



2023 Price Sheet

version 6.2.23

## 2023 Wheel Service Price List

Passenger Tire Changer Products						
MODEL NUMBER		DESCRIPTION	MAXIMUM TIRE WIDTH	MAXIMUM TIRE DIAMETER	MAP  (Minimum Advertise Price)	List Price  USD
R1200 LEVERLESS  RWC1200		<b>Dual ROLLER Leverless Center Post Clamping</b> <ul style="list-style-type: none"> <li>• UPPER and LOWER Bead Rollers</li> <li>• Single point tool adjustment</li> <li>• Pneumatic helper with wheel lift</li> <li>• Variable Speed Control "VSC"</li> <li>• Wheel Diameter Range 10"- 30"</li> <li>• Handheld inflator/bead blaster</li> <li>• Driven by a 220v / 1Ø / 60 Hz variable speed motor</li> </ul> Includes: (1) tub mounting paste w/ brush, (1) Traction device Site Requirements: 220V /1Ø / 20 amp power supply, 115-145 psi air supply . NEMA L6-20P Plug.	Up to 19"	45"	\$22,391	\$34,184
R1150 LEVERLESS  RWC1150.30IB		Leverless Center Post Clamping <ul style="list-style-type: none"> <li>• Pneumatic helper with wheel lift</li> <li>• Variable Speed Control "VSC"</li> <li>• Wheel Diameter Range 10"-26"/12"-28"/14"-30"</li> <li>• Handheld inflator/bead blaster</li> <li>• Driven by a 220v / 1Ø / 60 Hz variable speed motor</li> </ul> Includes: (1) tub mounting paste w/ brush, (1) Traction device Site Requirements: 220V /1Ø / 20 amp power supply, 115-145 psi air supply . NEMA L6-20P Plug.	15"	45"	\$15,230	\$23,252
R247D.CL  RWC247D.CL1B		<b>Center Post Swing Arm</b> <ul style="list-style-type: none"> <li>• Quick Lock Wheel Centering Adapter</li> <li>• <b>Hand Operated</b> Double-acting bead breaker cylinder</li> <li>• Plastic &amp; Steel Mounting Head</li> <li>• Wheel Diameter: 10"-30"</li> <li>• Handheld inflator/bead blaster</li> <li>• Driven by a 220v / 1Ø / 60 Hz variable speed motor</li> </ul> Includes: (1) tub mounting paste w/ brush Site Requirements: 220V /1Ø / 20 amp power supply, 115-145 psi air supply, NEMA L6-20P Plug.	15"	47"	\$11,062	\$16,889
R145DR TILT BACK VSC  RWC645D.26IHRB		<b>Tilt Back - High Performance Tire Changer</b> <ul style="list-style-type: none"> <li>• Variable Speed Control "VSC" (R145DR only)</li> <li>• Pneumatically tilting column ensures peak rigidity</li> <li>• <b>Hand Operated</b> Double-acting bead breaker cylinder</li> <li>• Works on low-profile &amp; large-sized steel or alloy rims</li> <li>• Inside clamping 12"-28.5" / Outside clamping 10"- 26"</li> <li>• Extra-wide heavy-duty frame, table inflation system</li> <li>• Helper Arm Included / Installed Includes: (1) tub paste w/ brush,(4) clamp protectors,(1) bead breaker blade protector,(2) tool protection kit, bead lever &amp; NEMA L6-20P plug, plastic mount/demount head</li> </ul> Site Requirements: 220v / 1Ø / 20 amp,115-145 psi air supply	17"	45"	\$10,778	\$16,455
R146R SWING ARM PRO  RWC246.26IRB		<b>Swing Arm Pro - High Performance Tire Changer</b> <ul style="list-style-type: none"> <li>• High volume, extra wide chassis • Table inflation system</li> <li>• <b>Hand Operated</b> Double-acting bead breaker cylinder</li> <li>• Equipped with air tank in the column &amp; valve tray</li> <li>• Pressed cast aluminum pedals that can be removed for easy servicing</li> <li>• Inside clamping 12"-28.5" / Outside clamping 10"-26"</li> </ul> Includes: (1) tub paste w/ brush,(4) clamp protectors, (1) bead breaker blade protector, (2) tool protection kit, bead lever, plastic mount/demount head Site Requirements: 110v, 115-145 psi air supply	15"	46"	\$6,325	\$9,657
R146RP  SWING ARM PRO with HELPER  RWC246.26iRP		Same Changer as R146R(above) plus the helper arm(PLUS91SA) **Assembly required**	15"	46"	\$8,417	\$12,850
R146RPSUPER  SWING ARM PRO MAXED OUT  RWC146RPS		Same Changer as R146RP (above) plus the VSG800A69 Wheel Lift, VSG800A77 Storage cab., VSG800A18 Bead Pusher (Metal Head), VSG800A59 Bead Pusher (Plastic Head) **Assembly required**	15"	46"	\$9,344	\$14,265









<b>R146RA</b> <b>SWING ARM PRO</b> <b>AIR</b> <b>RWC246.26iRAB</b>		<b>Swing Arm Pro AIR - High Performance Tire Changer</b> <ul style="list-style-type: none"> <li>• Same Changer as the R146R With an <b>AIR DRIVE MOTOR</b></li> <li>• Inside clamping 12"-28.5" / Outside clamping 10"-26"</li> </ul> Includes: (1) tub mounting paste w/ brush,(4) clamp protectors, (1) bead breaker blade protector, (2) tool protection kit, bead lever, plastic mount/demount head Site Requirements: <b>AIR</b> no Electric Required	15"	46"	\$7,086	\$10,819
<b>R146RAP</b> <b>SWING ARM PRO</b> <b>AIR</b> <b>RWC246.26iRAP</b>		Same Changer as R146RA (above) plus the PLUS91SA Helper Arm  <b>**Assembly Required**</b>	15"	46"	\$8,960	\$13,680
<b>R146RAPSUPER</b> <b>SWING ARM PRO</b> <b>MAXED OUT</b> <b>RWC146RAPs</b>		Same Changer as R146RAP (above) plus the VSG800A69 Wheel Lift, VSG800A77 Storage cab., VSG800A18 Bead Pusher (Metal Head), VSG800A59 Bead Pusher (Plastic Head) <b>**Assembly required**</b>	15"	46"	\$9,887	\$15,094
<b>R140i</b> <b>SWING ARM SHOP</b> <b>RWC240.22iB</b>		<b>Swing Arm Shop</b> <ul style="list-style-type: none"> <li>• Table inflation system</li> <li>• Pressed cast aluminum pedals that can be removed for easy servicing</li> <li>• Inside clamping 13"-24.5" / Outside Clamps 11"- 22"</li> </ul> Includes: (1) tub of mounting paste w/ brush, (4) clamp protectors, (1) bead breaker blade protector, (2) tool protection kit, bead lever, valve tray, plastic mount/demount head Site Requirements: 110v, 115-145 psi air supply	15"	40.5"	\$4,730	\$7,221
<b>PLUS91N</b>		Air-driven helper with following arm and lower bead roller, for model R140i swing arm changer			\$1,965	\$3,000

## Heavy Duty Tire Changers Product




MODEL NUMBER		DESCRIPTION	MAXIMUM TIRE WIDTH	MAXIMUM TIRE DIAMETER	MAP (Minimum Advertise Price)	List Price USD
R511 LEVERLESS HD  RWC11EISB		<b>Heavy Duty Truck</b> Rotational control on portable wired stand Cable control unit Service a wide range of vehicles Wheel diameter 11" to 27" Max Tire diameter 64" Max Tire Width 36.4" (Depending on offset) Includes: (1) tub mounting paste w/ brush and VSG108A2 ALU Adapters  <b>Site Requirements: 220V 1Ø 60 Hz</b>	36.4"	64"	\$15,839	\$24,182
R501PLUS SPEED CHANGER HD  RWC101B		<b>Heavy Duty Truck</b> • Dismount and mount a truck tire in 30 seconds • <b>STRONGER Adjustable Arm</b> • Works on wheels from 11" to 27" diameter Max • Tire Diameter 52" and Tires Max width 21" • Quick Loading Includes: (1) tub mounting paste w/ brush and VSG108A2 ALU Adapters Site Requirements: 220V 3Ø 60 Hz	21"	52"	\$23,814	\$36,358
R560 MOBILE HD  RWC26HWSB		<b>Heavy Duty Truck</b> • Steel and alloy rims • Fast cycle times • Great for 17.5 and 19.5 Tires • Wheel Diameter 11" to 27" Max • Tire Diameter 51" Max Tire Width 37" (Depending on offset) Includes: (1) tub mounting paste w/ brush and VSG108A2 ALU Adapters <b>Site Requirements: 220V 1Ø 60 Hz</b>	37.4"	51"	\$12,860	\$19,633
R541 COMMERCIAL HD  RWC41.13EIB		<b>Heavy Duty Truck</b> • Rotational control on portable wired stand • Cable control unit • Service a wide range of wheels • Wheel Diameter 11" to 44" • MAX 56" with optional Adapter VSG108A12 • Tire Diam 90.5" Max Tire Width 51" (Depending on offset) Includes: tub mounting paste w/ brush & VSG108A1 Alu Adp Site Requirements: 220V 3Ø 60 Hz	51"	90.5"	\$20,634	\$31,503
R573 EXTREME COMMERCIAL HD  RWC73.17B	<b>14 TO 16 WEEK LEAD TIME</b> 	<b>EXTREME Heavy Duty Truck</b> • Rotational control on portable wired stand • Cable control unit • Service a wide range of wheels • Wheel Diameter 11" to 60" Max • 51" to 60" with Optional Adapters VSG108A39 • Tire Diam. 106" Max Tire Width 69" (Depending on offset) Includes: tub mounting paste w/ brush & VSG108A1 Alu Adp Site Requirements: 220V 3Ø 60 Hz	69"	106"	<b>SPECIAL ORDER ONLY</b> \$39,808 \$60,775	
R573BT EXTREME COMMERCIAL HD  RWC73.17BTHB	<b>14 TO 16 WEEK LEAD TIME</b> 	<b>EXTREME Heavy Duty Truck</b> • Rotational control on Via Cordless Bluetooth • Bluetooth control unit • Service a wide range of wheels • Wheel Diameter 11" to 60" Max • 51" to 60" with Optional Adapters VSG108A39 • Tire Diam. 106" Max Tire Width 69" (Depending on offset) Includes: tub mounting paste w/ brush & VSG108A1 Alu Adp Site Requirements: 220V 3Ø 60 Hz	69"	106"	<b>SPECIAL ORDER ONLY</b> \$40,745 \$62,206	

## Passenger Tire Changer Accessories

MODEL NUMBER		DESCRIPTION	MAP	LIST
VSG1000A158		Universal flange for reverse, and Chrome Clad wheels. For R1150 and R247D	\$619	\$945
VSG1000A102		5 stud kit 110 mm long for reverse rims. Used on VSG1000A158	\$127	\$194
VS710090730		TRACTION TOOL, for the R1150 and R247	\$231	\$353
VSG1000A135		Side Bead Breaker for the R1150	\$1,237	\$1,888
VSG1000A86		Mirror for R1150	\$165	\$252
VSG1000A118		Match mounting roller for R1150	\$244	\$372
VSG1000A152A		Light truck adapter for center locking tire changer .55 in. diameter pulling pin. Spacer for 19.5" wheel for R1150 and R247D  **use with 8 lug type wheels	\$96	\$146
VSG800A35		Pneumatic wheel lift for tire changers Max capacity 175 lbs. For models R145DR, R145D, R145, R146R, R146RA & R146	\$1,339	\$2,044
PLUS91SA		Air-driven helper with following arm and lower bead roller, for model R146 swing arm changer	\$2,110	\$3,222

VSG800A69		Wheel Lift Attachment that works with PLUS91SA helper. *Must have PLUS91SA 80 kg/ 176 lbs. Capacity	\$618	\$944
VSG800A59		Bead pushing roller FOR <b>PLASTIC</b> mount/demount head on R145D, R145, R146, R247D, and R140I	\$147	\$225
VSG800A18		Bead pushing roller FOR <b>METAL</b> mount/demount head on R145D, R145, R146, R247D, and R140I	\$217	\$332
VSG800A58		Traction Point for PLUS91SA and PLUS91N Helper Arms R140i, all R146 versions	\$263	\$401
VSG800A77		Storage tray for R145D, R145, R247D.CL and R146	\$210	\$321
VSG1000A11		Half-moon bead lever. Performance tire lever	\$94	\$143
VSG800A126		Plastic Tool Head w/ support for Tilt Back Units. Included with Tilt Back Tire Changer	\$147	\$225
VSG800A60		Plastic Tool Head w/ support for Swing Arm Units. Included with all Swing Arm tire changers	\$147	\$225




MODEL NUMBER		DESCRIPTION	MAP	LIST
VSG800A99		Motorcycle adapters for 20-22" tables (R140i)	\$377	\$576
VSG800A107		Motorcycle adapters for 24-26" tables (R146, R145D and R145)	\$638	\$974
VSG800A111KIT		Reducing clamp to 8". Requires VSG800A107 or VSG800A99 Use with rim clamp tire changers only	\$526	\$803

## Heavy Duty Tire Changer Accessories

MODEL NUMBER		DESCRIPTION	MAP	LIST
VSG108A25		Optional clamp for earth-moving wheels for all heavy duty tire changers	\$161	\$246
VSG90A6		Optional aluminum rim clamp for all heavy duty tire changers	\$249	\$380
VSG108A22		Disc for wheels with lock ring for model R560	\$857	\$1,308
VSG108A24		Disc for wheels with lock ring and agricultural wheels for model R501N	\$867	\$1,323
VSG108A35		Adapter for the R560 HD Changer. Makes 19.5's and Super Singles much easier.	\$303	\$463
VSG108A12		Set of 4 Extensions to increase clamping for the R541	\$864	\$1,319
VSG108A39		Set of 4 Extensions to increase clamping for the R573 & R573BT	<div>SPECIAL ORDER ONLY</div>	
VS5308000		Long Bead Lifting Lever	\$83	\$126
VSG108A34	  VSG108A34	Pneumatic Bead Pushing Device	\$1,208	\$1,845



Tire Changer Parts			
<b>VSG800A117KIT</b> <b>VSG800A117K(10)</b>		Tool (Mount/De-Mount Head) Protection Kit for models R145, R145D, R146, and R140. Kit includes: 2 X B9837000 Assembly Tool Tail Protection 2 X 770012480 Tool Head Protection Quantity of one or kit of 10	<b>\$22</b> <b>/</b> <b>\$80</b>
<b>VSG800A11</b> <b>VSG800A11K(5)</b>		Bead breaker protection for models R145/D, R247, R146 & 140i. Quantity one or kit of five	<b>\$24</b> <b>/</b> <b>\$100</b>
<b>VSG800A6KIT</b>		Replacement 4 clamp protectors for models R145, R145D, and R146. Set of 4	<b>\$49</b>
<b>VSG800A98</b>		Replacement 4 clamp protectors for models R140 and R140i. Set of 4	<b>\$61</b>
<b>VSG1000A117 per ea</b> <b>VSG1000A117K</b> kit of 20		<b>Replacement upper Tool used on R1150 &amp; R1200 Leverless.</b>  <b>Quantity of one VSG1000A117,</b> <b>or</b> <b>a kit of 20 VSG1000A117K</b>	<b>\$61</b> <b>/</b> <b>\$932</b>
<b>VSG1000A13K</b>		Bead Lever Protection 50PK	<b>\$109</b>
<b>VS710013421 per ea</b> <b>VSG1000A81K</b> 10 pack		<b>Replacement Rubber pad for Reverse Wheels Protection for R1150 and R247D.</b>  <b>Quantity of one, part number VS710013421 ea.,</b> <b>or</b> <b>a kit of 10, part number VSG1000A81K</b>	<b>\$43</b> <b>/</b> <b>\$356</b>
<b>VSG108A9</b>		Replacment plastic tool protection for R501 tire changer	<b>\$27</b>
<b>VS140440311</b>		Replacement Plastic Tool for VSG800A126 Tilt Back Units	<b>\$38</b>
<b>VS770011650</b>		Replacement Plastic Tool for VSG800A60 Swing Arm Units	<b>\$38</b>


VSG800A37		Tire Paste for Tire Changers	\$41
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Wheel Balancer Products							
MODEL NUMBER		DESCRIPTION	MAXIMUM ASSEMBLY WEIGHT	RIM DIAMETER	RIM WIDTH	MAP	LIST
<b>R180</b> <b>PRO 3D AUTO</b> <b>Collets</b> <b>RWB380.3DTECB</b>		<ul style="list-style-type: none"> <li>• INCLUDES 8 PIECE Double Sided Collet Kit</li> <li>• Automatic wheel dimension sonar and laser rim profile scanner.</li> <li>• No touch 3D data entry</li> <li>• Fast floor to floor with 6 second spin cycle</li> <li>• Stop On Top and Auto Indexing.</li> <li>• Automatically determines location of correction weights.</li> <li>• Laser pin point for stick on weight placement</li> </ul> Site Requirements: 110v/60Hz NEMA 5-15P	176 lbs.	10" - 30" Automatic	1.5" - 22" No Touch Automatic	\$10,809	\$16,502
<b>R155</b> <b>PRO 3D</b> <b>Collets</b> <b>RWB355SB</b>		<ul style="list-style-type: none"> <li>• INCLUDES 8 PIECE Double Sided Collet Kit</li> <li>• Easy operation</li> <li>• Stop On Top and Auto indexing</li> <li>• Smart Static Mode</li> <li>• Wheel width gauge included</li> <li>• 19" Monitor</li> <li>• 6 second cycle time</li> <li>• Automatic entry of dist, diam, and width.</li> </ul> Site Requirements: 110v/60Hz NEMA 5-15P	154 lbs.	10" - 30" Automatic	1.5" - 22" Automatic	\$7,876	\$12,024
<b>R148</b> <b>PRO 2D</b> <b>Collets</b> <b>RWB348DB</b>		<ul style="list-style-type: none"> <li>• Computer balancer with self-calibration and self-diagnostics</li> <li>• INCLUDES 8 PIECE Double Sided Collet Kit</li> <li>• Easy operation</li> <li>• Large LED display</li> <li>• Stop On Top and Auto indexing</li> <li>• Smart Static Mode</li> <li>• 6 second cycle time</li> <li>• Automatic entry of distance, and diameter</li> </ul> Site Requirements: 110v/60Hz NEMA 5-15P	154 lbs.	10" - 30" Automatic	1.5" - 22" Automatic	\$5,751	\$8,780
<b>R138</b> <b>Shop 2D</b> <b>RWB338FMDB</b>		<ul style="list-style-type: none"> <li>• Computer balancer with self-calibration and self-diagnostics</li> <li>• Large LED display</li> <li>• Automatic start when cover is lowered</li> <li>• Automatic entry of distance and diameter with gauge</li> <li>• Stop on Top</li> <li>• Hidden Weight program</li> </ul> Site Requirements: 110v/60Hz NEMA 5-15P	143 lbs.	10" - 26" Automatic	1.5" - 22"	\$3,580	\$5,466
<b>R540</b> <b>PRO TRUCK 2D</b> <b>RWB240RTLDB</b>		<ul style="list-style-type: none"> <li>• Computer balancer with self-calibration and self-diagnostics</li> <li>• Specific balancing programs for static, dynamic and ALU wheels</li> <li>• Passenger/Light truck and HD adapters: GAR111/112/113/114/122/124</li> <li>• Stop on Top</li> <li>• Digital caliper with optical sensor with alloy shaft sliding on bushings</li> </ul> Site Requirements: 110v/60Hz NEMA 5-15P/AIR	441 lbs.	10" - 30" Automatic	1.5" - 22"	\$10,305	\$15,733
<b>R544 PLUS</b> <b>PRO TRUCK 3D with Laser,</b> <b>Light, Passenger and LT</b> <b>Truck Adapters</b> <b>RWB280PLUSB</b>		<ul style="list-style-type: none"> <li>• Computer balancer with Laser Line and light for adhesive weights</li> <li>• Digital caliper and width Arm for 3 D Data entry</li> <li>• Specific balancing programs for static, dynamic and ALU wheels</li> <li>• Passenger/Lt Truck/HD capable with STANDARD ADAPTERS</li> <li>• Stop on Top and Auto Indexing</li> <li>• Position Air Brake</li> </ul> Site Requirements: 110v/60Hz NEMA 5-15P/AIR	441 lbs.	10" - 30" Automatic	1.5" - 22"	\$14,274	\$21,792

## Passenger Wheel Balancer Accessories

MODEL NUMBER		DESCRIPTION	MAP	LIST
GAR345		LARGE Quick-nut replacement for GAR101. Works with the R180, R155, R138.	\$284	\$434
GAR324		Wheel lift, standard version	\$2,704	\$4,129
GAR102		Handwheel quick fit nut Optional accessory for R122	\$239	\$365
GAR351		Standard air lock nut for model R544	\$132	\$202
GAR111		Optional passenger cone kit for older R544 models Included standard in models R138, R122, R540, and R544PLUS ( Ø 1.71" - 4.41" / 44 - 112 mm )	\$271	\$413
GAR112		Optional Small Lt Truck Cone for R544 Included in models R180, R155, R148, R138, R122, R540, and R544Plus. ( Ø 3.74" - 5.19" / 95-132 mm )	\$124	\$190
GAR113		Dually type cone and spacer Fits between 4.65 - 6.8" openings Standard with the R540 and R544PLUS, optional with all other balancers.	\$410	\$626
GAR124		Spacer for all balancers May be used with GAR112 and the #8,9,10, & 11 collets. Standard with the R540 and R544PLUS	\$306	\$467
GAR307		Wheel Width Caliper, Standard on R155 Optional for R148. For automatic measurement of wheel Width.	\$646	\$987
HW190E400045		Distance Spacer Donut - 40mm	\$27	\$41



HW150400110		<b>Pro Collet Kit 40mm</b> <ul style="list-style-type: none"> <li>• Clad Wheel Problem Solver</li> <li>• Static Imbalance Solution</li> <li>• Lower Taper For Better Mounting Surface</li> <li>• No Wheel Hub Interference</li> <li>• Includes collets #1 thru #9</li> </ul> Complete Range from 52.5mm -122mm or 2.07" - 4.76"	\$1,041	\$1,590
HW150400123		<b>Low Taper Collet #10 40mm</b> <b>Must be Used with Universal Spacer GAR 124 &amp; HW190E400045 Spacer</b> 120.0 -126.0 mm or 4.72" - 4.96"	\$242	\$369
HW150400139		<b>Low Taper Collet #11 40mm</b> <b>Must be Used with Universal Spacer GAR 124 &amp; HW190W400045 Spacer</b> 126-133 mm or 4.96" – 5.23"	\$296	\$452
HW210400002		<b>Series IV Quick Plate Kit 40mm Includes:</b> 3 Quick Plates: HW249e011400, HW259e011400, HW269e011400 Quick Tips X 6: HW273e008003, HW273e008007, HW273e008023, HW273e008025 Adapter Storage Tree: HW900008205	\$4,232	\$6,461
HW200299409		<b>North American Flange Plate Kit 40mm</b>	\$1,748	\$2,668
HW280400172		<b>Pro Centering System</b> Includes: 3 Quick Plates: HW249e011400, HW259e011400, HW269e011400 Quick Tips X 6: HW273e008003, HW273e008007, HW273e008023, HW273e008025 Pro Collet Kit: HW150400110 Adapter Storage Tree: HW900008205	\$5,159	\$7,877
HW900008205		<b>Adaptor Tree</b>	\$280	\$428
GAR346		<b>Laser Calibration Device</b> used for R180 Wheel Balancer	\$309	\$471
VS129580191		<b>Pressure Cup</b>		\$64
VS129580500		<b>Rubber protection</b>		\$28

VS129580160		Pressure Ring	\$38
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## Heavy Duty Wheel Balancer Accessories







MODEL NUMBER		DESCRIPTION	MAP	LIST
GAR122		Truck Spacer Standard with R544 and R540	\$703	\$937
GAR114		GAR114 Cones (2) (Ø 7.9" - 8.7" - 11") For R544 and R540 Balancer	\$705	\$940
GAR171		For model R544 3 Finger Adapter 3 X 170, 186, 205, 222, 245	\$392	\$522
GAR172		Four Finger Adapter (4 x 275, 285) For model R544 and R540	\$516	\$688
GAR173		Five Finger Adapter (5 x 225, 286, 335) For model R544 and R540	\$668	\$891
HW700E400020		Truck centering Disc fits 219.9mm / 8.65" and 220.8mm / 8.69" Requires GAR173 and/or GAR172 *For R544 and R540 only	\$626	\$835
HW700008006		HD Centering Stud - Aluminum Wheels To use with GAR171, GAR172, & GAR173	\$64	\$85
HW700008004		Centering Stud - Trucks/Buses w/ Larger Stud Holes To use with GAR171, GAR172, & GAR173	\$64	\$85
HW700008005		Centering Stud - Short/Flat Head To use with GAR171, GAR172, & GAR173	\$64	\$85



GAR266T		For older R544 models 3D wheel tire sensor caliper for automatic measure of rim width. Standard on the R544PLUS	\$740	\$987
HW280400139		ProMax MD 40mm Centering Solutions for all 8 & 10 Lug MD Vehicles Includes: <i>MD Flange Plate with Studs HW700 400 033</i> - (6 x 205, 8 x 6.5" (165.1mm), 8 x 170, 8 x 180, 8 x 200, 8 x 210, 8 x 225, 10 x 225, 10 x 7.25" (184.15mm) <i>Hub Pilot Disc 1 HW160 400 047</i> - Hub Bores: 4.88" (123.95mm) / 4.92" (125.1mm) <i>Hub Pilot Disc 2 HW160 400 048</i> - Hub Bores: 5.59" (142.1mm) / 6.69" (170.1mm) <i>Hub Pilot Disc 3 HW190 400 052</i> - Hub Bores: 5.46" (136.65mm) / 5.25" (133.35mm) <i>Hub Pilot Disc 4 HW190 400 060</i> - Hub Bore: 4.56" (115.8mm) <i>Hub Pilot Disc 5 HW190 400 062</i> - Hub Bore: 4.6" (116.8mm) <i>Hub Pilot Disc 6 HW190 400 071</i> - Hub Bore: 4.77" (121.1mm) <i>Hub Pilot Disc 7 HW160 400 067</i> - Hub Bores: 4.88" (124mm) / 6.06" (154mm)	\$3,061	\$4,081

### Changer-Balancer Combo Kits











<b>RW1150180C</b>  <b>RWC1150.30IB &amp; RWB380.3DTEC</b>		TIRE MASTER COMBO	\$25,257	\$38,561
<b>RW146155C</b>  <b>RWC246.26iRP &amp; RWB355SB</b>		PROFESSIONAL COMBO	\$15,852	\$24,202
<b>RW138140C</b>  <b>RWB338FMDB &amp; RWC140.22IB</b>		VALUE COMBO	\$8,105	\$12,374

Wheel Alignment Products				
MODEL NUMBER		DESCRIPTION	MAP	LIST
R1090 RWA3D1090		<b>Portable 3D Wheel Aligner System</b> <ul style="list-style-type: none"> <li>• 32" monitor</li> <li>• <b>TABLET for REMOTE CONTROL with the ALIGNER CONNECT APP</b></li> <li>• ADAS ready</li> <li>• Extra set of batteries</li> <li>• Two years of database updates</li> <li>• 3D Solid state targets with levels</li> <li>• Clamping arms for 8"-24" &amp; 19"-36" tires</li> <li>• Set of six Dually extensions for wheels, Set of 16 ABS conical tips</li> <li>• Set of four quick locking clamps</li> </ul> Standard equipment includes: brake pedal depressor, steering wheel holder, Cabinet unit with PC, keyboard, printer, automatic battery charger.	\$27,165	\$41,474
R1085 RWA3D1085		<b>Portable 3D Wheel Aligner System</b> <ul style="list-style-type: none"> <li>• <b>TABLET - WIFI &amp; Bluetooth for REMOTE CONTROL</b></li> <li>• ADAS ready</li> <li>• Extra set of batteries</li> <li>• Two years of database updates</li> <li>• 3D Solid state targets with levels</li> <li>• Clamping arms for 8" - 24" &amp; 19"-36" tire diameter, Set of 16 ABS conical tips</li> <li>• 2 Sets of four-point quick locking clamps 10" - 24" rims -STDA46EU</li> </ul> Standard equipment includes: brake pedal depressor, steering wheel holder, Mobile Cart, automatic battery charger.	COMING SOON	\$22,075
R1080Plus RWATD3000HPR		<b>Portable 3D Wheel Aligner System</b> <ul style="list-style-type: none"> <li>• ADAS ready</li> <li>• Extra batteries</li> <li>• Two years of database updates</li> <li>• 3D Solid state targets</li> <li>• Clamping arms for 8"-24" &amp; 19"-36" tires</li> <li>• Set of six Dually extensions for wheels</li> <li>• Set of 16 ABS conical tips</li> <li>• Set of four quick locking clamps</li> </ul> Standard equipment includes: brake pedal depressor, steering wheel holder, Control unit with PC, 19" monitor, keyboard, printer, automatic battery charger	AVAILABLE UNTIL INVENTORY IS DEPLETED	\$24,316
R1070 PRO CCD RWA7080WS		<b>8-CCD Sensor Wheel Alignment System</b> <ul style="list-style-type: none"> <li>• Advanced Bluetooth communication technology between Console and CCD Sensors</li> <li>• Infra-red transmission among measuring heads</li> <li>• Alignment &amp; adjustment software guided by 3D images</li> <li>• Set of 4 STDA35E three point clamps, for 8" to 24" rims</li> <li>• Set of 6 extension for metal fingers for wheels with protruding spokes (STDA42)</li> <li>• Set of (16) ABS conic claws (STDA39)</li> </ul> Standard equipment includes: brake pedal depressor, steering wheel holder, Control unit with PC, 19" monitor, keyboard, printer, automatic battery charger, 2 front measuring heads - 2 rear measuring heads	\$16,313	\$24,906
R1065 Mobile Tablet Aligner RWA1065		<b>NO PC REQUIRED – TABLET ALIGNER</b> <ul style="list-style-type: none"> <li>• Advanced WIFI communication technology between TABLET and CCD Sensors</li> <li>• Infra-red transmission between measuring heads</li> <li>• Alignment &amp; adjustment software guided by 3D images</li> <li>• Set of 4 STDA33EU four point clamps, for 8" to 24" rims</li> <li>• Encoder in sensor to speed the Run Out Process</li> <li>• Print to WIFI Printer (Not included) or email test results directly to the customer</li> </ul> Standard equipment includes: brake pedal depressor, steering wheel holder, mobile Cart with 10' tablet, automatic battery charger, 2 front measuring heads - 2 rear measuring heads	\$12,019	\$18,350
R5000HD CTA PRO RWA8060TWS		<b>6-CCD Heavy Duty Commercial Truck Aligner</b> <ul style="list-style-type: none"> <li>• Equipped with a double inclinometer allowing caster adjustment without steering</li> <li>• 6-CCD sensor wheel alignment system that still allows Axel Offset calculation</li> <li>• 1 pair heavy-duty turntables (STDA29L)</li> <li>• Set of 4 STDA92 NON RUN OUT Wheel Clamps.</li> </ul> Standard equipment includes: 1 control unit with PC, 19" monitor, keyboard, printer, battery-charger, 2 front and 2 rear measuring heads, brake pedal depressor, and steering wheel holder	\$35,810	\$54,671








## Wheel Alignment Accessories

MODEL NUMBER		DESCRIPTION	MAP	LIST
FA5155KIT		Carbon Steel Radius Gauge Kit Includes: (2) FA5157 Carbon Steel Radius Gauges 4,500 lbs. (2,041kg) capacity	\$1,536	\$2,345
S130205		Stainless Steel Turning Radius Gauge. No Pointer 1.5" tall 4,500 lbs. (2,041kg) capacity (2 required)	\$931	\$1,421
S130237		Stainless Steel Radius Gauge. No Pointer 1-11/16" tall 4,500 lbs. (2,041kg) capacity (2 required)	\$1,094	\$1,670
STDA29L		Pair of heavy-duty turntables *Included with R5000HD	\$1,321	\$2,017
WS0020		Barcode Scanner (Cordless) For use with all Alignment Equipment (Limited with R5000HD) Includes – Charging/Communication Base and USB Cable	\$867	\$1,324
STDA117		Set of 2 sensor support kits for model R1080	\$323	\$493
STDA128		Battery set of 2 for model R1080 Sensors	\$552	\$842
STDA159VSG		Car/Light Truck Alignment Kit for R5000HD Includes a charging post that mounts to the back of the R5000 Cabinet, and two front Passenger sensors.  Wheel clamps are not included. Order separately.	\$2,678	\$4,088
STDA154		Set of 4 Drop Adapters that enable a CCD Aligner to see under Two Post Lift arms. These will also enable the R1070, R1060 and the R1065 to see around larger tires.	\$818	\$1,249

STDA155		Trolley with casters for Wheel Clamp Storage. Works with both 3 point and 4 point clamps.	\$771	\$1,177
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STDA157		Set of 4 Wall Hooks for Wheel Clamps. Works with both 3 point and 4 point clamps.	\$340	\$519
STDA33EU		Set of 2 self-centering 4 point clamps with removable claws Clamps 10" to 24" wheels.	\$526	\$803
STDA41		Set of 8 Long Metal Claws for protruding hubbed vehicles. For the STDA33EU clamps.	\$153	\$234
STDA42		Set of 6 Dullay extensions for the STDA 35 and STDA96 Clamps for protruding hubbed vehicles.	\$98	\$150
STDA100		Set of 4 Clamping Arms - Medium 27-36"	\$350	\$534
STDA38		Set of 4 Quick Clamping assemblies. From 19" to 30". Enough for 2 Clamps. To convert STDA33EU to STDA46EU Clamps.	\$802	\$1,225
STDA101		Set of 4 clamping arms 34" to 44" for STDA46EU, STDA35E *order (2) for 4 sets of clamps	\$350	\$534
STDA46EU		Set of 2 self-centering 4 point clamps, with quick locking units and ABS claws. Clamps 10" - 24" wheels	\$1,096	\$1,673
STDA96		Set of two 3-point clamps 9"-24" with quick locking arms Manual Diameter adjustment CCD cameras only	\$1,258	\$1,920
STDA35E		Set of 2 self-centering 3 point clamps with quick locking units and ABS claws. Equipped with quick locking units and ABS claws. Clamps from 8" - 24". CCD camera heads only	\$2,519	\$3,846

## Wheel Alignment Accessories

MODEL NUMBER		DESCRIPTION	MAP	LIST
STDA92		<b>PATENTED.</b> Set of 2 non-run out quick adapters for model R5000HD By referencing the wheel center which is almost perfectly accurate, we can deliver a more accurate measurement without the need to raise each wheel position to perform runout compensation. This improved accuracy while saving 15-20 minutes per truck.	\$4,128	\$6,303
STDA49N		Truck Trailer Alignment Fixture for R5000HD	\$1,694	\$2,586
STDA39		8 Tips cone style	\$41	\$62
VS14000AA		One standard depth ABS claw for 3 point quick clamps	\$10	\$16
STDA150AU		Adapter Kit for the AUTEL ADAS Fixture	\$302	\$461
STDA3D/QC		Kit of Two stands for model R1080. To use the R1080 Sensors as a Quick Alignment Check.	\$1,539	\$2,350
STDA14		CCD Calibration Kit	\$2,304	\$3,517
Z100039BK		Camera Bracket set for Rotary/Forward Four Post Lifts . Used when Mounting the R1080 and R1090 camera brackets to any Rotary/Forward Four Post lift.	\$47	\$72
STDA110U	PASSENGER WHEEL ALIGNMENT SPECS	Digital wheel alignment specifications	Additional discount for specs purchased in quantities of five	\$676
STDA137U	HD TRUCK WHEEL ALIGNMENT SPECS			
Alignment Spec data placed on separate P.O.s. Purchase in quantities of one or five.				
Provide serial number or smart card number on PO for single data spec. Provide email address on PO for quantity of five data specs.				





All Rotary Wheel Service serialized products are covered under warranty for a period of three years to the original owner. Important: The warranty period begins once the product is invoiced to an authorized Distributor/ Purchaser/ Account. This date can be adjusted by submitting to VSG Customer Service the Warranty Activation Form indicating the installation date or by proof of retail purchase date. This warranty covers any failure of the serialized product under normal use and service, caused by a defect in VSG material or factory workmanship ("Warrantable Failure"). VSG shall pay for reasonable costs of transportation and labor for replacement of warrantable parts only during the first 12 months of the warranty period.

Accessories are warranted to the original owner for a period of one year from the retail invoice date. If a retail invoice cannot be produced, the date of the original VSG invoice shall initiate the one year warranty period.

VSG warrants against defects in material and factory workmanship only. VSG does not cover wear or wear out of covered parts due to normal wear and tear.

VSG, at its option, will repair or replace any part that is found to have failed due to a Warrantable Failure. VSG, at its discretion, may require the part returned to VSG for inspection to determine warrantability.

This warranty does not cover normal maintenance or adjustments, including routine calibrations, remedies for routine maintenance; damage or malfunction caused by, but not limited to improper handling, installation, abuse, misuse, negligence, carelessness of operation; or force majeure events. In addition, this warranty does not cover equipment on which unauthorized repairs or alterations have been attempted and/or made to the product.

This warranty is exclusive and all other expressed or implied warranties including merchantability or fitness for a particular purpose are hereby expressly excluded. The remedies described are exclusive and in no event shall VSG be liable for any special, consequential, or incidental damages of any kind including but not limited to damages for breach of or delay in performance of the warranty.

This warranty shall be governed by the laws of the State of Indiana and shall be subject to the exclusive jurisdiction of the Court in the State of Indiana in the County of Jefferson.

\*\*\* **Registration REQUIRED** to be eligible the 3rd year parts warranty.

Model/Series	STANDARD WARRANTY	
	Functional**	Labor Warranty
WHEEL SERVICE	3 YEARS	1 YEAR

**EXCEPTIONS:** calibrations, routine maintenance, alterations

**EXCLUSIONS:**

PAINT DEFECTS DUE TO EXTERNAL INFLUENCES: Accidental damage, climatic, thermal, chemical or industrial pollution, insufficient care or maintenance

AIR POWERED ITEMS DAMAGED BY EXTERNAL FLUIDS & MOISTURE

SHIPPING-CONTIGUOUS US		
Wheel Service	ANY	8.00%

OVER 30,000 LBS.

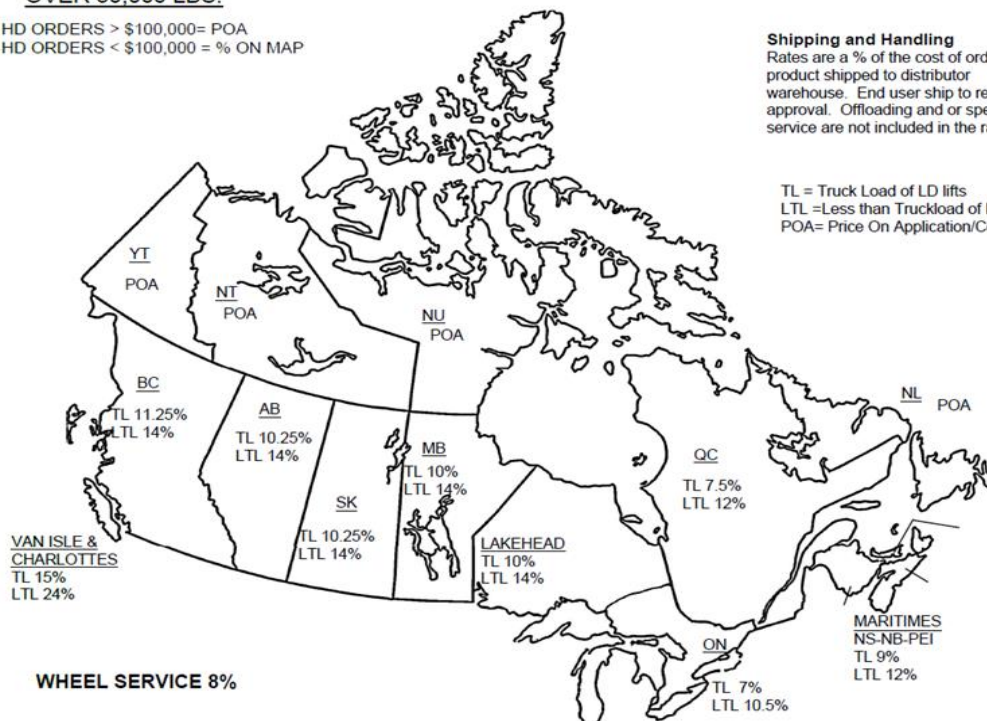
HD ORDERS > \$100,000= POA  
HD ORDERS < \$100,000 = % ON MAP

**CANADA**

**Shipping and Handling**

Rates are a % of the cost of order for product shipped to distributor warehouse. End user ship to require approval. Offloading and or special service are not included in the rates.

TL = Truck Load of LD lifts  
LTL =Less than Truckload of LD lifts  
POA= Price On Application/Contact VSG





Terms And Conditions	
<b>PRICES:</b>	Prices and specifications are subject to change without notice. All orders will be invoiced at prices prevailing at time of shipment. Prices do not include any local, state or federal taxes. All prices are stated in United States dollars.
<b>FREIGHT POLICY:</b>	Drop ship orders outside the selling distributors' service area is subject to an additional 10% shipping and handling fee.
<b>TERMS:</b>	1/2% 15 days, net 30 days.
<b>ACCESSORIES:</b>	Prices and freight apply to accessories only when purchased with lift. For replacement parts, see your nearest Authorized Rotary Parts Distributor. <b>NOTE:</b> A surcharge may apply to some accessories.
<b>MIN. BILLING:</b>	The minimum billing amount is \$100.00 suggested user price.
<b>TERMS OF SALE:</b>	<p>Freight and insurance charges are determined by carriers. VSG prepays freight and carrier-provided insurance for continental U.S. destinations and adds charges to customers' invoice as a shipping and handling fee.</p> <p>Freight from Madison, Indiana to Alaska &amp; Hawaii or other non-US mainland locations is paid to port of exit, provided such port is in the continental U.S. Upon request and customer approval, VSG can quote and arrange additional transport. Changes are added to customer's invoice as a shipping and handling fee.</p> <p>Domestic US, land freight shipments originating from Madison warehouses: ExWorks: Madison, Indiana USA. Ocean freight: F.O.B. Madison, Indiana USA or F.O.B. Shanghai, China-Dependent upon the factory/warehouse location. Designated on order acknowledgement.</p> <p>Changes to INCOTerms without prior written consent will be rejected. Risk of loss and title of goods transfer at the dock in Madison, Indiana USA or Shanghai, China, as applicable.</p> <p>Goods shipping from other VSG locations: Applicable sales terms, freight and other charges detailed in order acknowledgement. Risk of loss and title to goods transfer at Company's dock or dispatch location.</p>
<b>SHIPPING &amp; HANDLING:</b>	<p>Shipping and handling charges are added to invoices as a line item.</p> <p>VSG reserves the right to determine freight carriers.</p> <p>Freight carriers reserve the right to reclassify products and change applicable rates. VSG will provide written notice of any such changes.</p>
<b>RETURNED GOODS AUTHORIZATION (RGA) POLICY:</b>	<ul style="list-style-type: none"> <li>All returned goods must <ul style="list-style-type: none"> <li>a) be pre-approved for return by Customer Service</li> <li>b) have an RGA# on the outside and inside of the package</li> <li>c) be returned freight collect by one of our preferred freight carriers as noted on the RG documentation.</li> </ul> </li> <li>Any unauthorized returns will be refused and will become the responsibility of the returnee. <b>Do not return any goods COD</b> as they will also be refused. If you are unable to return freight collect, a call tag can be issued by contacting Customer Service and providing the corresponding RGA#. <b>Items must be returned within 45 days of date on VSG invoice.</b> Returns are subject to fees to cover transportation costs, 20% handling charge, and any necessary reconditioning costs.</li> </ul>
<b>CHANGES:</b>	Rotary reserves the right to change terms and conditions.

Order Change or Cancellation Policy	
<b>Non-standard products:(additional engineering design time, special tooling additional labor, etc.)</b> <ul style="list-style-type: none"> <li>Orders may be canceled or changed without penalty for 3 business days from the order date.</li> <li>Orders canceled or changed beyond three business days from order placement will be assessed a 20% charge of the order total.</li> </ul> <b>WEEKENDS AND HOLIDAYS are not counted as business days.</b> <ul style="list-style-type: none"> <li>Cancellation requests after production has begun cannot be accepted. Purchaser is responsible to pay full amount to VSG.</li> </ul>	
<b>Standard products:</b> <b>**orders exceeding \$250,000.00 USD are subject to a 20% fee for changes within 50 calendar days of ship date**</b>	
<b><u>Two Post, Four Post (at or under 30K capacity), Low-Rise, Mobile Column, Scissor &amp; Alignment</u></b> -Requests to cancel, change or reschedule orders within <b>14</b> calendar days of ship by date are subject to a 20% fee	
<b><u>Smart Lifts</u></b> -Requests to cancel, change or reschedule orders within <b>20</b> calendar days of ship by date are subject to a 20% fee	
<b><u>Four Post (over 30K capacity)HD Platforms and Ingrounds</u></b> -Requests to cancel, change or reschedule orders within <b>35</b> calendar days of ship by date are subject to a 20% fee	
<b><u>Wheel Service &amp; Shop Equipment products</u></b> -Requests to cancel, change or reschedule orders within <b>14</b> calendar days of ship by date are subject to a 20% fee	

#### Communicate changes to Customer Service Teams

[orders@vsgdover.com](mailto:orders@vsgdover.com) or call 800-445-5438

# **Rotary Wheel Service**

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