



# INSTRUCTIONS

-J03091

2007-03-12

## FLOATING BRAKE ROTOR (DISC) KITS

### GENERAL

#### Kit Numbers

42155-07, 42156-07, 42158-07, 44700-03, 44703-03, 44706-03, 44709-03

#### Models

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

#### Additional Parts Required

Separate purchase and installation of additional parts or accessories may be required for proper installation of this kit on your model motorcycle. Please see the P&A Retail Catalog or the Parts and Accessories section of [www.harley-davidson.com](http://www.harley-davidson.com) (English only) for a list of required parts or accessories for your model.

#### ▲ 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.*

#### ▲ 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)**

#### Kit Contents

See Figure 1 and Table 1.

### INSTALLATION

#### Preparation for Service

Models WITH maxi-fuse:

#### ▲ WARNING

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

1. Refer to the Service Manual and follow the instructions given to remove the maxi-fuse.

Models WITHOUT maxi-fuse:

#### ▲ WARNING

**To prevent accidental vehicle start-up, which could cause death or serious injury, disconnect negative (-) battery cable before proceeding. (00048a)**

1. Refer to the Service Manual and follow the instructions given to remove the seat and disconnect the negative (black) battery cable from the negative (-) battery terminal. Retain all seat mounting hardware.

#### NOTE

*For 2004 and later XL (Sportster®) models, the negative battery cable is most easily disconnected **at the engine crankcase.***

#### Removal and Disassembly

1. Refer to FRONT WHEEL: REMOVAL or REAR WHEEL: REMOVAL in the Service Manual, and follow the instructions to remove the wheel from the motorcycle. Use a TORX® drive head to remove the screws retaining the currently installed brake disc to the wheel. The brake disc and screws can be discarded.
2. Inspect the wheel bearings per the PRELIMINARY INSPECTION instructions in the appropriate WHEEL section. Follow the DISASSEMBLY and CLEANING AND INSPECTION instructions as necessary to properly service the wheel.

#### Reassembly and Installation

#### NOTICE

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

1. Refer to WHEEL: ASSEMBLY in the Service Manual, and follow the instructions to install the **new** brake disc to the wheel, using the **new** TORX screws from the kit. Complete the ASSEMBLY instructions as necessary to service the wheel.
2. Refer to WHEEL: INSTALLATION in the Service Manual, and follow the instructions to re-install the wheel to the motorcycle.

#### Return to Service

1. Verify that the Ignition/Light Key Switch is turned to the OFF position.

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Many Harley-Davidson® Parts & Accessories are made of plastics and metals which can be recycled. Please dispose of materials responsibly.

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2. **Models WITH maxi-fuse:** Refer to the Service Manual and follow the instructions given to re-install the maxi-fuse. **Models WITHOUT maxi-fuse:** Apply a light coat of petroleum jelly or corrosion retardant material to the negative battery terminal. Refer to the Service Manual and follow the instructions given to re-attach the negative battery cable.

3. Turn the Ignition/Light Key Switch to the ON position.

4. Pump the brake lever to verify operation of the brake lamp.

**▲ 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)**

5. Test ride the motorcycle to verify the brakes are operating properly.

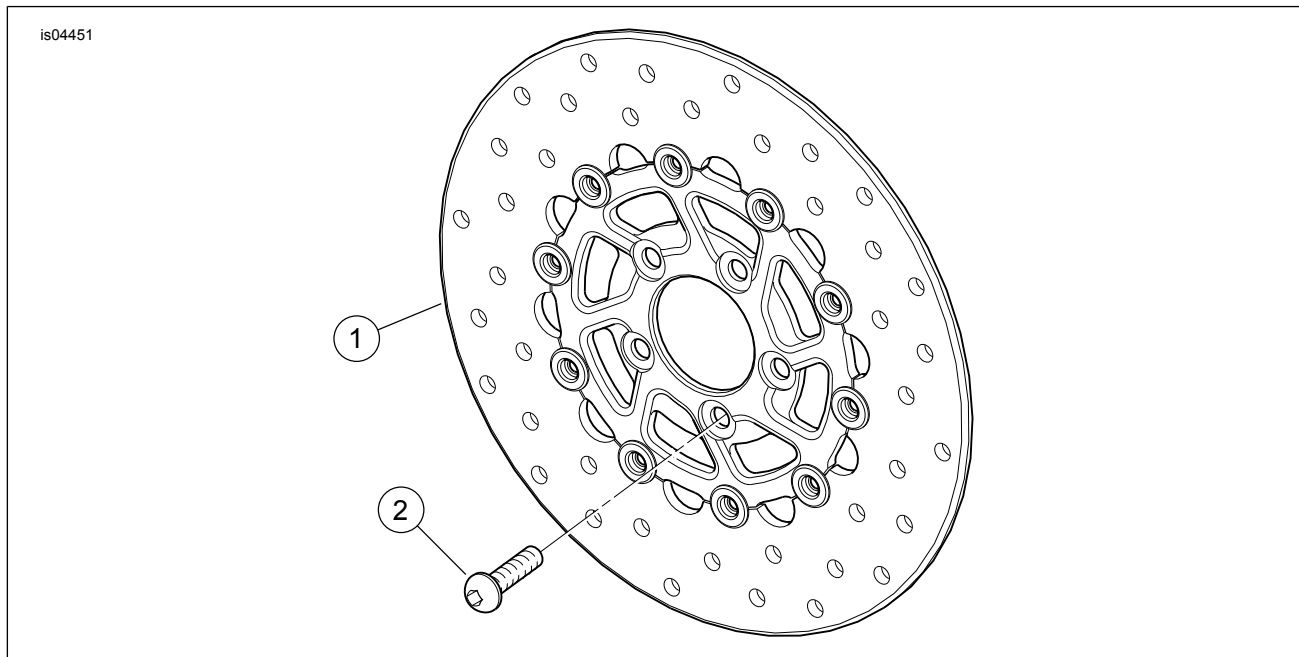
**NOTE**

*If possible, avoid hard stops for the first 300 miles (483 km). Hard stops during the wear-in period will gall the brake discs.*

**▲ 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)**

**SERVICE PARTS**



**Figure 1. Service Parts, Floating Brake Rotor (Disc) Kits**

**Table 1. Service Parts Table**

<b>Kit</b>	<b>Item</b>	<b>Description (Quantity)</b>	<b>Part Number</b>
Front Brake Rotor Kit 42155-07, "Blade" (left) 42156-07, "Blade" (right) 44700-03, "Road Winder™" (left) 44703-03, "Road Winder" (right)	1	Brake rotor, front	Not sold separately
	2	Screw, pan head, T-40 TORX®, 5/16-18 x 7/8 in. long, with lock patch (5)	3655A
Rear Brake Rotor Kit 42158-07, "Blade" 44706-03, "Road Winder" (right) 44709-03, "Road Winder" (left)	1	Brake rotor, rear	Not sold separately
	2	Screw, pan head, T-45 TORX, 3/8-16 x one in. long, with lock patch (5)	43567-92