

# SERVICE BULLETIN



M-989

DECEMBER 8, 1989

## FX MODULE WIRE ROUTING

### General

Beginning with 1988 FX model year production, the wires from the ignition module to the coil and sensor plate have been routed between the oil tank and the frame. Because of variations in clearance, there is the possibility of contact between ignition wires, oil tank and frame causing the conduit and insulation to chafe. Vehicles that have this condition could develop erratic engine operation, misfiring or loss of ignition spark.

In November 1989 a change was made in production to eliminate the potential ignition wire chafing problem. If you encounter ignition problems as described above, the wires should be re-routed as per current production vehicles. Wire clips for this installation can be obtained through parts channels by ordering Clip Part No. 10003.

### NOTE

*If wires are damaged, module should be replaced.*

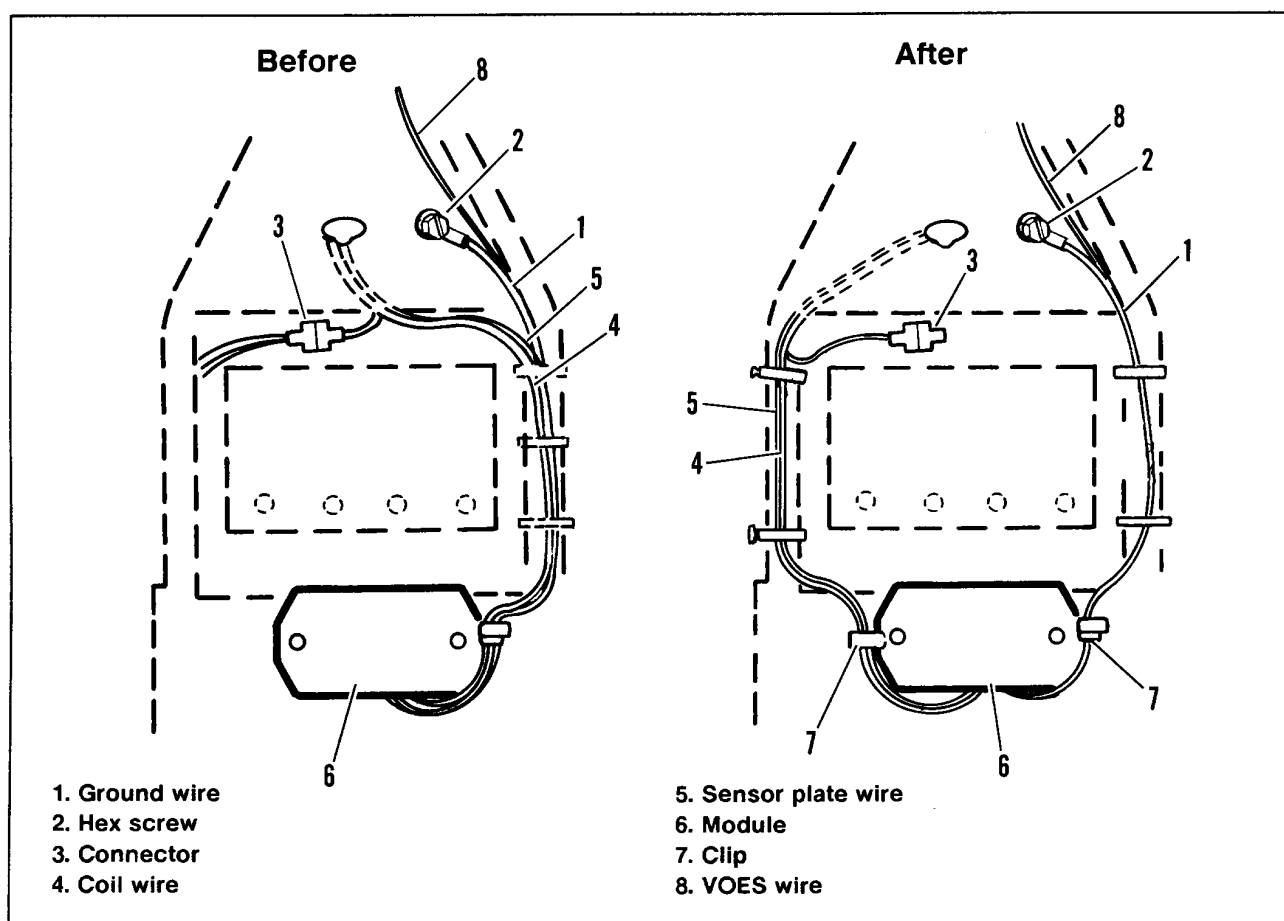


Figure 1. Module wiring

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									

## Procedure

### Warning

**Disconnect battery cables negative cable first to prevent accidental start up of engine.**

1. Remove seat. Remove the cable straps securing the ignition wires along the right frame tube.
2. See Figure 1. (View Before). Detach module ground wire (1) from frame by removing hex screw (2). Remove screws attaching module to frame.
3. Separate two halves of connector (3).
4. See Figure 1. (View After). Move sensor plate wire (5) and coil wire (4) around to left side of frame, under the

wires attached to connector (3). Place wires in loops of clips (7) and attach module (6), with clips, to frame with mounting screws.

6. Pull wires (5) and (4) so that all slack is taken up toward the front. Move wires away from the center of the oil tank and as far as possible toward the left side of tank.
7. Join halves of connector (3). Attach ring terminal of ground wire (1), with battery ground wire, to frame with hex screw (2).
8. Position module wires on top of frame tube and secure with cable straps, two at each side.
9. Follow normal warranty procedure.