



# INSTRUCTIONS

J04674

2011-06-03



## FANG REAR WHEEL KIT

### GENERAL

#### ⚠ WARNING

Install only wheels and installation kits approved for your model motorcycle. Contact a Harley-Davidson dealer to verify fitment. Mismatching wheels and installation kits or installing wheels not approved for your model can cause loss of control, which could result in death or serious injury. (00610c)

### Kit Number

43268-09

### Models

For model fitment information, see the P&A Catalog or the Parts and Accessories section of [www.harley-davidson.com](http://www.harley-davidson.com).

### Kit Contents

See the Service Parts section for kit contents.

### Additional Parts Required

This kit includes the custom wheel only.

Proper installation of this kit requires the separate purchase of the following parts which are available at a Harley-Davidson dealer:

- Wheel Installation Kit (See Table 3 through Table 4 to determine required installation kit.
- Brake Disc Screws (See Table 1 to determine proper hardware.)
- Rear Sprocket Screws (See Table 1 to determine proper hardware.) See the P&A Retail Catalog for chrome sprocket hardware.
- Wheel Bearing Remover and Installer (94134-09A)

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)
- Harley® Preserve Bare Aluminum Protectant (99845-07)

#### ⚠ WARNING

Rider and passenger safety depend 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. (00333b)

#### 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.

Table 1. Rear Disc and Sprocket Hardware Fitment

Hardware	Fitment
<b>Rear Disc Screws</b> (select stock or chrome hardware)	
5 Stock disc screws (43567-92)	All models
Chrome screw kit (46647-05) includes 5 screws	All models
<b>Rear Sprocket Screws</b> (select stock or chrome hardware)	
5 Sprocket screw, stock (3109)	2007 and later Dyna and Softail, 2007 Touring
Chrome screw kit (94773-07) includes 5 screws and washers	2007 and later Dyna and Softail
5 Sprocket screw, stock (3737A)	2000-2005 Dyna, 2000-2006 Softail, 2004-2006 Touring
Chrome screw kit (94773-00A) includes 5 screws and washers	2000-2005 Dyna, 2000-2006 Softail
5 Sprocket screw, stock (3814)	2008 Touring
5 Sprocket screw, stock (3873)	2006 Dyna
5 Sprocket screw, stock (3899)	2000-2003 Touring, 2001 and later Sportster (except Japanese models)
5 Sprocket screw, stock (40439-01)	2002-2006 VRSC and 2007 VRSCR models
5 Sprocket screw, stock (4552)	2007 and later VRSC models (except VRSCR and VRSCSE models)
<b>Rear Sprocket Washers</b>	
5 Sprocket washer, stock (6516HW)	2006 and earlier Dyna, Softail and Touring and 2000 and later Sportster models (except Japanese models)
5 Sprocket washer, stock (7039)	2002 and later VRSC

### INSTALLATION

1. Remove existing rear wheel assembly. Save axle, axle nut, brake disc and wheel spacers for kit installation. Refer to the service manual.

#### NOTE

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 your dealer. See your dealer for the correct part number for your model motorcycle.

**NOTE**

Install short valve stem (43157-83A) included in the installation kit. Discard all other valve stems.

- See Figure 1. Install valve stem assembly (H) on wheel. Refer to service manual.

**NOTICE**

**Do not re-use brake disc/rotor screws. Re-using these screws can result in torque loss and damage to brake components. (00319c)**

**NOTICE**

**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)**

- Assemble wheel installation kit components, stock brake disc and sprocket to wheel, using the appropriate service parts table. Refer to service manual.

- Install primary bearing first following the instructions in the service manual and using a WHEEL BEARING REMOVER/INSTALLER.

**NOTE**

The groove machined in the hub face indicates the primary bearing side.

- Install rear wheel (1), stock axle, sprocket and stock spacers to motorcycle. See service manual.

**MAINTENANCE AND CLEANING**

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

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

**SERVICE PARTS**

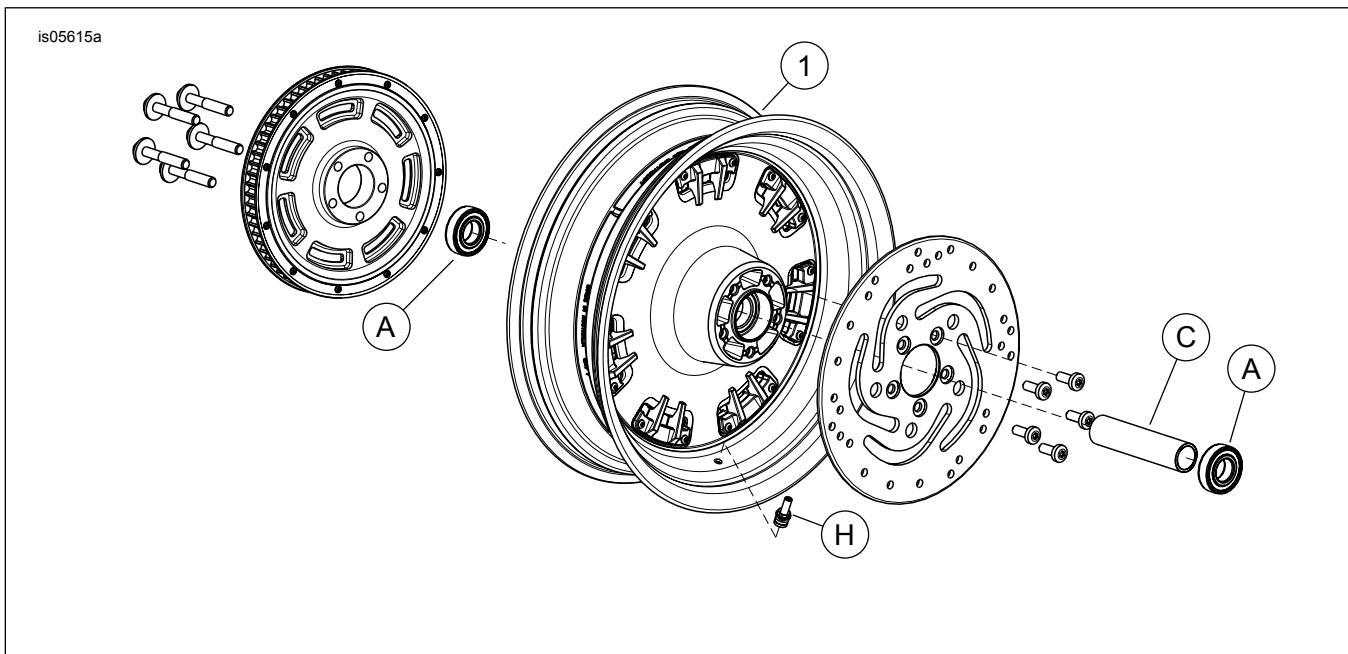


Figure 1. Service Parts: Rear Fang Wheel

Table 2. Service Parts and Wheel Kit Contents

Kit	Item	Description (Quantity)	Part Number
43268-09	1	Wheel	Not Sold Separately

Table 3. REAR 25 MM Bearing Wheel Installation Kit (41451-08B)

REAR 25 MM Bearing Wheel Installation Kit (41451-08B)		Item (Quantity Used and Description)						
Fitment	Wheel Size	A	C	F	H	I	J	
2008 and later FXDF	16 x 5.0 in	2	1	0	*	*	*	
2008 and later Dyna (except FXDF)	17 x 4.5 in	2	1	**	*	*	*	
2008 and later FXDF	18 x 6.0 in	2	1	0	*	*	*	

**Table 3. REAR 25 MM Bearing Wheel Installation Kit (41451-08B)**

REAR 25 MM Bearing Wheel Installation Kit (41451-08B)		Item (Quantity Used and Description)					
Fitment	Wheel Size	A	C	F	H	I	J
Installation kits are designed to work with many different wheel styles and fitments. Contact a Harley-Davidson dealer to verify that the wheel and installation kits are both designed and approved for the motorcycle they are being installed on. NOTES: * See <i>NOTE</i> above valve installation step in INSTALLATION to determine which valve stem to use for your particular kit. Discard other valve stem(s). ** See NOTES for your wheel kit above the wheel assembly step in INSTALLATION to determine which bearing shim to use for your particular wheel kit and fitment. *** Bearing shim installed under the primary bearing.		A	Bearing, regular (2)			9276	
		C	Axle sleeve			43905-08	
		F	Bearing shim***			43904-08	
		H	Valve stem, short			43157-83A	
		I	Valve stem, long			43206-01	
		J	Valve stem, pull-thru			40999-87	

**Table 4. REAR 25 MM Bearing ABS Wheel Installation Kit (42400003)**

REAR 25 MM Bearing ABS Wheel Installation Kit (42400003)		Item (Quantity Used and Description)						
Fitment	Wheel Size	A	B	C	F	H	I	J
2008 and later FXDF	16 x 5.0 in	1	1	1	0	*	*	*
2008 and later Dyna (except FXDF and FLD)	17 x 4.5 in	1	1	1	1	*	*	*
2012 FLD	17 x 4.5 in	1	1	1	0	*	*	*
2008 and later FXDF	18 x 6.0 in	1	1	1	0	*	*	*
Installation kits are designed to work with many different wheel styles and fitments. Contact a Harley-Davidson dealer to verify that the wheel and installation kits are both designed and approved for the motorcycle they are being installed on. NOTES: * See <i>NOTE</i> above valve installation step in INSTALLATION to determine which valve stem to use for your particular kit. Discard other valve stem(s). ** Primary bearing. Bearing must be installed with red side facing the wheel.		A	Bearing, regular			9276		
		B	Bearing, ABS**			9252		
		C	Axle sleeve			43905-08		
		F	Bearing shim			43904-08		
		H	Valve stem, short			43157-83A		
		J	Valve stem, pull-thru			40999-87		