

SERVICE BULLETIN

M-1000

October 5, 1990



1991 XLH VOLTAGE REGULATOR WIRE REROUTING AND 1991 XLH/ FX SERVICE MANUAL CORRECTION

XLH Regulator Wire Rerouting

1991 XL assembly variations could cause contact between the black voltage regulator wire and the oil tank or transmission vent hose. The voltage regulator wire is connected to the silver stud on the main circuit breaker. See Figure 1. To correct this condition, please rotate the regulator wire from "A" position to the "B" position. If this is not done the connector may fail leading to regulator damage and loss of battery power.

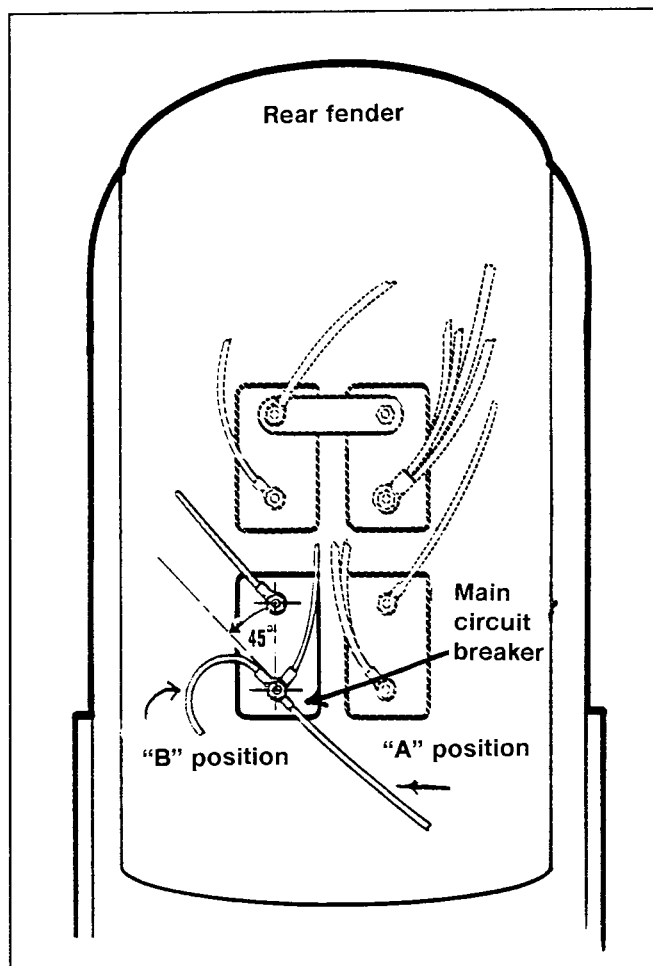


Figure 1. Voltage Regulator Wire Rerouting

XLH and FX Service Manual Corrections

The illustrations Figure 7-14 on page 7-18 in Section 7 of the 1991 XLH Service Manual and Figure 8-12 on page 8-16 in section 8 of the 1991 FX Service Manual are incorrect. The illustrations show the induction probe clamped around all three wires, within the conduit, connected to the voltage regulator. This is wrong. See Figure 2. The induction probe should instead be clamped around the output wire (d.c. current) to the main circuit breaker only. The two wires to the alternator stator (a.c. current) are not a part of this test. Please mark your XLH and FX Service Manuals accordingly.

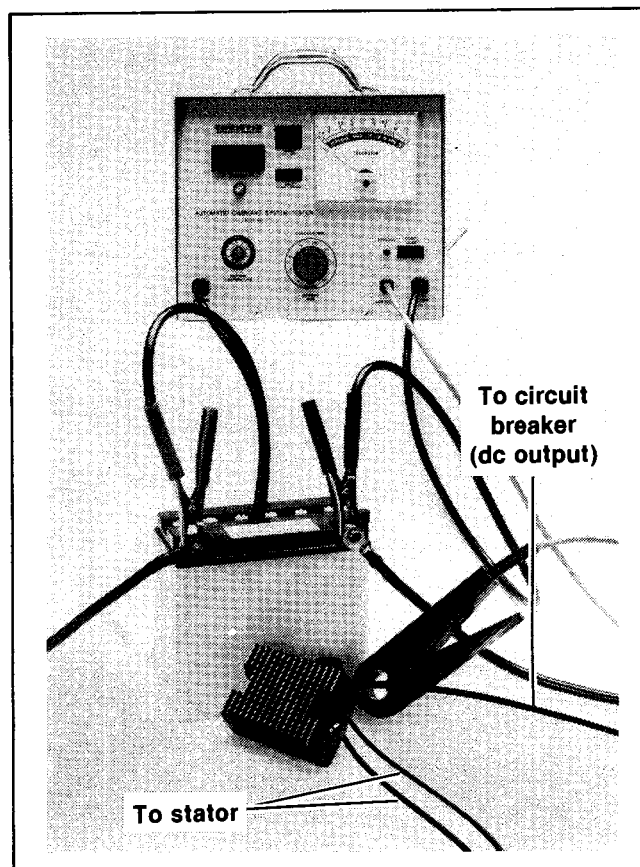


Figure 2. Charging System Output Test

| 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 | | | | | | | | | |

4

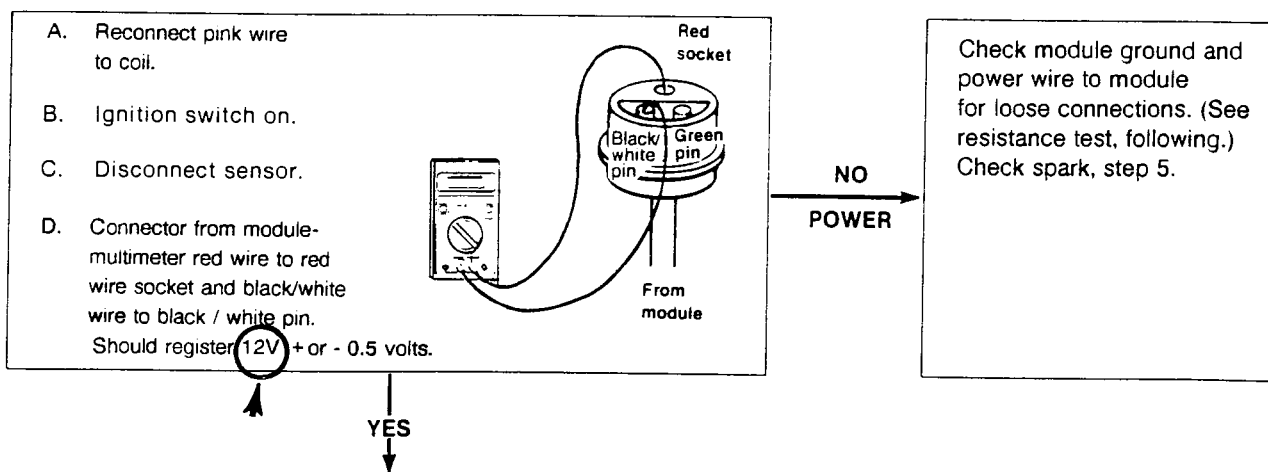


Figure 3. Trouble Shooting Ignition Module

Refer to the trouble shooting chart on page 8-4 in the 1991 FX Service Manual and page 7-4 in the 1991 XLH Service Manual. See Figure 3. Under "D" in step 4 the reading at the meter should register 12 volts and not 5 volts as indicated in the Service Manuals. Please mark your manuals accordingly.

Refer to the Resistance Test Chart on page 8-6 in the 1991 FX Service Manual and page 7-6 in the 1991 XLH

Service Manual. See Figure 4. The illustration, in the Service Manuals, does not show the new ignition module 7 pin connector. The ignition module on all 1991 models can be detached, electrically, by separating the 7-pin connector. Please mark your manuals accordingly.

We apologize for this inconvenience. The FX and XLH Service Manuals will be corrected at the next printing.

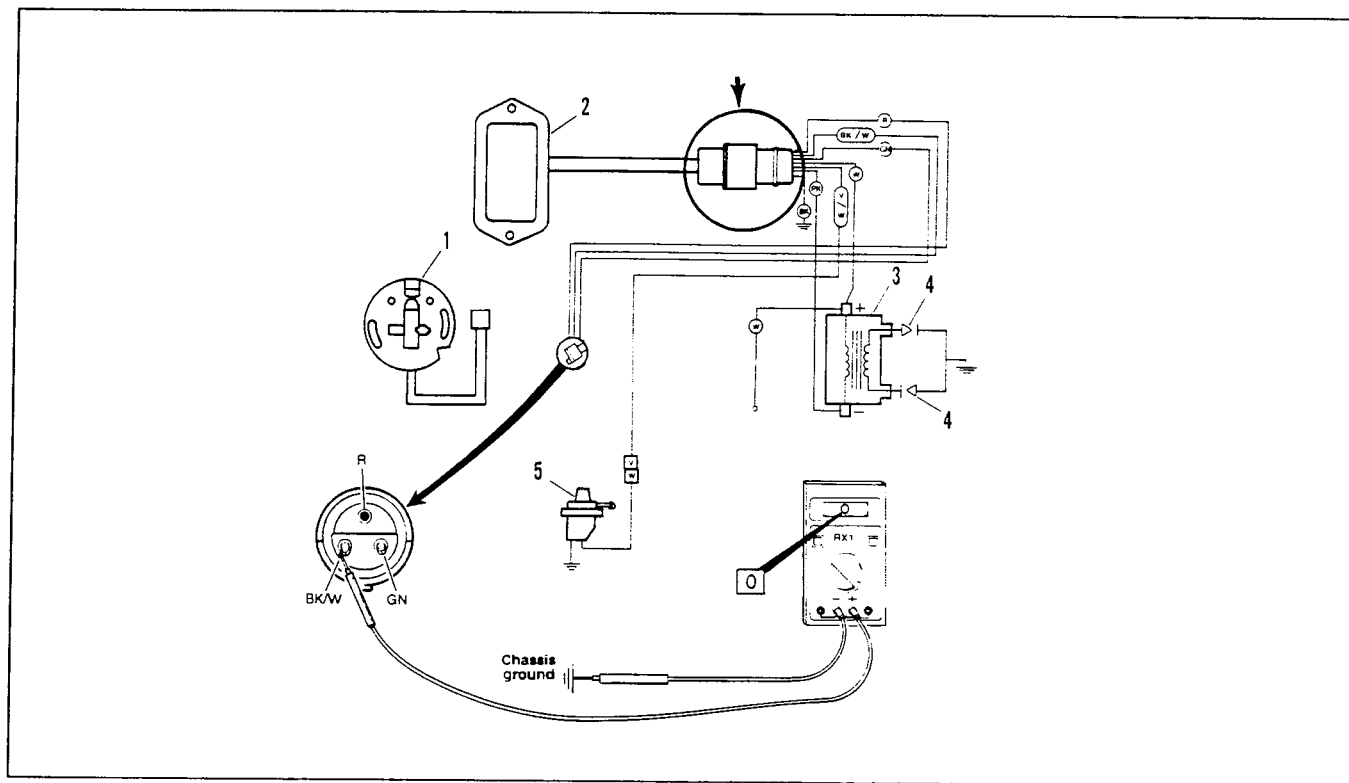


Figure 4. Resistance Test