

SERVICE BULLETIN



M-1085

Safety Recall Code 098

August 4, 1999

FUEL TANK VENT LINE CONNECTOR

General

As recently advised in ML-366, Harley-Davidson has learned that the fuel tank vent line connector (Part No. 61131-92) on certain model motorcycles may be plugged. In some cases, this can cause the carburetor to overflow fuel, a situation which can result in fire, possibly causing death or serious injury.

In the interest of motor vehicle safety and customer satisfaction, Harley-Davidson has elected to initiate a voluntary recall campaign. This recall applies to all non-California Dyna, FXR and Softail models built between April 27, 1999, and June 16, 1999.

The recall service involves opening the channel in the fuel tank vent line connector on all potentially affected vehicles. During manufacture of the connector, plastic flashing may have formed to close the channel. While the channel may be obstructed on only 8 percent of all potentially affected vehicles, the recall service must be performed on all vehicles to ensure that the condition does not exist.

Dealer Action, Affected Vehicles

Attached please find a complete list of all vehicles shipped to your dealership which are involved in this recall campaign. To ensure the safety of our riders, it is your responsibility to perform the required service on all affected vehicles, even if the motorcycle was not purchased from your dealership. You also are required to perform the recall service on all affected vehicles in your dealership inventory, prior to selling or leasing those vehicles.

If you are not sure that a safety recall has been completed on a particular motorcycle, contact the Harley-Davidson Recall Information Line at 1-800-448-1708 for a computer check of our recall records. Recall information is also available on TALON and h-dnet.com.

IMPORTANT NOTE

Because only registered owners as shown on the attached list will receive notification from us, we request that you contact any owners of vehicles still listed as unregistered. Advise them of the safety recall and make arrangements for them to come in for recall service. We also require that you provide us with their names, addresses and VIN's as soon as possible to enable us to mail them an owner's letter, as required by the National Traffic and Motor Vehicle Safety Act (as amended).

Preliminary Instructions

All Models

1. Obtain a large paper clip (approximately 0.060 inch in diameter) and proceed as follows:
 - a. Straighten the paper clip.
 - b. Using a side cutters, snip off each end at a 45° angle, so that a sharp point exists on both sides.
 - c. Bend the paper clip 1-3/4 inches from one end. See Figure 1.
2. Obtain a 1/16 inch drill bit. Apply masking tape to the bit as shown in Figure 1. The masking tape will prevent the bit from dropping into the swingarm tube on Softail models.
3. See FINAL INSTRUCTIONS below.

Final Instructions

Dyna Models

1. See PRELIMINARY INSTRUCTIONS on this page.

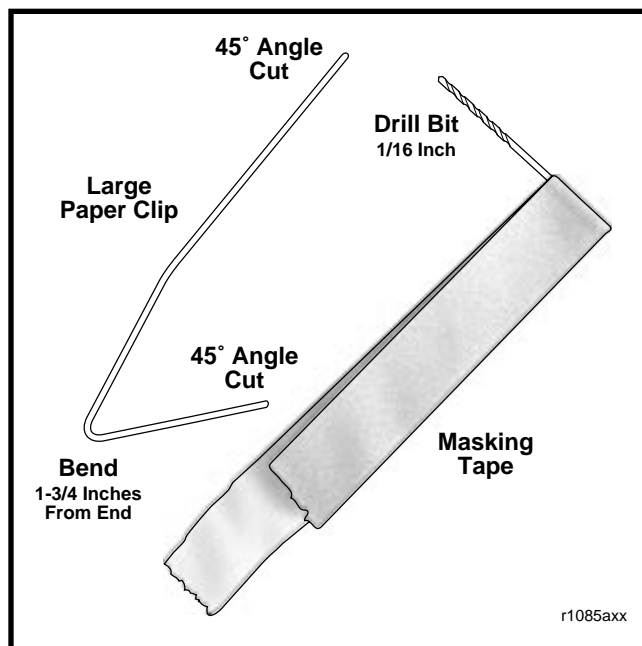
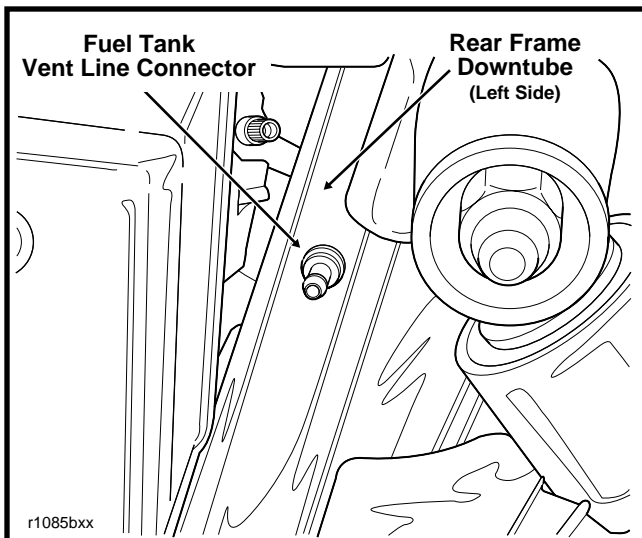
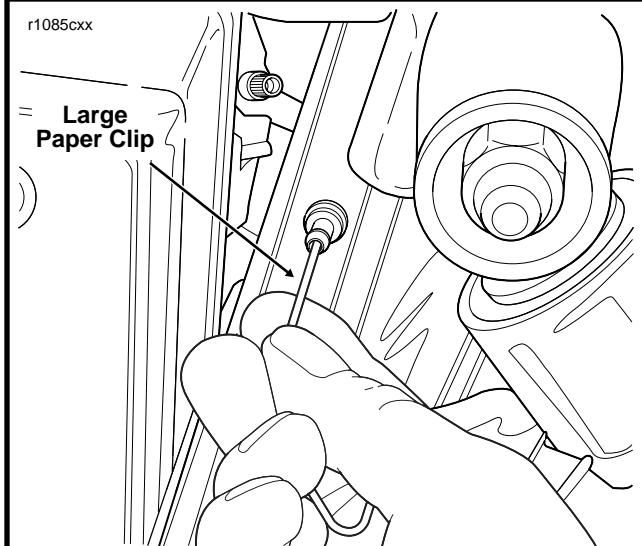


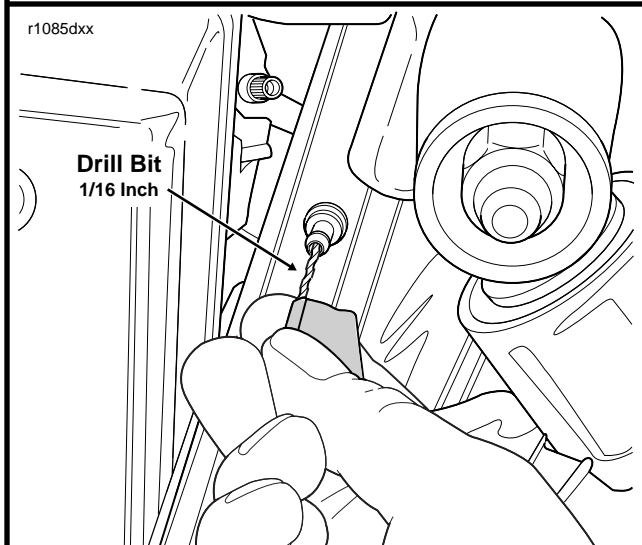
Figure 1. Obtain Large Paper Clip and Drill Bit



1. Locate Vent Line Connector and Remove Hose.



2. Punch Hole in Flashing Using Point of Paper Clip.



3. Ream Hole in Flashing Using 1/16 Inch Drill Bit.

Figure 2. Unplug Connector (Dyna Models Shown)

2. Standing on left side of vehicle, locate fuel tank vent line connector in rear frame downtube (directly above passenger foot peg).
3. Remove rubber elbow fitting from connector. See upper frame of Figure 2.
4. Insert **long** end of paper clip into the connector and push with enough force to punch a hole through the plastic flashing. Run the paper clip back and forth several times to enlarge the hole. See center frame of Figure 2.
5. Insert a 1/16 inch drill bit into the end of the connector and through the hole in the flashing. Run the drill bit back and forth as necessary to clear away the flashing and ensure that the channel is open. See lower frame of Figure 2.
6. Install rubber elbow fitting onto vent line connector.
7. See CREDIT PROCEDURE on page 3.

FXR Models

1. See PRELIMINARY INSTRUCTIONS on page 1.
2. Positioned on right side of vehicle, locate fuel tank vent line connector at rear of lower frame crossmember.
3. Remove hose from fuel tank vent line connector.
4. Insert **long** end of paper clip into the connector and push with enough force to punch a hole through the plastic flashing. Run the paper clip back and forth several times to enlarge the hole.
5. Insert a 1/16 inch drill bit into the end of the connector and through the hole in the flashing. Run the drill bit back and forth as necessary to clear away the flashing and ensure that the channel is open.
6. Install hose onto vent line connector .
7. See CREDIT PROCEDURE on page 3.

Softail Models

1. See PRELIMINARY INSTRUCTIONS on page 1.
2. Positioned on right side of vehicle, remove two bolts (with flat washers) to release bottom of rear fender extension from clip nuts on rear swingarm.
3. Push rear fender extension back until it contacts rear wheel and hold. Remove hose from fuel tank vent line connector at top of lower swingarm tube (rear of shock mount).
4. From the bottom of the motorcycle, reach up between rear fender extension and swingarm and hook **short** end of paper clip in connector. Push down on bend in paper clip to punch a hole through the plastic flashing. Run the paper clip up and down several times to enlarge the hole.

NOTE

To prevent the drill bit from dropping into the swingarm tube, be sure masking tape is installed as shown in Figure 1.

5. Insert a 1/16 inch drill bit into the end of the connector and through the hole in the flashing. Run the drill bit up and down as necessary to clear away the flashing and ensure that the channel is open.
6. Install hose onto vent line connector.
7. Install two bolts (with flat washers) to fasten bottom of rear fender extension to clip nuts on rear swingarm.
8. See CREDIT PROCEDURE on this page.

Credit Procedure

For each vehicle serviced, place the letter "C" in the letter box on the Dealer Service Card. Send the cards to Harley-Davidson Motor Company (P.O. Box 653, Milwaukee, WI 53201). Upon receipt and processing of the properly completed Dealer Service Cards, you will be credited the labor shown by model in the following table. All times include 0.1 hour for dealer administration time.

Model	Time
<u>DYNA</u> FXDL FXDWG FXDX FXD FXDS-CON	0.2 hr.
<u>FXR</u> FXR ² FXR ³	0.2 hrs.
<u>SOFTAIL</u> FXST FLSTS FLSTC FXSTB FXSTC FXS TS FLSTF	0.4 hrs.

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									

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