
N14	5" x 3"	125 x 75	10
N20	5" x 3"	125 x 75	10
N22	6.5" x 3"	165 x 75	10
N24	8.5" x 3"	215 x 75	10
N40	8" x 4"	200 x 100	10
N42	10" x 5"	250 x 125	10
N44	13" x 5"	325 x 125	10
N46	16.5" x 5.5"	420 x 140	1
N50	17.5" x 7.5"	440 x 190	1
N52	17.5" x 10"	440 x 250	1
N56	20" x 10"	510 x 250	1
N60	25" x 10"	625 x 250	1
N80	6" x 8"	150 x 200	5
N82	7" x 10"	175 x 250	5
N84	8" x 11"	200 x 275	5
N86	9" x 13"	225 x 325	5



UNIVERSAL

Universal repairs are non-reinforced for all bias and radial ply passenger car and truck tires. Have a feathered edge, are self vulcanizing and are bonded together as a one-piece repair unit using a heat process to eliminate the chance of separation.

PART NO.	SIZE (inch)	SIZE (mm)	BOX QTY.
UN1	2" x 2"	50 x 50	50
UN1T	2" x 2"	50 x 50	150
UN2	2.5" x 2.5"	65 x 65	50
UN2T	2.5" x 2.5"	65 x 65	100



TIRE PATCHES

BIAS PLY

Bias patches are reinforced with nylon cord and can be applied hot or cold. They have a feathered edge, are self vulcanizing and are bonded together as a one-piece repair unit using a heat process to prevent separation. This series is also available in Uncured (use Suffix "U"), and Cloth Back (use Suffix "CL") after the part number.

PART NO.	SIZE (inch)	SIZE (mm)	BOX QTY.
#1B	2"	50	30
#2B	3"	75	20
#3B	3.5"	85	10



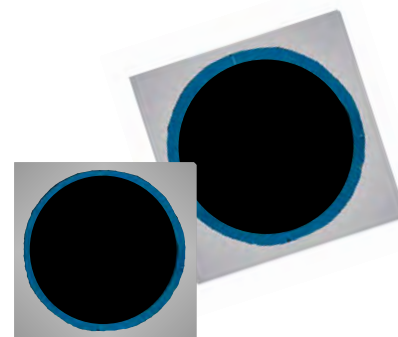
PART NO.	SIZE (inch)	SIZE (mm)	BOX QTY.
#4B	4" x 4"	100 x 100	10
#5B	5" x 5"	125 x 125	10
#6B	6" x 6"	150 x 150	10
#8B	8" x 8"	200 x 200	5
#10B	10" x 10"	250 x 250	5
#12B	12" x 12"	300 x 300	5
#14B	14" x 14"	350 x 350	5
#15B	15" x 15"	375 x 375	5
#17B	17" x 17"	425 x 425	5
#19B	19" x 19"	475 x 475	5



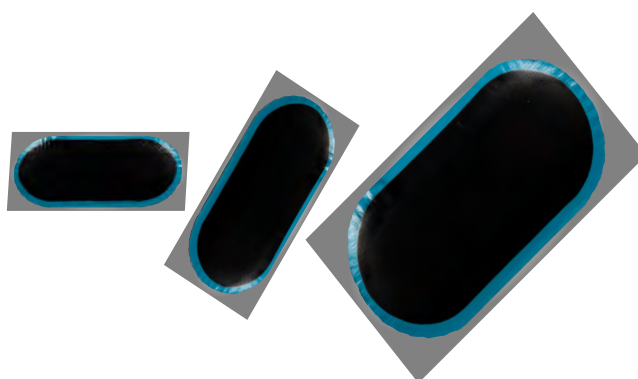
TUBE

Tube patches are for repairs to cycle, motorcycle, car, truck and tractor tubes. Have a feathered edge, are self vulcanizing and are bonded together as a one-piece repair unit using a heat process to reduce the chance of separation.

PART NO.	SIZE (inch)	SIZE (mm)	BOX QTY.
101	1.5"	38	60
102	2"	50	45
103	3"	75	30
104	4"	100	25
105	5"	125	20
106	6"	150	15



PART NO.	SIZE (inch)	SIZE (mm)	BOX QTY.
107	1.5" x 3"	38 x 75	45
108	2" x 4"	50 x 100	35
109	3" x 6"	75 x 150	20
110	2.5" x 10"	65 x 250	10
111	4" x 8"	100 x 200	12
112	5" x 10"	125 x 250	10



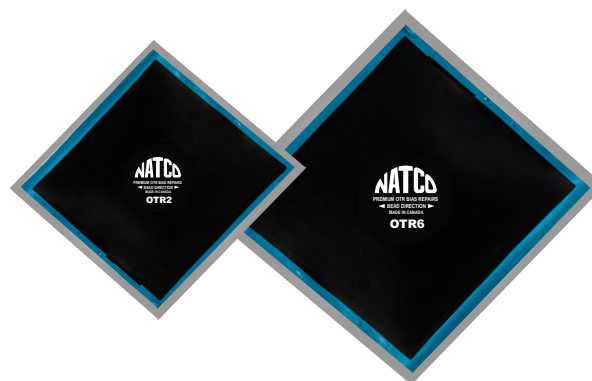
TIRE PATCHES

OTR BIAS PLY

OTR bias patches are a reinforced one -piece unit using nylon cord and are bonded together using a heat process to prevent separation. May be applied hot or cold.

Also available in Uncured (use Suffix "U"), and Cloth Back (use Suffix "CL") after the part number.

PART NO.	SIZE (inch)	SIZE (mm)	BOX QTY.
OTR1	6" x 6"	150 x 150	10
OTR2	8" x 8"	200 x 200	5
OTR3	10" x 10"	250 x 250	5
OTR4	12" x 12"	300 x 300	5
OTR6	14" x 14"	350 x 350	4
OTR7	16" x 16"	400 x 400	3
OTR8	18" x 18"	450 x 450	1
OTR9	20" x 20"	500 x 500	1



INDUSTRY STANDARD NON REPAIRABLE CONDITIONS

NON-REPAIRABLE CONDITIONS+

Prior to repairing any tire, a careful inspection should be conducted using a grazing light method on both the inside and outside of the tire. According to the "Industry Standards for Tire Repairing", any tire exhibiting the following conditions should not be accepted for repair.

EXTERNAL EXAMINATION OF TIRE:

- ** Exposed cords beyond repairable limits
- ** Separations beyond repairable limits
- ** Broken belts
- ** Excessive oxidation (weather checking) extending to the body plies
- ** Damage which exceeds the size of a repairable injury or requires the repairs to overlap in radial tires or that are in the same quadrant in bias tires
- ** Broken or kinked beads
- ** Damaged bead exposing bead wire
- ** Injuries beyond the repairable limits
- ** Tire with less than 2/32" (2mm) nonskid remaining unless retreading is planned. (Some provinces may require a thicker tread for a tire to remain in service.)
- ** Previously installed repairs found to be defective and unrepairable
- ** Radial tires with rust or corrosion beyond repairable limits

INTERNAL EXAMINATION OF TIRE

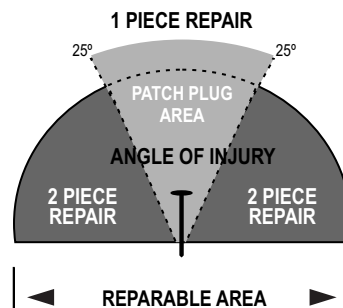
- ** Injuries beyond repairable limits
- ** Porous or loose liners
- ** Open liner splices beyond repairable limits
- ** Loose cords on the inside ply or evidence of having been run under-inflated or overloaded
- ** Injury to the ply cord beyond repairable limits

COMBINATION REPAIR UNITS

PUNCTURE REPARABLE AREA

Combination repair units fulfill the industry recommended repair requirements of “filling the injury” and “patching the innerliner” for a one-piece repair system. Use these repairs when the injury angle is less than 25 degrees.

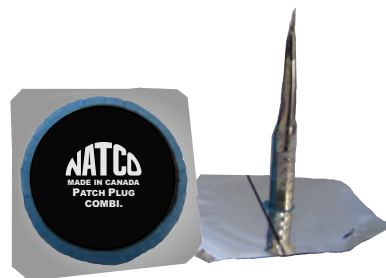
For proper installation procedures refer to Page .



ONE-PIECE CONSTRUCTION

Thess combination repairs are constructed as a complete one-piece unit using a special procedure where the patch and the plug are bonded together using a one step heat process. They are self vulcanizing and are designed to fill and seal the injury in bias and radial ply tires.

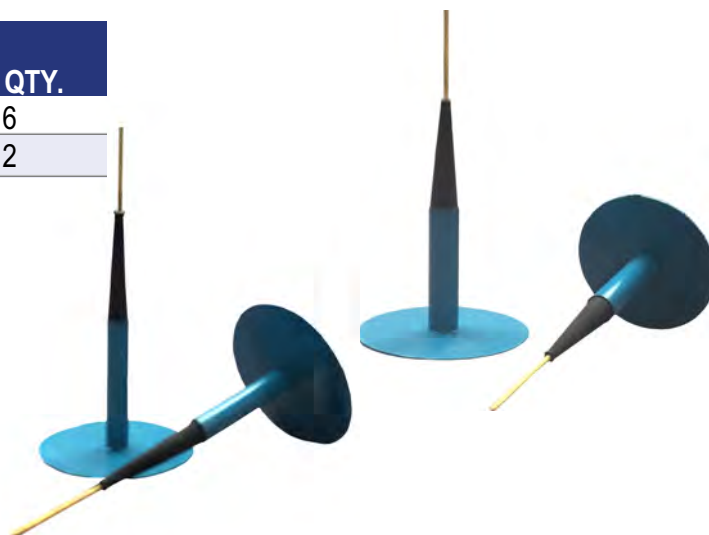
PART NO.	PATCH SIZE INCH (mm)	STEM SIZE INCH (mm)	BOX QTY.
NPP81	2" (50)	3/16" (4.76)	15
NPP81A	2" (50)	1/4" (6.35)	15
NPP82	2" (50)	5/16" (7.94)	12



LEAD-WIRE - DIPPED

Lead-wire combination repairs are for use in radial and bias ply tires. They are designed for chemical or heat vulcanization. Patch portion has vulcanizing gum with poly backing, and stem portion is dipped with premium vulcanizing gum.

PART NO.	PATCH SIZE INCH (mm)	STEM SIZE INCH (mm)	BOX QTY.
673D	2" (50)	1/4" (6.35)	16
674D	2.5 (63)	5/16" (7.94)	12

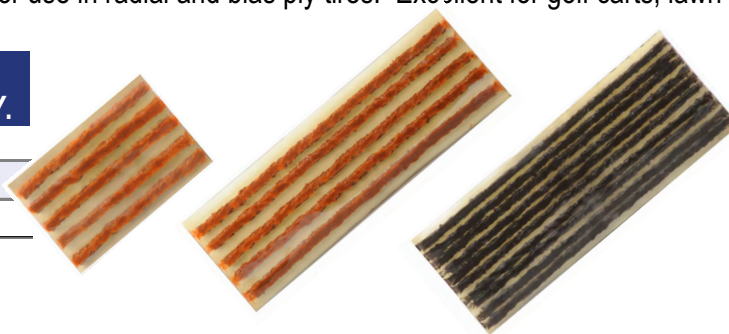


INSERTS

STRING-TYPE INSERTS

String type inserts are an excellent emergency repair when a full service repair facility is unavailable. Made of a butyl rubber, these inserts are very strong, allowing for easy insertion. For use in radial and bias ply tires. Excellent for golf carts, lawn mowers, and ATV's and other off-road tires.

PART NO.	LENGTH	COLOR	BOX QTY.
	INCH (mm)		
512-50	4" (100)	Brown	50
362	8" (200)	Brown	25
370	7.25" (184)	Black	50



RUBBER LEAD-WIRE INSERTS

Lead-wire inserts are for use in radial and bias ply tires. They are designed for chemical or heat vulcanization. No special insertion tools are required.

PART NO.	DIAMETER INCH (mm)	CARBIDE CUTTER P/N	BOX QTY.
NP6	1/4" (6mm)	606	20
NP8	5/16" (7.94mm)	607	20



PROPER TIRE EXAMINATION PROCEDURES

EXTERNAL EXAMINATION

1. Carefully remove the wheel from the vehicle following industry recommended practices.
2. Inflate the tire to the manufacturers recommended operating pressure (found on the sidewall of the tire).
3. Immerse the tire in a test tank to find the damaging leak. In some cases there may be a high pressure leak (one which has its greatest effect when under the full load of the vehicle) and it may be necessary to use leak detector to find the damaging object. Be certain to inspect for the possibility of more than one leak.
4. Review the non-repairable external conditions above. If the tire has been determined to be repairable, mark the location of the injury on the outside of the tire using a tire marking crayon. If you have any doubts as to the repairability of the tire, do not proceed with the repair.

INTERNAL EXAMINATION

1. Demount the tire from the wheel and place it on the floor in front of you.
2. Review the non-repairable external conditions above. If the tire has been determined to be repairable, mark the location of the injury on the inside of the tire using a tire marking crayon.
3. Remove the object causing the injury and carefully probe the injury to make sure it is 1/4" or less in diameter in passenger tires and 3/8" or less in light and medium truck tires. If these limits are exceeded, take the tire to a full service repair facility to be considered for section repair.
4. Using a probe, push it into the injury from the outside of the tire until the probe extends 1/4" through the innerliner. Be careful not to create a new hole.
5. With the probe extending through the injury channel and the injury at the 12 o'clock position, place the Patch-Plug Gauge across the tread next to the probe, with the center of the gauge placed at the center point of the injury.
6. If the shaft of the probe is within the gray area (25° or less), a one-piece repair may be used (patch-plug combination unit).
7. If the shaft of the probe is within the red area (greater than 25°), a two-piece repair is required (separate repair unit and insert).
8. Place the tire on a spreader with the injury in the 4 or 8 o'clock position. Do NOT spread the beads too far, as this will distort the final repair.

PROPER ONE-PIECE REPAIR PROCEDURE

INJURY PREPARATION

1. Once the size of the injury has been determined, select the appropriate repair material based on the size of the injury and the type of tire being repaired. Center the patch head over the injury on the inside of the tire and outline an area 1/4" larger than the patch to define the repair area.
2. Using pre-buff rubber cleaner and an inner-liner scraper, thoroughly clean the outlined area, removing all mold lubricants, dirt and debris.
3. Using a low speed buffer operating at no more than 5,000 rpm, buff the outlined area to an even, velvety textured finish. Be careful not to buff through the inner-liner and expose the cord body plies of the tire.
4. Using a 500 rpm low speed air drill and the appropriate carbide cutter, clear and prepare the injury channel by drilling it 3 times from the inside of the tire and then 3 times from the outside of the tire. This will clear away any damaged cables and prepares the injury channel to receive the vulcanizing insert (stem portion of the repair unit). Vacuum away any buffing debris.
5. Using a cement dipped probe, coat the wall of the injury channel with chemical vulcanizing cement. using the brush applicator, apply cement to the prepared area of the innerliner in a stippling motion being careful not to puddle the cement. Allow the cement to dry thoroughly before installing the repair unit.

REPAIR UNIT APPLICATION

6. Relax the tire beads to their normal position. Remove the protective covering from the patch head and stem portions of the repair unit being careful not to touch the gum surfaces of the patch or stem.
7. Place a drop of cement at the leading edge of the stem portion of the repair unit being careful not to puddle. This lubricates the repair unit as it is pulled through the injury channel.
8. Insert the lead wire into the injury channel from the inside of the tire and pull it from the outside of the tire with a pair of pliers. Pull the repair unit steadily from the outside of the tire until the patch head is seated. Do not dimple the patch head by pulling too far.
9. Using a roller stitcher, stitch the patch down firmly to the inner-liner by working from the center outward making sure to remove all trapped air.
10. Keeping the stem in a relaxed position, cut the stem about 1/8" above the tread surface of the tire. Do not pull the stem while cutting.

FINISHING THE REPAIR

11. Remount and inflate the tire following industry recommended procedures.
12. Carefully inspect the repair for leaks and the tire for additional leaks or damage using the tire manufacturer or RMA guidelines. If all inspection criteria are met and no leaks are detected, the tire is ready to be put back into service.

PROPER TWO-PIECE REPAIR PROCEDURE

INJURY PREPARATION

1. Once the size of the injury has been determined, select the appropriate repair material based on the size of the injury and the type of tire being repaired.
2. Using a 500 rpm low speed air drill and the appropriate carbide cutter, clear and prepare the injury channel by drilling it 3 times from the inside of the tire and then 3 times from the outside of the tire. This will clear away any damaged cables and prepares the injury channel to receive the vulcanizing insert. Vacuum away any buffing debris.
3. Using a cement dipped probe, coat the wall of the injury channel with chemical vulcanizing cement and allow the cement to dry thoroughly.

INSTALLING THE VULCANIZING INSERT

4. Place a drop of cement on the leading edge of the lead wire insert.
5. Insert the lead-wire into the injury channel from the inside of the tire and pull it from the outside of the tire with a pair of pliers until the body of the insert is centered in the injury channel.
6. Using a flexible skiving knife, cut the insert just above the inner liner of the tire.

INSTALLING THE REPAIR UNIT

7. Center the repair unit over the injury on the inside of the tire and outline an area 1/4" larger than the patch to define the repair area.
8. Using pre-buff rubber cleaner and an inner liner scraper, thoroughly clean the outlined area, removing all mold lubricants, dirt and debris.
9. Using a low speed buffer at no more than 5,000 rpm, buff the outlined area to an even, velvety textured finish. Be careful not to buff through the inner-liner and expose the cord body plies of the tire. Vacuum away any buffing debris.
10. Using the brush applicator in a stippling motion, apply chemical vulcanizing cement to the prepared area of the inner liner being careful not to puddle the cement. Allow the cement to dry thoroughly before installing the repair unit.
11. Relax the tire beads to their normal position. Remove the protective backing from the repair unit being careful not to touch the gum surface.
12. Place it on the inner liner centered over the insert.
13. Using a roller stitcher, stitch the repair unit down firmly to the tire inner liner by working from the center outward making sure to remove all trapped air.

FINISHING THE REPAIR

14. Keeping the lead-wire insert in a relaxed position, cut the stem about 1/8" above the tread surface of the tire. Do not pull the stem while cutting.
15. Remount and inflate the tire following industry recommended procedures.
16. Carefully inspect the repair for leaks and the tire for additional leaks or damage using the tire manufacturer or RMA guidelines. If all inspection criteria are met and no leaks are detected, the tire is ready to be put back into service.

CLEANERS, LUBRICANTS. OILS & LEAK DETECTOR

PRE-BUFF - BUFFING SOLUTION

For removing dirt, debris and mold lubricants from the tire prior to buffing.

PART NO.	SIZE	FORMULA	CASE QTY.
NRB1	32 oz. (945ml)	Non-Flammable	18
SB20	20 oz. Aerosol	Non-Flammable	12



ULTRA-SLICK BEAD LUBE

Our Ultra-Slick Bead Lube is a premium rubber lubricant that contains no soaps or petroleum products. Concentrated, mixes easily, will not separate. Leaves no residue and will not rust rims. Can be used on cars, trucks, motorcycles, off-road vehicles, go-karts, and ATV's.

PART NO.	SIZE	FORMULA	CASE QTY.
NL1	1 Gallon (3.8L)	Concentrate	4
NL5	5 Gallon (19L)	Concentrate	1



AIR-TOOL OIL / ANTIFREEZE

For keeping all your tools running smoothly in any temperature.

PART NO.	SIZE	FORMULA	CASE QTY.
ATO1	32 oz. (945ml)	Ready To Use	12
KIL1	32 oz. (945ml)	Ready To Use	12



JACK OIL

For keeping all your jacks running smoothly.

PART NO.	SIZE	FORMULA	CASE QTY.
OJB1	32 oz. (945ml)	Ready To Use	12



LEAK DETECTOR

For locating leaks in all types of tires. Contains the highest quality of ingredients.

PART NO.	SIZE	FORMULA	CASE QTY.
LFP32	32 oz. (945ml)	Concentrate	12
LFP128	1 Gallon (3.8L)	Concentrate	12



ADHESIVES & SEALERS

FAST-DRY ADHESIVE

Our vulcanizing cement is our most popular fast-dry cement. For chemical or heat vulcanization. For use with any Natco repair unit or insert.

PART NO.	SIZE	FORMULA	CASE QTY.
NC8	8 oz. (236ml)	Flammable	24
NC32	32 oz. (945ml)	Flammable	12



SUPER BLUE ADHESIVE

Super Blue vulcanizing cement contains more rubber solids than our fast-dry cement for a stronger bond. For chemical or heat vulcanization. For use with any Natco repair unit or insert.

PART NO.	SIZE	FORMULA	CASE QTY.
NC8B	8 oz. (236ml)	Flammable	24
NC32B	32 oz. (945ml)	Flammable	12



BEAD SEALER

For sealing small air leaks between the tire bead and the wheel.

PART NO.	SIZE	FORMULA	CASE QTY.
BS16	16 oz. (472ml)	Non-Flammable	
BS32	32 oz. (945ml)	Non-Flammable	12



INNER LINER REPAIR SEAL

For sealing the over-buff area around a finished repair

PART NO.	SIZE	FORMULA	CASE QTY.
RS16	16 oz. (472ml)	Non-Flammable	
RS32	32 oz. (945ml)	Non-Flammable	12
RS128	1 Gallon (3.8L)	Non-Flammable	4



MOUNTING/DEMOUNTING PASTES & GREASE

MOUNTING/DEMOUNTING PASTES

To prevent damage to tire beads, always use a quality Mounting and Demounting Compound. We offer an industry leading selection for the tire service professional.

PART NO.	SIZE	FORMULA	CASE QTY.
725NH	25 lb. (11.36kg)	Natco Label	1
725	25 lb. (11.36kg)	Murphy's	1



EURO PASTE

Designed for alloy wheels, low profile and run flat tires. Extra slippery to help mount tires with stiff beads. Great for all-terrain and large commercial tires. Prevents leaks in tubeless tires. Contains a rust inhibitor to help fight rim rust. No water, no mixing required, Non toxic.

PART NO.	SIZE	FORMULA	CASE QTY.
848	8 lb. (3.64kg)	Natco Label	4
848M	8 lb. (3.64kg)	Murphy's	4



NO RIM RUST

Recommended for use on the mounting / de-mounting of steel and aluminum wheels. Fortified with rust inhibitors. Will not harden.

PART NO.	SIZE	FORMULA	CASE QTY.
749	25 lb. (11.36kg)	Natco Label	1



APPLICATORS

PART NO.	SIZE	DESCRIPTION
378L	15" (381mm)	Cotton Tire Swab
711	1" Diameter	Euro-Paste Brush
712	1.5" Diameter	Euro-Paste Brush



NEEDLES & REAMERS / PROBES

OPEN-EYE NEEDLES

PART NO.	DESCRIPTION
212	Pistol-Grip Open Eye Needle

SPLIT-EYE NEEDLES

PART NO.	DESCRIPTION
216	Pistol-Grip Split Eye Needle
217	Chrome T-Handle Split Eye Needle
307	Pistol-Grip Split Eye Needle, Replaceable

REPLACEMENT NEEDLES

PART NO.	DESCRIPTION
212R	Open-Eye Needle for 212
217R	Split-Eye Needle for 217
307TR	Split-Eye Needle for 307

SPIRAL REAMERS

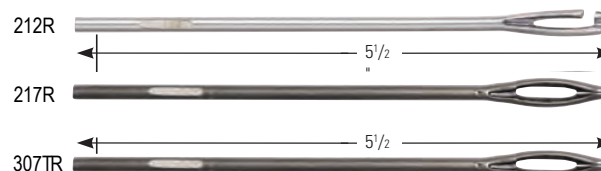
PART NO.	DESCRIPTION
204	Pistol-Grip Reamer
211	Pistol-Grip 2 Stage Reamer
218CP	Die-Cast T-Handle Reamer
8416	Heavy Duty Tire Reamer

STICKLE BACK PROBES

PART NO.	DESCRIPTION
303S	Stickle Back Tire Probe

REAMER REPLACEMENT PARTS

PART NO.	DESCRIPTION
211R	Replacement Reamer for 211
218H	Replacement Handle for 218CP
218R	Replacement Reamer for 218CP



BRUSHES & KNIVES

BRUSHES

PART NO.	DESCRIPTION
301	Small Sidewall Tire Brush
301A	Large Sidewall Tire Brush
309	Multi Purpose Rim Brush
309R	Replacement Brush for 309
4RB	Rim Hole Brush, 1/2"



SKIVING KNIVES

PART NO.	DESCRIPTION
X2RF	Flexible Skiving Knife, 4" Blade
X2T	Tapered Skiving Knife, 4" Blade



STITCHERS & SCRAPERS

STITCHERS

PART NO.	DESCRIPTION
314-1	3/16" x 1.5" Wood Handle Stitcher
314-3	1/8" x 1.5" Wood Handle Stitcher



SCRAPERS

PART NO.	DESCRIPTION
315	Blade Style Inner Liner Scraper
315B	Replacement Blade for 315
315H	Hoe Style Inner Liner Scraper



PAINTSTICKS & HOLDERS

PART NO.	DESCRIPTION
BT1B	Blue Markal Paintstick
BT1G-FLUO	Fluorescent Green Markal Paintstick
BT1O	Orange Markal Paintstick
BT1P	Pink Markal Paintstick
BT1R	Red Markal Paintstick
BT1W	White Markal Paintstick
BT1Y	Yellow Markal Paintstick
H102	Paintstick Holder for BT series Paintsticks



PASSENGER & LIGHT TRUCK VALVES

All our tire valves are of the highest quality and meet or exceed North American Industry Standards (TUV / ISO Certified).

TUBELESS SNAP-IN VALVES

APPLICATION: 65 psi maximum cold inflation pressure and maximum rim thickness of 0.156".

NOTE: H, V, W, Y and Z speed rated tires require a metal bolt-in style valve.

PART NO.	MATERIAL	LENGTH (inch)	HOLE SIZE (inch)	PKG QTY.	CASE QTY.
TR412	EPDM Rubber	0.88"	.453"	100	1,000
TR413	EPDM Rubber	1.25"	.453"	100	1,000
TR414	EPDM Rubber	1.50"	.453"	100	1,000
TR415	EPDM Rubber	1.25"	.625"	100	1,000
TR418	EPDM Rubber	2.00"	.453"	100	1,000
TR423	EPDM Rubber	2.50"	.453"	100	1,000
TR425	EPDM Rubber	2.00"	.625"	100	1,000



HIGH PRESSURE SNAP-IN VALVES

APPLICATION:

600 Series = 100 psi max cold inflation pressure and max rim thickness of 0.205".

800 Series = 100 psi max cold inflation pressure and max rim thickness of 0.205".

NOTE: H, V, W, Y and Z speed rated tires require a metal bolt-in style valve.
65 psi max cold inflation pressure and max rim thickness of 0.156".

PART NO.	MATERIAL	LENGTH (inch)	HOLE SIZE (inch)	PKG QTY.	CASE QTY.
TR600HP	Brass / Rubber	1.27"	.453"	100	1,000
TR602HP	Brass / Rubber	2.00"	.453"	100	1,000
TR801HP	Brass / Rubber	1.31"	.625"	100	1,000
TR802HP	Brass / Rubber	2.00"	.625"	100	1,000



TUBE-TYPE REPLACEMENT VALVES

APPLICATION: 65 psi max cold inflation pressure and max rim thickness of 0.156"

PART NO.	MATERIAL	LENGTH (inch)	HOLE SIZE (inch)	PKG QTY.	CASE QTY.
13R	EPDM Rubber	1.25"	.453"	1	50
15R	EPDM Rubber	1.25"	.625"	1	50



BOLT-IN VALVES - FLUSH MOUNT

APPLICATION FOR TR416 and TR416L:

Recommended torque at installation: 25-45 in-lbs.

PART NO.	MATERIAL	HEIGHT (inch)	LENGTH (inch)	ANGLE °	HOLE SIZE (inch)	PKG QTY.
TR416	Nickel Plated Brass	1.44"	-	-	.453" / .625"	50
TR416L	Nickel Plated Brass	2.25"	-	-	.453" / .625"	50
TR417	Brass, for Cadillac	0.38"	2.50"	70°	.453"	50
559	Chrome Plated Brass	1.00"	-	-	.453" / .625"	50



PASSENGER & LIGHT TRUCK VALVES

CHROME VALVES - INNER MOUNT

PART NO.	MATERIAL	HEIGHT (inch)	LENGTH (inch)	ANGLE °	HOLE SIZE (inch)	PKG QTY.
560	Chrome Plated Brass	0.75"	-	-	.453"	50
560A	Chrome Plated Brass	1.25"	-	-	.453"	50
560L	Chrome Plated Brass	1.75"	-	-	.453"	50
561	Chrome Plated Brass	0.25"	1.00"	45°	.453"	50
562	Chrome Plated Brass	0.75"	1.13"	90°	.453"	50



BOLT-IN VALVES FOR FORD TRUCKS

APPLICATION: For Ford "F" Series Trucks with 16" Dual Wheels
Recommended torque at installation: 25-45 in-lbs.

PART NO.	MATERIAL	LENGTH (inch)	HOLE SIZE (inch)	PKG QTY.	CASE QTY.
TR428	Chrome Plated Brass	1.50"	.453"	50	250
TR429	Brass	2.25"	.453"	50	250



MOTORCYCLE VALVES

APPLICATION: Maximum air pressure 200 psi.
Recommended torque at installation: 25-45 in-lbs.

PART NO.	STYLE	LENGTH (inch)	HOLE SIZE (inch)	PKG QTY.	CASE QTY.
430	Clamp-In Valve	1-3/16"	.327"	10	100



VALVE REPLACEMENT PARTS

PASSENGER / LIGHT TRUCK

PART NO.	DESCRIPTION	PKG QTY.
494T	Chrome Sleeve for TR414	50
495	Short Chrome Sleeve for TR413, TR414	50
495L	Long Bell Chrome Sleeve for TR413	50
495-12	Chrome Bell Sleeve for TR412	50
495-18	Chrome Sleeve for TR418	50
546	Small Grommet for TR416, TR428, TR429	50
546L	Large Grommet for TR416	50



HEAVY TRUCK VALVES

RADIAL COMMANDER VALVES

PART NO.	MATERIAL	HEIGHT (inch)	LENGTH (inch)	ANGLE	HOLE SIZE (inch)	PKG QTY.	CASE QTY.
TR500A	Brass	1.13"	0.87"	23°	.625"	50	250
TR500B	Brass	1.13"	0.87"	21°	.625"	50	250



TR500A

TR500B

HIGH TEMPERATURE VALVE FOR WASTE HAULERS

APPLICATION: For steel wheels with 0.625" valve hole;
Recommended torque at installation: 35-55 in-lbs.

PART NO.	MATERIAL	HEIGHT (inch)	LENGTH (inch)	ANGLE °	HOLE SIZE (inch)	PKG QTY.	CASE QTY.
TR573A	Brass	4.38"	-	-	.625"	50	250



NICKEL PLATED BRASS VALVES WITH O-RINGS

APPLICATION: For aluminum wheels with 9.7mm valve hole and rim thickness of .218"-.330" at valve hole.
Recommended torque at installation: 80-125 in-lbs.

PART NO.	MATERIAL	HEIGHT (inch)	LENGTH (inch)	ANGLE °	HOLE SIZE (mm)	PKG QTY.	CASE QTY.
TR542	Nickel Plated	1.26"	-	-	9.7mm	50	250
TR543	Nickel Plated	2.31"	-	-	9.7mm	50	250
TR543C	Nickel Plated	0.93"	1.38"	45°	9.7mm	50	250
TR543D	Nickel Plated	0.98"	1.38"	60°	9.7mm	50	250
TR543E	Nickel Plated	0.98"	1.38"	75°	9.7mm	50	250
TR544	Nickel Plated	2.86"	-	-	9.7mm	50	250
TR544C	Nickel Plated	0.98"	1.94"	45°	9.7mm	50	250
TR544D	Nickel Plated	0.98"	1.94"	60°	9.7mm	50	250
TR545	Nickel Plated	3.50"	-	-	9.7mm	50	250
TR545D	Nickel Plated	0.98"	2.60"	60°	9.7mm	50	250
TR545E	Nickel Plated	0.98"	2.60"	75°	9.7mm	50	250
TR546	Nickel Plated	4.27"	-	-	9.7mm	50	250
TR546D	Nickel Plated	0.98"	3.35"	60°	9.7mm	50	250
TR546E	Nickel Plated	0.98"	3.35"	75°	9.7mm	50	250
TR547D	Nickel Plated	0.98"	3.78"	60°	9.7mm	50	250



TR543C

TR543E



TR542

TR543

TR544

TR545

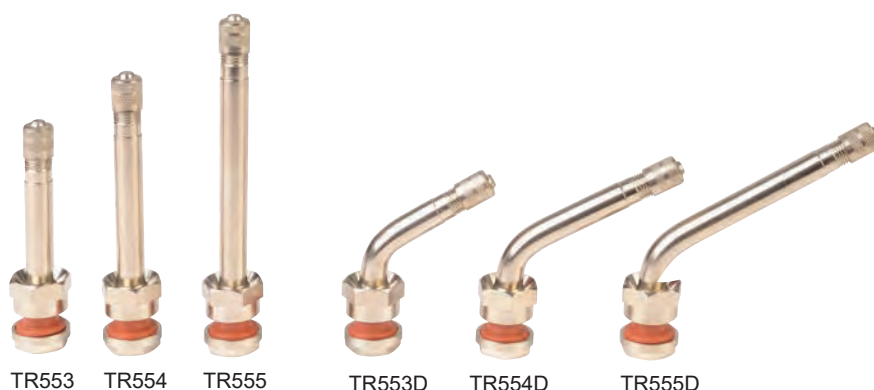
HEAVY TRUCK VALVES

NICKEL PLATED BRASS VALVES WITH GROMMETS

APPLICATION: For aluminum wheels with 9.7mm valve hole and rim thickness of .218"-.330" at valve hole.

Recommended torque at installation: 80-125 in-lbs.

PART NO.	MATERIAL	HEIGHT (inch)	LENGTH (inch)	ANGLE °	HOLE SIZE (mm)	PKG QTY.	CASE QTY.
TR552	Nickel Plated	1.26"	-	-	9.7mm	50	250
TR553	Nickel Plated	2.31"	-	-	9.7mm	50	250
TR553C	Nickel Plated	0.93"	1.38"	45°	9.7mm	50	250
TR553D	Nickel Plated	1.98"	1.38"	60°	9.7mm	50	250
TR553E	Nickel Plated	0.98"	1.38"	75°	9.7mm	50	250
TR554	Nickel Plated	2.86"	-	-	9.7mm	50	250
TR554C	Nickel Plated	0.98"	1.94"	45°	9.7mm	50	250
TR554D	Nickel Plated	0.98"	1.94"	60°	9.7mm	50	250
TR555	Nickel Plated	3.50"	-	-	9.7mm	50	250
TR555D	Nickel Plated	0.98"	2.60"	60°	9.7mm	50	250
TR555E	Nickel Plated	0.98"	2.60"	75°	9.7mm	50	250
TR556	Nickel Plated	4.27"	-	-	9.7mm	50	250
TR556D	Nickel Plated	0.98"	3.35"	60°	9.7mm	50	250
TR556E	Nickel Plated	0.98"	3.35"	75°	9.7mm	50	250
TR557D	Nickel Plated	0.98"	3.78"	60°	9.7mm	50	250



SCREW-ON VALVES

APPLICATION: For truck and bus tube-type tire.

Screws onto a tube spud with .482"-26 threads.

PART NO.	MATERIAL	HEIGHT (inch)	LENGTH (inch)	ANGLE °	HOLE SIZE (inch)	PKG QTY.
1075A	Brass	0.88"	3.00"	88°	.625"	1
1078A	Brass	0.88"	5.00"	88°	.625"	1
1175A	Brass	0.88"	4.50"	88°	.625"	1



HEAVY TRUCK VALVES

BRASS VALVES - METRIC

APPLICATION: For aluminum wheels with 9.7mm (0.382"/0.394") valve hole and rim thickness of .218"-.330" at valve hole.
Recommended torque at installation: 80-125 in-lbs.

PART NO.	MATERIAL	HEIGHT (inch)	LENGTH (inch)	ANGLE °	HOLE SIZE (inch)	PKG QTY.
V3-20-1	Brass	1.38"	-	-	9.7mm	50
V3-20-4	Brass	1.00"	2.38"	27°	9.7mm	50
V3-20-5	Brass	1.00"	1.56"	27°	9.7mm	50
V3-20-6	Brass	1.00"	3.38"	27°	9.7mm	50
V3-20-7	Brass	1.00"	2.00"	27°	9.7mm	50



BRASS VALVES

APPLICATION: For steel wheels with 0.625" valve hole;
Recommended torque at installation: 35-55 in-lbs.

PART NO.	MATERIAL	HEIGHT (inch)	LENGTH (inch)	ANGLE °	HOLE SIZE (inch)	PKG QTY.
TR500	Brass	2.00"	-	-	.625"	50
TR501	Brass	1.50"	-	-	.625"	50
TR570	Brass	3.13"	-	-	.625"	50
TR570C	Brass	1.38"	1.88"	90°	.625"	50
TR571	Brass	3.38"	-	-	.625"	50
TR572	Brass	3.75"	-	-	.625"	50
TR572-27	Brass	1.38"	2.37"	27°	.625"	50
TR572-31	Brass	1.38"	2.37"	31°	.625"	50
TR573	Brass	4.38"	-	-	.625"	50
TR574	Brass	5.00"	-	-	.625"	50
TR575	Brass	1.13"	-	-	.625"	50
VS902VL	Brass	150"	-	-	Oval	50



HEAVY TRUCK VALVES

NICKEL PLATED BRASS VALVES

APPLICATION: For aluminum wheels with 0.625" valve hole;
Recommended torque at installation: 100-125 in-lbs.

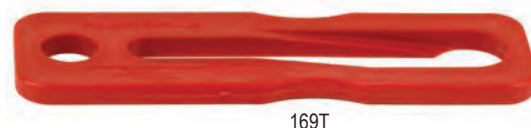
PART NO.	MATERIAL	HEIGHT (inch)	LENGTH (inch)	ANGLE °	HOLE SIZE (inch)	PKG QTY.	CASE QTY.
TR509	Nickel Plated	0.45"	4.75"	90°	.625"	50	250
TR510	Nickel Plated	0.45"	5.50"	90°	.625"	50	250
TR511	Nickel Plated	0.45"	4.25"	90°	.625"	50	250



VALVE REPLACEMENT PARTS

HEAVY TRUCK

PART NO.	DESCRIPTION	PKG QTY.
558	Grommet for TR550 Series	50
577	EPDM Grommet for TR500 Series	100
578	EPDM Grommet for TR509 Series	100
169T	Grommet Removal Tool for Truck Valves	1



SUPER LARGE BORE

CORE HOUSINGS AND TUBELESS SPUD

APPLICATION: For truck and bus tube-type tire.
Screws onto a tube spud with .482"-26 threads.

PART NUMBER	DESCRIPTION	PKG. QTY.
CH8	SLB Core Housing with Cap	5
CH16	SLB Core Housing	5
SP8	SLB Clamp-In Tubeless Spud	5



AGRICULTURAL VALVES

TUBE-TYPE AIR / LIQUID VALVES

PART NUMBER	DESCRIPTION	PKG. QTY.
218A-M	3.25" Base with Core Housing	1



218A-M

AIR / LIQUID VALVES

RECOMMENDED TORQUE AT INSTALLATION:

45 - 75 ins-lbs.

PART NUMBER	DESCRIPTION	LENGTH (inch)	ANGLE °	HOLE SIZE (INCH)	PKG. QTY.
618A	Tubeless	2"	-	0.625"	10
618AR	Snap-In Tubeless	2"	-	0.625"	10
621A	Tubeless	3"	65°	0.625"	10
622A	Tubeless	5"	90°	0.625"	10
623A	Tubeless	2"	65°	0.625"	10



TRACTOR FRONT WHEEL VALVE

PART NUMBER	MATERIAL	LENGTH (inch)	PKG. QTY.
VS936BR	Brass	9/16"	10
VS936S	Chrome	9/16"	10



Includes grommets to fit both 0.453" and 0.625" valve holes.



TANK VALVES

PART NUMBER	DESCRIPTION	DIAMETER (inch)	PKG. QTY.
02500	NPT, Nickel Plated, Long	1/8"	10
593	NPT, Brass	1/8"	10
594	NPT, Brass	1/4"	10



VALVE REPLACEMENT PARTS & ACCESSORIES

PART NUMBER	DESCRIPTION	PKG. QTY.
RG-7	Grommet for 618A Series	10
VS902P	5/8" Rim Hole Plug	10
466	Air/Water Adapter Set (3 pcs)	1
584	Nylon Rim Nut	50
588	Valve Hole Reducer Bushing	100
6489	Core Housing, Old Style	10
6489A	Core Housing, New Style	10
6489S	Core Housing, Short	10
8771	Brass Rim Nut	25



LARGE BORE VALVES

SINGLE BEND SWIVEL VALVES

PART NUMBER	HEIGHT (inch)	LENGTH (inch)	ANGLE °	PKG. QTY.
J4004	1-5/64"	4"	90°	1
J4006	1-5/64"	6"	90°	1
J4009	1-5/64"	9"	90°	1
J650	1-5/64"	3-1/8"	80°	1
J669	1-5/64"	2-1/2"	90°	1



STRAIGHT VALVE & TUBELESS SPUD

PART NUMBER	DESCRIPTION	LENGTH (INCH)	PKG. QTY.
J670	Straight Valve	1-1/2"	1
SP2	Tubeless Spud (13/16" Rim Hole)	11/16"	1



AIR CHUCKS AND GAUGES

PART NUMBER	DESCRIPTION	PKG. QTY.
294	Clip-On Air Chuck	1
8914L	Lock-On Air Chuck (Long) with 1/4" NPT Female Threads	1
9038	Clip-On Air Chuck with 1/4" NPT Female Threads	1
EX-1255P	Swivel Gauge, 10-150 psi.	1



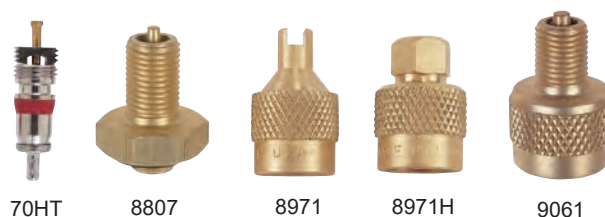
VALVE TOOLS

PART NUMBER	DESCRIPTION	PKG. QTY.
5270	4-Way Valve Tool	1
6108J	Tube Deflator / Aspirator	1
EX-355	OTR Tread Depth Gauge	1



CORES, CAPS & REDUCERS

PART NUMBER	DESCRIPTION	PKG. QTY.
70HT	Valve Core, Short	10
8807	Nut Style L/B to Standard Bore Reducer	10
8971	Screwdriver Style Valve Cap	10
8971H	Hex Head Valve Cap	10
9061	Cap Style L/B to Standard Bore Reducer	10



VALVE ACCESSORIES — CAPS & CORES

TPMS CAPS & CORES

PART NUMBER	DESCRIPTION	PKG. QTY.
490T	TPMS Nickel Plated Valve Core, Red	100
492L-1	Long Skirted Black Plastic Cap with Seal	100
492T-1	Gray Plastic Cap with Seal	100
492LG-1	Long Skirted Green Plastic Cap with Seal	100



TPMS COMPATIBLE CAPS & CORES

PART NUMBER	DESCRIPTION	PKG. QTY.
492	Black Plastic Cap	100
492-1	Black Plastic Cap with Seal	100
492G	Green Plastic Cap	100
492G-1	Green Plastic Cap with Seal	100
493P	Chromed Plastic Cap with Seal	100



VALVE CAPS & CORES

WARNING: Do NOT use with TPMS Valve Stems.

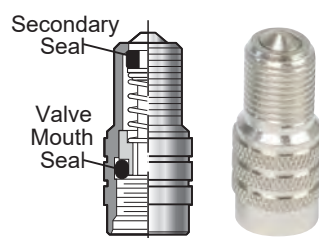
If a brass valve cap is installed on an aluminum valve, corrosion will occur and the cap may not be able to be removed without breaking the valve.

PART NUMBER	DESCRIPTION	PKG. QTY.
100HA	Short Valve Core, High Temperature	100
490TL	Long Valve Core, High Temperature	100
491D	Long Metal Dome Cap with Seal	100
491E	Short Metal Dome Cap with Seal	100
491S	Metal Screwdriver Cap with Seal	100
493	Chrome Hex Cap with Seal	100
493N	Chrome Hex Cap, Green Top with Seal	100



DOUBLE SEAL VALVE CAPS

PART NUMBER	DESCRIPTION	PKG. QTY.
DS1	Double Seal Cap, Made in North America	100
6541	Alligator Double Seal Cap, Made in Germany	100



The Double Seal Valve Cap is designed for high pressure truck tire service.

- Inflate directly through sealing cap
- Reduces time and labor
- No lost valve caps

Overall length 7/8"

Temperature rated seal -40°F to 250°F

VALVE ACCESSORIES — EXTENSIONS

PLASTIC PASSENGER EXTENSIONS

PART NUMBER	DESCRIPTION	PKG. QTY.
496	3/4" Plastic Extension	10
497	1-1/4" Plastic Extension	10
498	1-1/2" Plastic Extension	10
499	2" Plastic Extension	10



METAL PASSENGER EXTENSIONS

PART NUMBER	DESCRIPTION	PKG. QTY.
497B	1-1/4" Metal Extension	25
557	6" Chrome Extension with 15° Bend	1
563	1-3/8" Chrome Extension with 135° Bend	10
564	1-3/8" Chrome Extension with 90° Bend	10
565	1-3/8" Chrome Extension with 45° Bend	10



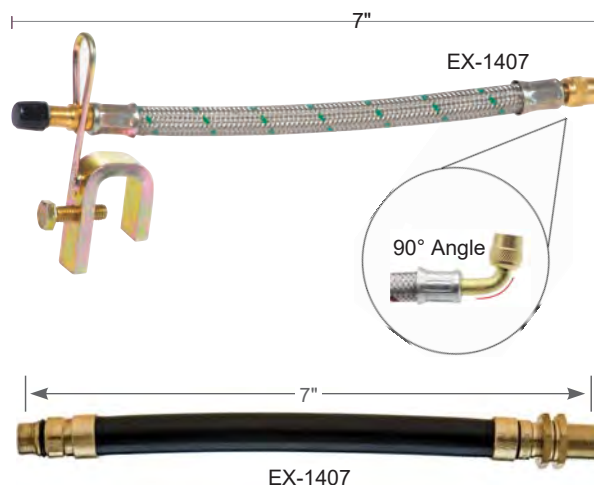
METAL TRUCK EXTENSIONS

PART NUMBER	DESCRIPTION	PKG. QTY.
1500L	2" Metal Extension	10
1501L	3" Metal Extension	10
1502L	5" Metal Extension	10
1503L	3-5/8" Metal Extension	10
1504L	4" Metal Extension	10
1505L	1-1/4" Metal Extension	10
1506L	6" Metal Extension	10



METAL TRUCK EXTENSIONS

PART NUMBER	LENGTH (INCH)	BEND ANGLE	PKG. QTY.
EX-1407	7" Metal Braided	-	5
EX-1407-90	7" Metal Braided	90°	5
EX-1407-180	7" Metal Braided	180°	5
EX-1410	10" Metal Braided	-	5
EX-1410-90	10" Metal Braided	90°	5
EX-1410-180	10" Metal Braided	180°	5
EX-1412	12" Metal Braided	-	5
EX-1412-90	12" Metal Braided	90°	5
EX-1412-180	12" Metal Braided	180°	5
EX-1414	14" Metal Braided	-	5
EX-1414-90	14" Metal Braided	90°	5
EX-1414-180	14" Metal Braided	180°	5
EX-1607	7" Rubber	-	5



VALVE ACCESSORIES — CORE & VALVE TOOLS

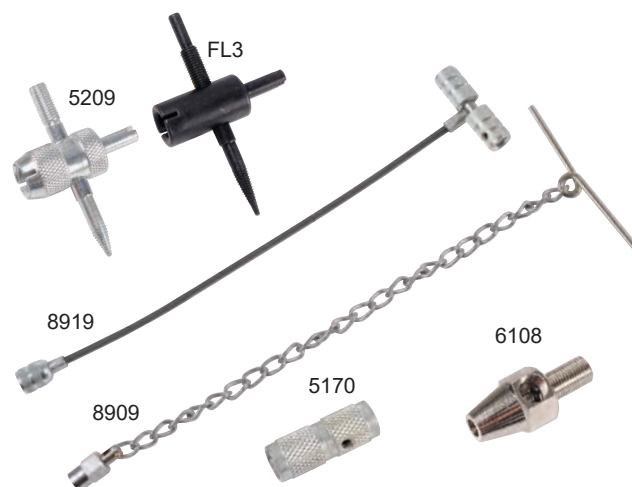
TPMS CAPS & CORES

PART NUMBER	DESCRIPTION	PKG. QTY.
171	Metal Core Tool	10
173	TPMS Valve Core Torque Tool, 4 in-lbs	10
176	Screwdriver Handle Core Tool, Long	10
177	Screwdriver Handle Core Tool, Recessed	10
1701	Standard Core Tool	10
1703	Large & Standard Bore Core Tool	10
1705	Screwdriver Handle Standard Core Tool	10
29999	Valve Capper Pro Tool	1



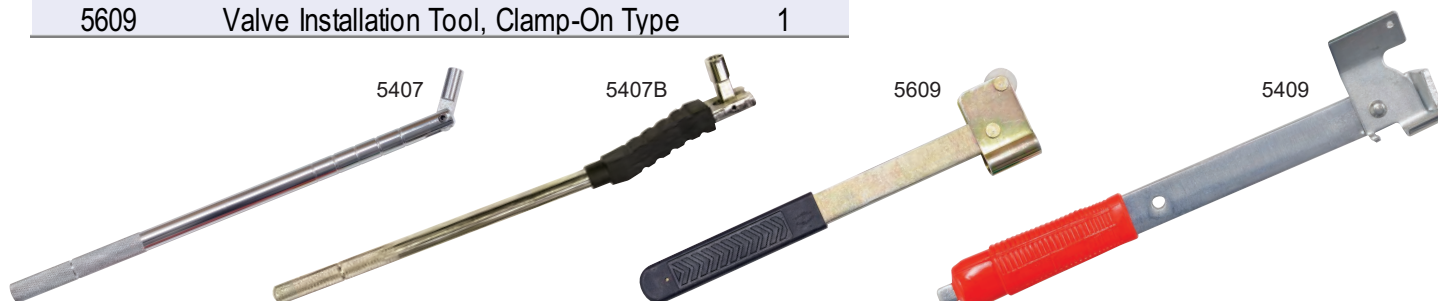
VALVE TOOLS & ACCESSORIES

PART NUMBER	DESCRIPTION	PKG. QTY.
5170	2-Way Valve Tool	1
5209	4-Way Valve Tool	1
6108	Tube Deflator Tool	1
8909	Chain-Type Valve Fishing Tool	1
8919	Cable-Type Valve Fishing Tool	1
8919L	Cable-Type Valve Fishing Tool, 24"	1
FL3	4-Way Valve Tool, Black Hardened	1



VALVE INSTALLATION TOOLS

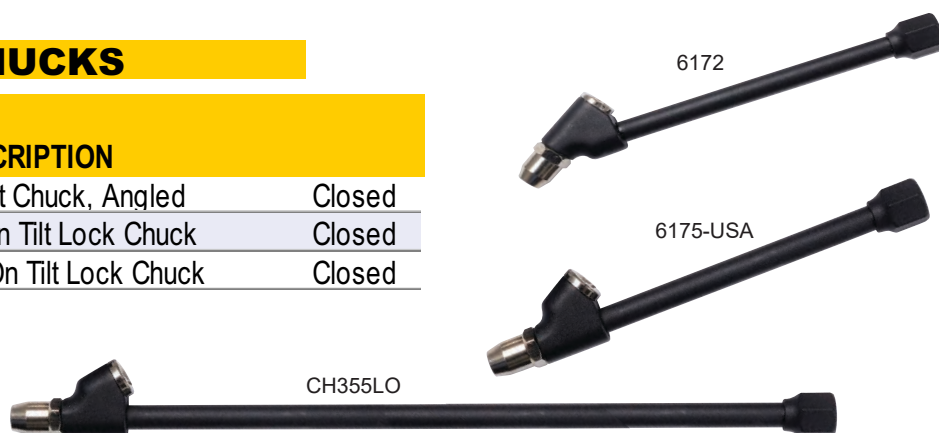
PART NUMBER	DESCRIPTION	PKG. QTY.
5407	Valve Installation Tool, Screw-On Type	1
5407B	Valve Installation Tool with Rubber Boot	1
5409	Pull-A-Stem Valve Installation Tool	1
5609	Valve Installation Tool, Clamp-On Type	1



AIR SUPPORT — AIR CHUCKS

DUAL-FOOT AIR CHUCKS

PART NUMBER	DESCRIPTION	
6172	6" Dual-Foot Chuck, Angled	Closed
6172-USA	6" Straight-On Tilt Lock Chuck	Closed
CH355LO	14" Straight-On Tilt Lock Chuck	Closed



BALL FOOT AIR CHUCKS

PART NUMBER	DESCRIPTION	
6293	Ball Foot Chuck with Clip	Closed
6293A	Replacement Clip for Ball Foot Chucks	
6293B	Ball Foot Chuck with Clip	Open



EURO STYLE AIR CHUCKS

PART NUMBER	DESCRIPTION	
6293C	Euro Style Chuck with Hose Barb	Open
504C	Euro Style Chuck with Hose Barb	Closed
CH360-OP	Euro Style Chuck with 1/4" NPT	Open
CH360	Euro Style Chuck with 1/4" NPT	Closed



EURO STYLE AIR CHUCKS

PART NUMBER	DESCRIPTION	
7148	Lock-On Chuck	Open
7150	Lock-On Chuck	Closed



AIR SUPPORT — AIR GAUGES

PENCIL AIR GAUGES

PART NUMBER	DESCRIPTION	
7213-USA	Standard Gauge, Angled	10-50 psi.
7229-USA	Low Pressure Gauge, Angled	1-20 psi.
7230-USA	Air / Liquid Gauge, Angled	5-45 psi.
911S	High Pressure Gauge, Straight-On	20-120 psi
912C	Suv / Light Truck Gauge	10-75 psi.
EX-1015	High Pressure Gauge, Angled	20-120 psi.



DUAL-FOOT AIR GAUGES

PART NUMBER	DESCRIPTION	
1045BC	Dual-Foot Gauge, Straight-On, 12"	10-150 psi.
GA160	Dual-Foot Gauge, Straight-On, 6"	10-120 psi.



LARGE BORE AIR GAUGES

PART NUMBER	DESCRIPTION	
EX-1255P	Large Bore Swivel Gauge	10-150 psi.



TREAD DEPTH GAUGES

PART NUMBER	DESCRIPTION	
5123	Tread Depth Gauge	



AIR SUPPORT — COUPLERS & NIPPLES

INDUSTRIAL SERIES

Industrial Style is also referred to as MILTON style. It is the most popular style used in North America.

- Usually designed by two thin rings on the sleeve of the coupler.
- Also identified by "I/M" stamped in the hex body.

1/4" INDUSTRIAL SERIES

COUPLER					NIPPLE / PLUG				
PART NUMBER	THREAD TYPE	THREAD SIZE	METAL TYPE	MAX PSI.	PART NUMBER	THREAD TYPE	THREAD SIZE	METAL TYPE	MAX PSI.
102	Female	1/4"	Brass	300	109	Female	1/4"	Steel	300



AUTOMOTIVE SERIES

Automotive Style is also referred to as TRU-FLATE style. It is the second most popular style, and is preferred in certain areas in North America.

- More popular style for 3/8" body couplers
- Usually designed by one thin ring on the sleeve of the coupler.
- Also identified by "T" stamped in the hex body.

1/4" AUTOMOTIVE SERIES

COUPLER					NIPPLE / PLUG				
PART NUMBER	THREAD TYPE	THREAD SIZE	METAL TYPE	MAX PSI.	PART NUMBER	THREAD TYPE	THREAD SIZE	METAL TYPE	MAX PSI.
D13	Female	1/4"	Brass	300	D3C	Female	1/4"	Steel	300

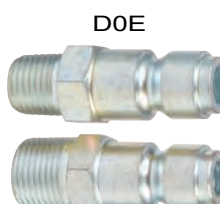


3/8" AUTOMOTIVE SERIES

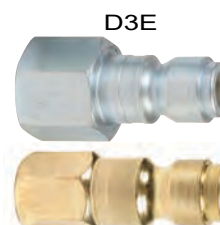
COUPLER					NIPPLE / PLUG				
PART NUMBER	THREAD TYPE	THREAD SIZE	METAL TYPE	MAX PSI.	PART NUMBER	THREAD TYPE	THREAD SIZE	METAL TYPE	MAX PSI.
D15C	Female	1/4"	Steel	300	D0E	Male	1/4"	Steel	300
D15	Female	3/8"	Steel	300	D2E	Male	3/8"	Steel	300
					D3E	Female	3/8"	Steel	300
					D4E	Female	1/4"	Steel	300
					CP25	Male	3/8"	Steel	300
					CP26	Female	3/8"	Steel	300
					CP26-22	Female	3/8"	Steel	300



D15



D2E



D4E



CP26

AIR SUPPORT — COUPLERS & NIPPLES

1/2" AUTOMOTIVE SERIES

COUPLER					NIPPLE / PLUG				
PART NUMBER	THREAD TYPE	THREAD SIZE	METAL TYPE	MAX PSI.	PART NUMBER	THREAD TYPE	THREAD SIZE	METAL TYPE	MAX PSI.
D17R	Female	1/2"	Steel	300	D0F	Male	3/8"	Steel	300
					D2F	Male	1/2"	Steel	300
					D3F	Female	1/2"	Steel	300
					D4F	Female	3/8"	Steel	300



ARO SERIES

Aro Style is the third most popular style, and is preferred in certain areas in North America.

- Usually designed by one thick ring on the sleeve of the coupler.
- Also identified by "A" stamped in the hex body.

1/4" ARO SERIES

COUPLER					NIPPLE / PLUG				
PART NUMBER	THREAD TYPE	THREAD SIZE	METAL TYPE	MAX PSI.	PART NUMBER	THREAD TYPE	THREAD SIZE	METAL TYPE	MAX PSI.
8888	Female	1/4"	Brass	300	8889	Female	1/4"	Steel	300
					8891	Male	1/4"	Steel	300



3/8" ARO SERIES

COUPLER					NIPPLE / PLUG				
PART NUMBER	THREAD TYPE	THREAD SIZE	METAL TYPE	MAX PSI.	PART NUMBER	THREAD TYPE	THREAD SIZE	METAL TYPE	MAX PSI.
345	Female	3/8"	Steel	250	228	Male	1/4"	Steel	300





VEHICLE COVERAGE

98.6% and counting

ISKU
98.6% VEHICLE
COVERAGE
COVERS ALL FREQUENCIES: 314MHZ - 434.5MHZ



PROGRAMMING TIME

Programs any vehicle in under 15 seconds



INCREASED SIGNAL STRENGTH

Compatible with 37"+ and F-rated Tires



WIRELESS PROGRAMMING

Diagnose and program sensors wirelessly directly through the tool

PROGRAMMING TOOL FEATURES

RETRIEVE DATA - Clone sensors by pulling sensor ID codes via OBDII port.

MANUAL ID - Clone sensors by manually punching in OE sensor ID.

COPY ID - Clone sensors by scanning OE sensors.

PLACARD CHANGE - Change tire pressure value threshold to avoid TPMS light from displaying when changing tires to a different load index.*

MULTIPLE SENSOR PROGRAMMING - Program up to 16 sensors at once with one click of a button.

WARRANTY - 5 Year warranty on Sensors

COMPATIBLE TOOLS - MAX Sensor programming is listed on SNAP-ON, ATEQ, NAPA, and MATCO tools.

ECU UNLOCK FOT TOYOTA / LEXUS - Toyota / Lexus lock their OBDII port for 2009 and older vehicles. A dealer usually needs to service the vehicle in these cases, but our tool can unlock this port.

5 YEARS FREE UPDATES

How to program our sensor:

MAIN MENU > PROGRAM SENSOR >
VEHICLE SELECTION > MAX SELECT SENSOR

* Applications updated periodically

MAX SELECT SENSORS & ACCESSORIES

PART NUMBER	DESCRIPTION	PKG. QTY.
MX41	Max Select Diagnostic / Programming Tool	1
MXSR001	Max Select Universal Sensor, Rubber Valve	10



TPMS & SENSORS



TPMS SNAP-IN REPLACEMENT VALVES

FEATURES: Self tapping screws
11.5 in/lbs screw torque
80 psi. maximum cold inflation pressure

PART NUMBER	DESCRIPTION	PKG. QTY.
08804	Uni-sensor Replacement Valve	100
20008	TPMS Replacement Valve for Ford & GMC	100
20046	TPMS, Replacement Valve for Hyundai, Kia	10
50395	TRW Replacement Valve for Dodge	10
50396	TPMS Replacement Valve for Dodge, Brass	10
50397	Continental Snap-In Rubber Valve	10
50399	TPMS Replacement Valve for Hyundai	10



08804



20008

PARALLEL KEY



20046

RIGHT ANGLE KEY



50395

SQUARE KEY



17-50396



50397

CLIP LOCK



50399

LOCK NUT

TECHNICIAN TIP:

IT'S CRITICAL TO ALWAYS REPLACE (NEVER RE-USE) THE SPECIAL SEALING COMPONENTS (CORE, CAP, NUT, GROMMET).

- ** Rubber grommets are designed for a single use. Over time, they take a shape, and lose their ability to properly seal. They are no different than the rubber washer in your faucet at home. Over time they take a shape and start to leak.
- ** Special TPMS valve cores are designed for use with aluminum TPMS stems. These special cores are coated with an electroless nickel plating that prevent them from oxidizing to the aluminum TPMS stems. Never reuse a valve core, and never use a normal brass valve core with a TPMS sensor. Always replace the core with a new TPMS valve core.

BEST PRACTICE:

- ** Always remove the TPMS sensor when servicing the tire/wheel.
- ** Always replace the Special Sealing Components with a NEW REPLACEMENT PARTS KIT.



TPMS REPLACEMENT PARTS KITS & VALVE KITS

PART NUMBER	DESCRIPTION	PKG. QTY.	COLOR CODE
1060K	Parts Kit for Ford	10	
1070K	Parts Kit for GM	10	4
1080K	Parts Kit for Chrysler, Dodge, Mitsubishi	10	3
1100K	Parts Kits for Lexus, Toyota	10	1
1110K	Parts Kits for Lexus, Toyota	10	2
2020K	Parts Kit for GM with YTW Clamp-In Sensor	10	3
2040K	Parts Kit for Acura, Honda, Kia	10	3
20005AK	Parts Kit for Nissan	10	1
20006AK	Parts Kit for GMC, Hummer, Isuzu	10	1
20007AK	Parts Kit for Nissan, Infiniti	10	10
20008	TPMS Snap-In Valve for GM, Ford	10	2
20013AK	Parts Kit for Dodge, Jeep, Chrysler	10	2
20014AK	Parts Kit for Nissan, Infiniti	10	3
20035AK	Parts Kit for Honda	10	1
20036AK	Parts Kit for Acura, Honda, Kia	10	2
20046	TPMS Snap-In Valve, Right Angle Key	10	
20201AK	Parts Kit for Chrysler, GM	10	5
20202AK	Parts Kit for Audi, Mercedes, Volkswagen	10	2
20203AK	Parts Kit for Audi, Mercedes	10	3
20206AK	Parts Kit for Hyundai, Honda, Kia	10	4
20211AK	Parts Kit for Miscellaneous Imports	10	4
20221AK	Parts Kit for Lexus SC430	10	3
20720AK	Parts Kit for Jaguar, Range Rover, Volvo	10	5
50395	TRW Snap-In Sensor Rubber Valve, Square Key	10	
50396	TPMS Valve for Dodge Ram Dually w/ Alum. Wheels	10	
50397	Continental Snap-In Rubber Valve	10	
50399	TPMS Hyundai Snap-In Valve	10	



1060K



1070K



1080K



1100K



1110K



20005AK



20006AK



20007AK



20008



20013AK

TPMS & SENSORS



20014AK



20035AK



20036AK



20046



20201AK



20202AK



20203AK



20206AK



20211AK



20221AK



20720AK



50395



50396



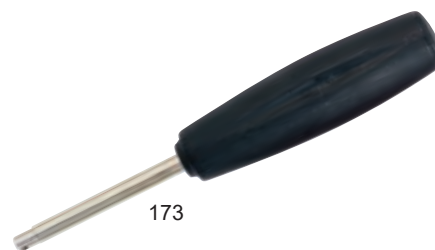
50397



50399

TPMS ACCESSORIES

PART NUMBER	DESCRIPTION	PKG. QTY.
173	TPMS Valve Core Torque Tool, 4 in-lbs.	10
490T	TPMS Nickel Plated Valve Core, Red	100
492-1	Black Plastic Cap with Seal	100
492G-1	Green Plastic Cap with Seal	100
492L-1	Long Skirted Black Plastic Cap with Seal	100
492LG-1	Long Skirted Green Plastic Cap with Seal	100
492T-1	Gray Plastic Cap with Seal	100
493P	Chromed Plastic Cap with Seal	100



173



490T



492-1



492G-1



492L-1



492LG-1



492T-1



493P

TIRE BALANCING BEADS

MAGNUM+ BALANCING BEADS

MAGNUM+ BALANCING BEADS are a high-precision, self-adapting alternative that lasts for the life of the tire and beyond.

Come in an easy to install "Bag-in-a-bag."

98% round and carefully calibrated for consistent size creating an efficient precision balance.

Fully compatible with TPMS (Tire Pressure Monitoring Systems).

Eliminates vibrations.

Promotes consistent tread wear.

Maximizes mileage.

Extends the life of the tire.

Consult the application chart or mobile app for proper size.

MAGNUM+ BAG-IN-A-BAG

PART NUMBER	DESCRIPTION	CASE QTY.
MG02	2 oz. Bag-in-a-Bag	48
MG03	3 oz. Bag-in-a-Bag	36
MG04	4.5 oz. Bag-in-a-Bag	36
MG06	6.5 oz. Bag-in-a-Bag	24
MG08	8.5 oz. Bag-in-a-Bag	24
MG10	10.5 oz. Bag-in-a-Bag	20
MG13	13 oz. Bag-in-a-Bag	12
MG16	16 oz. Bag-in-a-Bag	12
MG21	21 oz. Bag-in-a-Bag	8
MG23	23.5 oz. Bag-in-a-Bag	8



MAGNUM+ FLEET TUBS

PART NUMBER	DESCRIPTION	TUB QTY.
MGT03	3 oz. Ready to Use	24
MGT04	4.5 oz. Ready to Use	24
MGT06	6.5 oz. Ready to Use	24
MGT08	8.5 oz. Ready to Use	22
MGT10	10.5 oz. Ready to Use	18
MGT13	13 oz. Ready to Use	14
MGT16	16 oz. Ready to Use	12
MGT21	21 oz. Ready to Use	6
MGT23	23.5 oz. Ready to Use	6
MGB8KG	Loose, Bulk	8 kg.



TIRE BALANCING BEADS
















































MAGNUM+ APPLICATION CHART

LIGHT TRUCK / SUV


































































R15	Item no.		R16		R16	Item no.		R17	Item no.
700R15	LTP100		195/75R16	LTP100	35/12.50R16	LTP200		275/55R17 *	LTP200
7.50R15	LTP150		195/65R16	LTP100	36/12.50R16	LTP200		285/70R17	LTP200
8.25R15	LTP200		205/80R16	LTP100	36/14.50R16	MTP250		285/60R17	LTP200
9R15	LTP200		215/85R16	LTP100	37/12.50R16	MTP250		305/70R17	LTP200
10R15	MTP250		215/70R16	LTP100	38/15.50R16	MTP250		315/70R17	LTP200
205/75R15	LTP100		215/65R16	LTP100				33/12.50R17	LTP200
215/75R15	LTP100		215/60R16	LTP100	R16.5	Item no.		35/12.50R17	LTP200
225/75R15	LTP100		225/85R16	LTP100	8R16.5	LTP100		37/12.50R17	MTP250
225/70R15	LTP100		225/75R16	LTP100	8.75R16.5	LTP100		37/13.50R17	MTP250
225/60R15	LTP100		225/70R16	LTP100	9.50R16.5	LTP150		40/13.50R17	MTP250
235/75R15	LTP100		225/65R16	LTP100	35/12.50R16.5	LTP200			
235/70R15	LTP100		225/60R16	LTP100	35/14.50R16.5	MTP250		R17.5	Item no.
265/70R15	LTP100		235/85R16	LTP150	36/16.50R16.5	MTP250		8R17.5	LTP150
315/70R15	LTP100		235/75R16	LTP150	37/12.50R16.5	MTP250		8.5R17.5	LTP200
325/60R15	LTP100		235/70R16	LTP150	38/15.50R16.5	MTP250		9.5R17.5	LTP200
30/9.5R15	LTP100		235/60R16	LTP100	40/17B16.5	MTP300		10R17.5	MTP250
31/10.50R15	LTP150		245/85R16	LTP150	44/18.50B16.5	MTP400		11R17.5	MTP250
31/11.50R15	LTP150		245/75R16	LTP150	33/12.50R16.5	LTP200		195/70R17.5	LTP150
31/12.50R15	LTP150		245/70R16	LTP150	33/14.50R16.5	LTP200		195/60R17.5	LTP100
31/14.50R15	LTP200		245/65R16	LTP100	33/16.50R16.5	LTP200		205/80R17.5	LTP150
32/11.50R15	LTP150		255/85R16	LTP150				205/75R17.5	LTP150
32/12.50R15	LTP200		255/70R16	LTP150	R17	Item no.		205/60R17.5	LTP150
33/9.50R15	LTP150		255/65R16	LTP150	225/65R17	LTP100		215/75R17.5	LTP150
33/10.50R15	LTP150		255/55R16 *	LTP150	225/60R17	LTP100		215/70R17.5	LTP150
33/12.50R15	LTP200		265/85R16	LTP150	225/55R17 *	LTP100		225/90R17.5	LTP200
33/14.50R15	LTP200		265/75R16	LTP150	235/80R17	LTP150		225/80R17.5	LTP150
33/16.50R15	MTP250		265/70R16	LTP150	235/75R17	LTP150		225/75R17.5	LTP150
35/12.50R15	LTP200		275/85R16	LTP150	235/65R17	LTP100		225/60R17.5	LTP150
35/13.50R15	LTP200		275/70R16	LTP150	235/60R17	LTP100		235/75R17.5	LTP200
36/12.50R15	LTP200		285/75R16	LTP150	245/75R17	LTP150		235/70R17.5	LTP150
36/14.50R15	MTP250		295/75R16	LTP150	245/70R17	LTP150		245/75R17.5	LTP200
36/16.50R15	MTP250		305/70R16	LTP150	245/65R17	LTP150			
37/12.50R15	LTP200		305/65R16	LTP150	255/75R17	LTP200		R18	Item no.
38/15.50R15	MTP250		315/75R16	LTP150	255/70R17	LTP150		35/12.50R18	LTP200
40/17R15	MTP300		315/70R16	LTP150	255/65R17	LTP150		37/12.50R18	MTP250
44/18.50R15	MTP400		345/65R16	LTP150	255/60R17	LTP150		7.50R18	MTP250
185/70R15.5	LTP100		31/12.50R16	LTP150	255/55R17 *	LTP150		245/60R18	LTP150
			32/9.50R16	LTP150	255/50R17 *	LTP150		255/70R18	LTP150
			32/12.50R16	LTP200	265/70R17	LTP150		255/60R18	LTP150
R16	Item no.		33/12.50R16	LTP200	265/65R17	LTP150		255/55R18 *	LTP150
7.50R16	LTP100		34/12.50R16	LTP200	275/70R17	LTP200		265/70R18	LTP200
8.25R16	LTP200		33/14.50R16	LTP200	275/65R17	LTP200		265/60R18	LTP200
11R16	MTP300		35/10.50R16	LTP200	275/60R17	LTP200		275/65R18	LTP200
175/75R16	LTP100								

TIRE BALANCING BEADS

LIGHT TRUCK / SUV

R18	Item no.		R20	Item no.		R22	Item no.		R22.5	Item no.	
275/60R18	LTP200		305/50R20 *	LTP200		285/35R22 *	LTP200		235/75R22.5	LTP200	
275/55R18 *	LTP200		315/35R20 *	LTP200		305/40R22 *	LTP200		235/70R22.5	LTP200	
285/65R18	LTP200		325/60R20	LTP200		305/45R22 *	LTP200		245/75R22.5	MTP250	
285/60R18	LTP200		355/60R20	LTP200		325/50R22 *	LTP200		255/80R22.5	MTP250	
285/55R18 *	LTP200		355/50R20 *	LTP200		335/55R22 *	LTP200		255/70R22.5	MTP250	
285/50R18 *	LTP200		255/50R20 *	LTP200					265/75R22.5	MTP250	
325/65R18	LTP200		275/65R20	LTP200		R22.5		Item no.	265/70R22.5	MTP250	
325/60R18	LTP200		275/60R20	LTP200		11/70R22.5	MTP300		275/80R22.5	MTP300	
355/65R18	LTP200		275/55R20 *	LTP200		12R22.5	MTP400				
R19		Item no.	275/40R20 *	LTP200		13R22.5	MTP500				
255/55R19 *	LTP150		285/55R20 *	LTP200		15R22.5	MTP500				
255/50R19 *	LTP150		285/50R20 *	LTP200		16R22.5	DPP600				
275/45R19 *	LTP150		37/12.50R20	MTP250		16.5R22.5	DPP600				
285/45R19 *	LTP150					18R22.5	DPP700				
						235/80R22.5	LTP200				

MEDIUM TRUCK / TBR

R19.5	Item no.		R20	Item no.		R22.5	Item no.		R24	Item no.	
8R19.5	LTP200		13/80R20	MTP400		285/60R22.5	MTP250		11.00R24	MTP400	
9R19.5	MTP250		14/80R20	MTP500		295/80R22.5	MTP400		12.00R24	MTP500	
18R19.5	DPP600		14.00R20	MTP500		295/75R22.5	MTP300		14.00R24	DPP600	
225/70R19.5	LTP200		365/80R20	MTP500		295/60R22.5	MTP300		445/70R24	DPP700	
245/70R19.5	LTP200		395/80R20	DPP600		305/70R22.5	MTP300		495/70R24	DPP700	
265/70R19.5	MTP250		R20.5		Item no.	305/60R22.5	MTP300				
275/70R19.5	MTP250		525/65R20.5	DPP600		315/80R22.5	MTP500		R24.5		Item no.
285/75R19.5	MTP300		615/65R20.5	DPP600		315/75R22.5	MTP400		11R24.5	MTP300	
285/70R19.5	MTP250					315/70R22.5	MTP400		12R24.5	MTP400	
305/70R19.5	MTP300		R22		Item no.	315/60R22.5	MTP400		275/80R24.5	MTP300	
385/65R19.5	MTP400		10.00R22	MTP400		345/75R22.5	MTP500		285/75R24.5	MTP300	
445/65R19.5	DPP600		11.00R22	MTP400		350/75R22.5	MTP500		295/80R24.5	MTP400	
R20		Item no.				365/80R22.5	MTP500		305/75R24.5	MTP400	
7.50R20	MTP250		R22.5		Item no.	365/70R22.5	MTP500				
8.25R20	MTP250		9R22.5	LTP200		385/65R22.5	MTP500				
9.00R20	MTP300		10R22.5	MTP300		385/55R22.5	MTP500				
10.00R20	MTP300		11R22.5	MTP300		425/65R22.5	DPP600				
11.00R20	MTP400		275/70R22.5	MTP300		445/65R22.5	DPP700				
12.00R20	MTP500		275/50R22.5	MTP250		445/50R22.5	DPP600				
12.5R20	MTP500		285/75R22.5	MTP300		455/55R22.5	DPP600				

INSTALLATION



TOSS
the bag
in the tire



MOUNT
the tire to
the rim as
usual



INFLATE
to tire
pressure



DRIVE
and let
science
do its thing

TIRE & WHEEL ACCESSORIES

AIR TOOLS

PART NUMBER	DESCRIPTION	SPEED
CP860	"CP" High Speed Air Buffer	24,000 rpm
CP873K	"CP" Low Speed Air Buffer	2800 rpm
S6010QC	High Speed Air Buffer w/ Quick Change	20,000 rpm
QM873K	Low Speed Air Buffer	2800 rpm



ADAPTERS & CHUCKS

PART NUMBER	DESCRIPTION
324	Long Arbor adapter. 3/8" Threads
324S	Short Arbor Adapter, 3/8" Threads
328	3/8" Quick Change Chuck, 3/8" NPT
330	Short Quick Change Adapter, 3/8" Threads
331	Long Quick Change Adapter, 3/8" Threads
332	Quick Change Adapter for 1/8" (3.2mm) Shank
333	Quick Change Adapter for 3/16" (4.8mm) Shank
334	Quick Change Adapter for 1/4" (6.3mm) Shank
335	Quick Change Adapter for 5/16" (7.9mm) Shank
335-38	Quick Change Adapter for 3/8" (9.6mm) Shank



CARBIDE BURRS FOR TIRE REPAIR

RECOMMENDATION: Maximum operating speed = 1,200 rpm

PART NUMBER	INJURY SIZE
604CB	1/8" (3mm) Injury
605	3/16" (4.5mm) Injury
606	7/32" (5.56mm) Injury
607	1/4" (6.35mm) Injury
608	5/16" (8mm) Injury
609	3/8" (10mm) Injury
610	13/32" (10.32mm) Injury
611	7/16" (11.11mm) Injury
612	1/2" (13mm) Injury
613	3/4" (19.05mm) Injury



TIRE & WHEEL ACCESSORIES

CARBIDE BURRS FOR SECTION REPAIR

PART NUMBER	DESCRIPTION
341	1/4" (6.3mm) Darrel Burr
342	1/2" (12.7mm) Ball Burr
601	1.8" (3.2mm) Pointed Burr
602	1/4" (6.35mm) Pointed Burr



OXIDE STONES & BUFFING WHEELS

PART NUMBER	DESCRIPTION	ARBOR HOLE
A36	1-5/8" Large Mushroom Stone, White	1/4" (6.3mm)
A40	2" Black Finishing Cup, 60 Grit	3/8" (9.5mm)
BC1	2-1/2" Buffing Wheel	3/8" (9.5mm)



SILVER CARBIDE BUFFING WHEELS

PART NUMBER	DESCRIPTION	ARBOR HOLE
364	2" Dome, 170 SSG (60 Grit)	3/8", 24 Thread
365	2-1/2" Cup, 170 SSG (60 Grit)	3/8" (9.5 mm)
367	2-1/2" Cup, 230 SSG (36 Grit)	3/8" (9.5mm)
368	4" Cup, 390 SSG (16 Grit)	3/4"(19mm)



RUBBERHOG BUFFING WHEELS

PART NUMBER	DESCRIPTION	GRADE
RH102	1-3/4" Dome, 230 SSG	36 Grit, Medium
RH106	2-1/2" Dome, 170 SSG	60 Grit, Fine
RH109	2-1/2" Dome, 230 SSG	36 Grit, Medium
RH152	2-1/2" Adapter, fits inside contour wheel	



RUBBERHOG BUFFING WHEELS

PART NUMBER	DESCRIPTION	ARBOR HOLE
0201	4" Twisted Wire Wheel	
0238	3" Twisted Wire Wheel	
163	3" Soft Wire Wheel	3.8" (9.5mm)
336	3/8" Skiving Brush	1/4" Shank
337	1/2" Skiving Brush	1/4" Shank
502N	6" Twisted Wire Wheel	5/8' (15.9mm)



TIRE & WHEEL ACCESSORIES

ARCTIC O-RINGS

PART NUMBER	RIM SIZE	DIAMETER (INCH)	PKG. QTY.
OR-220-TGA	20"	1/4"	2
OR-224-TGA	24"	1/4"	2
OR-225-TA	25"	1/4"	2
OR-232TGA	32"	1/4"	2
OR-320-TA	20"	3/8"	2
OR-321-TA	21"	3/8"	2
OR-325-TA	25"	3/8"	2
OR-329TA	29"	3/8"	2
OR-333TA	33"	3/8"	2
OR-335TA	35"	3/8"	2
OR-339TA	39"	3/8"	2



MOUNTING RINGS

NOTE: O.S.H.A. regulations require that service personnel use a clip-on chuck with an inline inflator at a recommended distance that keeps the employee out of the trajectory of the tire and rim. After beads are seated, put the tire and rim into approved inflation cage and continue to inflate to prescribed air pressure.

PART NUMBER	DESCRIPTION	DIAMETER (INCH)
TC-50ES	For 16.5" - 17.5" Rims	1-1/8"
TC60-ES	For 19.5" Rims	1-1/8"
TC-70ES	For 22.5" - 24.5" Rims	1-1/8"



WHEEL PROTECTORS

WHEEL PROTECTORS prevent wheel surfaces from being scarred and damaged by tools and other objects. These protectors are made from almost unbreakable polymer compound and are imprinted with torque sequences.

PART NUMBER	DESCRIPTION	STUD HOLE (MM)	# OF HOLES
5903	Wheel (Saver) Protector	22mm	10
7902	Wheel (Saver) Protector	22mm	8



TIRE & WHEEL ACCESSORIES

TIRE CHANGER MOUNT / DEMOUNT HEADS

PART NO	DESCRIPTION	BRAND	MODEL #
969	Nylon Head	Accuturn Hoffmann John Bean Snap-On	3602, 3602HP, 4260, 4560MR, 4602, 5602, 5602HP 1000, 1520, 1565, 1575, 1620, 1625, 1625EM, 3300, 3300EM, 3550 EHP Series Tire Changers All Models
970	Nylon Head with Tapered Hole	Coats	RC100, RC150, RC200, 5030, 5035, 5045, 5040, 5050 Series, 5060 Series, 5065 Series, 6050, 6060, 6065, 7050, 7060, 7065, 7655, 7660, 7665, Baseline BL200, BL300, BL400, BL500
971	Nylon Head with Round Hole	Corgi All Tool Hoffmann Cemb Sice Coats Giuliano Hunter	All Rim Clamp All Models 1550, 1510, 1610, 3200, 5410, S408MAXI, Not for use on Hoffmann 1620 and 1625 All Models M39, S40, S41, S42, S43, S45, S408MAXI, S435, S436, S436TOP RC1, RC5, RC10, RC15, RC20, Early 5060, 9010, 9024 APX80, APX90 All Models Fits All TCX Series (Requires Adapter) Earlier TCX500 Requires Upgrade Shaft / Adapter Kit
972	Nylon Head	Ranger Hunter Accuturn Sicam Bosch	2R-980XR, R-980NXT, R-30XLT (Requires Mounting Flange) TC250, TC300, TC325, TC350, TC2000, TC3250, TC3000, TC3100 (Requires Adapter), TC3500 Direct Fit on 220A, All Other Models Require Adapter, 730Pro 32, 520, 526, 530, 720, 726 Grifone 516 and Colibri 512, Falco 3009 220S, 4225, 4230, 4335, 4465, 4540, 5210, 5320, Direct Fit on 220A, All Other Models Require Adapter

969



70



TIRE CHANGER ACCESSORIES

PART NO	DESCRIPTION
760-407	No-Mar Bead Clamp



TIRE & WHEEL ACCESSORIES

TIRE CHANGER INSERTS & BOOTIES

PART NO	DESCRIPTION	BRAND	MODEL #	PKG. QTY.
973	Plastic Insert	Coats	RC100, RC150, RC200, 5030, 5035, 5045, 5040, 5050 Series, 5050 Series, 5060series, 5065 Series, 6050, 6060, 6065, 7050, 7055, 7060, 7065, 7655, 7660, 7665, Baseline BL200, BL300, BL400, BL500, APX80 and APX90	2 12 12 12
974	Plastic Insert	Coats	9010, 9024	10
975	Plastic Insert	Accutum	3402, 3450, 3602, 4602, 4802HP, 5850HP, 5602	10
976	Small Mount Bootie for Coats Combo Tool			10
976L	Large Demount Bootie for Coats Combo Tool			10



973



974



975



976



976L

STUD CLEANING TOOLS

STUD CLEANING TOOLS quickly and effectively removes rust and debris from wheel studs using your air wrench or handheld power drill.

PART NUMBER	DESCRIPTION
SBCT13	Stud Cleaning Brush (Tool)
SBCT22	Stud Cleaning Brush (Tool)
SBR12	12mm Replacement Brush for SBCT13
SBR13	13mm Replacement Brush for SBCT13
SBR14	14mm Replacement Brush for SBCT13
SBR16	16mm Replacement Brush for SBCT13
SBR22	22mm Replacement Brush for SBCT22



WHEEL WEIGHT TOOLS

PART NUMBER	DESCRIPTION
52-2	No-Mar Wheel Weight Pliers for Aluminum Rims
909	Stick-On Wheel Weight Remover
WWP2	Heavy Duty Wheel Weight Pliers



WHEEL WEIGHTS – LEAD CLIP-ON

REG SERIES (UNCOATED)

APPLICATION: Used on passenger vehicles with alloy or steel wheels. All sizes 1.25 oz and larger feature a 1" wide "V" clip for superior retention strength.

PART NO.	WEIGHT OZ.	BOX QTY.	CASE QTY.
REG025	1/4	50	20
REG050	1/2	50	20
REG075	3/4	50	20
REG100	1	50	10
REG125	1-1/4	50	10
REG150	1-1/2	50	10
REG175	1-3/4	25	10
REG200	2	25	10
REG22	2-1/4	25	10
REG250	2-1/2	25	10
REG275	2-3/4	25	10
REG300	3	25	10



TS SERIES (COATED)

APPLICATION: Used on some light trucks and SUV's with alloy or steel wheels

PART NO.	WEIGHT OZ.	BOX QTY.	CASE QTY.
TS025	1/4	25	20
TS050	1/2	25	20
TS075	3/4	25	20
TS100	1	25	20
TS125	1-1/4	25	20
TS150	1-1/2	25	10
TS175	1-3/4	25	10
TS200	2	25	10
TS225	2-1/4	25	10
TS250	2-1/2	25	10
TS275	2-3/4	25	10
TS300	3	25	10



MCS SERIES (COATED)

APPLICATION: Used on most North American vehicles with alloy wheels

PART NO.	WEIGHT OZ.	BOX QTY.	CASE QTY.
MCS025	1/4	25	20
MCS050	1/2	25	20
MCS075	3/4	25	20
MCS100	1	25	20
MCS125	1-1/4	25	20
MCS150	1-1/2	25	10
MCS175	1-3/4	25	10
MCS200	2	25	10
MCS225	2-1/4	25	10
MCS250	2-1/2	25	10
MCS275	2-3/4	25	10
MCS300	3	25	10



FNS SERIES (COATED)

APPLICATION: Used on most Japanese vehicles with alloy wheels

PART NO.	WEIGHT GRAM	BOX QTY.	CASE QTY.
FNS05	5	25	20
FNS10	10	25	20
FNS15	15	25	20
FNS20	20	25	20
FNS25	25	25	20
FNS30	30	25	20
FNS35	35	25	15
FNS40	40	25	15
FNS45	45	25	15
FNS50	50	25	10
FNS55	55	25	10
FNS60	60	25	10



WHEEL WEIGHTS – LEAD CLIP-ON

ENS SERIES (COATED)

APPLICATION: Used on Mercedes, Audi and Volkswagen vehicles. Also used on many aftermarket alloy wheels with thin rim flanges

PART NO.	WEIGHT GRAM	BOX QTY.	CASE QTY.
ENS05	5	25	20
ENS10	10	25	20
ENS15	15	25	20
ENS20	20	25	20
ENS25	25	25	20
ENS30	30	25	20
ENS35	35	25	10
ENS40	40	25	10
ENS45	45	25	10
ENS50	50	25	10
ENS55	55	25	10
ENS60	60	25	10



LHS SERIES (COATED)

APPLICATION: Used on older Chrysler vehicles with alloy wheels

PART NO.	WEIGHT OZ.	BOX QTY.	CASE QTY.
LHS025	1/4	25	20
LHS050	1/2	25	20
LHS075	3/4	25	20
LHS100	1	25	20
LHS125	1-1/4	25	20
LHS150	1-1/2	25	20
LHS175	1-3/4	25	10
LHS200	2	25	10
LHS225	2-1/4	25	10
LHS250	2-1/2	25	10
LHS275	2-3/4	25	10
LHS300	3	25	10



AWS SERIES (COATED)

APPLICATION: Used on most domestic vehicles prior to 1995 with alloy wheels

PART NO.	WEIGHT OZ.	BOX QTY.	CASE QTY.
AWS025	1/4	25	20
AWS050	1/2	25	20
AWS075	3/4	25	20
AWS100	1	25	20
AWS125	1-1/4	25	20
AWS150	1-1/2	25	10
AWS175	1-3/4	25	10
AWS200	2	25	10
AWS225	2-1/4	25	10
AWS250	2-1/2	25	10
AWS275	2-3/4	25	10
AWS300	3	25	10



IAWS SERIES (COATED)

APPLICATION: Used on some European and some Asian vehicles with alloy wheels

PART NO.	WEIGHT GRAM	BOX QTY.	CASE QTY.
IAWS05	5	25	20
IAWS10	10	25	20
IAWS15	15	25	20
IAWS20	20	25	20
IAWS25	25	25	20
IAWS30	30	25	20
IAWS35	35	25	10
IAWS40	40	25	10
IAWS45	45	25	10
IAWS50	50	25	10
IAWS55	55	25	10
IAWS60	60	25	10



WHEEL WEIGHTS – TRUCKS

I7 SERIES (UNCOATED)

APPLICATION: Used on heavy trucks with steel wheels

PART NO.	WEIGHT OZ.	BOX QTY.	CASE QTY.
I7-2.00	2	25	10
I7-4.00	4	25	10
I7-6.00	6	25	10
I7-8.00	8	20	5
I7-10.00	10	20	5
I7-12.00	12	20	5
I7-14.00	14	10	5



LT1 SERIES (UNCOATED)

APPLICATION: Used on 3/4 and 1-ton light trucks with steel wheels

PART NO.	WEIGHT OZ.	BOX QTY.	CASE QTY.
LT1-050	1/2	25	20
LT1-100	1	25	20
LT1-150	1-1/2	25	15
LT1-200	2	25	15
LT1-250	2-1/2	25	15
LT1-300	3	25	15
LT1-350	3-1/2	25	10
LT1-400	4	25	10
LT1-450	4-1/2	25	10
LT1-500	5	25	5
LT1-600	6	25	5



WHEEL WEIGHTS – ADHESIVE

IMPORTED STEEL (COATED)

PART NO.	WEIGHT OZ.	THICKNESS MM.	PCS PER STRIP	# OF STRIPS	COLOR	CASE QTY.
PC025-28FE	1/4	3 mm	12	28	GREY	8
PC025-28FE BLK	1/4	3 mm	12	28	BLACK	8
PC050-24FE	1/2	3 mm	8	24	GREY	8
PC050-24FE BLK	1/2	3 mm	8	24	BLACK	8
PC100-16FE	1	6 mm	6	16	GREY	8
PC100-16FE BLK	1	6 mm	6	16	BLACK	8



WHEEL WEIGHTS – ADHESIVE

NORTH AMERICAN STEEL (COATED)

PART NO.	WEIGHT OZ	THICKNESS MM.	PCS PER STRIP	# OF STRIPS	COLOR	CASE QTY.
312FE-30CW	1/4	3 mm	12	30	GREY	8
408FE-28CW	1/2	6 mm	8	28	GREY	8
506FE-15CW	1	6 mm	6	15	GREY	8



NORTH AMERICAN LEAD (COATED)

PART NO.	WEIGHT OZ	THICKNESS MM.	PCS PER STRIP	# OF STRIPS	COLOR	CASE QTY.
612-15CW	2	6 mm	6	15	GREY	8



PROPER ADHESIVE WHEEL WEIGHT INSTALLATION PROCEDURE

STEP 1 CLEANING:

Clean the area where the wheel weight is to be applied using a quality cleanser. To do so, apply the area thoroughly and then wipe with a clean soft cloth.

STEP 2 SELECT WEIGHT SIZE:

Cut or break the adhesive weights apart depending on the size of weights needed.

STEP 3 CONTOURING:

If the adhesive weight is not precontoured follow the instructions below, otherwise go directly to step 4. Before removing the liner, apply the weight against the wheel and using your fingers gently contour the shape to the radius of the wheel.

STEP 4 REMOVING LINER:

Remove the liner and avoid touching the exposed adhesive.

STEP 5 APPLYING:

Center the weight to the imbalance point. Using your fingers, apply a uniform pressure throughout the surface (do not use a hammer).

TIRE STUDS

IMPORTED

APPLICATION: For use on passenger vehicles.

PART NO.	SIZE MM.	BOX QTY.	CASE QTY.
FTS11	8.8 x 10	1000	10
FTS12	8.8 x 11	1000	10
FTS13	8.8 x 12	1000	10
FTS15	8.8 x 13	1000	10
FTS16	8.8 x 15	1000	10



NORTH AMERICAN

APPLICATION: For use on passenger vehicles.

PART NO.	SIZE MM.	BOX QTY.	CASE QTY.
TSM11	8.8 x 10	1000	10
TSM12	8.8 x 11	1000	10
TSM13	8.8 x 12	1000	10
TSM15	8.8 x 13	1000	10
TSM16	8.8 x 15	1000	10
TSM17	8.8 x 16	1000	10



STUDDING TOOLS AND ACCESSORIES

STUD INSERTION TOOL

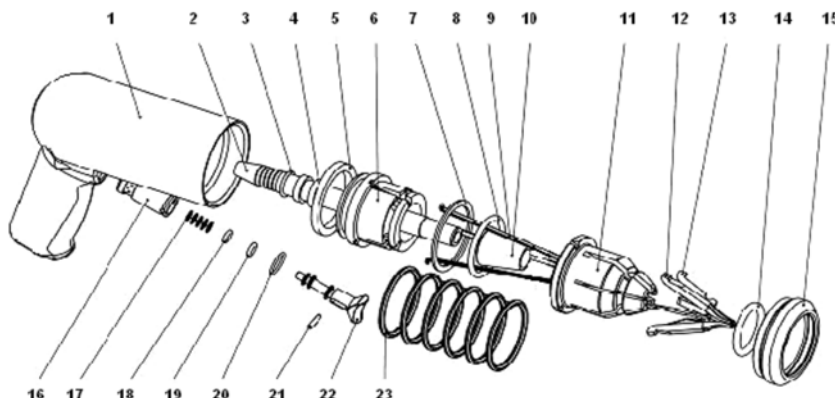
PART NO.	DESCRIPTION	BOX QTY
TSIT-9	Tire Stud Insertion Tool	1
4048	Mini Stud Feeder	1



STUD INSERTION TOOL PARTS LIST

NO.	PART NO.	DESCRIPTION
1	0128	Handle
2	0130-09	Feed Tube
3	0136	O-Ring
4	0383	Piston Cup
5	0092	Piston Cup
6	0129	Piston
7	0135	Steel Ring
8	0088	R-Ring
9	0126	Inserting Fingers
10	0131	Finger Spreader
11	0132-09	Head
12	0084	External Fingers

NO.	PART NO.	DESCRIPTION
13	.0127	Metering Lever
14	0103	Endless Spring
15	0133	Ring Nut
16	0099	Brass Sleeve
17	0095	Trigger Spring
18	0091	O-Ring
19	0090	O-Ring
20	0089	O-Ring
21	0096	Pin
22	0098	Trigger
23	0134	Compression Spring



INSERTION TOOL REPAIR KITS

REPAIR KIT # 381

PART NO.	DESCRIPTION	PKG. QTY.
0084	Spread Finger	3
0088	O-Ring (Piston)	1
0103	Spring Ring (Head)	1
0126	Inserting Finger	3



REPAIR KIT # 382

PART NO.	DESCRIPTION	PKG. QTY.
0084	Spread Finger	3
0088	O-Ring (Piston)	2
0092	Piston Cup (Large)	1
0103	Spring Ring (Head)	2
0126	Inserting Finger	6
0136	O-Ring (Feed Tube)	1



REPAIR KIT # 385

PART NO.	DESCRIPTION	PKG. QTY.
0084	Spread Finger	3
0088	O-Ring (Piston)	1
0089	O-Ring (Brass Sleeve)	1
0092	Piston Cup (Large)	1
0095	Spring (Trigger)	1
0096	Pin (Trigger)	1
0098	Trigger w/ O-Rings	1
0103	Spring Ring (Head)	1
0126	Inserting Finger	3
0127	Metering Lever	3
0129	Piston	1
0130	Feed Tube	1
0131	Tapered Sleeve	1
0134	Compression Ring	1
0135	Steel Ring	1
0136	O-Ring (Feed Tube)	1
0383	Piston Cup (Small)	1



REPAIR KIT # 384

PART NO.	DESCRIPTION	PKG. QTY.
0089	O-Ring	1
0095	Spring	1
0096	Pin	1
0098	Trigger w/ O-Rings	1



TIRE STUDS

PROPER PROCEDURE TO INSTALL TIRE STUDS

NEVER OPERATE TIRE STUDDING OR OTHER EQUIPMENT WITHOUT PROPER SAFETY EQUIPMENT. SHOP APPROVED SAFETY GLASSES AND WORK GLOVES SHOULD ALWAYS BE USED FOR YOUR OWN PROTECTION

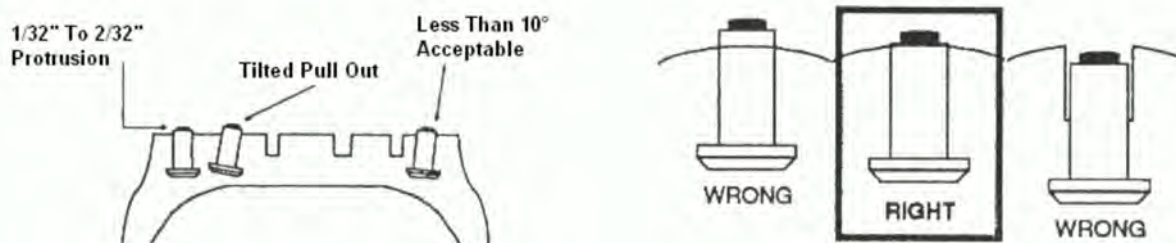
1. Place the tire to be studded over the mandrel (aluminum shoe) of the K-5 stand.
2. Unless the tire stud size is already identified, follow the following general guideline:
 - ** Measure the depth of the hole to be studded with a tire tread depth gauge.
If the measurement is 12/32", then the proper size tire stud is the TSML #12.
If the measurement is 13/32", then the proper size is the TSML #13, etc.
3. Lubricate the hole with water to allow for easier installation and longer equipment life.
4. Align the tip of the stud gun (three external finger 0084) with the hole.
Press the stud gun assembly firmly downward inserting gun tip into hole.
5. Depress the stud gun trigger while maintaining downward pressure, release the trigger and relieve the downward pressure.

NOTE: The stud gun will automatically return to the start position leaving the tire stud in the tire.
The timing of steps 4, 5 and 6 are important and take some time to learn.

HELPFUL HINTS AND RECOMMENDATIONS:

- ** Operate the TSIT Insertion Tool between 95 and 110 PSI for maximum life of the gun and internal parts.
- ** Lubricate the tool daily with a few drops of air tool oil inserted directly into the air input port.
- ** Always inspect the common wear parts of the gun and feeder for excess wear prior to beginning the studding procedure. Only trained personnel should service this equipment. The steel head assembly of the stud guns is spring loaded. Use extreme caution when disassembling.
- ** A properly installed stud should appear to be nearly flush with the tire surface. Only the carbide pin and about 1/32" of the stud body should be visible. Also, be sure that the stud is inserted straight into the hole. A leaning stud will not properly seat into the tire and will cause premature failure.

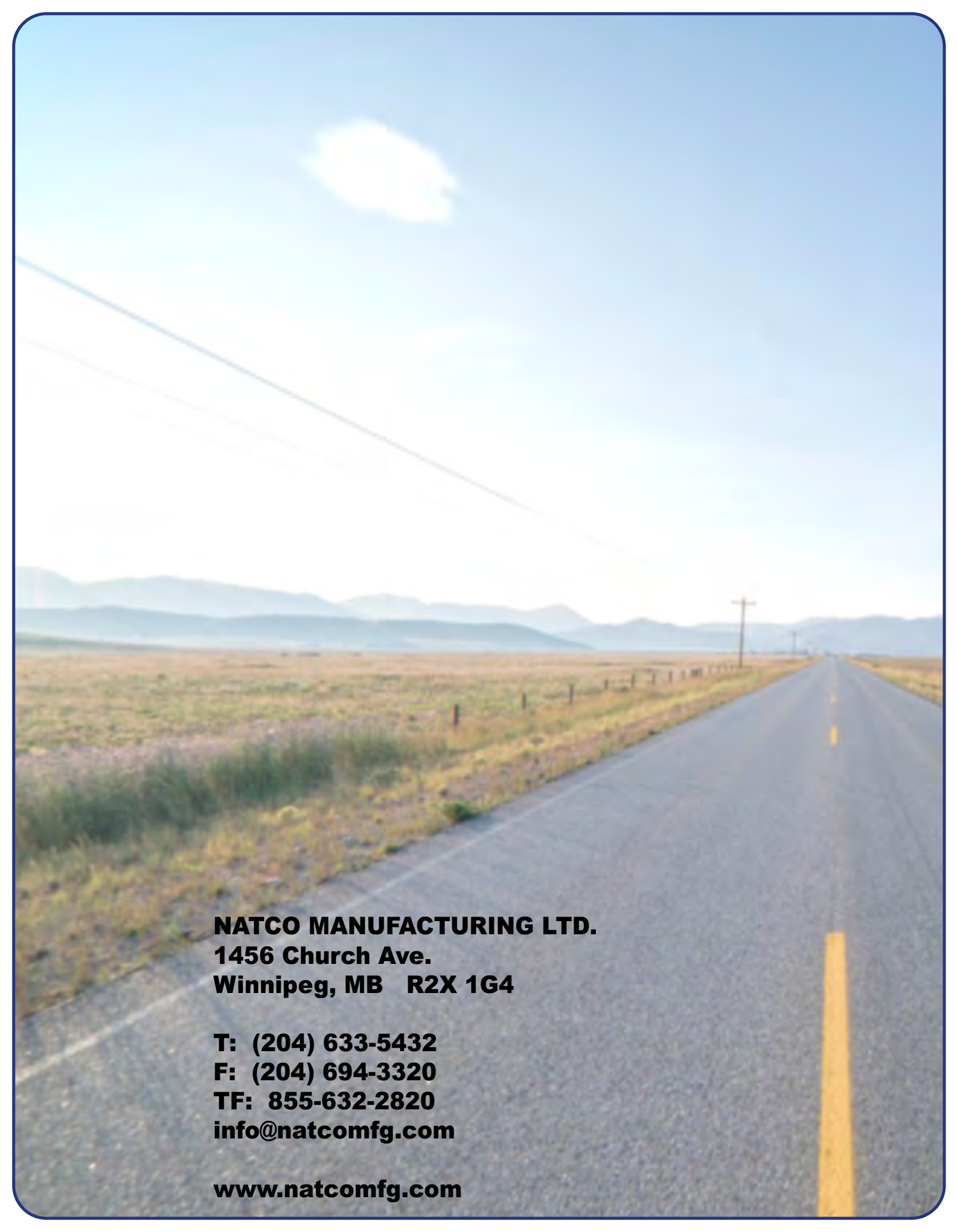
PROPERLY AND IMPROPERLY INSTALLED STUDS



IMPORTANT: Be sure to advise the customer that the studded tires require a break-in period. The customer should drive normally (try to avoid hard cornering, acceleration and braking) for a few days or so (approx. 50-100 miles) to allow for proper tire stud seating.

SUPPORTING PARTNERS





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