



INSTRUCTIONS

J05891

2014-02-20



BRAKE CALIPER KIT

GENERAL

Kit Number

41300134

Models

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

This kit is a direct replacement for the original equipment (OE) components, and installs in the same manner.

Installation Requirements

Fresh, uncontaminated hydraulic brake fluid from a sealed container is needed. Refer to the service manual for this year/model motorcycle to determine the correct brake fluid.

⚠ 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 refers to service manual information. A service manual for this year/model motorcycle is required for this installation. One is available from a Harley-Davidson dealer.

⚠ WARNING

Brakes are a critical safety component. Contact a Harley-Davidson dealer for brake repair or replacement. Improperly serviced brakes can adversely affect brake performance, which could result in death or serious injury. (00054a)

⚠ WARNING

The rider's safety depends upon the correct installation of this kit. Dealer installation is required for vehicles equipped with ABS brakes. Proper installation of this kit requires the use of special tools available only through a Harley-Davidson Dealer. An improperly serviced brake system can adversely affect brake performance, which could result in death or serious injury. (00578b)

⚠ WARNING

When any hydraulic brake component, line or connection is loosened or replaced on an ABS motorcycle, Digital Technician II must be used during the brake bleeding procedure to verify all air is removed from the system. Failure to properly bleed the brake system could adversely affect braking, which could result in death or serious injury. (00585c)

Kit Contents

See Figure 1 and Table 1.

PREPARATION

⚠ WARNING

To prevent accidental vehicle start-up, which could cause death or serious injury, remove main fuse before proceeding. (00251b)

NOTE

- **WITH security siren:** With security fob present, turn ignition switch ON. See the service manual. After system is disarmed, turn ignition switch OFF. **IMMEDIATELY** remove the main fuse.
- **WITHOUT security siren:** See the service manual. Remove the main fuse.

INSTALLATION

⚠ WARNING

Contact with DOT 4 brake fluid can have serious health effects. Failure to wear proper skin and eye protection could result in death or serious injury.

- If inhaled: Keep calm, remove to fresh air, seek medical attention.
- If on skin: Remove contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. If irritation develops, seek medical attention.
- If in eyes: Wash affected eyes for at least 15 minutes under running water with eye lids held open. If irritation develops, seek medical attention.
- If swallowed: Rinse mouth and then drink plenty of water. Do not induce vomiting. Contact Poison Control. Immediate medical attention required.
- See Safety Data Sheet (SDS) for more details available at sds.harley-davidson.com

(00240e)



NOTICE

DOT 4 brake fluid will damage painted and body panel surfaces it comes in contact with. Always use caution and protect surfaces from spills whenever brake work is performed. Failure to comply can result in cosmetic damage. (00239c)

NOTE

If DOT 4 brake fluid contacts painted surfaces, IMMEDIATELY flush area with clear water.

Cover nearby motorcycle surfaces to protect against damage to the finish caused by spillage or splash of DOT 4 brake fluid.

⚠ WARNING

Replace brake line gaskets. Re-using original gaskets can cause brake failure and loss of vehicle control, which could result in death or serious injury. (00318a)

NOTICE

Remove brake line components carefully. Damage to seating surfaces can cause leakage. (00320a)

1. See the service manual. Remove the OE front brake caliper.
2. Install the **new** front brake caliper per service manual instructions.

3. See the service manual. Remove the OE rear brake caliper.
4. Install the **new** rear brake caliper per service manual instructions.

COMPLETION

NOTE

*Verify that the ignition key switch is in the OFF position **before** installing the main fuse.*

1. See the service manual. Install the main fuse.

⚠ WARNING

After servicing brakes and before moving motorcycle, pump brakes to build brake system pressure. Insufficient pressure can adversely affect brake performance, which could result in death or serious injury. (00279a)

⚠ WARNING

After repairing the brake system, test brakes at low speed. If brakes are not operating properly, testing at high speeds can cause loss of control, which could result in death or serious injury. (00289a)

SERVICE PARTS

is07970

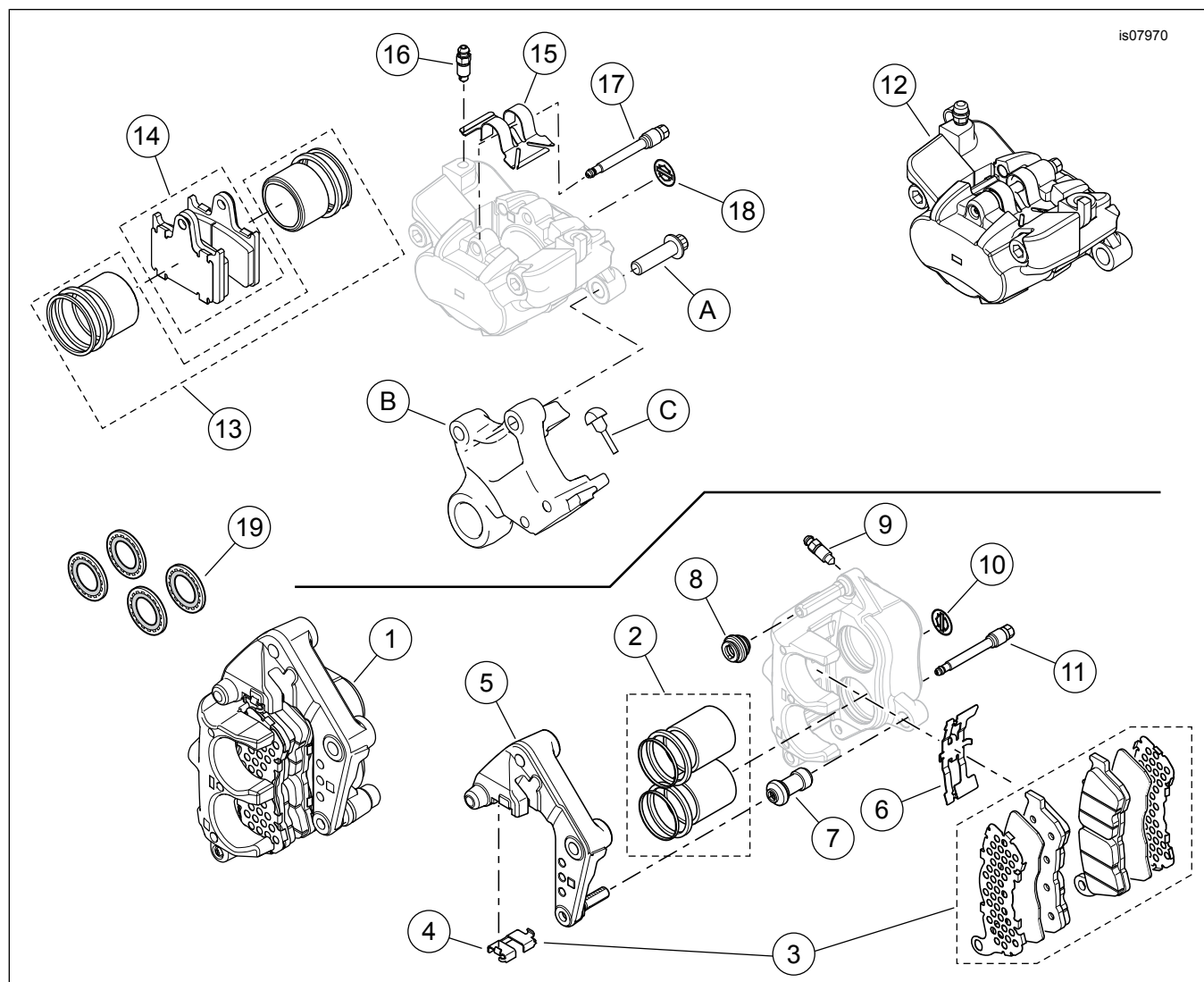


Figure 1. Service Parts, Brake Caliper Kit

Table 1. Service Parts

Item	Description (Quantity)	Part Number
1	Brake caliper assembly, front (Red) (includes Items 2-11)	41300135
2	• Piston kit, front brake	41300006
3	• Pad kit, front brake (includes Item 4)	41300004
4	• ... Clip, retainer	Not sold separately
5	• Caliper bracket (Red)	41300140
6	• Spring, front brake pad retainer	41300005
7	• Boot, caliper bushing	42823-04
8	• Boot, caliper pin	42824-04
9	• Bleeder screw	42827-04
10	• Medallion, Bar & Shield logo	14100381
11	• Pin, caliper pad	41300009
12	Brake caliper assembly, rear (Red) (includes Items 13-18)	41300136
13	• Piston kit, rear brake	41300054
14	• Pad kit, rear brake (includes two pads and two shims)	41300053
15	• Spring, rear brake pad	41300055

Table 1. Service Parts

Item	Description (Quantity)	Part Number
16	• Bleeder screw	42827-04
17	• Pin, caliper pad	41300009
18	• Medallion, Bar & Shield logo	14100381
19	Sealing gasket (4)	41756-08
Items mentioned in text, but not included in kit:		
A	Bolt, lower caliper mount (2) (Part No. 44160-00)	
B	Bracket, rear brake caliper (Part No. 41300049. Includes Item C)	
C	• Damper (Part No. 42840-04)	