



INSTRUCTIONS

J04221

2016-08-22



FRONT TYPHOON 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 Numbers

44615-08, 40882-08, 40141-10, 40774-10, 44627-08, 44657-08, 43300053, 43300055, 43300350, 43300351

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 Table 2 for kit contents.

Additional Parts Required

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

- Wheel Installation Kit (Refer to Table 3. through Table 10 to determine required installation kit.)
- Brake Disc Screws (See Figure 1. and Table 1)
- Wheel Bearing Remover and Installer (94134-09A)

If installing kit 44615-08, 40774-10, 44657-08 or 43300053 on a Dyna model with stock laced wheels, the separate purchase of stock brake disc (44553-06A) or polished brake disc (41500012A) is required.

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

- Chrome Clean & Shine (93600031 (US) / 93600082 (International))
- Glaze Poly Sealant (93600026 (US) / 93600079 (International))
- Harley® Wheel and Spoke Brush (43078-99)
- Wheel & Tire Cleaner (93600024 (US) / 93600076 (International))
- Bare Aluminum Wheel Protectant (93600028 (US) / 93600083 (International))

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

- Touch-Up pen, wheel, black (94482)

▲ 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 this year/model motorcycle is required for this installation. One is available from a Harley-Davidson dealer.

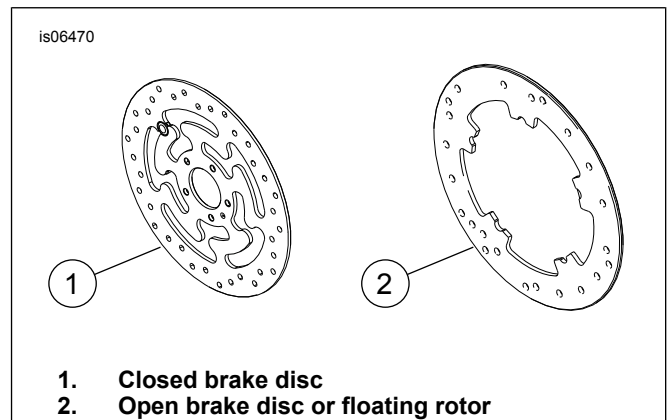


Figure 1. Front Brake Disc Styles

Table 1. Front Disc Hardware Fitment

Brake Disc	Hardware
Closed disc	5 Stock disc screws (3655A)
	Chrome screw kit (46646-05) includes 5 screws
Open disc	5 Stock disc screws (3762M) and 5 disc washers (6966M)

NOTE: Models equipped with dual front brakes and models being equipped with a wheel with dual brake mounting surfaces require twice as many screws/washers (10 total screws or 2 chrome screw kits if available).

INSTALLATION

NOTE

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.

1. Remove existing front wheel assembly. Save axle, axle nut, brake disc (except when replacing a stock laced wheel on a Dyna model) and wheel spacers for kit installation. Refer to FRONT WHEEL in service manual. **For FXSTD models:** Discard tapered spacer. Refer to FRONT WHEEL in service manual.

NOTE

For kits 43300350 and 43300351 install short valve stem (43157-83A), for all others install long valve stem (43206-01) included in the installation kit. Discard all other valve stems.

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

NOTE

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

For Kits 44615-08, 40774-10, 44657-08, 43300053:

- The lettering on the left side of the wheel indicates the primary bearing side.
- **For 2008 and later Dyna models:** Install bearing shim (41450-08) under the primary bearing.

For Kits 40882-08, 40141-10, 44627-08 and 43300055:

- For 2006 and later FXDWG Models: When correctly installed, the tire will be 2–5 mm (0–0 in) off of center, compared to the fender.
- The left side of the wheel has DOT markings.
- **For 2006 and earlier FX Softail models and 2007 and earlier FXDWG models:** The right side of the wheel is the primary bearing side.
- **For 2007 and later FX Softail models and 2008 and later FXDWG models:** The left side of the wheel is the primary bearing side. Install the shim indicated in the installation kit table.

- **For FXSTS models:** The right side is the brake disc side.
- **For all other models:** The left side is the brake disc side.

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.
4. **For FXSTD models:** Install wheel kit and wheel spacer provided in installation kit in place of the tapered right side spacer discarded in Step 1. Refer to FRONT WHEEL in service manual. **For FXSTS models:** Install the spacer provided in the installation kit between the stock left side spacer and the left fork. **For all other models:** Install previously removed wheel spacers. Refer to FRONT WHEEL in service manual.
5. Install front wheel (1), stock axle and stock axle nut. Refer to FRONT WHEEL in service manual.

MAINTENANCE AND CLEANING

Chrome and aluminum parts must be maintained regularly to keep their original shine and luster.

1. Clean heavily-soiled wheel surfaces using Wheel and Tire Cleaner, applied with Wheel and Spoke Brush.
2. Thoroughly clean chrome with a good quality chrome cleaner, such as Chrome Clean & Shine.
3. For bare aluminum features on 40141-10, 40774-10, 43300053, 43300055 and 43300351 wheels, use Bare Aluminum Wheel Protectant.
4. After cleaning and polishing, seal the finish with a good quality sealer, such as Glaze Poly Sealant.

SERVICE PARTS

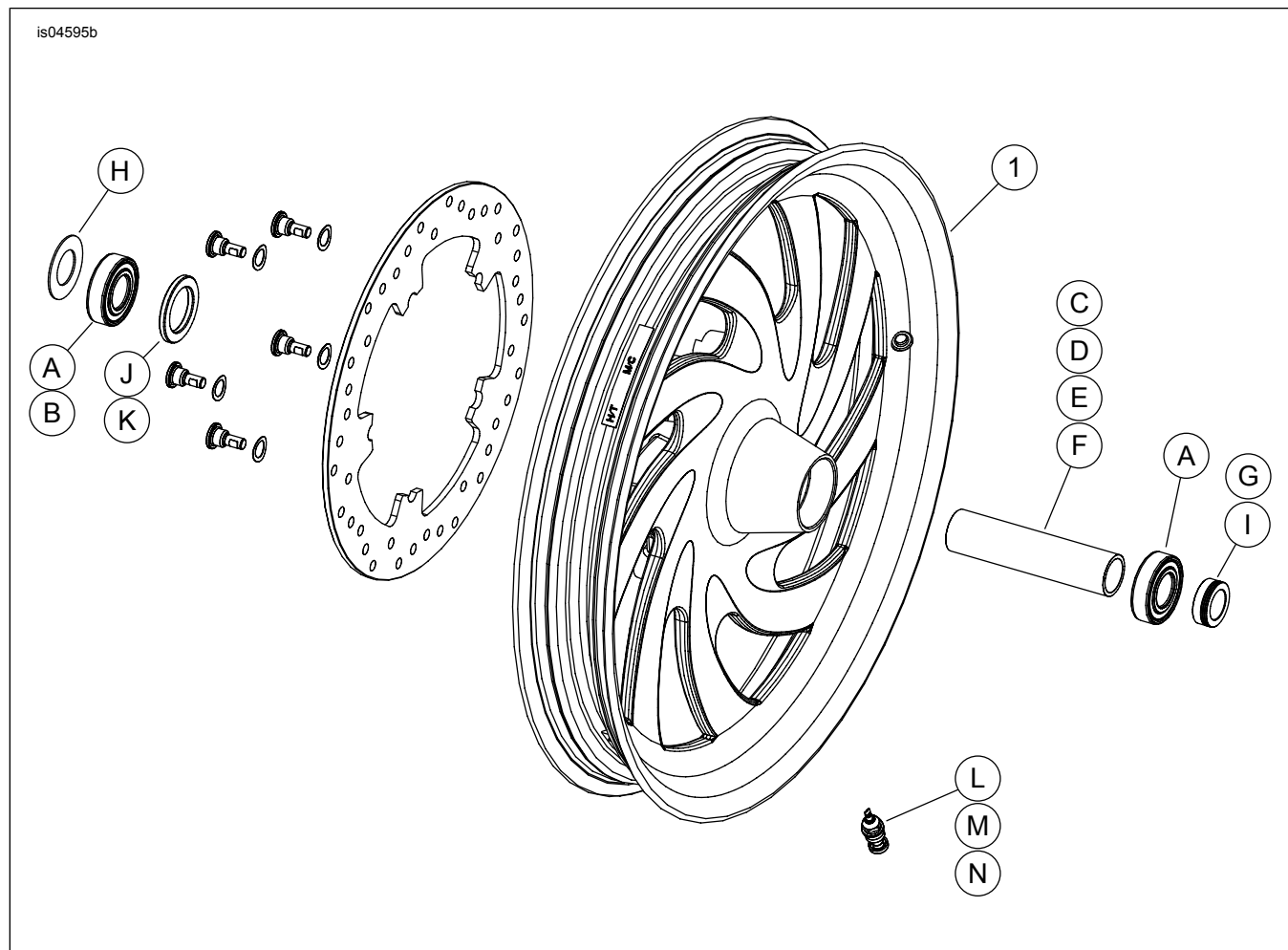


Figure 2. Service Parts: Front Typhoon Disc Wheel (19-inch wheel shown)

Table 2. Service Parts and Wheel Kit Contents

Kit	Item	Description (Quantity)	Part Number
44657-08, 44615-08, 40774-10, 43300053, 43300350, 43300351	1	Wheel	Not Sold Separately
44627-08, 40882-08, 40141-10, 43300055	1	Wheel	Not Sold Separately
	2	Hub cap	43995-00

Table 3. 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	*	*	
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	*	*	

Table 3. 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	
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 4. 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 5. FRONT 25 mm Bearing Non-ABS Wheel Installation Kit (41455-08C)

FRONT 25 mm Bearing Non-ABS 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 - 2017 Dyna (except FLD, FXDWG, FXDF)	19 x 2.5 in	2	1	0	**	0	*	*	0	
2008 - 2017 VRSCAW, VRSCD, VRSCF, 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	*	*	*	
2017 and later FLTRX, FLTRXS, FLTRXSE (non-ABS)	21 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)					9276B		
		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 6. 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	*	*	*	
2007 and later FXS, FXST/B/C (non-ABS); 2008 and later FXDWG***	21 x 2.15 in	2	1	0	0	1	*	*	*	
2007 FXSTD***	21 x 2.15 in	2	1	1	0	1	*	*	*	

Table 6. 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
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 7. 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 - 2017 Dyna with ABS (Except FLD, FXDWG and FXDF)	19 x 2.5 in	1	1	1	0	**	**	*	*	0
2008 - 2017 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	*	*	*
2017 and later FLTRX, FLTRXS, FLTRXSE with ABS	21 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		9276B					
		B	Bearing, ABS***		9252A					
		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 8. FRONT 25 mm Bearing Wheel Installation Kit (42400008)

FRONT 25 mm Bearing Wheel Installation Kit (42400008)		ITEM (Quantity Used and Description)							
Fitment	Wheel Size	A	C	D	E	K	L	M	N
2015 and later XG500/XG750	17 x 2.5 in	2	1	0	0	0	1	0	0
2010 and later XL1200X; 2011 and later XL1200C	16 x 3.0 in	2	0	0	1	0	*	*	*
2008 and later XL (except XL1200X and 2011 and later XL883L)	19 x 2.5 in	2	1	0	0	1	*	*	*
2008 and later XL (except XL1200X and 2011 and later XL883L)	21 x 2.15 in	2	1	0	0	1	*	*	*
2013 and later FXSB (non-ABS)	21 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). ** Bearing shim installed under the primary bearing.		A	Bearing, regular (2)		9276A				
		C	Axle sleeve		43906-08				
		D	Axle sleeve		43300200				
		E	Axle sleeve		11888				
		K	Bearing shim**		43315-07				
		L	Valve stem, short		43157-83A				
		M	Valve stem, long		43206-01				
		N	Valve stem, pull thru		40999-87				

Table 9. FRONT 25 mm Bearing ABS Wheel Installation Kit (42400009A)

FRONT 25 mm Bearing ABS Wheel Installation Kit (42400009A)		ITEM (Quantity Used and Description)								
Fitment	Wheel Size	A	B	C	D	E	K	L	M	N
2013 and later FXSB with ABS	21 x 3.5 in	1	1	0	1	0	0	1	0	0
2014 and later XL1200X and XL1200C with ABS	16 x 3.0 in	1	1	0	0	1	0	*	*	*
2014 and later XL (except XL1200C, XL1200X and XL883L) with ABS	19 x 2.5 in	1	1	1	0	0	1	*	*	0
2014 and later XL (except XL1200C, XL1200X and XL883L) with ABS	21 x 2.15 in	1	1	1	0	0	1	*	*	0
2017 and later XG500 and XG750 with ABS	17 x 2.5 in	1	1	1	0	0	0	*	*	*

Table 9. FRONT 25 mm Bearing ABS Wheel Installation Kit (42400009A)

FRONT 25 mm Bearing ABS Wheel Installation Kit (42400009A)		ITEM (Quantity Used and Description)									
Fitment	Wheel Size	A	B	C	D	E	K	L	M	N	
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					9276A			
		B	Bearing, ABS**					9252			
		C	Axle sleeve					43906-08			
		D	Axle sleeve					43300200			
		E	Axle sleeve					11888			
		K	Bearing shim***					43315-07			
		L	Valve stem, short					43157-83A			
		M	Valve stem, long					43206-01			
	N	Valve stem, pull-thru					40999-87				

Table 10. FRONT 25 mm Bearing ABS Wheel Installation Kit (42400010)

FRONT 25 mm Bearing ABS Wheel Installation Kit (42400010)		ITEM (Quantity Used and Description)									
Fitment	Wheel Size	A	B	C	G	J	K	L	M	N	
2011 and later FLSTC, FLSTN and FLS with ABS	16 x 3.0 in	1	1	1	1	0	1	*	*	*	
2012 and later FXDF with ABS	16 x 3.0 in	1	1	1	0	0	0	*	*	*	
2011 and later FLSTF and FLSTFB with ABS	17 x 3.5 in	1	1	1	0	0	0	*	*	*	
2011 and later FLSTF and FLSTFB with ABS	18 x 3.5 in	1	1	1	0	0	0	*	*	*	
2012 and later FXDF and FLD with ABS	18 x 3.5 in	1	1	1	0	0	0	*	*	*	
2011 and later FXS, FXST and 2012 and later FXDWG with ABS	21 x 2.15 in	1	1	1	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					9276A			
		B	Bearing, ABS**					9252			
		C	Axle sleeve					41349-07			
		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				