# **Tire Changer Accessories**

For Hunter Automatic and Conventional Tire Changers

HUNTE

Including Accessories for the NEW TCX575



Equipment Lubricant



## **Standard Accessories**

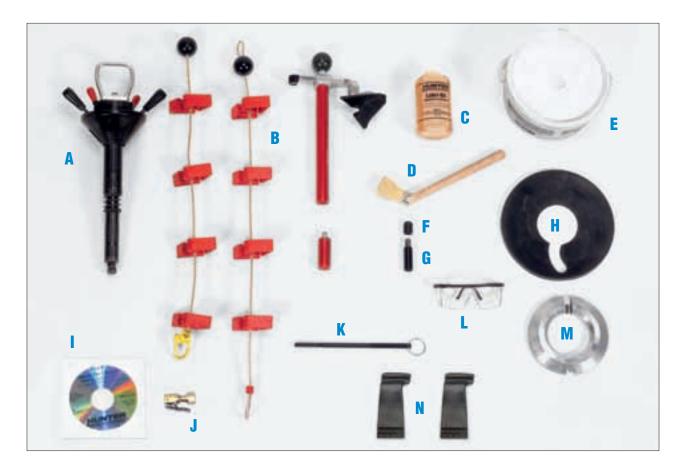
The standard Auto34 tire changer comes equipped to handle virtually all common tire and wheel combinations. Certain specialized applications can be handled or optimized with accessories.

## **TCA-Series Standard Accessories:**

- A. Quick Clamp
- B. Bead Depressor Tail & Traction Bar
- C. Lubrication Oil
- **D.** Paste Brush
- E. Paste
- F. Pin Protector (2)
- G. Pin Extension
- H. Support Plate Cover (2)
- I. Operation DVD
- J. Air Chuck
- K. Finger Tool
- L. Glasses
- M. Cone two-sided
- N. Toolhead (2)
- **0.** TPMS Wall Chart (not shown)

(RP6-G1000A80) (RP6-G1000A67) (148-133-2) (RP6-1506) (RP6-3784) (RP6-710090480) (RP6-710012940) (RP6-710013421) (5811-T) (145-341-2) (RP6-710090780) (179-15-2) (RP6-1157) (RP6-710011940) (5675-T)





The following options can be used to enhance servicability of specialized applications.

## **TCA-Series Optional Accessories:**

A. Wheel Lift	(20-2236-1)
B. Pax Kit	(RP6-G1000A73)
C. Flange Plate Kit	(RP6-G1000A87)
D. Mirror	(RP6-G1000A86)
E. Insert-Ready Toolhead	(RP6-G1000A89)
F. Insert for Toolhead above (50)	(RP6-G1000A90K)
G. Contoured Press Head	(RP6-G1000A94)





A

# **Optional Wheel Lift System**

**All Models** 

Servicing large, heavy SUV, light-truck and custom wheels requires extra effort. The optional pneumatic wheel lift helps lift wheels to prevent potential injuries and fatigue from lifting heavy wheels into place.

The pedal-controlled wheel lift quickly raises the wheel, leaving the technician's hands free to control the wheel and position it on the tire changer clamping system.

A wheel lift can be ordered with newly purchased tire changer or separately as a retrofit kit. See the chart below for part numbers.



**Model Number with** Wheel Lift Part Number **Base Tire Changer** Wheel Lift Included If Ordered Separately TCA34 TCA34W 20-2236-1 **TC3710E TC3710EW** 20-2201-1 TC3510E 20-2201-1 **TC3510EW** TCX575 TCX575W 20-2044-1 TCX550EBPS TCX550EWBPS 20-2044-1 20-2045-1 TCX535A TCX535AW TCX535E 20-2045-1 TCX535EW Other TCX500 -----20-2045-1



## Integrated Wheel Lifts Boost Productivity... Help Prevent Injury and Fatigue



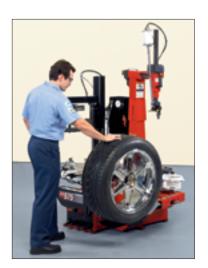
The Hunter Wheel Lift System makes servicing large wheels easy! Roll the wheel on the lift...



... activate the automated lifting device by pressing the lift foot pedal.



The lift automatically positions the wheel at an ergonomic height. Simply position wheel as needed.<sup>†</sup> It's that easy!







The Large Wheel Clamping Upgrade Kit increases TC3500/TC3250 wheel service capacity to 26" wheel diameter and to 28" for the TC3510. The Large Wheel Upgrade Kit components may be ordered separately.

Note: Any increase in maximum bead loosening diameter using these kits results in a corresponding decrease in the minimum diameter.

## **TC35XX Large Wheel Kits Include:**

A. Mounting Belt Kit	(RP6-G1000A8)
B. Column Spacer	(RP6-10646)
C. Storage Bracket * HSC Note: Order as RP6-7900113100	(RP6-13173)
D. Short Cone (2)	(RP6-1460)†
E. Cam Plate Spacers (4)	(RP6-13613)†
F. Cone Protector	(RP6-1156)
G. Two-Sided Cone	(RP6-1157)
H. Cam Plate Assembly shown with RP6-13719 Rubber Pad (2)	(RP6-13599)
I. Shaft Protection Sleeve	(RP6-8703)
J. Quick Disconnect Center Shaft	(RP6-11522)
K. Rubber Pad (2) (Not shown)	(RP6-13719)†
When used with TC3500-SS: - Max bead loosening diameter is 26", Min b - Clamping up to 26" may be done w/ jaw exte	

When used with TC3510:

- Max bead loosening diameter is 28", Min becomes 16".
- Clamping larger than 22" must be done w/ cam plate (unless RP6-G1000A17 is used, then 26").



The HP Kit enhances high-performance wheel clamping, bead loosening and tire mounting of many high-performance and custom reversed drop-center wheels. The HP Kit is suitable for TC3510 and TC3500-SS models.

## TC3500 High-Performance Upgrade Kits Include:

A. Mounting Belt Kit	(RP6-G1000A8)
C. Storage Bracket	(RP6-13173)
* HSC Note: Order as RP6-7900113100	
D. Short Cone (2)	(RP6-1460)
F. Cone Protector	(RP6-1156)
I. Shaft Protection Sleeve	(RP6-8703)
J. Quick Disconnect Center Shaft	(RP6-11522)

\*\* HP kit fits TC3500 & TC3510 changers equally.

	Part # Description Kit Includes			Kit Includes
	HP	20-2156-1	Fits TC3500-SS or TC3510 with QD Support	High-Performance Kit - Center Support, Cones, Mounting Belt
L	arge	20-2014-1	Fits TC3500-SS without QD Support	QD Center Support Kit (RP6-10822), TC3500 EVO 26" Upgrade Kit (RP6-10669)
V	Kit	20-2015-1	Fits TC3500-SS or TC3510 with QD Support	Large Wheel Kit (RP6-10669)

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## High-Performance Upgrade Kits Provide Multiple Methods of Clamping Difficult Tire and Rim Combinations

Conventional Drop-Center Wheel With Inside Rubber Pad Clamping Using Center Support Large Wheel Kit High-Performance Kit Without Extensions...



With Extensions...



Conventional Drop-Center Wheel With Inside Rubber Pad Clamping Using Added Center Shaft & Cones Large Wheel Kit High-Performance Kit





Reverse Drop-Center Wheel With External Jaw Clamping

> Large Wheel Kit High-Performance Kit





Conventional or Reverse Drop-Center Wheels With Cam Plate & Cone Clamping

Large Wheel Kit I High-Performance Kit





With Two-Sided Cone...

# **Standard Accessory Packages**

Each Hunter TC-Series tire changer includes a variety of accessories to help service a wide range of tire and wheel combinations.

	Part #	Description	TC3710	TC3510HP	TC3510
A	RP6-G1000A23	Force Multiplier	X	X	
B	RP6-G1000A67	28" Bead Depressor Tail	X	X	X
C	RP6-G1000A7	Mechanical Bead Roller	X	X	X
D	RP6-710013421	Wheel Support Plate Cover (2)	X		
Е	RP6-710012940	Drive Pin Extension	X		
F	RP6-710090480	Pin Protector (2)	X		
G	RP6-13173	Storage Bracket	X	X	
H	RP6-11522	Quick Disconnect Shaft		X	
Т	RP6-8703	Shaft Protector Sleeve		X	
J	RP6-1156	Cone Protector		X	
K	RP6-1460	Short Cone (2)		X	
L	RP6-G1000A8	Mounting Belt		X	
М	RP6-G800A11	Shovel Protector (2)	X	X	X
N	RP6-G1000A11	"HM" Bead Lever	X	X	X
0	RP6-0326	Bead Protector Sleeve	X	X	X
Р	RP6-8659	External Rubber Clamp Jaw		X	X
Q	RP6-1506	Paste Brush	X	X	X
R	RP6-3784	Mounting Paste	X	X	X
S	148-133-2	Lubrication Oil	X	X	X
Т	145-341-2	Air Chuck	X	X	X
U	179-15-2	Safety Glasses	X	X	X
V	221-675-2	Extra Mount Head	X	X	X
W	RP6-1157	Two-Sided Cone	X		
X	5675-T	TPMS Wall Chart (not shown)	X	X	X









TC3510-HP

# **TC-Series Accessories**

## TC3700, TC3510HP, TC3510, TC3250



## Quick Disconnect Center Shaft (RP6-11522)

Replaceable Center Shaft with quick disconnect coupler allows additional clamping accessories to be utilized including cam plate and cones. Interchange coupler bolt is not included.



Two-Sided Cone for LT Wheels (RP6-1157)

For use with the regular-sized clamping cone when the wheel hub bore is larger than the standard cone and the cam plate clamping method is selected.

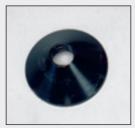


**Cone Cover, Wheel Hub Protector (RP6-1156)** Protects the wheel hub bore from contact when clamping with the short cone (RP6-1460) is a concern.



## Shaft Cover, Wheel Hub Protector Sleeve (RP6-8703)

The Protector Sleeve protects the wheel hub from potential shaft contact. Installs over the top of the center shaft (RP6-11522) when installing or removing a wheel from the Center Shaft Kit.



**Short Cone (1 ea.) (RP6-1460)** The Short Cone Kit helps provide added stability when utilizing the QD center shaft without the cam plate. Clamping cones are <u>not to be used without</u> the added support of the rubber pad internal clamping method (2 required).



**Cam Plate Assembly (RP6-13599)** For clamping without the need to use the internal rubber pads or external extension arms or jaws. A must if lifting and servicing reversed drop center wheels larger than 20" with the wheel lift. Shown with Rubber Pads (RP6-13719) installed.



**Cam Plate Spacer** (1 ea.) (RP6-13613) To raise the cam plate on the clamping system for "non-reversed" traditional wheels on the cam plate assembly (4 required).



### Rim Securing Device (RP6-1485) TC35XX, TC3250

For internal clamping of conical or greasy wheels. Prevents damage to rim surface coating.



#### Flange Plate, Center Support Ring For wheels with extra-large center holes. Attaches to center support.

 For TC35XX/TC3250 "QD" Systems (RP6-13911) 210 mm diameter
For TC3250/3500 (RP6-4140) 200 mm diameter



Storage Bracket (RP6-7900113100) For storage of the center-shaft or center support when not in use.

center support when not in use. Attaches to the storage tray by drilling two small holes.



Extension Arm Kit for TC35XX/ TC3250 (4 ea.) (RP6-G1000A17) Extension arms available without column extension plate.



#### External Rubber Clamping Jaw for TC35XX /TC3250 (1 ea.) (RP6-8659)

For external clamping of reverse drop center rims. Not compatible with first generation RP6-4177.



Clamping Jaw – Steel (1 ea.) (RP6-2252)

Replacement steel jaw for clamping arm. For securing wheels when marring inside of rim is of no concern.



Flange Plates for TC3700 (RP6-G1000A87)

Useful for plastic-faced wheels and/or reverse wheels where maximum finish protection is needed.



40 Rimsled & Two-Mount Head Kit (RP6-G1000A91K)

Provides additional protection for painted or plastic-clad rims. Rimsled only fits "black" mount heads supplied in kit.



Blast Inflator Retrofit Kit (RP6-710290860)

Kit to retrofit existing TC3250 or TC3500 with new Blast Inflation System.



**19.5 Adaptor (20-2341-1)** Adapts large centerbore wheels to TC3700 and Auto34 tire changers.

# TC-Series Accessories continued....



Mounting Belt Kit (RP6-G1000A8) For mounting and matching difficult ultralow-profile and runflat tires.

Shown (at left) with optional 28" Bead **Depressor Tail** with Traction Beam.







Mechanical Bead Roller (RP6-G1000A7) Pushes the upper bead of the tire below the right hand area of the mount head keeping the tire in the proper location during mounting. Eliminates extra work to mount stiff tires.



## **Plastic Shovel Protectors (1 ea.)** (RP6-G800A11)

Clip-on side shovel protectors prevent metal-tometal contact when bead loosening, preventing damage to the wheel.

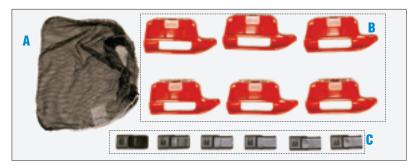


## Polymer Mount/Demount Head (1 ea.) (221-675-2)

Rides closer than steel designs, reducing stress to beads when demounting and mounting low-profile tires. Wear component designed to protect the tire and rim.

#### Polymer Mount/Demount Heads (6 ea.) (221-675-2-B)

Receive the benefits of quantity discount pricing.



#### **Polymer Head Tire Changer Maintenance Kit (20-1506-1)** Provides convenient way to store maintenance items at the tire changer.

Kit includes:

- A. Nylon Mesh Storage Bag
- **B.** Polymer Mount/Demount Heads (6 ea.) (221-675-2)
- (166-51-2)

(RP6-0326)

**C.** Bead Lever Protector Sleeves (6 ea.)



### Heavy-Duty Paste Bucket Mounting Bracket (RP6-0223)

Fits 3.5 kg and 5 kg size buckets. Easily installed on any convenient surface by installing two  $\frac{5}{6}$ " bolts at 2" apart.



## Drive Pin Protectors for TC3700 & TCA34 (RP6-710090480)

Plastic cap protects lug holes of reverse wheels when clamped face down.



**Mount/Demount Head, Motorcycle & Extra Small Wheel (RP6-G1000A15)** Replacement polymer mount/demount head. Included in motorcycle kits #RP6-2053 and #RP6-3794.



#### Rubber Protection Plate for TC3700 & TCA34 Tire Changers (RP6-710013421)

Protections plate is soft for protecting reverse rims. Intended to be removed when not in use to protect reverse wheels.

# **TCX Standard Accessory Packages**

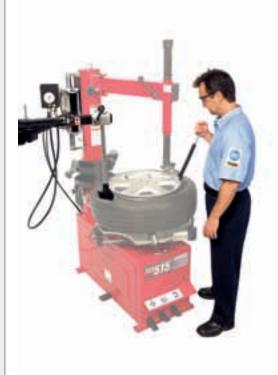


	Part #	Description	TCX575	TCX535	TCX515	TCX505
A	BPS	Bead Press System w/ two roller arms & lift/disk	X	X		
B	BP	Single Bead Press Arm			X	
C	RP11-2121350	Large Pressing Cone	X			
D	RP11-2413305	Small Pressing Cone	X			
E	RP11-2202239	Pressing Cone Extension	X			
F	RP11-4-403749	BP Press Cone			X	
G	RP11-8-11400087	Bolt-on Plastic Head		X	X	
H	RP11-5-490223	Plastic Shovel Protector (4)	X	X	X	X
L	RP11-8-11400276	Expander/Reducer Clamp		X	X	
J	RP11-8-11400085	Jaw Protector (8)		X	X	X
K	RP11-5-401110	6" Jaw Extender	X			
L	RP11-8-11400096	Mount Head Insert (Traditional)		X	X	X
М	RP11-8-11400293	Leverless Mount Head Insert	X			
N	145-341-2	Tire Inflator/Air Chuck	X	X	X	X
0	RP6-G1000A52	Bead Lever (Standard)	X	X	X	X
P	RP11-8-11400098	Bead Lever Protector Sleeve (4)	X	X	X	
Q	RP6-G1000A11	"HM" Bead Lever		X	X	
R	RP11-2020688	Valve Stem Puller	X			
S	RP11-2020689	Valve Core Remover	X			
T	RP11-2202106	Rim Edge Protector	X			
U	RP6-3784	Mounting Paste 3.5 kg	X	X	X	X
V	148-133-2	Lubrication Oil	X	X	X	X
W	179-15-2	Safety Goggles	X	X	X	X
X	RP6-1506	Applicator Brush	X	X	X	X
Y	5675-T	TPMS Wall Chart (not shown)	X	X	X	X
Z	RP11-2202106	Rim Edge Protector	X	X	X	X





# **Optional Bead Lifting/Pressing Tools**



## BP Bead Press Arm for TCX500 Family (20-2172-1)

- The pressing head pushes the tire into the drop-center when demounting stiff sidewall tires, greatly reducing lever effort and risk of bead damage.
- The standard Press Cone used with the Bead Press Arm will press the rim onto the jaws for easier clamping of stiff tires.
- The standard Bead Press Roller keeps stiff tires under the mount head and guides the bead.
- Lifting Hook.
- May be retrofit to TCX500 units after serial number IDA000559.

## Standard With TCX515

## Bead Press System for TCX500 Family (20-1996-1)

- Patented system uniquely centers the pressing capabilities over the center of the wheel and tire to ensure maximum service strength and rigidity.
- Provides effortless assistance with most difficult tires and custom wheels up to 26" diameter.

## Kit includes:

Bead Press System with Stationary Arm, Rotating Arm & Bead Lifting ArmSmall Pressing Cone(RP11-2413305)Large Pressing Cone(RP11-2121350)Pressing Cone Extension(RP11-2202239)

## Standard With TCX575 & TCX535

## **TCX-Series Accessories**



Jaw Extender & Reducer (4 ea.) (RP11-8-11400276) Extends range by 4" (Up to 26" For TCX500 Family). Reduces range by 5" (Down to 6" For TCX500 Family).

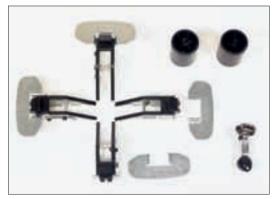


**Jaw Protectors (8 ea.) (RP11-8-11400085)** Polymer jaw covers prevent metal-to-metal contact when performing external clamping.



## Mechanical Bead Roller For TCX505-550 (RP11-5-400900)

Optional feature used to mount stiff low-profile tires. Eliminates extra work to mount stiff tires.



### 30" Kit For TCX550 (RP11-8-11400162)

- 6" jaw extensions with removable lands, prevent the bottom head of the tire from pushing below the rim when the top bead is being mounted.
- Includes mechanical bead roller for additional press point.
- Shorter rollers give 2" greater BPS diameter capacity.



Lube Roller For TCX515 (RP11-8-11400153)

The optional lubrication roller allows the rim and tire to be lubricated. Eases demounting effort and protects the tire and rim.



**Storage Tray For TCX500-535 (RP11-8-11400187)** One tray standard on all TCX500s. Second standard on all TCX500BP. Each TCX500 can use up to 2 trays (two shown). (Accessories available separately.)



**Convex Rim Head For TCX550** (**RP11-8-11400039**) Suitable for convex raised spoke wheels.



## Polymer Mount/Demount Head With Metal Bracket (1 ea.) (RP11-8-11400087)

Replacement polymer mount/demount head with adapter. Wearing mount/demount head protects tire and rim from metal-to-metal contact damage.



Steel Mount/Demount Head (1 ea.) (RP11-5-400439) Replacement steel mount/demount head.



Plastic Protectors for TCX575 Mounting Heads (5 ea.)(RP11-8-11400293) Polymer inserts.



**Motorcycle Adaptor (RP11-2200277)** Raise the clamping jaws to clear the integrated disc brake or drive sprockets used on motorcycle wheels. Clamping faces are covered in plastic to prevent damage to the wheel.



Polymer Mount/Demount Head (1 ea.) (RP11-8314813)

Replacement polymer mount/demount for TCX-Series tire changers. Wearing component designed to protect tire and rim.



### Plastic Shovel Protectors (4 ea.) (RP11-5-490223)

Clip-on side shovel protectors prevent metal-

to-metal contact when bead loosening low-profile tires on expensive alloy wheels, preventing damage to the wheel.



Plastic Protectors for Steel Mounting Heads (RP11-8-11400096) (10 ea.) Polymer inserts for TCX-Series steel mounting head.

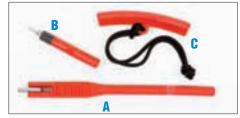
# **Universal Series Accessories**



- **A. High-Performance Bead Lever "HM" (RP6-G1000A11)** Patented, high-performance bead lever dramatically reduces servicing effort. A must for servicing low-profile tires.
- **B. Bead Lever Protector Sleeve (RP6-0326)** Sleeve protects wheel flange by allowing the bead lever to slip out of the tire instead of being dragged against the rim during demounting. Box of 10 (RP6-0326-B).



- **A. Traditional Flat Design Bead Lever (RP11-3009516)** For demounting tires on conventional tire changers.
- **B. Bead Lever Sleeve Protectors (4 ea.) (RP11-8-11400098)** Sleeve protects wheel flange by allowing the bead lever to slip out of the tire instead of being dragged against the rim during demounting. For use with RP6-0322 Bead Lever Tool.



### **Additional Accessories**

- A. Valve Stem Puller (RP11-2020688)
- B. Valve Core Remover (RP11-2020689)
- C. Rim Edge Protector (RP11-2202106)



### Bottle Oil – Lubri-Oil Air Equipment Lubrication (148-133-2)

Lubri-Oil will not emulsify in water. When the lubricator becomes contaminated with water overflow from the regulator, the oil will separate. Available in 16-oz. bottles. Twelve (12) to a case when ordered in quantity. Lubri-Oil weight is ISO32.



## Tsunami™ Automatic Water Separator (20-1612-2)

Removes moisture and particulate from compressed air down to 10 microns. Integrated drain automatically ejects trapped water at the base of the unit. No filters requiring periodic change. Virtually no maintenance required. Capable of supplying clean, dry air to multiple pieces of equipment and tools. 100 cfm @ 175 psi.



#### Aluminum Clamp (RP11-8-11400070)

Drop-Center Clamp can be used as a traction point or bead guide. Guides bead into drop center.



## Drop-Center Mounting Clamp (RP6-70210E)

Use mounting clamp to help position the bead into the drop-center. Not for extreme positive offset, flat-faced rims or soft-line flanges. Alternative tools: RP6-1572, RP6-7290.

### A. Mounting Paste (3.5 kg) (RP6-3784)

Eases mounting of stiff low-profile tires. Aids in faster bead sealing during inflation. High-performance mounting paste is premixed to prevent incorrect mixing of water to liquid concentrates.

Also available:

- Mounting Paste, 8 (3.5 kg) Buckets (RP6-3784-B)
- Mounting Paste, 64 (3.5 kg) Buckets = 1 pallet (RP6-3784-BP)

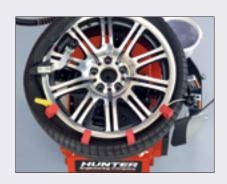
### **B.** Brush, Angled Applicator (RP6-1506)

Allows for proper application of mounting paste. Angled to allow easy access to the "toe area" of the bead most commonly damaged during mounting.



## Optional Bead Depressor Tail Helps Position Low-Profile Tires Into "Drop-Center" for Mounting and Demounting

Keeping the upper bead of the tire lubricated and pushed to the edge of the rim's drop-center is crucial. This tool should be an essential part of the mounting process.





#### 28" Bead Depressor Tail With Traction Beam for TC3500/ TC3250 (RP6-G1000A67)

Bead Depressor Tail with traction beam aids in locking tire to rim and pushing low-profile tires down into drop center for mounting. Services up to 28" diameter rim.



**EH2 Bead Depressor Block (RP6-12749)** The deeper EH2 block pushes the tire deeper into the wheel to more easily service BMW runflat tires, EH2, Motorsport and deep drop center, alloy wheels.

## **PAX®** Tire System Tools & Kits

	Part #	Description	TC3700 20-2268-1	TC3500 20-1795-1
A	RP6-14783	PAX Arm with Large Roller	x	x
B	RP6-41942	PAX Arm with Small Roller (2)	X	X
C	221-684-2	Ratchet Strap	X	X
D	RP6-8703	Brass Shaft Protector	X	X
E	RP6-11522	Quick Disconnect Shaft	X	X
F	RP6-1156	Short Cone Rim Protector		X
G	RP6-1460	Short Cone (2)		X
H	RP6-4153	Stroke Limiters		X
T	RP6-4100001	PAX Bead Levers (2)		X
J	RP6-7042	Plastic Rim Protectors (4)	X	X



PAX Upgrade Kits used to upgrade early TC3500's may also require the Quick Disconnect Coupling Bolt and Center Support Kit (RP6-10822) to utilize the newly upgraded Quick Disconnect Threaded Center Shaft (RP6-11522) supplied in the newer PAX Upgrade Kits.

### PAX Orbiter Workstation (20-1793-1)

The patented Orbiter Workstation simplifies the insertion and extraction of the PAX support ring. Operates with one foot pedal.





Hunter tire changing equipment is approved for servicing Michelin<sup>®</sup> PAX<sup>®</sup> Systems.

Be sure to check out other Hunter literature for more quality products from Hunter Engineering.





Because of continuing technological advancements, specifications, models and options are subject to change without notice.



www.Hunter.com

Form 4042-T, 12/09 Supersedes 4042-T, 12/08