

SERVICE BULLETIN



M-1052

August 11, 1995

1996 FLHTC Ultra MODELS REED SWITCH WIRING CHANGE

General

Harley-Davidson has learned that the filament in the speaker switch indicator light may short to the reed switch wire and burn-out the reed switch.

Motorcycles Involved

Perform the "Reed Switch Wiring Change Procedure" given below to prevent reed switch failure on all FLHTC / U/I with a VIN sequential number less than 601694.

Reed Switch Wiring Change Procedure

1. See Figure 1. With the forks turned fully to the left, reach up under right side of fairing cap and gently open the flexible clamp.
2. See Figure 2. Gently pull down 12-place Fairing switch connector [105].

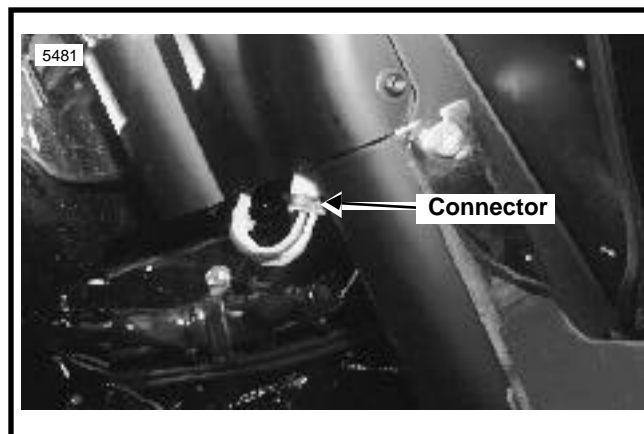


Figure 2. Fairing Switch Connector (pulled down)

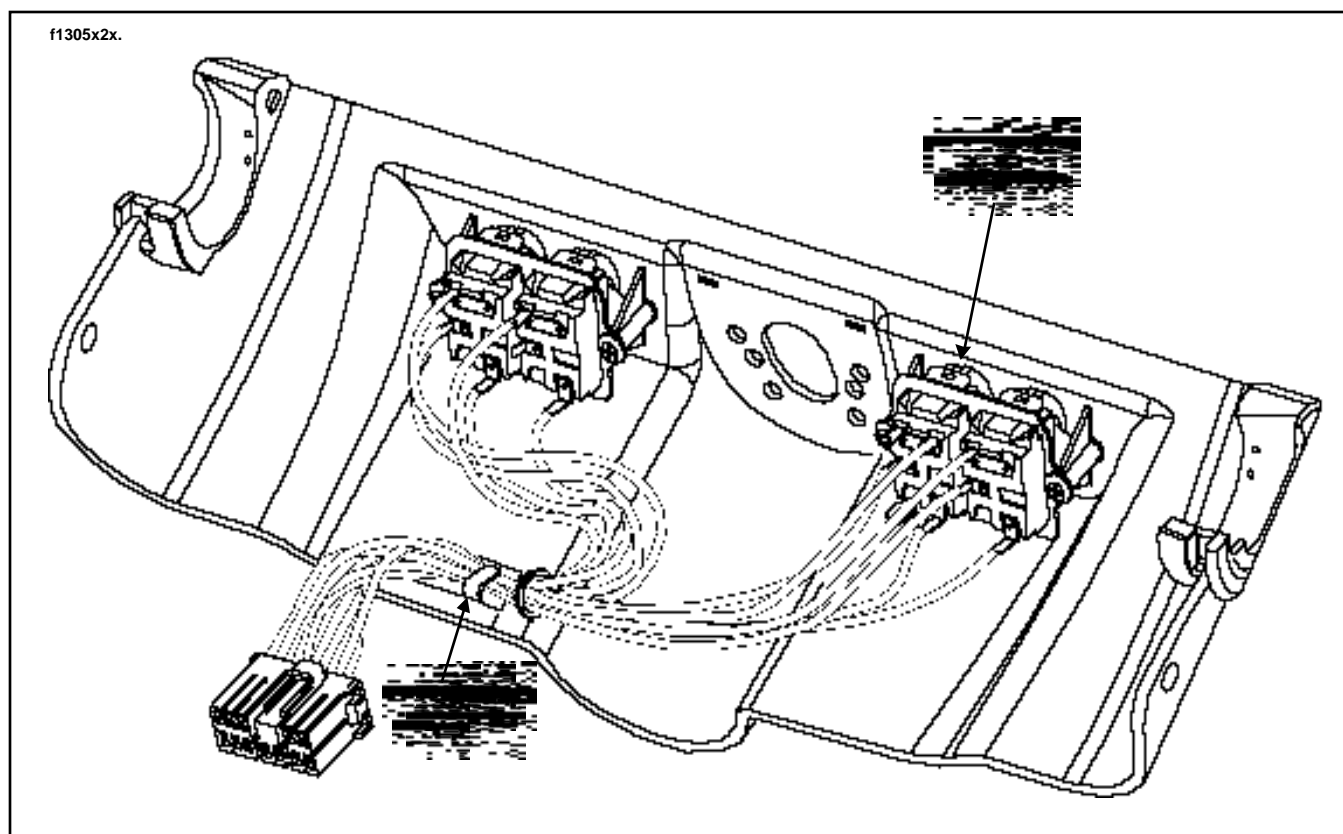


Figure 1. Locating Flexible Clamp Retaining Wires

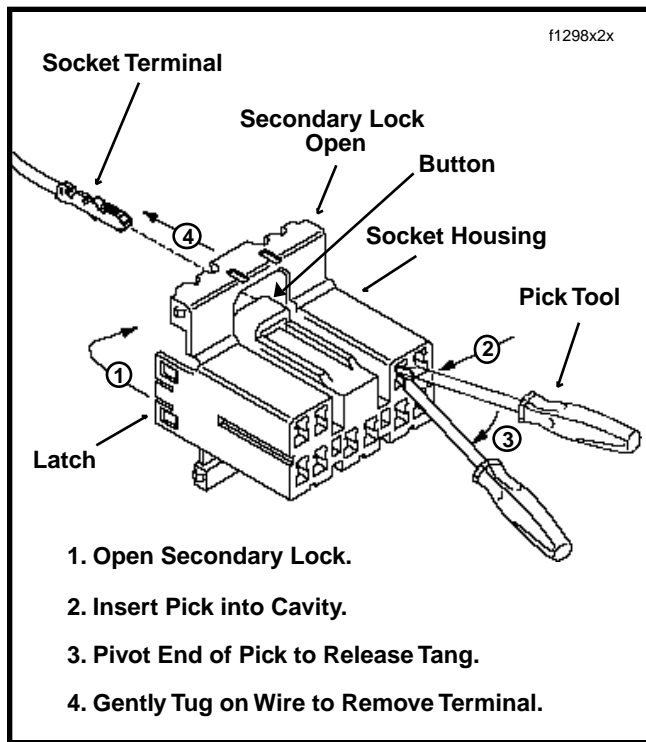


Figure 3. Release Tang and Back Out Terminals

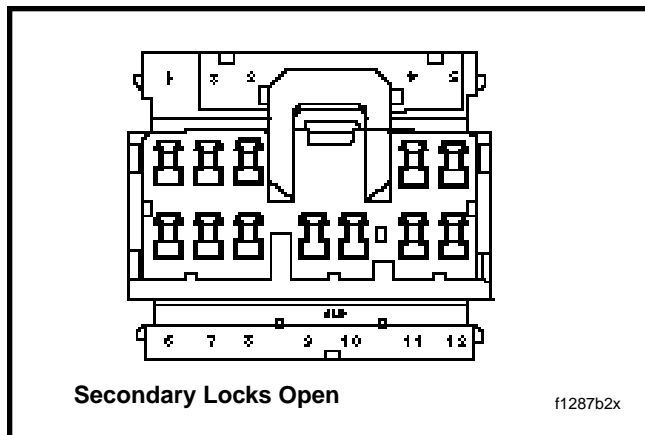


Figure 4. Numbers Stamped on Secondary Locks (Socket Housing Shown)

3. See Figure 3. Depress the button on the socket side of the connector to pull apart the pin and socket halves.

NOTE

See Figure 3. Before performing the following procedure carefully check the socket connector housing. If the socket connector housing has a yellow or green paint dab, the wires already have been interchanged.

4. See Figures 3 and 4. Follow instruction (1) given in Figure 3 to open the secondary locks.
5. Locate White/Green wire terminal in cavity 10. Identify wire with a piece of masking tape and write 11 on the masking tape to indicate wire must be moved to cavity 11.
6. With the flat side against the terminal, insert the pick (Snap-On TT600-3) into the cavity until it stops. Pivot the end of the pick away from the terminal and gently tug on wire to pull terminal from chamber. Do not tug on the wire until the tang is released or the terminal will be difficult to remove. A "click" is heard if the tang is engaged but then inadvertently released. Repeat the step without releasing the tang.
7. Repeat step 6 to remove White/Green wire from cavity 11.
8. Install White/Green wire that was in cavity 10 into cavity 11. Read following NOTE so terminal will be positioned correctly.

NOTE

The slot in the terminal must face the tang in the chamber for proper installation. On the socket side of the connector, tangs are at the top of each chamber, so the socket terminal slot (on the same side as the crimp tails) must face upward. Up and down can be determined by the position of the release button (used to separate the pin and socket halves), the button always being the top of the connector.

9. Gently tug on the wire end to verify that the terminal is locked in place and will not back out of the chamber.

NOTE

Leave the masking tape, applied in step 5, on the wire to indicate the wires have been switched.

10. Install White/Green wire that was in cavity 11 into cavity 10.
11. Rotate the hinged secondary lock inward until tabs fully engage latches on both sides of the connector.
12. See Figure 4. The wiring diagram shows the stock electrical hookup.
13. Plug socket connector half [105A] into pin connector half [105B] and tuck connector and wires up into fairing cap and gently close flexible clamp onto wires .

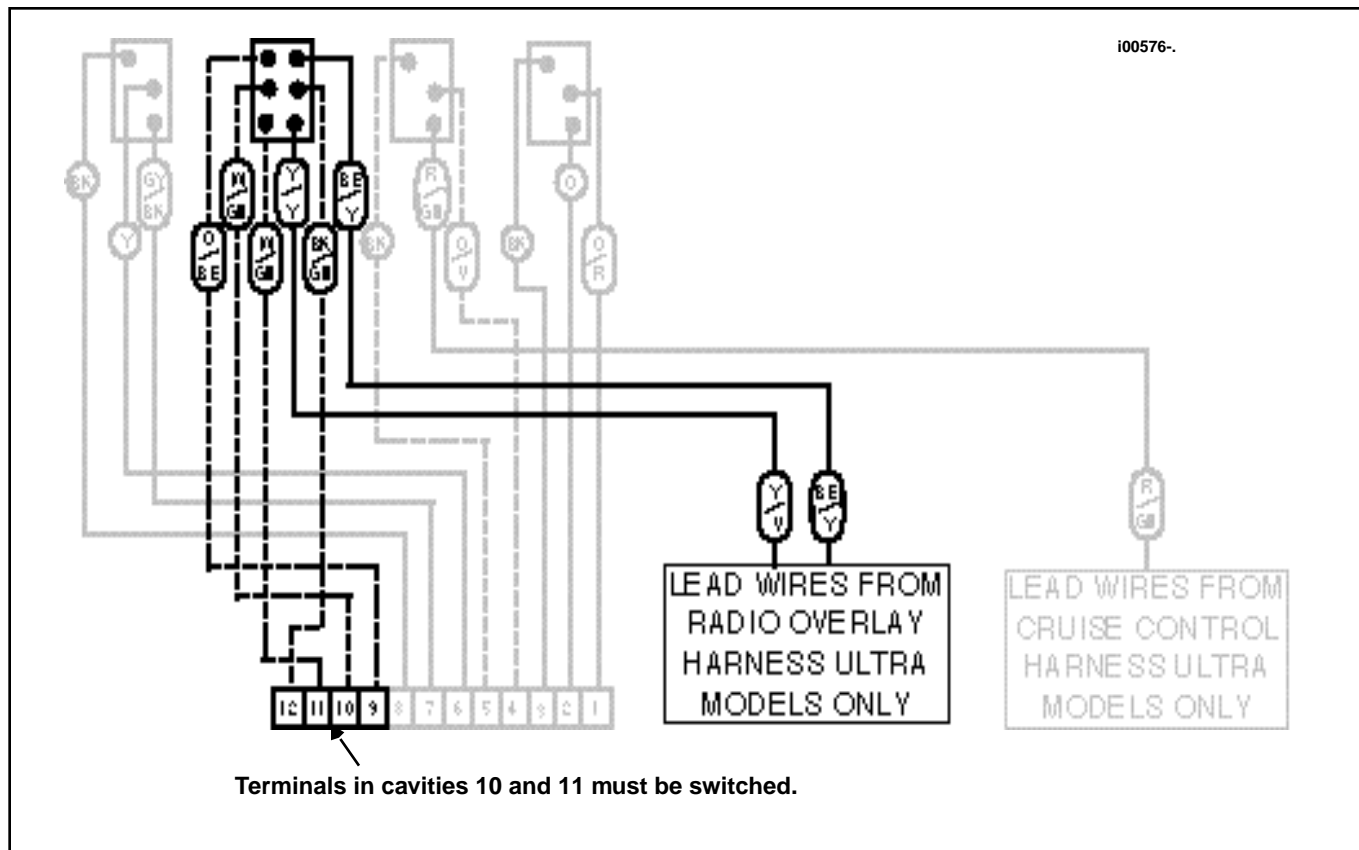


Figure 5. Stock Speaker Switch Connections

Credit Procedure

After servicing each vehicle, complete a regular Warranty Claim Form, Part No. 99520-76D, referencing Service Bulletin M-1052 in the "DESCRIPTION OF REPAIR" section of the claim form. Fill in the rest of the claim form as follows:

CLAIM TYPE	MC (sold) PRD (unsold)
QTY.	0
EVENT 1, PROBLEM PART NO.	77092-96
PART DESCRIPTION	Speaker Control Switch
PRIMARY LABOR CODE	5160
TIME	0.1 hr.
CUSTOMER CONCERN	7702
CONDITION CODE	4102

Upon receipt of a properly completed claim form, you will receive credit for labor code 5160 for 0.1 hour.

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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