FRONT MAGNUM 5 WHEEL

GENERAL

AWARNING

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

43621-09, 40806-09, 40516-10, 40125-10, 43300049, 43300051

Models

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

NOTE

Accessory hub caps are not compatible with this wheel.

Kit Contents

This kit includes the custom wheel only.

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 (See Table 3 through Table 8 to determine required installation kit.)
- Brake Disc Screws (See Figure 1 and Table 1.)
- Wheel Bearing Remover and Installer (94134-09A)
- If installing on a Dyna model with an original equipment laced front wheel, separate purchase of stock brake disc (44553-06A) or polished brake disc (41500012) is required.

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

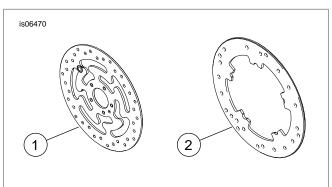
This instruction sheet references service manual information. A service manual for your model motorcycle is required for this installation and is available from a Harley-Davidson dealer.

Recommended Additional Parts

It is recommended that a floating brake rotor be purchased separately if objectionable brake noise is experienced from the brake rotor. Refer to the P&A Retail Catalog or the Parts and Accessories section of www.harley-davidson.com for part numbers.

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)



- 1. Closed brake disc.
- 2. Open brake disc or floating rotor

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).

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INSTALLATION

NOTES

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

Use plastic protectors on the 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.

 Remove existing front wheel assembly. Save axle, axle nut and wheel spacers for kit installation. Refer to FRONT WHEEL in service manual.

If replacing a Dyna stock cast wheel, save the open-style brake rotor for future use.

NOTICE

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

NOTE

For Kits 40806-09, 40125-10 and 43300051: Install short valve stem (43157-83A) included in the installation kit.

 For 2006 and later FXDWG Models: When correctly installed, the tire will be 0.08-0.2 in (2-5 mm) off of center, compared to the fender.

For Kits 43621-09, 40516-10 and 43300049: Install long valve stem (43206-01) included in the installation kit.

- See Figure 2. Install valve stem assembly (L or M) on wheel. Refer to TIRES in service manual.
- Assemble wheel installation kit components and brake disc(s) to wheel, using the appropriate service parts table. Refer to FRONT WHEEL in service manual.

NOTES

For 2007 and later Softail models or 2008 and later Dyna models: Install the bearing shim indicated in the service parts table for your year and model motorcycle.

Install the primary bearing first with the WHEEL BEARING REMOVER/INSTALLER, following the service manual instructions.

The brake mounting surfaces on the left side of the wheel indicate the primary bearing side.

- Install wheel assembly parts from the appropriate service parts table for your fitment and stock brake disc(s). Discard parts from the installation kit that are not required. Refer to FRONT WHEEL in service manual.
- 5. Mount and balance tire.
- 6. Install wheel spacer (H) previously removed.
- Install front wheel (1), stock axle and stock axle nut. Refer to FRONT WHEEL in service manual.

MAINTENANCE AND CLEANING

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

- Clean heavily-soiled wheel surfaces using Harley-Davidson Wheel and Tire Cleaner, applied with Harley Wheel and Spoke Brush.
- 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.



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SERVICE PARTS

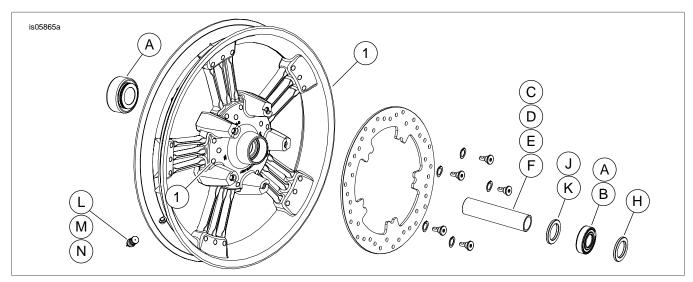


Figure 2. Service Parts: Front Magnum 5 Wheels (19-inch shown)

Table 2. Service Parts and Wheel Kit Contents

Kit	Item	Description (Quantity)	Part Number
43621-09, 40516-10, 40806-09, 40125-10, 43300049, 43300051		Wheel	Not Sold Separately

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

FRONT 3/4 Inch Bearing Wheel Installation Kit (43833-07A)		ITE	EM (C	Quan	tity (Jsed	and	Des	cript	ion)
Fitment	Wheel Size	Α	С	D	E	G	Н	ı	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	*	*
Installation kits are designed to work with many different wheel		А	Bea	ring,	regu	lar (2)	926	7	
Contact a Harley-Davidson dealer to verify that the wheel and in both designed and approved for the motorcycle they are being it		C	Axle	slee	eve			4353	36-00)
NOTES:								4360	08-80)
* See NOTE above valve installation step in INSTALLATION to		E	Axle	slee	eve	A		436	13-00)
valve stem to use for your particular kit. Discard other valve ster ** The right side of the wheel is the primary bearing side for this		G	Spa	cer, a	axle			409°	10-00)A
*** See INSTALLATION section for separate hardware kit to be		Н	Spa	cer, a	axle			433	13-98	3
models.			Spa	cer, v	whee		/	436	17-00)A
		L	Valv	e ste	m, s	hort	R	431	57-83	3A
			Valv	e ste	m, lo	ng		4320	06-01	I

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Table 4. FRONT 1 Inch Bearing Wheel Installation Kit (43848-08A)

FRONT 1 Inch Bearing Wheel Installation Kit (43848-08A)			EM (Q	uantit	y Use		d Des	crip-
Fitment	Wheel Size	Α	С	D	Е	F	L	М
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	•	Α	Bear	ing, re	gular	(2)	9247	
Contact a Harley-Davidson dealer to verify that the wheel and i		С	Axle	sleeve	Э		4351	7-00
designed and approved for the motorcycle they are being instal NOTES:	lea on.	D	Axle	sleeve	Э		4363	3-06
* See <i>NOTE</i> above valve installation step in INSTALLATION to	determine which valve	Е	Axle	sleeve	Э		4364	1-01
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.			Axle	sleeve	4375	5-04		
			Valve	4315	7-83A			
				stem	i, long	J	4320	6-01

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

FRONT 25 mm Bearing Wheel Installation Kit (41455-08C)			ITE	•	uant escr	_		and	
Fitment	Wheel Size	Α	С	D	J	K	L	М	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	*	*	*
						lar	927	6 48-0)8
* See <i>NOTE</i> above valve installation step in INSTALLATION to determ	ine which valve	D	Axle	slee		41900-08			
stem to use for your particular kit. Discard other valve stem(s).	OTATION :	J	Bea	ring	shim'	***	41450-08		
** See NOTES for your wheel kit above the wheel assembly step in IN determine if bearing shim is used for your particular wheel kit and fitm		K	K Bearing shim***				43903-08		
*** Bearing shim installed under the primary bearing.		L	Valv	e ste	m, sl	hort	431	57-8	зА
		М	Valv	e ste	em, lo	ng	432	06-0	1
					em, p	ull	409	99-8	7

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Table 6. FRONT 25 mm Bearing Wheel Installation Kit (43851-11A)

FRONT 25 mm Bearing Wheel Installation Kit (43851-11A)			ITEI	M (Q	uant escri			and	
Fitment	Wheel Size	Α	С	G	Н	J	L	М	N
2007 and later FLSTC and FLSTN (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	*	*	*
Installation kits are designed to work with many different wheel styles and a Harley-Davidson dealer to verify that the wheel and installation kits are	•					lar	927	6	
approved for the motorcycle they are being installed on. NOTES:		С	Axle		41349-07				
* See <i>NOTE</i> above valve installation step in INSTALLATION to determine	e which valve stem	G	Spa	cer, a	axle		415	04-0	7
to use for your particular kit. Discard other valve stem(s).		Н	Spacer, axle				41695-07		
** Bearing shim installed under the primary bearing. *** The left side of the wheel is the primary bearing side for this fitment.	·					**	43315-07)7
L				e ste	m, s	hort	t 43157-83A		
				e ste	m, lo	ng	43206-01		
N					m, p	ull-	409	99-8	7

Table 7. FRONT 25 mm Bearing ABS Wheel Installation Kit (41454-08B)

FRONT 25 mm Bearing ABS Wheel Installation Kit (41454-08B)			⊏IVI (<u>u</u> ua	_	Use tion)		ia De	escr	ıp-
Fitment	Wheel Size	Α	В	С	D	J	K	٦	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 Contact a Harley-Davidson dealer to verify that the wheel and installa designed and approved for the motorcycle they are being installed or	tion kits are both	A B		ring, ring,	_		1	927 925		
NOTES:			Axle	slee	eve	181		417	48-0)8
* See <i>NOTE</i> above valve installation step in INSTALLATION to determ	nine which valve	D	O Axle sleeve					41900-08		
stem to use for your particular kit. Discard other valve stem(s). ** See NOTES for your wheel kit above the wheel assembly step in I	NSTALLATION	J	Bearing shim****					414	50-0	8(
to determine which bearing shim to use for your particular wheel kit a	and fitment.	K	Bea	ring	shim	****	V	439	03-0	18
*** Red side of bearing must be installed toward the wheel. The ABS bearing is primary. **** Bearing shim installed under the primary bearing.			Valv	e ste	em, s	short		431	57-8	3A
			bearing shift installed under the primary bearing.		M	Valv	e ste	em, l	ong	
				e ste	em, p	oull th	nru	409	99-8	37

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Table 8. FRONT 25 mm Bearing ABS Wheel Installation Kit (43093-11A)

FRONT 25 mm Bearing ABS Wheel Installation Kit (43093-11A)			ITI	EM	•		ity ipti		ed a	nd		
Fitment	Wheel Size	Α	В	С	D	G	J	K	L	М	N	
2011 and later FLSTC and FLSTN 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 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 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 fitr		Α	Bea	Bearing, regular					9276			
a Harley-Davidson dealer to verify that the wheel and installation kits are both approved for the motorcycle they are being installed on.	designed and	В	B Bearing, ABS**						9252			
NOTES:		С	Axl	Axle sleeve						349-	.07	
* See NOTE above valve installation step in INSTALLATION to determine wh	ich valve stem	D	Axl	le sleeve					41548-08			
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 nrimary	G	Spa	ace	r				416	395-	.07	
bearing.	io trio primary	J	Bea	arin	g sł	nim'	***		41448-08		-08	
*** Bearing shim installed under the primary bearing.		K	Bearing shim***						433	315-	.07	
					sten	n, sl	hort	•	43 ²	157- 4	.	
					Valve stem, long					43206-01		
Transfer of the second of the				N Valve stem, pull					u 40999-87			



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