



INSTRUCTIONS

-J02586

REV. 04-09-2003

Kit Number 59013-02

FAT BOY® FRONT FENDER ADAPTER KIT FOR TOURING MODELS

General

This kit is designed to enable installation of a Fat Boy® Front Fender on 2000 and later Touring model motorcycles **except** FLHTCUI and other models with fairing lowers installed.

NOTE

The FLSTF (Fat Boy) front fender is not included in this kit, and a model year 2000 or later fender must be purchased separately. Both prime coated and finish painted versions are available. See your Harley-Davidson Dealer for further information.

If the fender to be installed is finished with a prime coat, have the fender painted before installation.

See the Service Parts illustration for kit contents.

⚠ WARNING

Federal Motor Vehicle Safety Standard (FMVSS) 108 requires all motorcycles to be equipped with side reflectors. Visibility is a major concern for motorcyclists. Failure to have side reflectors properly installed could result in death or serious injury.

FLHTC/I models have reflectors mounted on the sides of the original front fender, and will need new reflectors mounted to the front forks. H-D part numbers 59481-00 (Right side reflector) and 59482-00 (Left side reflector) are available separately from your Harley-Davidson dealer.

⚠ WARNING

A Service Manual is necessary for installation of this kit. The rider's safety depends upon the correct installation of this kit.

It may appear that you can simply remove the old fender and install the brackets and new fender, but this is not the case. The front wheel must be removed to access the lockplates securing the existing fender to the fork tubes, and to provide room for mounting the new fender without scratching or damage.

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.

NOTE

A Service Manual for your model motorcycle is available from your Harley-Davidson dealer.

Installation

Removing the Stock Fender

1. Remove the front wheel. Refer to FRONT FENDER, REMOVAL in the Service Manual.

FLHR/I or FLHT/C/I models with fender tip lamps: Refer to FRONT FENDER TIP LAMP, JUMPER HARNESS, REMOVAL in the Service Manual.

2. See Figure 1. Locate the lock plates (2) on the underside of the fender, and bend the corner tabs away from the front fender mounting bolts (1).

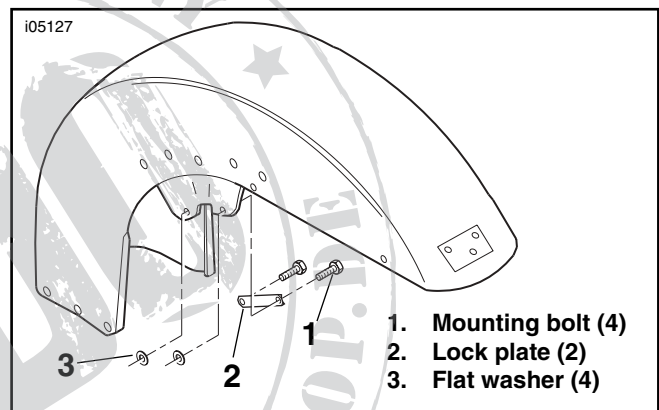


Figure 1. Touring Model Front Fender Removal

3. Remove the four front fender mounting bolts, lockplates and flat washers, and discard. Remove the fender.

Installing the New Fender

1. Obtain the new Fat Boy front fender. See the Service Parts illustration. Select a new adapter bracket (1), two bolts (2) and two flange nuts (3) from the kit.

Position the adapter bracket to the outside of the fender so that the wider portion is toward the top and the dipped, smooth faced section faces outward. Line up the upper, counterbored holes in the adapter bracket with the mounting holes in the side of the fender.

2. Insert the bolts through the holes in the adapter and fender. Thread the flange nuts onto the bolts from the underside. Tighten, but leave the hardware loose enough to allow fender adjustment later in the installation.

Repeat for the opposite side.

NOTE

It may be necessary to slightly compress the fender at the adapter brackets to ease installation.

3. Carefully center the fender and adapter bracket assembly between the front fork slider tubes and gently bring the assembly upward until the holes in the bracket align with the holes in the fork tubes.
4. Obtain two bolts from the kit. Apply Loctite® 243 (blue) to the bolt threads, and secure one side of the fender to the fork tube. Tighten the bolts, but leave the hardware loose enough to allow fender adjustment later in the installation.
5. Line up the mounting holes on the other side of the fender and install the bolts in the same manner.
6. Standing in front of the bike, determine if the fender is centered between the fork tubes.

When the fender appears to be properly centered, and the space between the adapter bracket and fork tube on each side appears to be even, tighten all hardware to 16-20 ft-lbs (22-27 Nm).

7. Install the front wheel. Refer to FRONT FENDER, INSTALLATION in the Service Manual

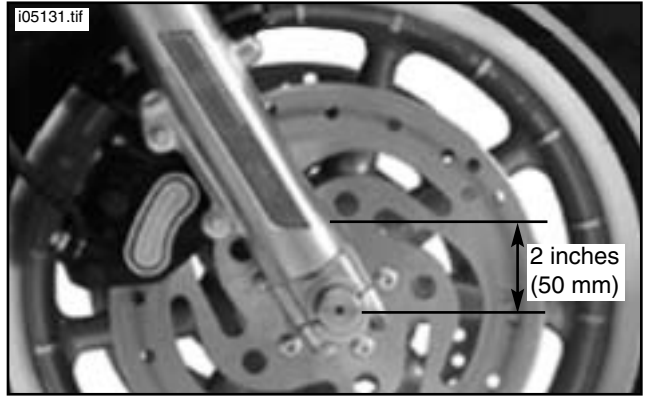


Figure 2. Reflector Placement

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8. **FLHTC/I models:** See Figure 2. Remove the adhesive backing and install a reflector (H-D Part Number 59481-00) on the right side fork slider as shown. The bottom of the reflector should be two inches (50 mm) above the center of the axle. Press the reflector firmly in place to activate the adhesive.

Repeat on the left side with reflector Part Number 59482-00.

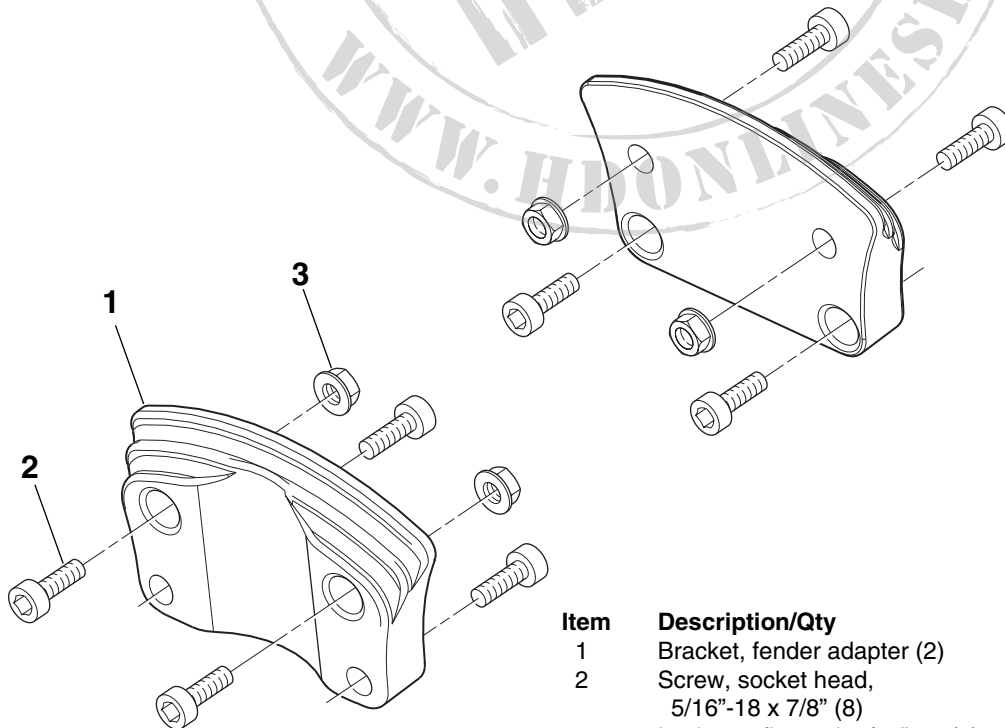


Service Parts

Part Number 59013-02 | Date 04/03

Fat Boy Fender Adapter Kit

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Item	Description/Qty	Part Number
1	Bracket, fender adapter (2)	Not sold separately
2	Screw, socket head, 5/16"-18 x 7/8" (8)	94333-91T
3	Lock nut, flanged, 5/16"-18 (4)	7531