



INSTRUCTIONS

-J02640

REV. 07-17-2002

Kit Number 46546-03

FORK SLIDER KIT (BLACK)

General

This Black Fork Slider Kit fits all 2000 and later Touring model motorcycles. It is a direct replacement for the standard equipment fork sliders.

The black fork sliders included in this kit install in the same manner as the original equipment parts.

This kit contains the following items (see Figure 1):

ITEM	DESCRIPTION & QTY.	PART NO.
8	Fork Slider, Right (Black) (including studs, item 12)	46552-03
9	Fork Slider, Left (Black)	46551-03
10	Drain Screw, with Washer (2)	45858-77
13	Axle Holder (Black)	46550-03
14	Flat Washer, 5/16" (2)	6702
15	Lock Washer, 5/16" (2)	7041
16	Hex Nut, 5/16"-18 (2)	7748W

The following items are not included in this kit, but may also be needed to complete the installation (see Figure 1). These items should be replaced if found to be worn or damaged, and are available from your Harley-Davidson dealer. See the official Harley-Davidson Parts Catalog for your year and model motorcycle to obtain the correct part numbers:

ITEM	DESCRIPTION	QUANTITY
1	Rubber Washer (Quad Ring Seal)	2
3	"O"-Ring, Fork Tube Plug	2
4	Wear Ring, Damper Tube	(2, w/o fairing) (1, w/ fairing)
5	Fork Oil Seal	2
6	Slider Bushing	2
7	Fork Leg Bushing	2
11	Screw (8 mm, with Copper Washer)	2
---	Harley-Davidson TYPE "E" FORK OIL, (Part No. 99884-80)	16 oz.
---	Harley-Davidson Service Manual for your model and year motorcycle	

WARNING

A Service Manual is required to install this kit. The rider's safety depends upon the correct installation of this kit. Special tools are required for installation of this kit. If the procedure is not within your capabilities or you do not have the correct tools, have your Harley-Davidson dealer perform the installation. Improper installation of this kit could result in death or serious injury.

Special Tools Required

- Air impact wrench
- Torque wrench
- Fork spring compressing tool
- Damper rod extension tool
- Fork Tube Holder HD-41177
- Front Fork Oil Level Gauge HD-59000A
- Fork Oil Seal Installer Tool HD-34634 (large dia.)

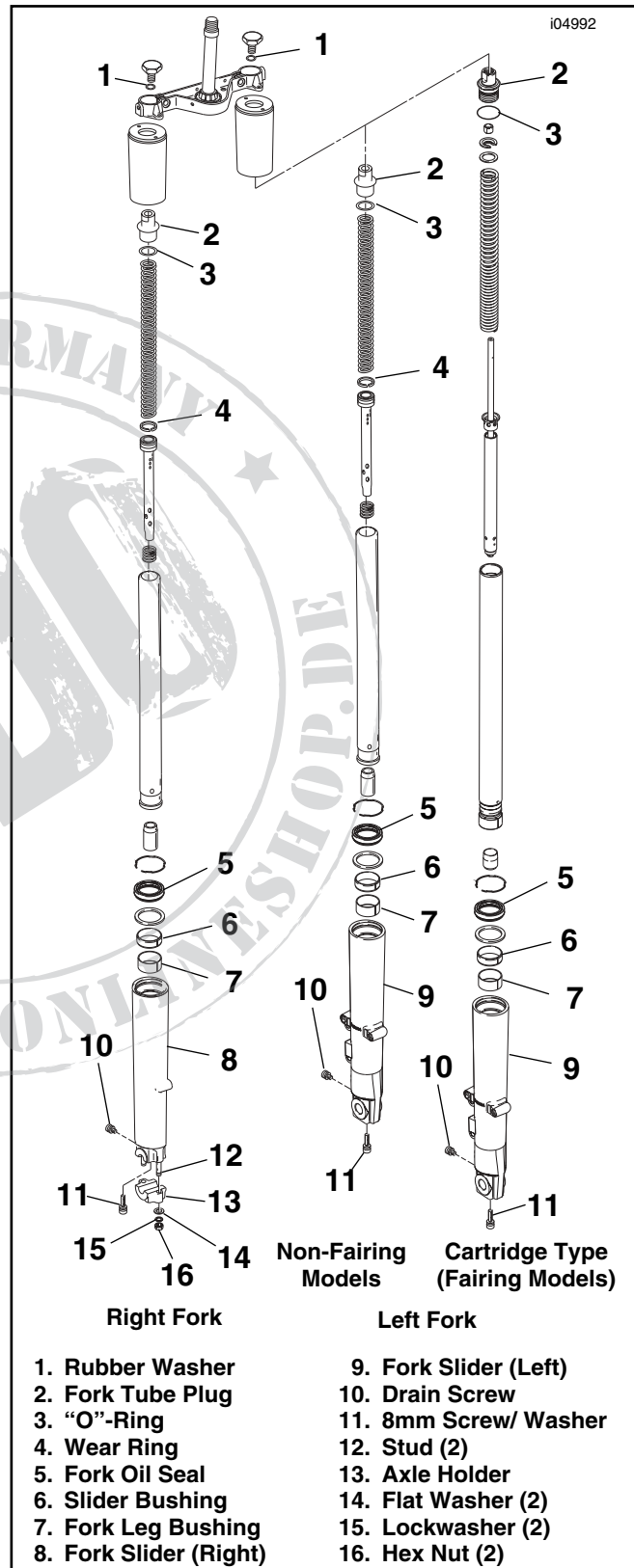


Figure 1. Front Fork Assemblies

Installation

CAUTION

Prior to installation of this kit, check the bore of the new black sliders to be certain they are free of dirt and debris or damage to the new sliders may occur.

1. Support the motorcycle so the front end is off the floor and the forks are fully extended.
2. Remove the front fender, front brake calipers, and front wheel according to instructions found in the Chassis section of the appropriate Service Manual.

NOTE

On some models other parts will also need to be removed to access the front forks. See the Service Manual.

3. On models so equipped, bleed the air-adjustable suspension according to the instructions found in the appropriate Service Manual.
4. Drain and remove the front forks. See the Chassis section of the Service Manual.
5. Disassemble the front fork tubes according to instructions in the Service Manual, and replace the original fork sliders with the black sliders from the kit.

6. Assemble the front fork tubes, replacing the seals, bushings and other additional items as needed with new parts listed earlier.

CAUTION

Do not use an impact wrench to tighten the drain screws. Use of an impact wrench may damage the screws.

7. Tighten the drain screws to 52-78 **in-lbs** (5.8-8.8 Nm).
8. Fill with TYPE E FORK OIL according to the instructions found in the Service Manual.
9. Install the front fork and any parts that were removed to access the front forks. Install the front fender, wheel, and calipers according to instructions found in the Chassis section of the Service Manual.
10. On models so equipped, refill the air-adjustable suspension system after assembly according to the Service Manual instructions.
11. Test ride vehicle to ensure proper fork travel and rebound.

