

Medium/Heavy Duty Truck Tire



Nail Hole Repair Catalog

www.rematiptop.com

Medium/Heavy Duty Truck Tire Nail Hole Repair Catalog

Truck Tire Deluxe Work Station

Rema's premium Work Station (#6551), designed for servicing and repairing medium/heavy duty truck tires. The Rema Deluxe Work Station features an extremely low eight inch working platform, lifting power of 660lbs., adjustable spreading for improved access and safety, integrated lifting device with a lifting height of 17-1/2 inches, attached light, a ramp that automatically retracts as the tire is lifted, and durable ball-bearing rollers.

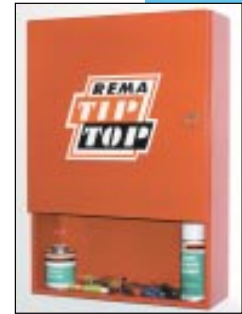
<u>Stock No.</u>	<u>Description</u>
6551	Deluxe Tire Work Station



Truck Tire Repair Wall Cabinet Kit

This comprehensive Tire Repair Cabinet Kit comes complete with a nail hole repair training CD, Rema Tip Top's Truck Tire Deluxe Repair Cabinet features a large 20" x 20" heavy gauge all-steel construction Cabinet with a hinged door, and 9 1/2" shelf below the door. Contents include: **one box each** #2, #3 Tube Patches, A-4.5 (3/16"), A-6 (1/4"), B-8 (5/16"), and B-10 (3/8") Minicombi, UP-6 (1/4") UP-8 (5/16") Universal Repair Units, 626 pull wires, RAD-120 Radial Repair Units, **60 pcs. each** RS-6 (1/4") RS-8 (5/16") RS-10 (3/8") RemaStems, **one can each** 203 (8 oz.) Vulcanizing Fluid, 76 (16 oz.) Repair Sealant, Special Blue Cement, (8 oz.) **one each** 63 Tire Talc, 70 (16 oz.) Pre-Buff Cleaner (16oz. Aero), 28 Innerliner Scraper, CC-4.5 (3/16"), CC-6 (1/4"), CC-8 (5/16") CC-10 (3/8) Carbide Cutters, 6014 Brass Bristle Brush.

<u>Stock No.</u>	<u>Description</u>
26-NT	Truck Tire Repair Wall Cabinet Kit



Special Blue Cement

The key to Rema's exclusive Blue Bonding System, Special Blue Cement creates a nearly indestructible bond between tire and repair unit. Specially formulated for use in all types of tire repair.

<u>Stock No.</u>	<u>Description</u>	<u>Units/Box</u>	<u>Case/Qty</u>
BL-5	Special Blue Cement, 50 g Tube	1	25
BL-8	Special Blue Cement, 8 oz. Brush Top Can	1	24
BL-32	Special Blue Cement, 32 oz. Can	1	6
BL-G	Special Blue Cement, 1 Gallon Can	1	4



Minicombi Tire Repair Units

A popular repair unit for truck tires, the Minicombi sets a new standard in one-piece repair units, making complete and permanent nail hole repairs on truck tires simple and easy. Used with Rema's Special Blue Cement. Use in conjunction with, CC-4.5, CC-6, CC-8, and CC-10 Carbide Cutters.

<u>Stock No.</u>	<u>Description</u>	<u>Units/Box</u>	<u>Case/Qty</u>
A-4.5	3/16" Minicombi	40	25
A-6	1/4" Minicombi	40	25
B-8MC	5/16" Minicombi	20	18
B-10	3/8" Minicombi	18	
BL-8	Special Blue Cement, 8 oz.	1	24
BL-32	Special Blue Cement, 32 oz.	1	6



Universal Repair Units

The Universal Repair Unit is specially reinforced for outstanding durability, reliability, and formulated to provide maximum flexibility. The non-directional, center over the injury Universal Repair Unit is available in boxes or convenient and cost effective pails. Used with Rema's Special Blue Cement. Used in conjunction with RemaStems.

<u>Stock No.</u>	<u>Description</u>	<u>Units/Box</u>	<u>Case/Qty</u>
UP-6	1/4" Universal Repair Unit	50	70
UP-4.5P	3/16" Universal Repair Unit	300/Pail	1
UP-6P	1/4" Universal Repair Unit	200/Pail	1
UP-8	5/16" Universal Repair Unit	50	70
UP-8P	5/16" Universal Repair Unit	150/Pail	1
BL-8	Special Blue Cement, 8 oz.	1	24
BL-32	Special Blue Cement, 32 oz.	1	6



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Radial 100 Series Repair Units

Rema Tip Top's RAD 100 Series Repair Units revolutionized Radial Tire Repair. With significantly greater adhesion than other repair systems, Radial 100 Series Repair Units are constructed to absorb and evenly disperse high flex forces. Used with Rema's Special Blue Cement.

Stock No	Size	Plies	Units/Box	Case/Qty
RAD-110	2" x 2 3/4"	1	20	154
RAD-112	2 3/8" x 4 1/8"	1	20	154
RAD-115	3 1/2" x 3"	1	20	108
RAD-120	4 7/8" x 3"	2	10	90
BL-8	Special Blue Cement, 8 oz.		1	24
BL-32	Special Blue Cement, 32 oz.		1	6



Bias Repair Units

Designed specifically for nail hole repair of Bias Ply Tires, Rema's PN Bias Ply Repair Units are directional, providing exceptionally easy installation. Used with Rema's Special Blue Cement.

Stock No	Size	Plies	Units/Box	Case/Qty
PN-0	1-1/4"	1	50	
PN-1	2-1/2"	1	30	120
PN-2	3-1/4"	2	20	84
PN-3	4"	2	10	72
PN-4	5 3/4"	2	10	64
BL-8	Special Blue Cement, 8 oz.		1	24
BL-32	Special Blue Cement, 32 oz.		1	6



Red Edge Tube Repair Units

Rema Tip Top's Red Edged Tube Repair Units feature a double scalloped feathered edge to insure an excellent bond. Unique rubber compound allows maximum flexibility and stretch in all directions upon inflation. Used in conjunction with 203 Cement.

Stock No.	Size	Units/Box	Case/Qty.
0	1 1/4" Round	100	216
1	1 1/2" Round	30	528
2	1 3/4" Round	30	324
3	2" Round	30	222
4	3" Round	30	120
5	3 3/4" Round	10	180
6	4" Round	10	114
7	3" x 1 1/2" Oval	30	264
7A	4" x 1" Oval	30	153
203	Cold Vulcanizing Fluid, 8 oz.	1	24



Black Edge Tube Repair Units

Same reliable service as our Red Edge Repair Units, but with black edges for virtually invisible repairs. Used in conjunction with 203 Cement.

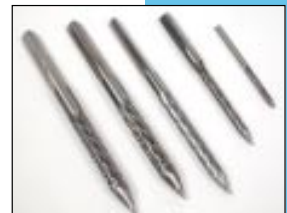
Stock No.	Size	Units/Box	Case/Qty.
B-0	1 1/4" Round	100	
B-1	1 1/2" Round	30	
B-2	1 3/4" Round	30	
B-3	2" Round	30	
B-7	3" x 1 1/2" Oval	30	
B-7A	4" x 1" Oval	30	
203	Cold Vulcanizing Fluid, 8 oz.	1	24



Carbide Cutters

Rema Tip Top's high tensile Carbide Cutters are specially designed for preparing nail hole injuries. Use with electric drills or slow speed air tools. All diamond cut, long-life cutters are manufactured from high quality steel.

Stock No.	Description	Units/Box	Case/Qty
CC-3	1/8" Pointed Carbide Cutter	1	10
CC-4.5	3/16" Pointed Carbide Cutter	1	10
CC-6	1/4" Pointed Carbide Cutter	1	10
CC-8	5/16" Pointed Carbide Cutter	1	10
CC-10	3/8" Pointed Carbide Cutter	1	10



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Rema Stems Repair Units

Rema Stems are ideal for two-piece nail hole repair of radial or bias truck tires. Self-vulcanizing Rema Stems are specially contoured for easy application when used with Rema's Special Blue Cement and high quality carbide cutters. Use in conjunction with Rema Repair Units.

Stock No.	Description	Units/Box	Case/Qty
RS-6	1/4" Radial RemaStem/6 sleeves of 10	60	80
193	1/4" Radial RemaStem/1 sleeve of 10	10	480
RS-8	5/16" Radial Ream Stem	60	
194	5/16" Radial Ream Stem	10	
RS-10	3/8" Radial Rema Stem	20	
CC-6	1/4" Carbide Cutter	1	10
CC-8	5/16" Carbide Cutter	1	10
CC-10	3/8" Carbide Cutter	1	10
BL-8	Special Blue Cement, 8 oz.	1	24
BL-32	Special Blue Cement, 32 oz.	1	6
626	Pull Wires	10	100



Pre-Buff Cleaner

Rema Tip Top's Pre-Buff Cleaner dissolves mold-release lubricants and loosens other contaminants for easy removal with Rema's Rubber Scraper (#28), creating a clean surface before buffing.

Stock No.	Description	Units/Box	Case/Qty
70	Pre-Buff Cleaner, 16 oz. Spray Can	1	12
71	Pre-Buff Cleaner, 32 oz. Spout Can	1	12



Repair Sealant

Designed for use around the edges of the Repair Units on overbuffed areas and porous innerliners. Rema Repair Sealant creates an airtight seal, improving the integrity of the tire repair.

Stock No.	Description	Units/Box	Case/Qty
76	Repair Sealant, 16 oz. Brush Top Can	1	12
76-G	Repair Sealant, 1 Gallon Can	1	4



Rim/Bead Sealer

Rema's non-flammable Rim/Bead Sealer helps to prevent leaks between the tire bead and rim.

Stock No.	Description	Units/Box	Case/Qty
960	Rim/Bead Sealer 32 oz. Brush Top Can	1	6



Universal Mounting Paste

Tire Mounting Lubricants make mounting and demounting tires easier and faster, and reduce stress and damage to the bead area of the tire. Rema Tip Top's simple-to-use Tire Mounting Paste, applied with a sponge or brush, will not corrode or discolor aluminum or alloy wheels. Rema's quick drying formula will not freeze or harden, and reduces wear and tear on tire changing equipment.

Stock No.	Description	Units/Box	Case/Qty	Pallet
74	Universal Mounting Paste, 22 lb. Container	1		22
75	Universal Mounting Paste, 7.7 lb. Container	1	8	96
73	Brush for Mounting Paste	1		
75B	Bracket for 75 Mounting Paste	1		
75N	Universal Mounting Paste/New Container	1	8	128
75NB	Bracket for 75N Mounting Paste	1		



Tire Mounting Products

Rema's line of Tire Mounting Lubricants makes mounting and demounting of tires quick and easy. This superior product meets and exceeds industry standards.

Stock No.	Description	Units/Box	Case/Qty	Pallet
2278	8 lb. pail	1	4	120
2280	25 lb. pail	1		48
2012	Mounting Compound, 125 lb. drum	1		9
2014	Mounting Compound, 55 gallon drum	1		4
2182	Tire & Tube Mounting Compound, 40 lb. pail	1		24



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Rema Tip Top/Equal

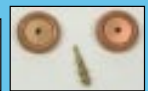
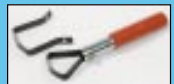
Equal is a non-toxic dry polymer designed to compensate for irregularities found within the tire/wheel assembly as well as irregularities in the road surface. It provides vehicle ride comfort levels beyond those of traditional balancing techniques. Available in convenient drop in bags.

Stock No.	Description	Units/Box
REMA-EQ-CS40AD	12 oz. (Air-X Valve Cores)	40
REMA-EQ-CS40BD	10 oz. (Air-X Valve Cores)	40
REMA-EQ-CS40CD	8 oz. (Air-X Valve Cores)	40
REMA-EQ-CS40DD	6 oz. (Air-X Valve Cores)	40
REMA-EQ-CS40ED	4 oz. (Air-X Valve Cores)	40
REMA-EQ-CS40FD	3 oz. (Air-X Valve Cores)	40
FVC1	Air-X Filtered Valve Core	20
FEXTNP80	Nickel Valve Extension Filter	50
QVSFETEX	Brass Valve Extension Filter	50
CAMBLK50	1/4" 50 CFM Block	1
CAMBLK80	1/2" 80 CFM Block	1
CAMBLKADE	1/4" 50 CFM Block Element	1
CAMBLKADE80	1/2" 80 CFM Block Element	1



Accessory Tools

Stock No.	Description	Units/Box	Case/Qty
6008	Flex Knife	1	12
27	Replacement Blade for 28	1	10
28	Scraper	1	10
190	Awl	1	10
6014	Brass Bristle Brush	1	10
30	Ball Bearing Stitcher 1-1/4" x 1/8"	1	5
6005	Ball Bearing Stitcher 2" x 1/4"	1	5
33	1/4" Drill Arbor for mounting Buffing Wheels	1	10
34	2-1/2" Diameter Buffing Wheels, Fine Grit	1	10
626	Pull Wires	10	100
6020	16 oz. Aluminum Cement Dispenser with Brush	1	



Marking Crayons

High quality, easy to see Marking Crayons write on almost anything. Sold only in box quantities. 12 pieces per box, 12 boxes per case.

Stock No.	Description	Units/Box	Case/Qty
62Y	Yellow Marking Crayon	12	144
62W	White Marking Crayon	12	144
64	Marker Paintstick - White	12	
65	Marker Paintstick - Yellow	12	



Quick Release Couplers & Adapters

Designed for use with Rema's 6491-QR and most other slow speed buffers, these Quick-Release Couplers and Adapters provide maximum versatility and flexibility.

Stock No.	Description	Units/Box	Case/Qty
6060	QR Chuck Set, 2 QR Arbors	1	10
6066	2-1/4" Threaded QR Arbor, 3/8", 24-T	1	10
6067	2-1/4" Threaded QR Arbor, 3/8", 24-T with Sleeve	1	10
6068	QR Adapter w/set screws for 1/4" shank (use with CC-4.5 & CC-6)	1	10
6068-125	QR Adapter w/set screws for 1/4" shank (use with CC-3)	1	10



Rubberhog Flared Contour Wheels

Rubberhog tools are designed to deliver efficient cutting action without scorching or grooving rubber surfaces. Sizes range from 1-3/4" to 2-1/2". Grit shown for comparison purposes.

Stock No.	Description	SSG	Grit	Unit/Box
RH-102	1-3/4" x 3/4" Flared Contour Wheel, 3/8" bore	230	36	1
RH-150	Polyurethane Plug for 1-3/4" Flared Contour Wheels			1
RH-107	2-1/2" x 1" Flared Contour Wheel, 3/8" bore	170	60	1
RH-109	2-1/2" x 1" Flared Contour Wheel, 3/8" bore	230	36	1
RH-152	Polyurethane Plug for 2-1/2" Flared Contour Wheels			1
RH-114	3" X 1-1/4" Flared Contour Wheel, 3/8" Bore	230	36	1
RH-154	Polyurethane Plug for 3" Flared Contour Wheels			1



Wire Brushes/Wheels

Encapsulated Wire Brushes operate at 5,000-rpm maximum, and are perfect for buff texture of tube type tires and tubes.

Stock No.	Description	Units/Box	Case/Qty
6055	2" Encapsulated Wire Brush (5,000 rpm max.)	1	12
6056	3" Encapsulated Wire Brush (5,000 rpm max.)	1	12
6057	3" Rotary Wire Brush (5,000 rpm max.)	1	12



Slow Speed Air Buffers

Designed to last, Rema Tip Top's quality, durable Slow Speed, (2,500 rpm), Air Buffers are the right choice for injury and surface preparation. Complete with Quick Release-Chuck and rear exhaust.

Stock No.	Description	Units/Box	Case/Qty
6491QR	Slow Speed Buffer, QR Chuck 2,500rpm, geared, w/rear exhaust	1	
77	Moisture Guard	1	12



Vacuum Cleaner

Rema's air operated wet or dry vacuum replaces standard shop vacs at repair stations. Easy hook-up and effective suction makes short work of any buffing dust and water clean up in the tire. Excellent for use on mobile service trucks.

Stock No.	Description	Unit/Box
795	Air Vacuum, dry, includes bag	1
798	Air Vacuum with Water Hose Attachment	1
796	Replacement Vacuum Bag	1
797	Replacement Water Hose	1



Tire Talc

Tire Talc makes tube repair and installation a breeze. It helps eliminate tube and liner damage.

Stock No.	Description	Units/Box	Case/Qty
63	Tire Talc, 1 lb. Shaker Top Canister	1	10



A & B Compound

Rema Tip Top's Vulc Compound has no equal when it comes to cold vulcanization injury filling. Equal quantities of A compound and B compound produce a durably permanent repair.

Stock No.	Description	Units/Box
50	A + B Vulc Compound Kit 2 lb. can of A compound 2 lb. can of B compound 1 can Special Blue Cement 350 g	1
51	A + B Vulc Compound Kit 1 lb. can of A compound 1 lb. can of B compound 2 cans of Special Blue Cement 70 g each	1



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Truck Tire Nail Hole Repair Guide

Contact your Rema Tip Top Distributor for a free Repair CD or Video.

Tires should be removed from the wheel for proper repair



Find the Injury.



Remove the object.



Inspect the damage using a 190 awl.



Apply the #70 Pre-Buffer cleaner.



Use a #28 scraper to remove contaminants.



From the inside of the tire ream the injury using the carbide cutter with a 6491QR slow speed buffer.



From the outside of the tire ream the injury using the carbide cutter with a 6491QR slow speed buffer.



Using Special Blue Cement and a 626 pull wire, cement the injury channel.



Put the RemaStem into the 626 pull wire and insert through the injury.



Pull the RemaStem through the tire.



Cut the RemaStem off slightly above the Innerliner.



Buff the repair area using a buffing or contour wheel with the slow speed buffer.



Using the 6014 Brass Brush, remove the buffing dust from the buffed area.



Apply the Special Blue Cement to the buff surface; continue brushing until it is dry.



Install the repair unit.



After the repair unit is applied, stitch thoroughly from the center out.



Apply 76 Repair Sealant over the entire buffed area and the repair unit.



Trim the Stem Flush.

Refer to the Rema Tip Top Repair CD or Video for complete detailed repairing instructions.

All charts in this catalog reflect International Repair Standards, determined on the basis of practical experience, bench checks and tests. THEY NEITHER INCORPORATE NOR ARE INTENDED AS A REFERENCE TO LOCAL, STATE, OR NATIONAL STANDARDS THAT MAY EXIST IN YOUR COMMUNITY. When repairing a tire: make a general examination to ensure that the tire can be repaired. Examine the tire for hidden damages. Stay within the maximum limits for repairable injuries indicated by the chart. Make independent assessments based upon your own knowledge and experience, local, state, and national safety limits and regulations, local road and operating conditions, regarding the application of repair criteria and limits more stringent than shown on these charts. Follow all applicable fitting and processing instruction, as well as other directions for the use of your Tire Repair Equipment Materials. Always consult the Tire Manufacturer for the repair limits.

REPAIR UNIT REFERENCE CHART: TREAD AREA ONLY

Tire Type	Product	3/16" (4.5mm) Injury	1/4" (6mm) Injury	5/16" (8mm) Injury	3/8" (10mm) Injury
Med./Heavy	Minicombi	A-4.5	A-6	B-8	B-10
Truck	Rema Stem		RS-6	RS-8	RS-10
	Repair Unit		UP-6	UP-8	RAD120
	Carbide Cutter	CC-4.5	CC-6	CC-8	CC-10

"C" Maximum		Ply Rating Puncture Repair Bias Tires Tread Area Only					
Inch	mm	4	6-8	10-12	14-16	18-20	22-24
3/8"	10	PN-2	PN-2	PN-3	PN-3	PN-4	PN-4

For more product information, order the following catalogs:

RTTNA-NHP-01 Passenger and Light Truck Tire Nail Hole Repair Catalog
 RTTNA-NHT-01 Medium/Heavy Duty Truck Tire Nail Hole Repair Catalog
 RTTNA-TSR-01 Truck Tire Section Repair Catalog
 RTTNA-EM-01 OTR/EM Tire Section Repair Catalog
 RTTNA-A-01 Accessory Catalog

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REMA TIP TOP/NORTH AMERICA INC

RTTNA-NHT-01

North American Corporate Office:
 119 Rockland Avenue, Northvale, New Jersey 07647
 (800) 225 7362 • www.rematiptop.com
 Fax (800) 338 7362 • (201) 768 2395