

# SERVICE BULLETIN



M-1050

February 21, 1995

## FLT Ultra MODEL HEADSET SPEAKER NOISE

### General

Harley-Davidson has learned that the 7-place DIN cable used in production on a number of 1995 FLT Ultra model vehicles may have an improperly routed "drain" wire that results in static or "ticking" in the headset speakers.

If headset static is encountered on a 1995 FLTC-U, FLHTC-U or FLHTCU-I model manufactured and shipped from the York, Pennsylvania Assembly plant between November 17, 1994 and January 27, 1995 (**VIN numbers SY507383 to SY601652**), replace the DIN cable (Part No. 76292-95) as the first step in troubleshooting the problem. See DIN Cable Replacement below.

#### NOTE

*The Harley-Davidson inventory of the 7-place DIN cable was tested when the static problem became evident. A red dot was placed beside the blue dot on the socket connector (under seat end) when the cable passed inspection. The red dot will be phased out when all tested cables have moved through the system and it is determined that no problem cables remain. All DIN cables will continue to have a blue inspection dot on both socket and pin connectors.*

If headset static is encountered on FLT Ultra models outside of the specified build range, check the ground connections between the radio, fork, frame and main chassis ground. Main chassis ground stackup on frame cross member in front of battery should be star washer, battery cable, ground cables, flat washer and then hex bolt. See Figure 1. Also verify that the fuel tank bolts are tight.

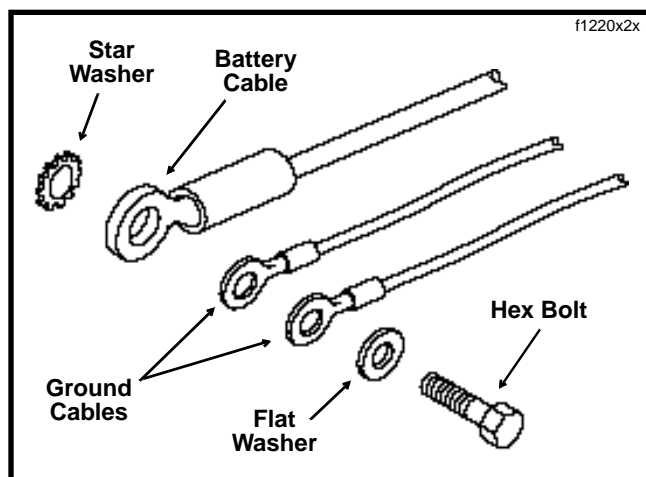


Figure 1. Main Chassis Ground Stackup

### DIN Cable Replacement

#### Removal

1. Remove the fuel tank.

**FLTC-U/FLHTC-U:** For carburetor equipped vehicles, refer to the 1995 FLT Service Manual, Part No. 99483-95, FUEL TANK, REMOVAL, page 4-24, steps 1-10 and 12-20.

**FLHTCU-I:** For fuel injected models, refer to the 1995 FLHTCU-I Service and Parts Supplement, Part No. 99462-95, FUEL TANK, COMPLETE REMOVAL, page 3-17.

2. Separate pin and socket halves of DIN connector in under seat location. See Figure 2.
3. Cut cable straps to release DIN cable from frame, wire harness conduit and wire bundles on right side of vehicle.
4. Remove clamp to release DIN cable from forward area of frame.

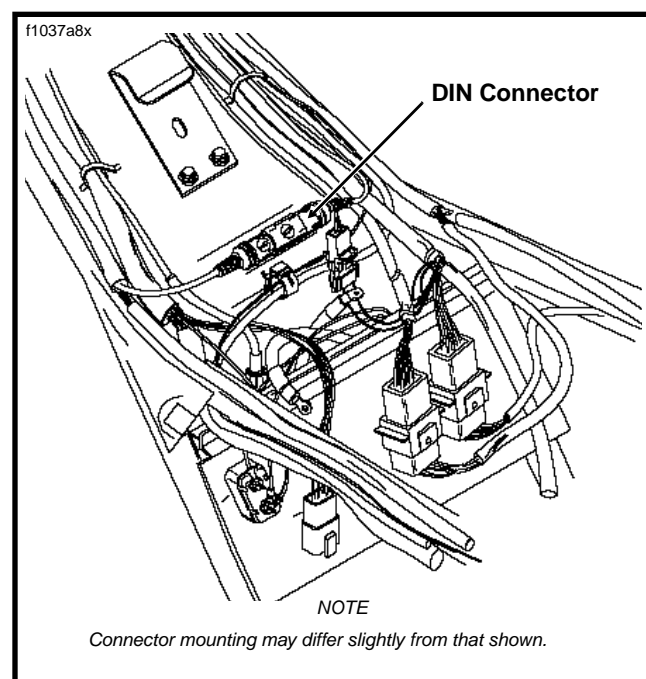
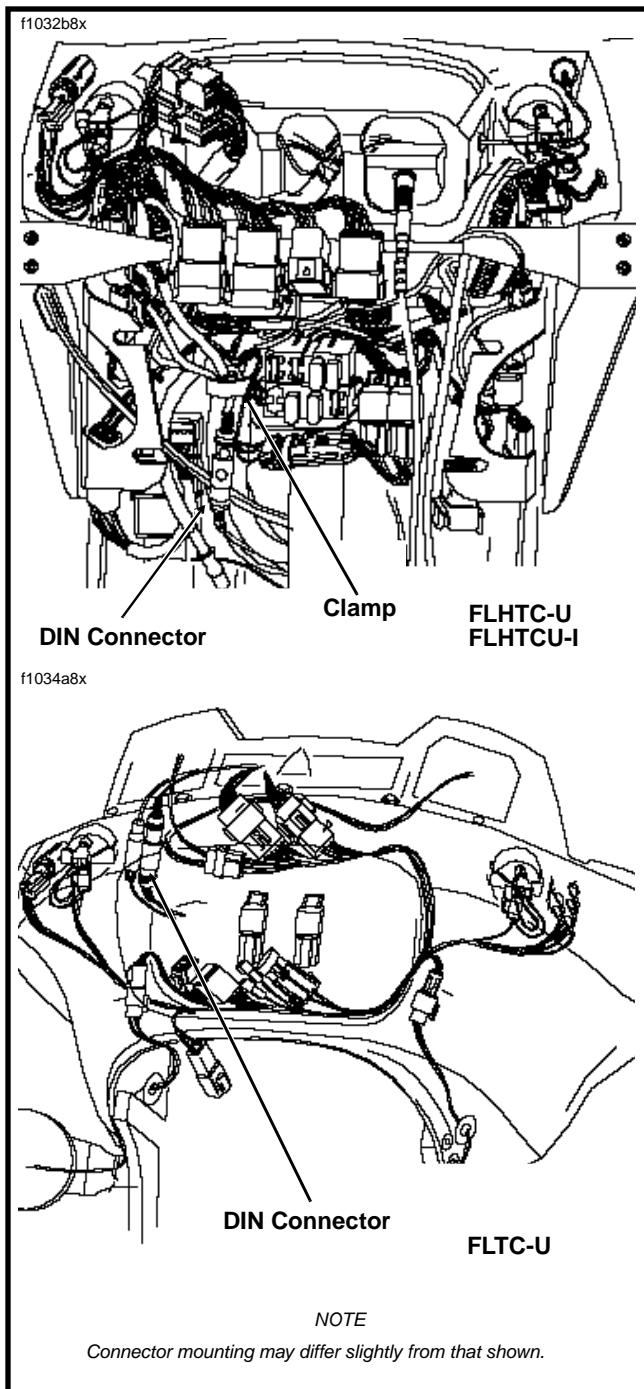


Figure 2. 7-Place DIN Connector (Under Seat Location)



**Figure 3. 7-Place DIN Connector (Fairing Location)**

6. Separate pin and socket halves of DIN connector at fairing location. Remove DIN cable from vehicle.

#### Installation

1. Connect **new** DIN cable at fairing location. Route free end of cable back to the under seat area following the original path. Connect DIN cable connector at under seat location.
2. **FLHTC-U/FLHTCU-I Only:** Capture wire harness conduit, wire bundles, antenna cable and DIN cable in clamp at inner fairing location. Secure clamp (and ring terminal of ground wire) to upper fork bracket.
3. Capture wire harness conduit, wire bundles, antenna cable and DIN cable in clamp on right side of vehicle. Secure clamp (and ring terminal of ground wire) to forward area of frame.
4. Secure DIN cable to wire harness conduit, wire bundles and frame using **new** cable straps. Cut any excess cable strap material.
5. **FLHTC-U/FLHTCU-I:** Install the five screws (with flat washers) to secure the retaining ring and headlamp assembly to the fairing. Install the headlamp door.

**FLTC-U:** Coat the mating surface of the fairing and headlamp housing with an RTV silicone sealant. Install the four screws to secure the headlamp housing to the fairing. Install the cover plate.

6. Install the fuel tank.

**FLTC-U/FLHTC-U:** For carburetor equipped vehicles, refer to the 1995 FLT Service Manual, Part No. 99483-95, FUEL TANK, INSTALLATION, page 4-26, steps 2-14 and 18-27.

**FLHTCU-I:** For fuel injected models, refer to the 1995 FLHTCU-I Service and Parts Supplement, Part No. 99462-95, FUEL TANK, INSTALLATION (AFTER COMPLETE REMOVAL), page 3-19.

7. See CREDIT PROCEDURE on page 3.

5. **FLHTC-U/FLHTCU-I:** Remove the screw to release the headlamp door. Remove the five retaining ring screws (with flat washers) and gently pull the retaining ring and headlamp assembly from the fairing. See Figure 3. Reaching in through the opening in the fairing, remove the clamp to release DIN cable from upper fork bracket. Cut cable strap, if present.

**FLTC-U:** Remove the three screws to free the cover plate, but exercise caution to avoid losing the spacers at the upper corners. Remove the four screws to free the headlamp housing from the fairing.

## Credit Procedure

After servicing each vehicle, complete a regular Warranty Claim Form referencing Service Bulletin M-1050 in the "DESCRIPTION OF REPAIR" section. Fill in the rest of the claim form as follows:

	FLTC-U FLHTC-U	FLHTCU-I
CLAIM TYPE	MC	MC
QTY.	1	1
EVENT 1, PROBLEM PART NO.	76292-95	76292-95
PART DESCRIPTION	DIN Cable	DIN Cable
PRIMARY LABOR CODE	6542	6542
TIME	1.0 hr.	1.2 hrs.
CUSTOMER CONCERN	7204	7204
CONDITION CODE	4000	4000

## NOTE

*Any and all additional parts that may be needed to perform the repair (i.e., cable straps) are to be claimed on the same form as "ADDT'L PARTS" for the same event.*

Send a properly completed claim form to Harley-Davidson for each vehicle serviced. After processing of the claim form, you will be sent a bar coded part return label. Use the label to send back the DIN cable.

Upon receipt of the DIN cable, you will be credited for the cost of all applicable parts, labor time and return postage costs incurred.

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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