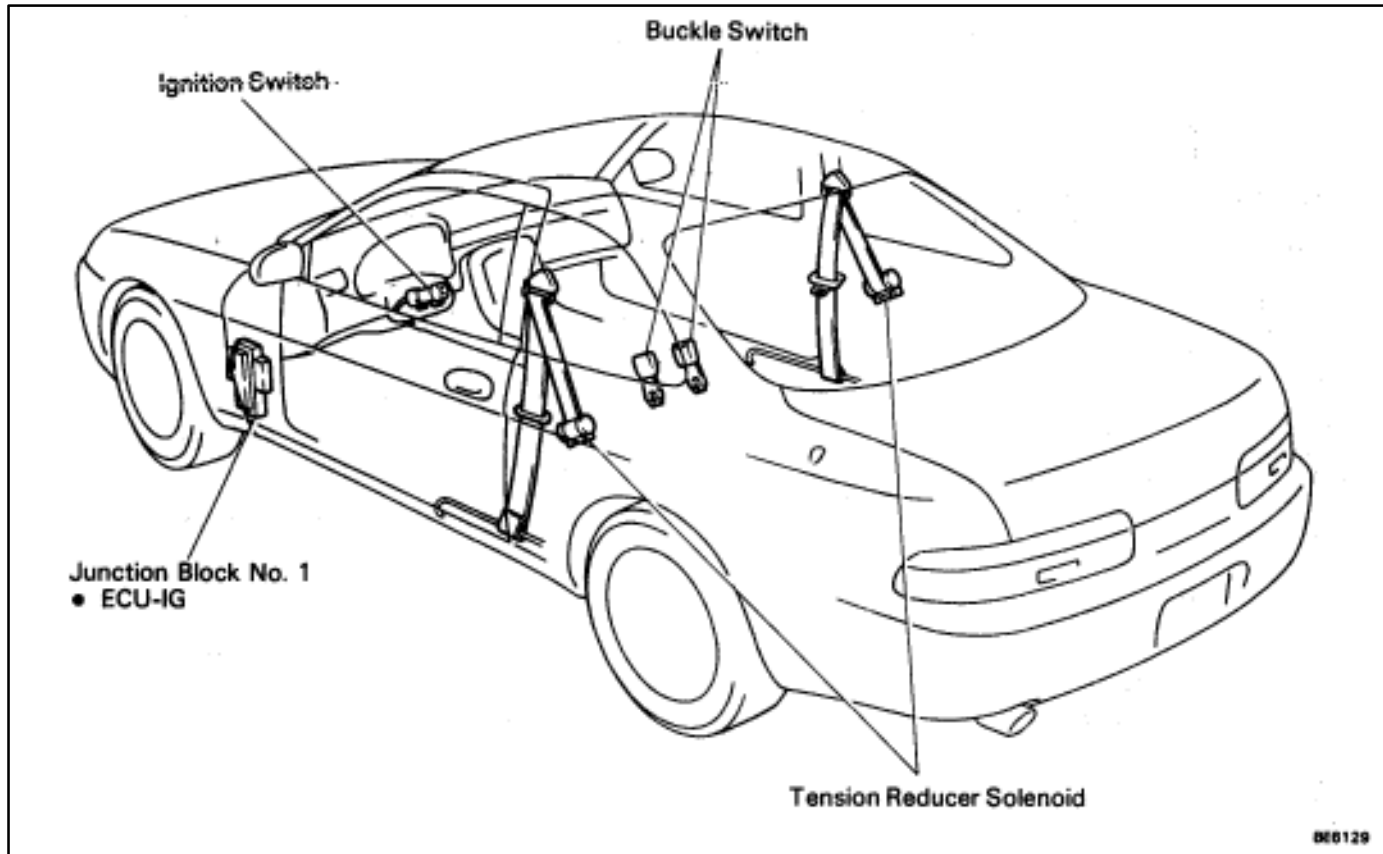
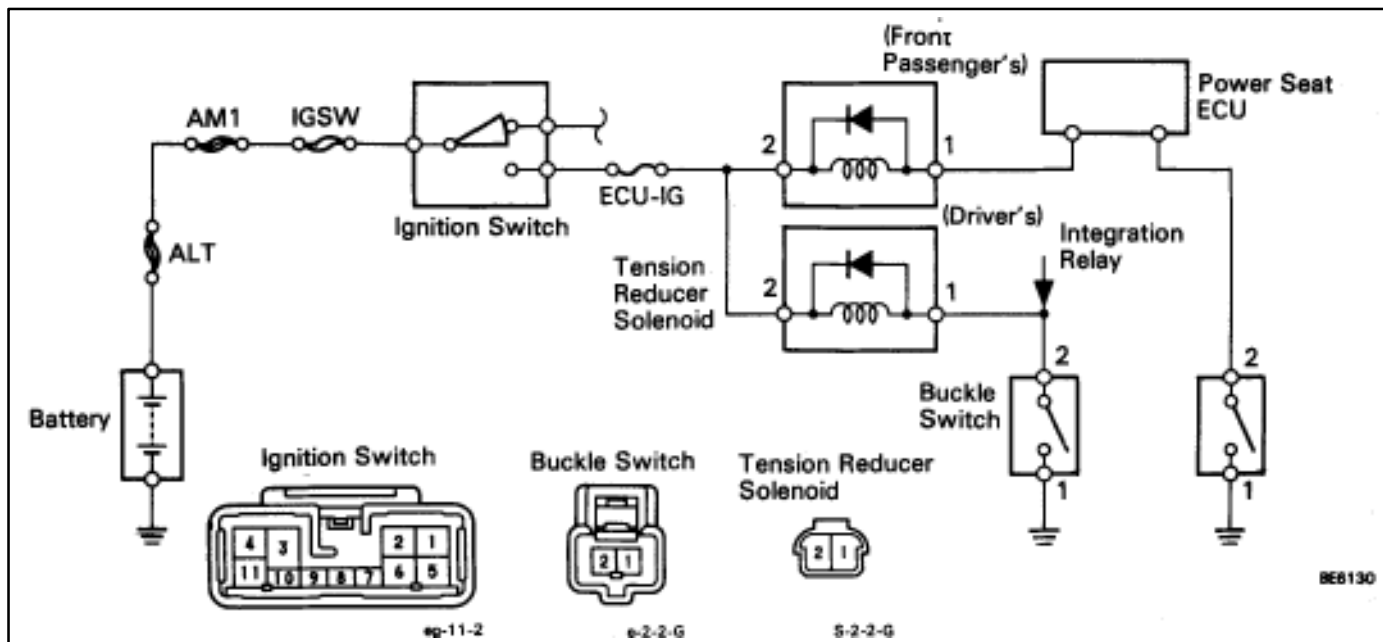


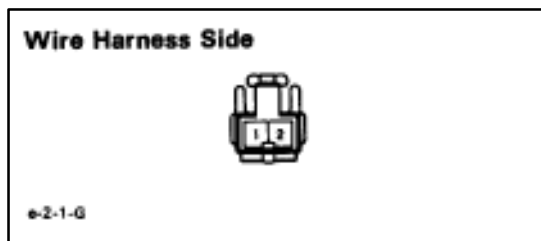
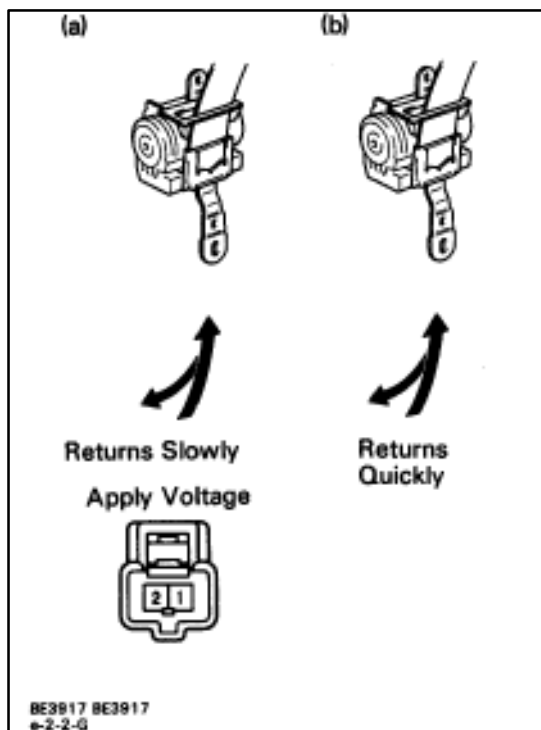
ELECTRIC TENSION REDUCER SYSTEM

Parts Location



Wiring and Connector Diagrams





Parts Inspection (Tension Reducer Solenoid)

REMOVAL AND INSTALLATION OF TENSION REDUCER SOLENOID

(See page [BO-71](#))

INSPECTION OF TENSION REDUCER SOLENOID

INSPECT TENSION REDUCER SOLENOID

(Operation)

- Connect the positive (+) lead from the battery to terminal 2, and negative (–) lead to terminal 1.
- Pull the belt upward and check that the belt is slowly retracted when released.
- Disconnect the lead from the battery.
- Pull the belt upward and check that the belt is retracted more quickly when released than in (b).

HINT: Do not tilt the retractor.

If the operation is not as specified, replace the front seat outer belt assembly.

(Circuit)

Disconnect the tension reducer solenoid connector and inspect the connector on wire harness side as shown.

Check for	Tester connection	Condition		Specified value
Voltage	2–Ground	Ignition switch position	ON	Battery voltage
			ACC or LOCK	No voltage
Continuity	1–Ground	Buckle switch position	ON (belt fastened)	Continuity
			OFF (belt unfastened)	No continuity

If the circuit is specified, replace the front seat outer belt assembly.

If the circuit is not as specified, refer to [BE-167](#) wiring diagram, and inspect the circuits connected to other parts.

(Buckle Switch)

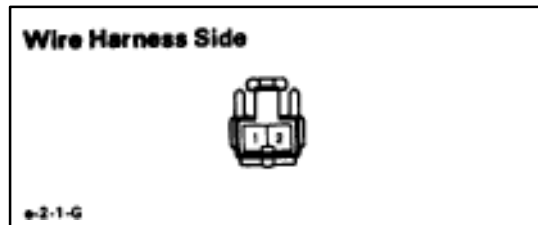
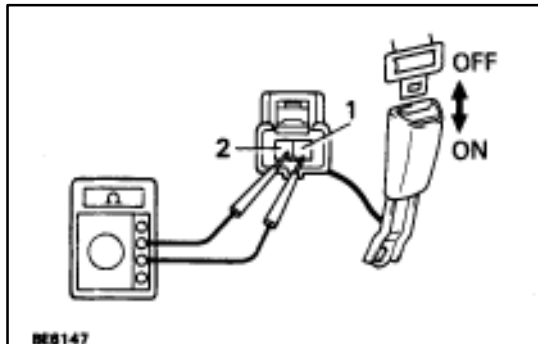
REMOVAL AND INSTALLATION OF BUCKLE SWITCH

1. REMOVE BUCKLE SWITCH

- Remove the driver or front passenger's seat.
- Disconnect buckle switch connector.
- Remove seat belt inner with buckle switch.

2. INSTALL BUCKLE SWITCH

For installation follow the removal procedure in reverse.



INSPECTION OF BUCKLE SWITCH

INSPECT BUCKLE SWITCH

(Switch Continuity)

- Check that there is continuity between terminals on the switch side connector with the switch ON (belt fastened).
- Check that there is no continuity between terminals on the switch side connector with the switch OFF (belt unfastened).

If operation is not as specified, replace the seat belt inner.

(Switch Circuit)

Disconnect the connector from switch and inspect the connector on wire harness side as shown.

Check for	Tester connection	Condition		Specified value
Voltage	2–Ground	Ignition switch position	ON	Battery voltage
			ACC or LOCK	No voltage
Continuity	1–Ground	Constant		Continuity

If the circuit is not as specified, refer to [BE-167](#) wiring diagram, and inspect the circuits connected to other parts.

Troubleshooting

You will find the cause of trouble more easily properly using the table shown below. In this table, the numbers indicate the order priority of the causes of trouble. Check each part in the order shown. If necessary, replace the part.

See page	BE-4, 20	BE-168	BE-169	1
Part name				
Trouble	GAUGE Fuse	Tension Reducer Solenoid	Buckle Switch	Wire Harness
Tension Reducer does not operate. (Driver's and Passenger's)	1			2
Tension Reducer does not operate. (Only one side)		2	1	3