



INSTRUCTIONS

J04026

2012-07-16



FRONT NINE-SPOKE WHEELS

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

43539-08, 43496-07

Models

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

NOTE

Accessory hub caps are not compatible with this wheel.

Kit Contents

See Figure 1 and Service Parts Tables.

Additional Parts Required

This kit includes the custom wheel only. Some kits also include a hub cap.

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 2 through Table 7 to determine required installation kit.)
- 10 Brake Disc/Hub Cap Screws (3655A) or 2 Chrome screw kits (46646-05)
- Wheel Bearing Remover and Installer (94134-09)

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.

INSTALLATION

1. Remove existing front wheel assembly. Save axle, axle nut, brake disc and wheel spacers for kit installation. Refer to FRONT WHEEL in service manual. **For FLSTC and FLSTN Models:** Discard moon-style hub cap.

NOTE

Install long valve stem (43206-01) included in the installation kit. Discard all other valve stems.

2. See Figure 1. Install valve stem assembly (M) on wheel. Refer to TIRES in 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)

3. Assemble wheel installation kit components and brake disc(s) to wheel, using the appropriate service parts table. Refer to FRONT WHEEL in Service Manual.

NOTE

Install the primary bearing first using appropriate service manual and WHEEL BEARING REMOVER/INSTALLER.

The machined grooves in the hub face and/or the side of the wheel opposite the valve stem indicates the primary bearing side.

The front wheel should be installed so that the valve stem is on the right side of the motorcycle.

4. **FLSTC and FLSTN models:** Install wheel kit and right hand wheel spacer provided in kit installation. **All other models:** Install wheel spacers previously removed.
5. Install front wheel (1), stock axle, and stock axle nut. Refer to FRONT WHEEL in service manual.



MAINTENANCE AND CLEANING

NOTE

This wheel assembly includes plugs that have been installed in the openings between the brake disc mounting holes on one side of the wheel. Missing or damaged plugs can be replaced using the Wheel Plug Kit (44459-04).

Chrome parts must be maintained regularly to 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

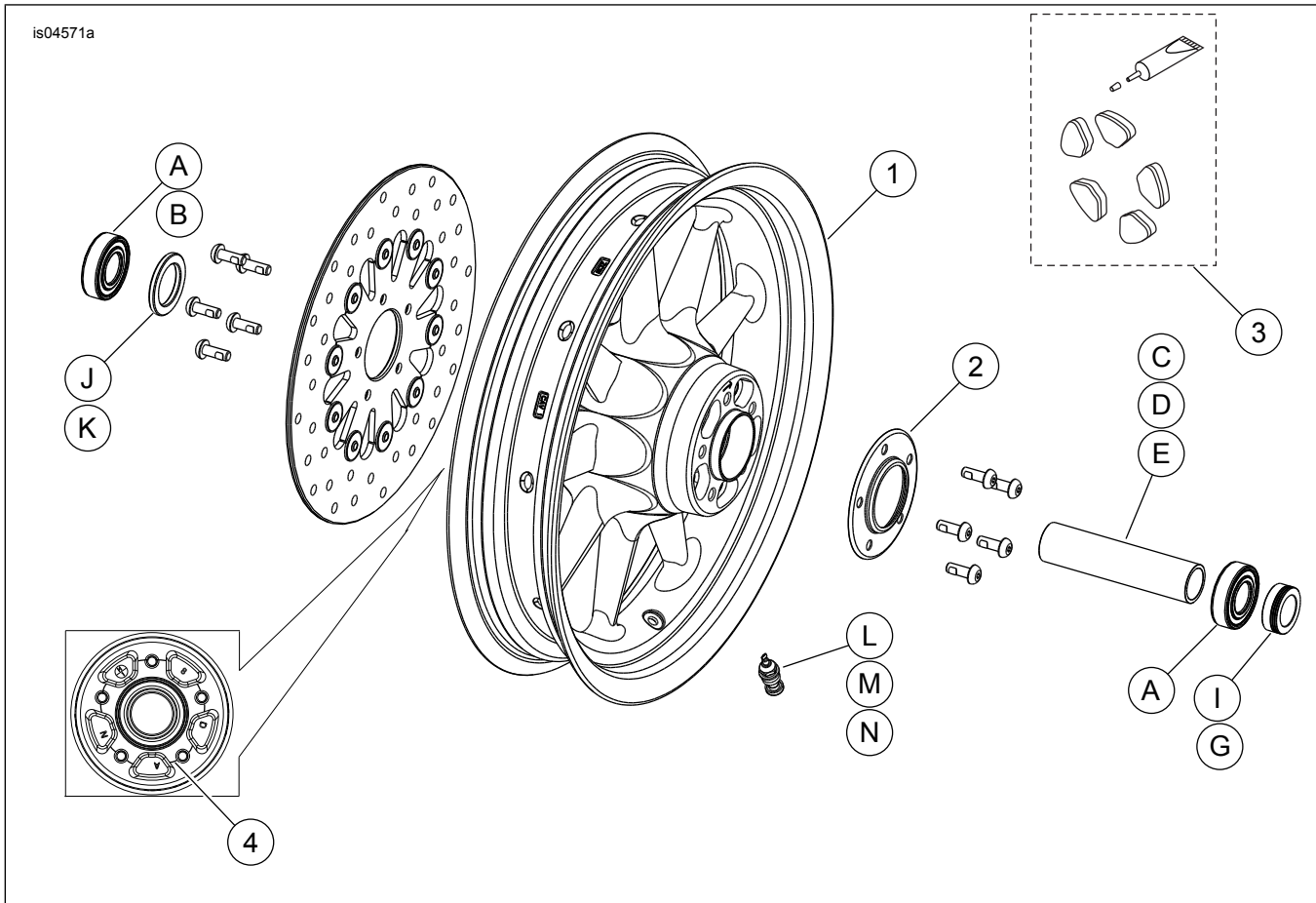


Figure 1. Service Manual: Front Nine-Spoke Wheels

Table 1. Service Parts and Wheel Kit Contents

Kit	Item	Description (Quantity)	Part Number
43539-08	1	Wheel	Not Sold Separately
	3	Plug service kit	43220-04
43496-07	1	Wheel	Not Sold Separately
	2	Hub cap	43986-00
	3	Plug service kit	44459-04
Visual indicator mentioned in text:			
	4	Machined groove (all wheels)	

Table 2. FRONT 3/4 Inch Bearing Wheel Installation Kit (43833-07A)

FRONT 3/4 Inch Bearing Wheel Installation Kit (43833-07A)		ITEM (Quantity Used and Description)									
Fitment	Wheel Size	A	C	D	E	G	H	I	L	M	
2000-2006 FLST and FLSTF (except 2006 FLSTFSE2)	16 x 3.0 in	2	0	1	0	0	0	0	*	*	
2000-2006 FLSTC and FLSTN	16 x 3.0 in	2	0	1	0	0	0	1	*	*	
2006 FLSTFSEi	17 x 3.5 in	2	0	1	0	0	0	1	*	*	
2008-later FLSTSB	18 x 3.5 in	2	0	***	0	***	0	0	*	*	
2000-2007 XL; 2000-2003 Dyna (except FXDWG)	19 x 2.5 in	2	0	0	1	0	0	0	*	*	

Table 2. FRONT 3/4 Inch Bearing Wheel Installation Kit (43833-07A)

FRONT 3/4 Inch Bearing Wheel Installation Kit (43833-07A)		ITEM (Quantity Used and Description)									
Fitment	Wheel Size	A	C	D	E	G	H	I	L	M	
2000-2007 XL; 2000-2003 Dyna (except FXDWG)	21 x 2.15 in	2	0	0	1	0	0	0	*	*	
2000-2006 FXST/B/C; 2000-2005 FXDWG**	21 x 2.15 in	2	1	0	0	0	0	0	*	*	
2000-2006 FXSTS**	21 x 2.15 in	2	1	0	0	0	1	0	*	*	
2000-2006 FXSTD (Except FXSTDSE)**	21 x 2.15 in	2	1	0	0	1	0	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 NOTE above valve installation step in INSTALLATION to determine which valve stem to use for your particular kit. Discard other valve stem(s). ** The right side of the wheel is the primary bearing side for this fitment. *** See INSTALLATION section for separate hardware kit to be used for FLSTSB models.	A	Bearing, regular (2)							9267		
	C	Axle sleeve							43536-00		
	D	Axle sleeve							43608-00		
	E	Axle sleeve							43613-00		
	G	Spacer, axle							40910-00A		
	H	Spacer, axle							43313-98		
	I	Spacer, wheel							43617-00A		
	L	Valve stem, short							43157-83A		
M	Valve stem, long							43206-01			

Table 3. FRONT 1 Inch Bearing Wheel Installation Kit (43848-08A)

FRONT 1 Inch Bearing Wheel Installation Kit (43848-08A)		ITEM (Quantity Used and Description)							
Fitment	Wheel Size	A	C	D	E	F	L	M	
2000-2007 Touring	16 x 3.0 in	2	1	0	0	0	*	*	
2004-2007 Touring	18 x 3.5 in	2	1	0	0	0	*	*	
2004-2005 Dyna (except FXDWG)	19 x 2.5 in	2	0	0	0	1	*	*	
2006-2007 Dyna (except FXDWG)	19 x 2.5 in	2	0	0	1	0	*	*	
2002-2007 VRSC	19 x 3.0 in	2	0	0	1	0	*	*	
2006-2007 FXDWG**	21 x 2.15 in	2	0	1	0	0	*	*	
2004-2005 Dyna (except FXDWG)	21 x 2.15 in	2	0	0	0	1	*	*	
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 NOTE above valve installation step in INSTALLATION to determine which valve stem to use for your particular kit. Discard other valve stem(s). ** The right side of the wheel is the primary bearing side for this fitment.	A	Bearing, regular (2)							9247
	C	Axle sleeve							43517-00
	D	Axle sleeve							43633-06
	E	Axle sleeve							43641-01
	F	Axle sleeve							43755-04
	L	Valve stem, short							43157-83A
	M	Valve stem, long							43206-01

Table 4. FRONT 25 mm Bearing Wheel Installation Kit (41455-08C)

FRONT 25 mm Bearing Wheel Installation Kit (41455-08C)		ITEM (Quantity Used and Description)								
Fitment	Wheel Size	A	C	D	J	K	L	M	N	
2008 Touring; 2009 and later FLHRC (non-ABS) and Trike (non-ABS)	16 x 3.0 in	2	0	1	0	1	*	*	*	
2009 and later Touring (non-ABS)	17 x 3.0 in	2	0	1	0	0	*	*	*	
2008 and later Touring (non-ABS)	18 x 3.5 in	2	0	1	0	**	*	*	*	
2008 and later Dyna (except FLD, FXDWG and FXDF)	19 x 2.5 in	2	1	0	**	0	*	*	0	
2008 and later VRSCAW, VRSCD, VRSCF and VRSCDX (non-ABS)	19 x 3.0 in	2	1	0	**	0	*	*	0	
2009 and later Touring (non-ABS)	19 x 3.5 in	2	0	1	0	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 NOTE 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 if bearing shim is used for your particular wheel kit and fitment. *** Bearing shim installed under the primary bearing.	A	Bearing, regular (2)							9276	
	C	Axle sleeve							41748-08	
	D	Axle sleeve							41900-08	
	J	Bearing shim***							41450-08	
	K	Bearing shim***							43903-08	
	L	Valve stem, short							43157-83A	
	M	Valve stem, long							43206-01	
	N	Valve stem, pull thru							40999-87	

Table 5. FRONT 25 mm Bearing Wheel Installation Kit (43851-11A)

FRONT 25 mm Bearing Wheel Installation Kit (43851-11A)		ITEM (Quantity Used and Description)								
Fitment	Wheel Size	A	C	G	H	J	L	M	N	
2007 and later FLSTC, FLSTN and FLS (non-ABS)	16 x 3.0 in	2	1	0	1	1	*	*	*	
2008 and later FXDF	16 x 3.0 in	2	1	0	0	0	*	*	*	
2007 and later FLSTF and FLSTFB (non-ABS)	17 x 3.5 in	2	1	0	0	0	*	*	*	
2008 and later FLSTF and FLSTFB (non-ABS)	18 x 3.5 in	2	1	0	0	0	*	*	*	
2008 and later FXDF; 2012 and later FLD	18 x 3.5 in	2	1	0	0	0	*	*	*	

Table 5. FRONT 25 mm Bearing Wheel Installation Kit (43851-11A)

FRONT 25 mm Bearing Wheel Installation Kit (43851-11A)		ITEM (Quantity Used and Description)							
Fitment	Wheel Size	A	C	G	H	J	L	M	N
2007 and later FXS, FXST/B/C (non-ABS); 2008 and later FXD-WG***	21 x 2.15 in	2	1	0	0	1	*	*	*
2007 FXSTD***	21 x 2.15 in	2	1	1	0	1	*	*	*
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 NOTE above valve installation step in INSTALLATION to determine which valve stem to use for your particular kit. Discard other valve stem(s). ** Bearing shim installed under the primary bearing. *** The left side of the wheel is the primary bearing side for this fitment.		A	Bearing, regular (2)				9276		
		C	Axle sleeve				41349-07		
		G	Spacer, axle				41504-07		
		H	Spacer, axle				41695-07		
		J	Bearing shim**				43315-07		
		L	Valve stem, short				43157-83A		
		M	Valve stem, long				43206-01		
N	Valve stem, pull-thru				40999-87				

Table 6. FRONT 25 mm Bearing ABS Wheel Installation Kit (41454-08B)

FRONT 25 mm Bearing ABS Wheel Installation Kit (41454-08B)		ITEM (Quantity Used and Description)								
Fitment	Wheel Size	A	B	C	D	J	K	L	M	N
2008 Touring and 2009 and later FLHRC with ABS	16 x 3.0 in	1	1	0	1	0	1	*	*	0
2009 and later Touring with ABS	17 x 3.0 in	1	1	0	1	0	0	*	*	*
2008 and later Touring with ABS	18 x 3.5 in	1	1	0	1	**	**	*	*	*
2012 and later Dyna with ABS (Except FLD, FXDWG and FXDF)	19 x 2.5 in	1	1	1	0	**	**	*	*	0
2008 and later VRSCAW, VRSCD, VRSCF and VRSCDX with ABS	19 x 3.0 in	1	1	1	0	**	**	*	*	0
2009 and later Touring with ABS	19 x 3.5 in	1	1	0	1	0	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 NOTE 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. *** Red side of bearing must be installed toward the wheel. The ABS bearing is primary. **** Bearing shim installed under the primary bearing.		A	Bearing, regular				9276			
		B	Bearing, ABS***				9252			
		C	Axle sleeve				41748-08			
		D	Axle sleeve				41900-08			
		J	Bearing shim****				41450-08			
		K	Bearing shim****				43903-08			
		L	Valve stem, short				43157-83A			
M	Valve stem, long				43206-01					
N	Valve stem, pull thru				40999-87					

Table 7. FRONT 25 mm Bearing ABS Wheel Installation Kit (43093-11A)

FRONT 25 mm Bearing ABS Wheel Installation Kit (43093-11A)		ITEM (Quantity Used and Description)									
Fitment	Wheel Size	A	B	C	D	G	J	K	L	M	N
2011 and later FLSTC, FLSTN and FLS with ABS	16 x 3.0 in	1	1	1	0	1	0	1	*	*	*
2012 and later FXDF with ABS	16 x 3.0 in	1	1	1	0	0	0	0	*	*	*
2011 and later FLSTF and FLSTFB with ABS	17 x 3.5 in	1	1	1	0	0	0	0	*	*	*
2011 and later FLSTF and FLSTFB with ABS	18 x 3.5 in	1	1	1	0	0	0	0	*	*	*
2012 and later FXDF and FLD with ABS	18 x 3.5 in	1	1	1	0	0	0	0	*	*	*
2011 and later FXCWC with ABS	19 x 2.15 in	1	1	0	1	0	0	0	*	*	*
2011 and later FXCWC with ABS	19 x 2.5 in	1	1	0	1	0	1	0	*	*	*
2011 and later FXS, FXST and 2012 and later FXDWG with ABS	21 x 2.15 in	1	1	1	0	0	0	1	*	*	*
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 NOTE above valve installation step in INSTALLATION to determine which valve stem to use for your particular kit. Discard other valve stem(s). ** Red side of bearing must be installed toward the wheel. The ABS bearing is the primary bearing. *** Bearing shim installed under the primary bearing.		A	Bearing, regular				9276				
		B	Bearing, ABS**				9252				
		C	Axle sleeve				41349-07				
		D	Axle sleeve				41548-08				
		G	Spacer				41695-07				
		J	Bearing shim***				41448-08				
		K	Bearing shim***				43315-07				
L	Valve stem, short				43157-83A						
M	Valve stem, long				43206-01						
N	Valve stem, pull-thru				40999-87						