

SERVICE BULLETIN



M-1149

Safety Recall Code 0112

February 12, 2004

RECALL CODE 0112 - 2004 DYNA FUEL LINE REPLACEMENT

Purpose

Harley-Davidson has recently learned that a condition exists on certain 2004 model year Dyna Glide fuel-injected motorcycles. The rubber fuel hose has the potential to separate from the inner liner, causing a fuel leak which could result in a fire.

In the interest of motor vehicle safety and customer satisfaction, Harley-Davidson has elected to initiate a voluntary recall (Campaign 0112) to replace the affected fuel lines. See REQUIRED DEALER ACTION to perform the recall service.

Motorcycles Affected

This recall applies to 2004 fuel-injected Dyna models included on 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 fuel hose replacement.

To ensure rider safety, it is your responsibility to perform the required service on all affected vehicles even if the motorcycle was not purchased from your dealership. You will be required to perform the required 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, check the recall records available on TALON and h-dnet.com

IMPORTANT NOTE

Because only registered owners will receive notification from us, we request that you contact any owners of vehicles that your records show 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 VINs 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).

A shipment of Safety Recall Code 0112 kits, Part No. 94251, will contain approximately 50% of your total estimated kit requirements. Shipments will begin on or around February 16, 2004.

All kits will be shipped no charge, transportation paid. When additional kits are needed, fill in the attached order form and FAX it to the Warranty Department at 414-343-8346.

NOTE

Do not send in orders for additional kits until you have received your one and only initial factory wave shipments. Orders received before the initial shipment is complete will be discarded. Harley-Davidson Motor Company reserves the right to conduct wave shipments in lieu of processing individual orders and/or adjusting order quantities, depending on the availability of replacement parts and dealers' recall completion notes. To avoid an excess of unneeded kits in the field, please order responsibly.

Required Dealer Action

WARNING

Stop the engine when refueling or servicing the fuel system. Do not smoke or allow open flame or sparks near gasoline. Gasoline is extremely flammable and highly explosive, which could result in death or serious injury. (00002a)

WARNING

The gasoline in the fuel supply line downstream of the fuel pump is under high pressure (58 psi, 400 kPa). To avoid an uncontrolled discharge or spray of gasoline, always purge the system of high pressure gas before removing the fuel supply line from the fuel tank. Gasoline is extremely flammable and highly explosive. Inadequate safety precautions could result in death or serious injury.

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 | | | | | | | | | |

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Removal

1. Remove electrical caddy cover.
2. Purge the fuel supply line of high pressure gasoline.
 - a. See Figure 1. Disconnect the fuel pump fuse (1) from the main wiring harness.
 - b. Start the engine and allow the vehicle to run.
 - c. When the engine stalls, operate the starter for three (3) seconds to remove any remaining fuel from the fuel lines.

WARNING

To prevent accidental vehicle start-up, which could cause death or serious injury, remove Maxi-Fuse before proceeding. (00251a)

3. Remove Maxi-Fuse (2).

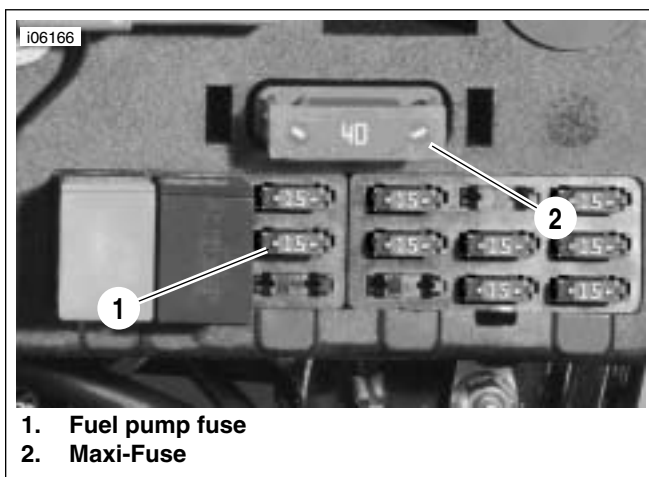


Figure 1. Fuel Pump Fuse and Maxi-Fuse

4. Remove seat. Refer to the DYNA MODELS SERVICE MANUAL for the correct procedure.
5. Loosen, but do not remove, the acorn nut on the front fuel tank mounting bolt.
6. Remove the rear fuel tank mounting acorn nut, bolt and flat washers.
7. Raise rear of fuel tank approximately 2.0 in. (51 mm). Support fuel tank in this position with a small block of wood or other suitable device. This will provide enough clearance to gain access to the fuel line fitting on the induction module.

WARNING

A small amount of gasoline may drain from the quick-connect fitting when the fuel supply line is removed. Thoroughly wipe up any spilt fuel immediately. Dispose of rags in a suitable manner. Gasoline is extremely flammable and highly explosive. Inadequate safety precautions could result in death or serious injury.

8. See Figure 2. Pull up on chrome sleeve of quick-connect fitting (1) and pull down on fuel supply line fitting (2) to disconnect.

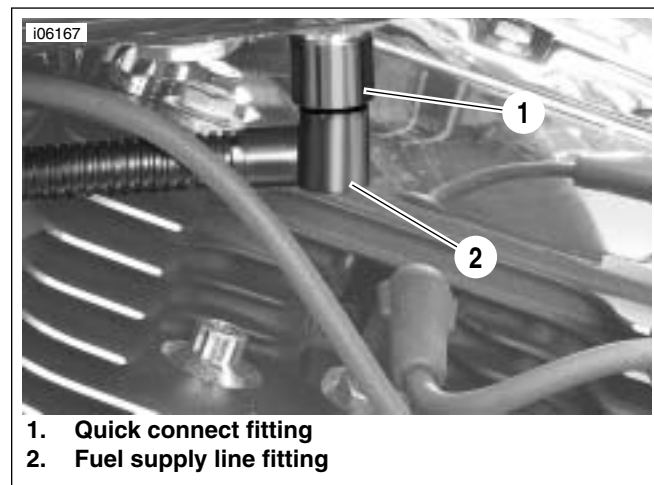


Figure 2. Fuel Supply Line Fitting - Fuel Tank

WARNING

A small amount of gasoline will drain from the fuel supply line when disconnected from the induction module. Thoroughly wipe up any spilt fuel immediately. Dispose of rags in a suitable manner. Gasoline is extremely flammable and highly explosive. Inadequate safety precautions could result in death or serious injury.

9. See Figure 3. Depress button (1) on fuel line fitting (2) and pull to release from fuel supply tube (3).

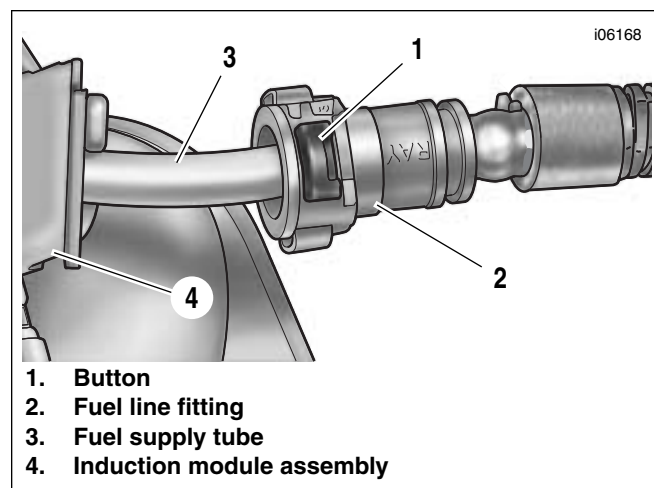


Figure 3. Fuel Supply Line Fitting - Induction Module

Installation

1. See Figure 3. Slide **new** fuel line onto fuel supply tube (3), until fuel line fitting (2) “clicks” in place. Gently tug on fuel line to verify that it is locked in place.
2. See Figure 2. Pull up on chrome sleeve of quick-connect fitting (1) on left side of tank and insert neck of fuel supply line fitting (2). While pushing up on bottom of fuel supply line fitting, pull down on chrome sleeve until it “clicks” into the locked position. Tug on fuel supply line to be sure that it will not come free.
3. Remove wood block supporting rear of fuel tank, and lower fuel tank into position on frame backbone.
4. Install rear fuel tank mounting bolt, flat washers and acorn nut. Tighten acorn nuts on both front and rear fuel tank mounting bolts to 15-20 ft-lbs (20.3-27.1 Nm).
5. See Figure 1. Install fuel pump fuse (1).
6. Install Maxi-Fuse (2) and electrical caddy cover.

WARNING

Do not start vehicle until fuel system has been inspected for leaks as described in the steps below. Gasoline is extremely flammable and highly explosive, which could result in death or serious injury.

7. Set RUN/STOP switch to RUN. Inspect fuel system for leaks as follows:
 - a. Turn ignition switch ON to pressurize fuel system.
 - b. Inspect for leaks around fuel line fittings.
 - c. Wait three to five seconds and turn ignition switch OFF.
8. Repeat previous step two to three times to ensure fuel system is completely pressurized and verify that there are no leaks around the fuel line fittings.

WARNING

After installing seat, pull upward on front of seat to be sure it is in locked position. While riding, a loose seat can shift, causing loss of control, which could result in death or serious injury. (00070a)

9. Install seat. Refer to the DYNA MODELS SERVICE MANUAL for the correct procedure.

Credit Procedure

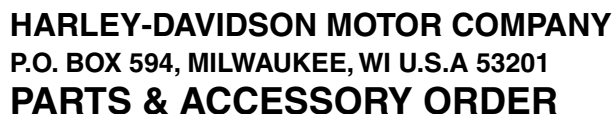
Complete a Dealer Service Card for each motorcycle serviced. Be sure card reflects safety recall code “0112” in the appropriate box. Place the letter “C” in the letter box.

Drain and package the original fuel hose along with the properly completed Dealer Service Card and send to: Harley-Davidson Motor Company, Warranty Return Dept., 3801 W. Juneau Ave., Milwaukee, WI 53208.

Upon receipt of the hose and the properly completed Dealer Service Card, you will be credited 0.5 hours of labor for performing the recall procedure, which includes 0.1 hour for dealer administration time. You will also be credited for return postage.

NOTE

The actual labor time for replacement of the fuel hose including dealer administration time is less than 0.5 hours. Because of the disruption to your service operation, and as a small incentive to help achieve a high percentage of recall completion, you will be paid 0.5 hours for performing the recall service.



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| TYPE CODE | ORDER TYPE | VEHICLE IDENTIFICATION NUMBER |
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| R | REGULAR | |
| P | POLICE | |
| D | DOWN VEHICLE | |
| W | WARRANTY | |
| RC | RECALL | |

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| DEALER ORDER | |
| ORDER DATE | |
| DEALER NO. | |
| ORDER TYPE | RC |
| WARRANTY CLAIM NO. | |

| FOR OFFICE USE ONLY | |
|---------------------|----------------|
| ACCT. | 1744112 |
| FRT. ACCT | 1744112 |

[illegible]

**PLEASE USE PART NUMBERS
DO NOT USE FOR
CORRESPONDENCE**

ALL ORDERS SUBJECT TO ACCEPTANCE AT MILWAUKEE, WI 53201

All goods covered by this order, including goods back-ordered, will be billed at prices current at the time of shipment. Goods are purchased for resale and delivery is made to purchaser F.O.B. factory, Milwaukee, Wisconsin or other point of origin. If accepted, this order as accepted shall be subject to availability of goods to seller for delivery to purchaser. Any delay in shipment shall not relieve purchaser of responsibility for his accepted order and seller shall not be liable for any loss or damage due to delay in shipment or failure to deliver. Any request for cancellation of this order or any part thereof must be received by seller prior to the date of shipment, and in case of reconsignment or return of goods to seller, purchaser shall pay the entire cost connected therewith, plus zero, ten or twenty-five percent of selling price, as determined by Company policy from time to time, as liquidated damages for loss of sale. Purchaser will be responsible for collection and payment of all Federal, State and local taxes that apply on the retail sales.

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CORRESPONDENCE**

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