

SERVICE BULLETIN



M-1143

November 11, 2003

2004 SPORTSTER OIL TANK VENT HOSE ROUTING PRODUCT PROGRAM NO. PP9

Purpose

Harley-Davidson has identified an issue with the oil tank vent hose on certain Sportster motorcycles. In the interest of customer satisfaction, we are offering to inspect and if necessary correct the condition.

Some oil tank vent hoses may have been incorrectly routed during assembly. This may result in a pinched hose which does not allow adequate venting of the oil tank.

Motorcycles Involved

All 2004 Sportster models built before 09/18/2003 which are identified by the attached VIN list.

Customer Notification

Harley-Davidson will send letters to registered owners notifying them of this condition and instructing them to contact their dealer for repair.

A copy of the letter is attached.

Required Dealer Action

Inspect and correct oil tank vent hose routing at predelivery inspection on new vehicles delivered to your dealership. Inspect all vehicles delivered to registered owners. Correct if necessary as described below.

See Figure 1. If oil tank vent hose is routed correctly (i.e., just above return hose and even with bottom of oil tank), no further action is required.

See Figure 2. If oil tank vent hose is routed high (i.e., up behind oil tank), it must be repositioned as follows:

NOTE

Refer to the oil tank removal and installation procedures in the Sportster Models Service Manual for the following procedure.

1. Remove left side cover, maxi-fuse, seat and ignition control module (ICM).
2. Remove filler cap/dipstick, right side cover and rear belt guard.
3. Remove fasteners securing oil tank to frame. Shift oil tank toward the right side of the vehicle to gain access to the oil tank vent hose.

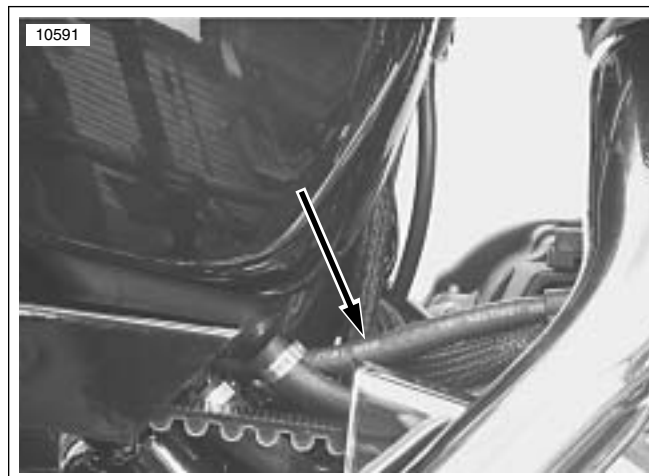


Figure 1. Correct Oil Tank Vent Hose Routing

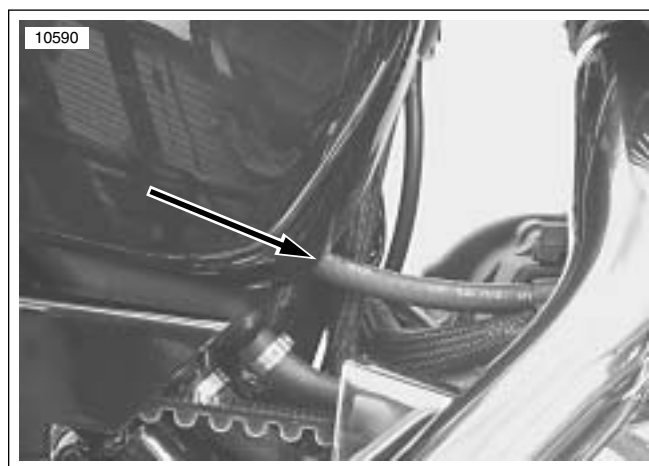


Figure 2. Incorrect Oil Tank Vent Hose Routing

IMPORTANT NOTE

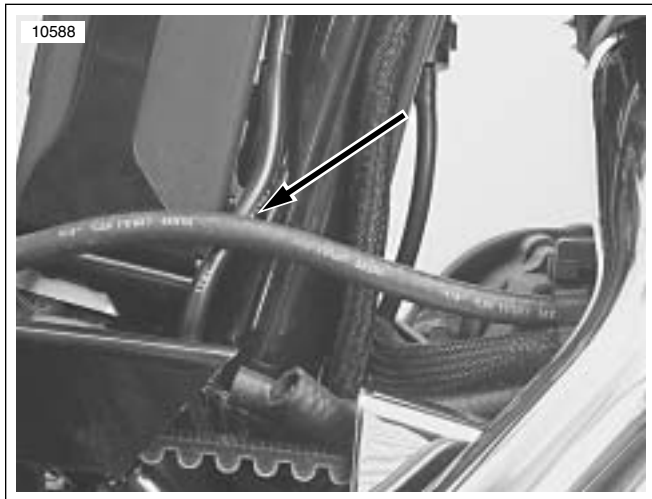
In the interest of preserving customer safety and satisfaction, always check for outstanding recalls whenever any motorcycle is brought into your dealership for either maintenance or service.

| ROUTING | SERVICE MANAGER | SALES MANAGER | PARTS MANAGER | LEAD TECHNICIAN | TECHNICIAN NO.1 | TECHNICIAN NO. 2 | TECHNICIAN NO. 3 | TECHNICIAN NO. 4 | RETURN THIS TO |
|--------------|--------------------|------------------|------------------|--------------------|--------------------|---------------------|---------------------|---------------------|-------------------|
| INITIAL HERE | | | | | | | | | |

©2003 HARLEY-DAVIDSON MOTOR COMPANY

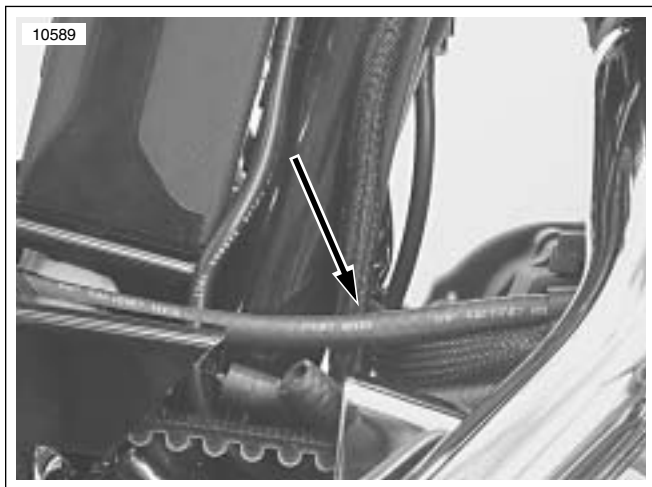
NOTE

See Figure 3. This figure shows the area where the oil tank vent hose may be pinched between the oil tank and the negative battery cable and battery tray.



**Figure 3. Oil Tank Vent Hose Pinch Point
(Oil Tank Removed for Clarity)**

4. See Figure 4. Reroute oil tank vent hose down so that it is even with bottom of oil tank.



**Figure 4. Correct Oil Tank Vent Hose Routing
(Oil Tank Removed for Clarity)**

NOTE

When reassembling vehicle, tighten all fasteners to the proper torque. See the Sportster Models Service Manual for correct fastener torque specifications.

5. Reposition oil tank and reinstall fasteners.
6. Install rear belt guard, right side cover and filler cap/dispatch stick.
7. Install ICM, seat, maxi-fuse and left side cover.

Credit Procedure

Complete a regular warranty claim referencing Service Bulletin M-1143. Fill in the rest of the claim as follows:

Table 1. Warranty Claim Entries

| Claim Type | PP9 |
|--|-----------------------|
| Event 1, Problem Part No., Qty., Description | 0-63500-68, bulk hose |
| Customer Concern Code | 9203 |
| Condition Code | 3110 |
| Primary Labor Code | 2587 |
| Time Allowed | 0.5 |

Upon receipt and processing of the properly completed claim, you will be credited the appropriate amount for labor.