

JAGUAR



TRIUMPH

SEAT BELT INTERLOCK HARNESS TEST PROCEDURES

Preliminary Instructions:

1. Insure that automobile ignition switch is "off".
2. Disconnect wiring harness plug from control module.
3. Select the appropriate termination plug and join to harness plug.
4. Select "**Pektron**" or "**Smiths**" position at test set mode switch.
5. Press "test" button to prove operation of all lamps on test set.

NOTE: The warning buzzer sounds on **Pektron** system only, but "Fasten Seat Belts" light on dash- board remains unlit.

Test Procedure:

TEST	TEST SET REACTION	FAULT
1. Vehicle plug connected to test set lead.	Battery light on Driver belt and passenger belt lights "on".	If not, check wiring and connections.
2. Switch on vehicle ignition.	Ignition light "on".	If not, check ignition system fuse, connections, and switch.
3. Turn Ignition key to "start" position.	Start "Sup" light on.	If not, check connections and starter switch.
4. Switch off vehicle ignition.	Ignition light out.	
5. Sit on driver's seat.	Driver's seat lamp "on".	If not, check driver's seat Switch and wiring.
6. Sit on passenger's seat.	Passenger's seat lamp "on".	If not, check passenger's seat Switch and wiring.
7. Fasten driver's belt.	Driver lamp goes off.	If not, check belt switch and wiring.
8. Fasten Passenger's belt.	Passenger's belt lamp goes out.	If not, check belt switch and wiring.
9. Turn vehicle ignition on and place car in gear.	Gear switch light "on".	If not, check gear switch and wiring.
10. Depress warning light switch on test set.	Warning light on dashboard on. Warning light directly above switch "on".	If not, check warning light bulb and wiring.

11. Turn ignition off. Take car out of gear. Depress warning buzzer switch on test set

PEKTRON ONLY: Warning buzzer in vehicle will operate. Test lamp on tester will light.

PEKTRON ONLY: If not, check wiring and buzzer.

SMITHS: Warning light on test set will illuminate. Buzzer will **not** sound.

SMITHS: If not, check wiring.

12. Insure vehicle is out of gear. Operate start switch on test set and hold ignition key in “start” position.

Test set start “Sup” light on starter operates in vehicle.

If not, check wiring and starter relay.

13. Turn ignition key off.

NOTE: As the buzzer on the Smiths module is an integral part of the module, to test the buzzer operate after Test #11, with the vehicle harness plugged to the module, open the driver’s door. Buzzer should sound.

If all reactions are as indicated, the fault lies in the control module, which should be substituted for a new one. If reactions are not as indicated, the fault lies within the vehicle wiring and/or switches. In the event of a malfunction, the first diagnostic check is a function check followed by a circuitry and switch continuity check.

NEVER SUBSTITUTE THE EXISTING MODULE WITH A NEW ONE UNTIL THIS CONTINUITY TEST HAS BEEN PERFORMED AND THE FAULT IDENTIFIED AND CORRECTED.

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