

**V-Twin Mfg.**  
**Side Plate Docking Hardware Kit**  
**VT Part No. 50-1610**

**This is a custom application and rider safety depends on proper installation. This product should only be installed by a knowledgeable and trained motorcycle technician. V-Twin Mfg. accepts no responsibility for improper installation.**

This kit is designed for installation on all 2000-2002 FLSTF, FXST, FXSTB, and FXSTS. This kit can be used with Detachable Sissy bar Side plates, or Detachable Tour Pak Rack.

**Note:** 2000-2001 models require turn signal relocation kit VT 31-1565 to be installed before this kit. 2002 models require turn signal relocation kit VT 31-1566 to be installed before this kit. Relocation kit VT 31-9986 does not work with this kit.

**Note:** 2000-2002 models equipped with a softail wide tire kit will utilize the appropriate hardware and instructions found in that kit to re-orient the fasteners to come from the inside of the fender out as follows:

FL Softail Wide Tire Hardware Kit Number 43761-00 Available through your local HD dealer.

FX Softail Wide Tire Hardware Kit Number 43763-00 Available through your local HD dealer.

**Installation Instructions:**

1. Install turn signal relocation kit, Part No. VT 31-1565 or VT 31-1566, if not done already.
2. Remove and discard the original Torx screws and nuts from the two fender support bracket docking point locations as shown.
3. Remove the 4 plastic bushings, labeled 01, from the set included in the kit (5). Discard the rest.

**Note:** Perform the following procedures on one side of the motorcycle at a time until instructed to go to the other side.

4. Place a bushing (5) into each of the two fender support bracket holes shown in the Service Parts Illustration. The beveled sides of the bushings face out from the fender.

**Warning:** Button head screws from wide tire kit must be installed from the inside out, with the button heads on the inside of the fender. Failure to do so could result in bolt contacting tire, which could result in death or serious injury.

5. **NOTE: FLSTF Models follow Step 5A, All other models follow Step 5B.**

**5A. FLSTF models:** You will need to install the front and rear docking points (1 and 2) as shown in Service Parts Illustration. For each docking point, place the countersunk side of the docking point so that it engages the bushing.

**Models with wide tire kit installed –** You will need to utilize the hardware and installation instructions included with that kit to re-orient the fasteners to come from the inside of the fender out.

**Models without wide tire kit installed** Apply 1-2 drops of Blue Loctite on threads of bolts (4). Insert the bolt (4) through the docking point and into the fender, then install the washer (3) and locknut (6) on the inside of the fender. Torque the bolts (4) to 27 ft-lbs.

**Note:** On the FLSTF secure rear most screws with 3/8 in. ID washers (Item 3) and 3/8-16 locknuts (Item 6).

**Warning:** Button head screws from wide tire kit must be installed from the inside out, with the button heads on the inside of the fender. Failure to do so could result in bolt contacting tire, which could result in death or serious injury.

**5B. All other models:** install the front and rear docking points (1 and 2) as shown. For each docking point, place the countersunk side of the docking point so that it engages the bushing.

**Models with wide tire kit installed** will utilize the hardware and installation instructions included with that kit to re-orient the fasteners to come from the inside of the fender out as shown in Figure 1.

**Models without wide tire kit installed** Apply 1-2 drops of Blue Loctite on threads of bolts (4). Insert the bolt (4) through the docking point and into the fender. In front location, install the washer (3) and locknut (6) on inside of the fender. In the rear location, only the washer (3) will be used. Place the washer (3) between the license plate bracket and fender. The bolt threads directly into the license plate bracket as shown. Torque the bolts (4) to 27 ft-lbs.

**Note:** On all models, except, FLSTF, the rear most screws will engage threads in the license plate bracket. After 500 miles of on road use with the docking hardware installed, it is necessary to check the torque on the mounting bolts. Check to make sure the torque is still 27 ft-lbs. Re-tighten bolts if necessary.

**Warning: Failure to check and re-tighten the mounting bolts to 27 ft-lbs after 500 miles of on road use could result in severe damage to the detachable rack or detachable sissy bar side plates.**

**Warning: Federal Motor Vehicle Safety Standard (FMVSS) 108 requires all motorcycles to be equipped with side reflectors. The rear fender factory installed reflectors will have to be relocated to install detachable luggage racks or sissy bar side plates. This loss of visibility to other motorists could result in death or serious personal injury.**

6. Remove backing from adhesive on reflector (7) and attach the reflector to the forward part of the fender support bracket.
7. Repeat steps 4 through 6 for the other side of the motorcycle.

**Note:** In time docking points may wear, causing the mating luggage rack or side plates to become loose and rattle. The fit may be tightened using the following procedure.

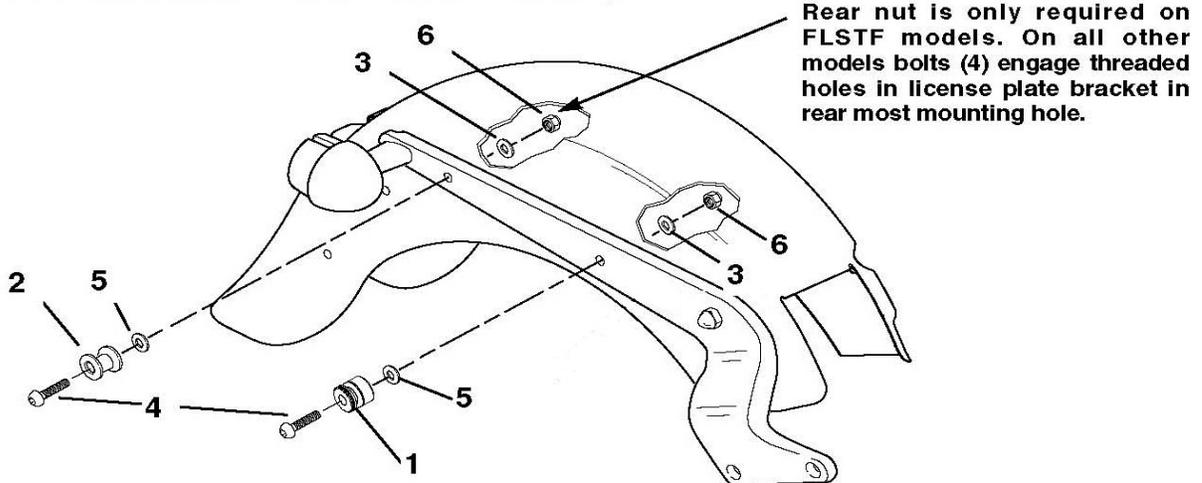
1. Loosen docking hardware

2. Rotate docking points clockwise approximately 45°.
3. Tighten docking hardware to the appropriate torque values.

Repeat as often as required, up to 3 times. After 3 times new docking points must be installed.

### Installation on FLSTF models

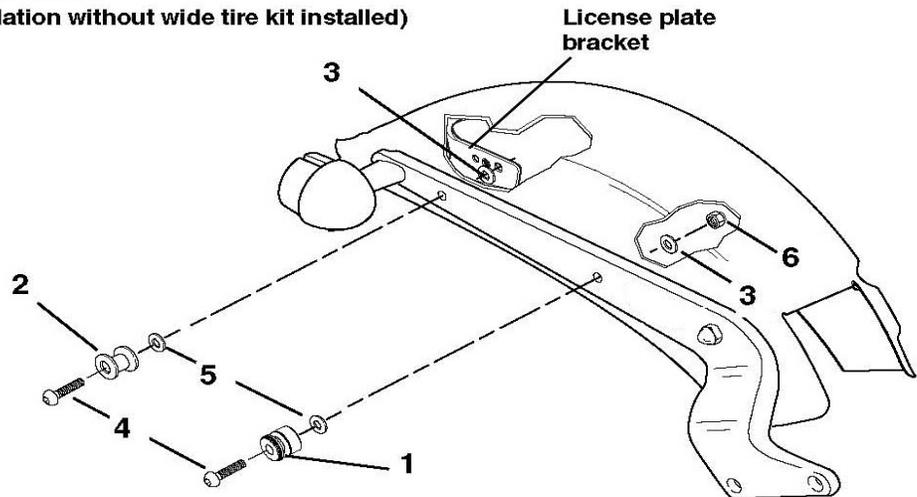
(Illustration shows installation without wide tire kit installed)



2000-2002 models with wide tire kit installed will utilize the hardware and instructions found in that kit to re-orient the fasteners to come from the inside of the fender out.

### Installation on FX models

(Illustration shows installation without wide tire kit installed)



2000-2002 models with wide tire kit installed will utilize the hardware and instructions found in that kit to re-orient the fasteners to come from the inside of the fender out.

Item	Description	Part. No.	Item	Description	Part. No.
1	Docking points, front (2)	OE 53683-96	4	Bolts, button head, 3/8-16 x 2-1/4 (4)	OE 4154
2	Docking points, rear (2)	OE 53684-96A	5	Bushing sets (2) with 2 docking points in each set	OE 53696-96
3	Washers, 3/8 x 13/16 x 1/16 (4)	VT 37-0696	6	Locknuts, hex, 3/8-16 x 7/16 x 9/16 (4)	OE 7667