

# SERVICE BULLETIN



M-916

January 31, 1986

## 1986 FXRD HEAT SHIELD AND PASSENGER FOOTBOARD MOUNTING STUD

### Heat Shield

#### GENERAL

Any 1986 FXRD manufactured with a Vehicle Identification Number of 1HD1EHL18GY122348, or later, have a heat shield installed at the underside of the left exhaust pipe.

FXRD motorcycles with a prior VIN were shipped without this heat shield and it will be necessary to install this shield on those vehicles. The kit, part number 65789-86, consisting of the new lower heat shield and two hose clamps, will be furnished for each subject vehicle sold or at your dealership.

Shipment of your total requirement will begin on January 27, 1986. The kits will be shipped no charge freight prepaid.

#### NOTE

*Any vehicle, within the above range requiring installation of the shield, shipped to your dealership after January 13, 1986 will have the shield packed in the motorcycle shipping carton and will not be included in the no charge shipments referenced above.*

#### INSTALLATION PROCEDURE (Figure 1)

1. Remove the left upper heat shield (1) from exhaust pipe.
2. Remove the rear hose clamp (4) from the shield, just removed, and insert the hose clamp through the bracket from the opposite side so that the worm drive is as shown.
3. Feed the rear hose clamp end, of the left upper shield (1), through the two rear brackets on left lower heat shield (2) so that both shields share a common clamp.

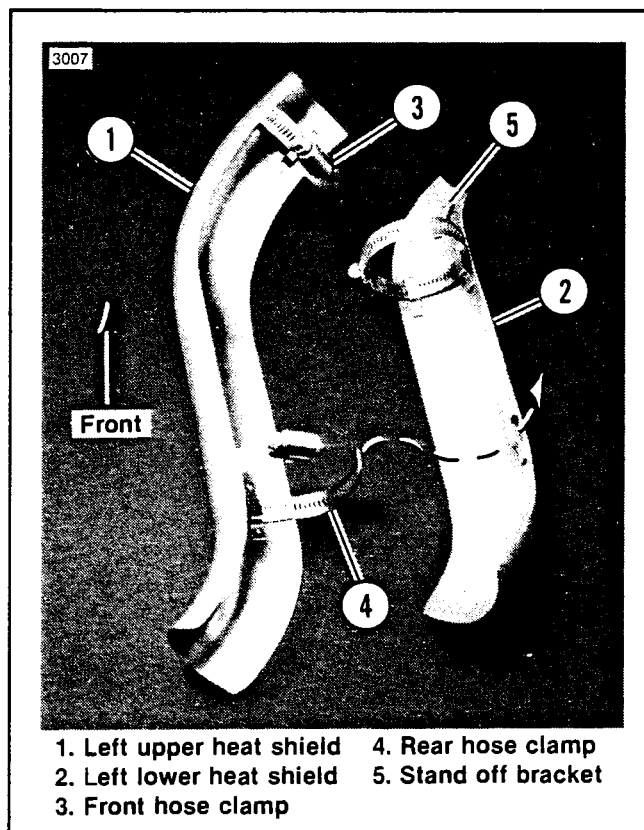


Figure 1. Heat Shield Mounting

#### NOTE

*The upper bracket (5) on the left lower shield is a stand off bracket and is not meant for retaining a hose clamp.*

4. Spread the clamps apart while working them over the exhaust pipe. Position shields with lower heat shield (2) at underside of exhaust pipe and the upper heat shield (1) at top.

ROUTING:	SERVICE MANAGER	SALES MANAGER	PARTS MANAGER	CHIEF MECHANIC	MECHANIC NO. 1	MECHANIC NO. 2	MECHANIC NO. 3	MECHANIC NO. 4	RETURN THIS TO:
INITIAL HERE									

5. Tighten clamps gradually while aligning the upper shield with the cross over shield. Position worm drive screws so that they can be tightened thoroughly with a socket driver. Tuck in free end of clamp straps so that they do not protrude.

## Footboard Mounting Stud (Figure 2)

### GENERAL

Since its introduction there have been two different style passenger footboards installed on FXRD production vehicles. Footboard (1) was the earlier, of the two footboards, followed by footboard (2). Footboard (2) has a longer mounting stud for increased clearance between the left footboard and the exhaust system. Footboard (1) does not require the longer stud. Some of the FXRD vehicles that require the heat shield installation, were also built and shipped with a left footboard (2) equipped with the shorter stud. The left footboard, on these vehicles, must be removed and the shorter stud replaced with a longer stud. This operation should be performed while installing the heat shield.

You will be shipped your total requirement of these studs, no charge freight prepaid, along with your shipment of heat shields.

### FOOTBOARD AND STUD REMOVAL

1. Remove nut (4).
2. Pull stud (3) outward with exhaust support far enough to allow key (6) to fall free.
3. Once key is free the stud can be pulled through exhaust support bracket and out of frame.
4. Remove footboard (2).

### FOOTBOARD AND STUD INSTALLATION

1. Insert replacement stud part no. 50962-86 through exhaust support. Pull exhaust support outward just far enough to install spacer (7) and key (6) be-

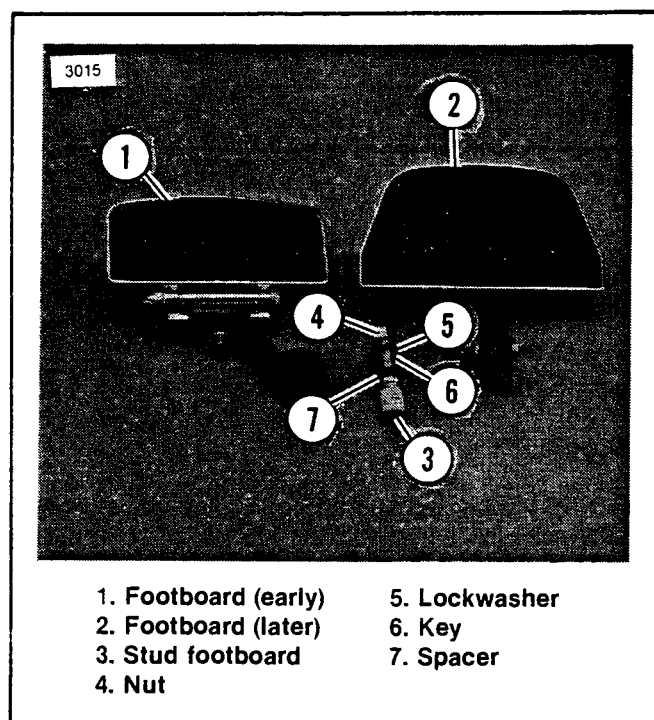


Figure 2. Passenger Footboard Mounting

tween exhaust support and frame. Use needle nose pliers to insert key in keyway as space is limited.

2. Align key with keyway and insert stud through frame.
3. Place lockwasher (5) over end of stud (3) and thread on nut (4).
4. Tighten nut (4) to a torque of 78 ft-lbs.
5. Install footboard (2).

Upon completion of the shield installation submit a properly completed warranty claim form using labor code 2668. You will be credited 0.2 hours. If the vehicle requires installation of the longer stud in addition to the shield, use job code 2669. You will receive 0.3 hours labor for installing the stud along with the heat shields.