



INSTRUCTIONS

-J04029

REV. 2008-05-15

REAR REACTOR WHEELS

GENERAL

Kit Number

43215-08, 43616-08, 43728-08

Models

For model fitment information, see the P&A Retail Catalog or the Parts and Accessories section of www.harley-davidson.com (English only).

Additional Parts Required

These kits include the custom wheel only.

Proper installation of these kits require the separate purchase of the following parts which are available at a Harley-Davidson dealer.

- Wheel Bearing Remover and Installer (HD-44060-A)
- Wheel Installation Kit (See Service Parts tables for part number)

The following Harley-Davidson Genuine Motor Accessories are recommended for proper maintenance and cleaning:

- Harley® Bright™ Chrome Cleaner (94683-99)
- Harley® Glaze™ Polish and Sealant (99701-84)
- Harley® Wheel and Spoke Brush (43078-99)
- Harley-Davidson® Wheel and Tire Cleaner (94658-98)

Touch-up paint for painted wheels is available from a Harley-Davidson dealer:

Table 1. Touch-Up Paint

Description (Quantity)	Part Number
Vivid Black touch-up pen	98601DH
Mirage Orange Pearl touch-up pen	98601BNR

WARNING

The rider's safety depends upon the correct installation of this kit. Use the appropriate service manual procedures. If the procedure is not within your capabilities or you do not have the correct tools, have a Harley-Davidson dealer perform the installation. Improper installation of this kit could result in death or serious injury. (00333a)

NOTE

This instruction sheet references Service Manual information. A Service Manual for your model motorcycle is required for this installation and is available from a Harley-Davidson dealer.

Kit Contents

See Figure 1 and Service Parts Tables.

INSTALLATION

NOTES

Use plastic protectors on tire mounting tools and rim clamps when mounting a tire to a painted wheel.

For wide low profile tires a tire mounting machine with a second arm to press down on the sidewall while the wheel is rotating is recommended.

When mounting tires, liberally use tire lube on the wheel and tire.

For tire removal, use plastic inserts between the rim and tire after breaking the bead to create a large enough gap for the rim clamps to get into.

1. Remove existing rear wheel assembly following the instructions in the appropriate Service Manual. Save axle, axle nut, brake disc and wheel spacers for kit installation.

NOTES

Prior to removing or installing the wheel, the rear brake caliper must be removed.

The cotter pin or spring clip for the axle nut must be replaced. They are available for purchase from you dealer. See your dealer for the correct part number for your model motorcycle.

CAUTION

Do not re-use brake disc screws. Re-using disc screws can result in torque loss and damage to rotor and/or brake assembly. (00319b)

CAUTION

Do not re-use sprocket mounting screws. Re-using sprocket mounting screws can result in torque loss and damage to the sprocket and/or belt assembly. (00480b)

2. See Figure 1. Install valve stem assembly (E) on wheel following the instructions in the appropriate Service Manual.
3. Assemble wheel installation kit components, stock brake disc, and sprocket compensator bowl to wheel using the appropriate service parts table. Follow the instructions in the appropriate Service Manual.

NOTE

Install the primary bearing first using appropriate Service Manual and WHEEL BEARING REMOVER/INSTALLER.

4. Install rear wheel (1), stock axle, sprocket, and spacers to motorcycle. Follow the instructions in the appropriate Service Manual.

MAINTENANCE AND CLEANING

Chrome parts must be maintained regularly so that they keep their original shine and luster.

1. Clean heavily-soiled wheel surfaces using Harley-Davidson Wheel and Tire Cleaner, applied with Harley Wheel and Spoke Brush.
2. Thoroughly clean chrome with a good quality chrome cleaner, such as Harley Bright Chrome Cleaner.
3. After cleaning and polishing, seal the finish with a good quality sealer, such as Harley Glaze Polish and Sealant.



SERVICE PARTS

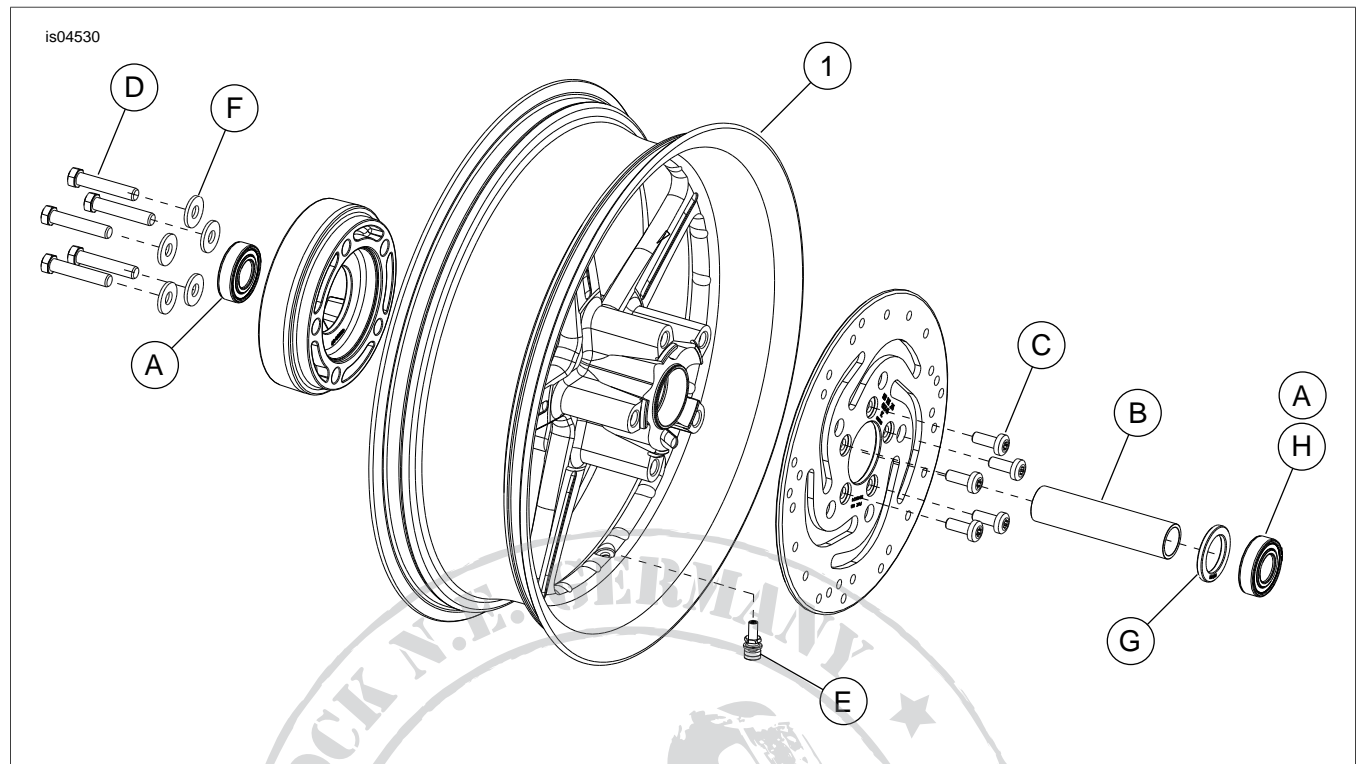


Figure 1. Service Parts: Rear Reactor Wheels

Table 2. Service Parts Table

Kit	Installation Kit	Item	Description (Quantity)	Part Number	
43215-08		1	Wheel	Not Sold Separately	
2002-2007 VRSC (except 2007 VRSCAW, VRSCDX, and VRSCX)	Kit 43861-08 18x5.5 inch rear wheel	A	Bearing (2)	9247	
		B	Sleeve, bearing spacer	43704-01	
		C	Disc screw (5)	43567-92	
		D	TORX® bolt (5) (all models except 2007 VRSCR) Sprocket bolt (5) (2007 VRSCR models)	4552 40439-01	
		E	Valve stem assembly (long)	43157-83A	
		F	Sprocket washer (5)	7039	
		NOTE: Discard the following components which are provided with this installation kit, but are not required for this fitment.			
					Sleeve, bearing spacer
			Sprocket screw (5)	3109	
			Sprocket screw (5)	3737A	
			Sprocket screw (5)	3873	
			Sprocket screw (5)	3899	
			Valve stem assembly (long)	43206-01	
			Washer	6516HW	

Table 2. Service Parts Table

Kit	Installation Kit	Item	Description (Quantity)	Part Number	
2008 and later VRSCD without ABS	Kit 41456-08 18x5.5 inch rear wheel	A	Bearing	9276	
		B	Sleeve, bearing spacer	43704-08	
		C	Disc screw (5)	43567-92	
		D	TORX bolt (5)	4552	
		E	Valve stem assembly (short)	43157-83A	
		F	Shim, bearing (install under primary bearing)	41447-08	
		G	Sprocket washer (5)	7039	
		NOTE: Discard the following components which are provided with this installation kit, but are not required for this fitment.			
		Valve stem assembly (long)	43206-01		
2008 and later VRSCD with ABS	Kit 41453-08 18x5.5 inch rear wheel	A	Bearing	9276	
		B	Sleeve, bearing spacer	43704-08	
		C	Disc screw (5)	43567-92	
		D	TORX bolt (5)	4552	
		E	Valve stem assembly (short)	43157-83A	
		F	Shim, bearing (install under primary bearing)	41447-08	
		G	Sprocket washer (5)	7039	
		H	Bearing, ABS (red side must face inward)	9252	
		NOTE: Discard the following components which are provided with this installation kit, but are not required for this fitment.			
				Shim, bearing	43904-08
				Sleeve, bearing spacer	41900-08
		Sprocket screw (5)	3814		
		Valve stem assembly (long)	43206-01		

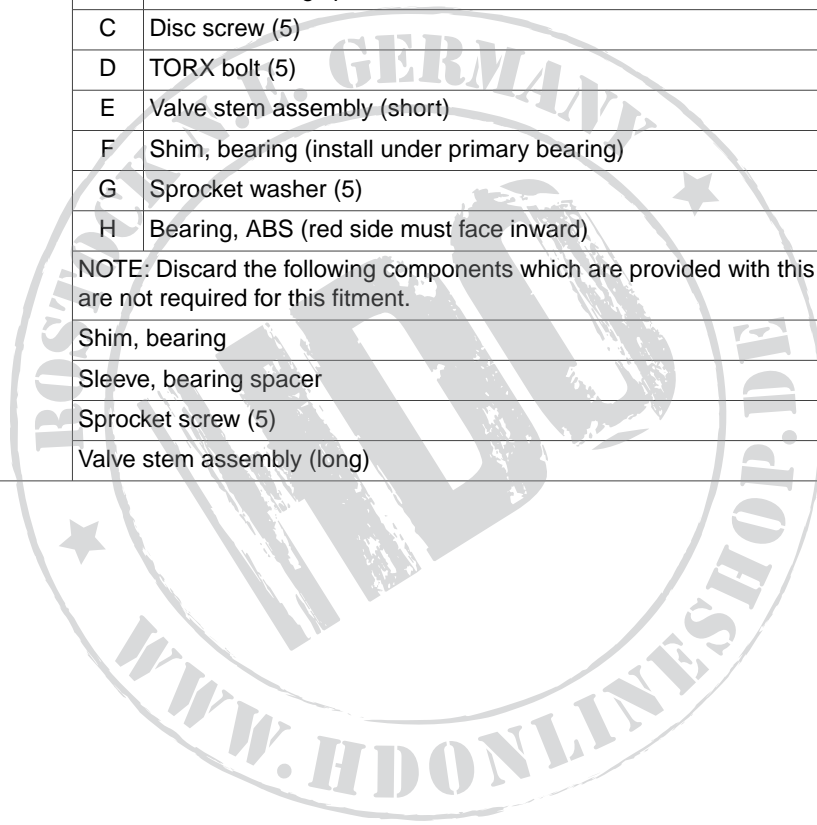


Table 3. Service Parts Table

Kit	Installation Kit	Item	Description (Quantity)	Part Number	
43616-08, 43728-08		1	Wheel	Not Sold Separately	
2007 VRSCAW, VRSCX and VRSCDX	Kit 43861-08 18x8 inch rear wheel	A	Bearing	9247	
		B	Sleeve, bearing spacer	43704-01	
		C	Disc screw (5)	43567-92	
		D	TORX® bolt (5)	4552	
		E	Valve stem assembly (short)	43157-83A	
		G	Sprocket washer (5)	7039	
		NOTE: Discard the following components which are provided with this installation kit, but are not required for this fitment.			
			Sleeve bearing spacer	43517-00	
			Valve stem assembly (long)	43206-01	
			Screw	3109	
			Bolt	3899	
			TORX bolt	3737A	
			Washer	3516HW	
			Bolt	3873	
			Bolt	40439-01	
		2008-later VRSCAW and VRSCDX without ABS	Kit 41456-08 18x8 inch rear wheel	A	Bearing (2)
B	Sleeve, bearing spacer			43704-08	
C	Disc screw (5)			43567-92	
D	TORX® bolt (5)			4552	
E	Valve stem assembly (short)			43157-83A	
F	Shim, bearing (install under primary bearing)			41447-08	
G	Sprocket washer (5)			7039	
NOTE: Discard the following components which are provided with this installation kit, but are not required for this fitment.					
	Valve stem assembly (long)	43206-01			
2008 and later VRSCAW and VRSCDX with ABS	Kit 41453-08 18x8 inch rear wheel	A	Bearing	9276	
		B	Sleeve, bearing spacer	43704-08	
		C	Disc screw (5)	43567-92	
		D	TORX bolt (5)	4552	
		E	Valve stem assembly (short)	43157-83A	
		F	Shim, bearing (install under primary bearing)	41447-08	
		G	Sprocket washer (5)	7039	
		H	Bearing, ABS (red side must face inward)	9252	
		NOTE: Discard the following components which are provided with this installation kit, but are not required for this fitment.			
			Shim, bearing	43904-08	
			Sleeve, bearing spacer	41900-08	
	Valve stem assembly (long)	43206-01			
	Screw	3814			