J: AIRBAG WARNING LIGHT REMAINS ON

CONTENTS OF DIAGNOSIS:
- Airbag warning light is faulty.
- Airbag control unit-to-warning light harness is open or shorted.
- Grounding circuit is faulty.
- Airbag control unit is faulty.
- Connectors (AB1) and (B58) are not connected properly.

1 Check harness, connector and airbag warning light.
- Not OK → Repair body harness or replace airbag main harness or warning light.
- OK ↓

2 Check grounding circuit.
- Not OK → Repair body grounding circuit or replace airbag main harness.
- OK ↓

Replace airbag control unit.

CAUTION:
Before troubleshooting airbag system, disconnect battery ground cable, turn ignition switch "OFF" and then wait at least 10 minutes.

1. INSPECTION OF HARNESS, CONNECTOR AND AIRBAG WARNING LIGHT

1) Turn ignition switch "OFF" and connect connector (AB1) to test connector-A connector (2A).

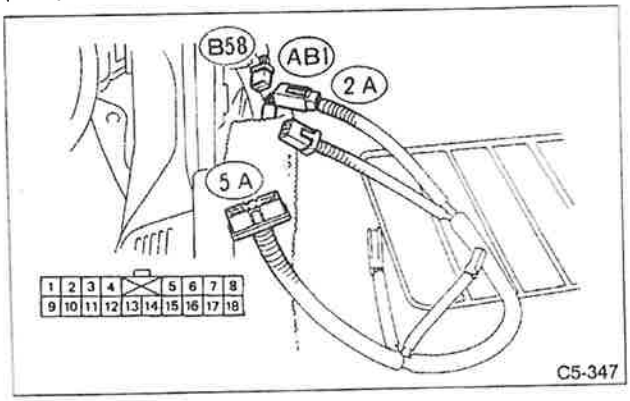

Fig. 109

2) Turn ignition switch "ON," (engine off) and connect connectors (3A) and (4A) to check if warning light goes out. If it does, go to step 3) below. If it remains on, check body harness and repair if necessary. If body harness is satisfactory, replace warning light. After problem has been eliminated, disconnect connectors (3A) and (4A).

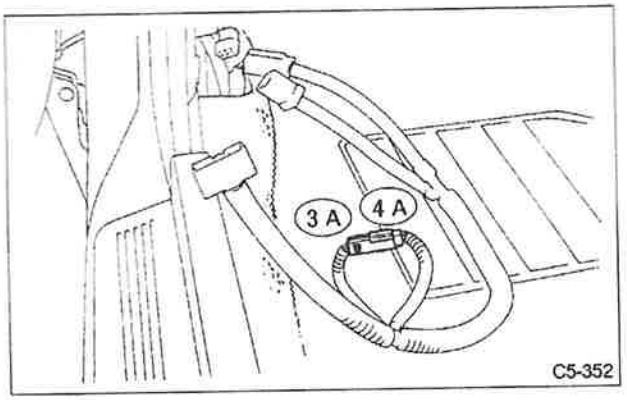

Fig. 110

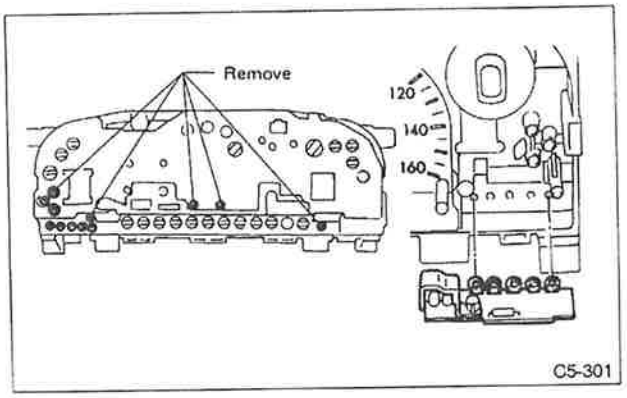

Fig. 111

3) Turn ignition switch "OFF," and re-connect connectors (AB1) and (B58).
4) Remove instrument panel lower cover and disconnect (AB3) with (AB8), then disconnect connector (AB6) from airbag control unit, and connect it to test harness-B connector (8B).

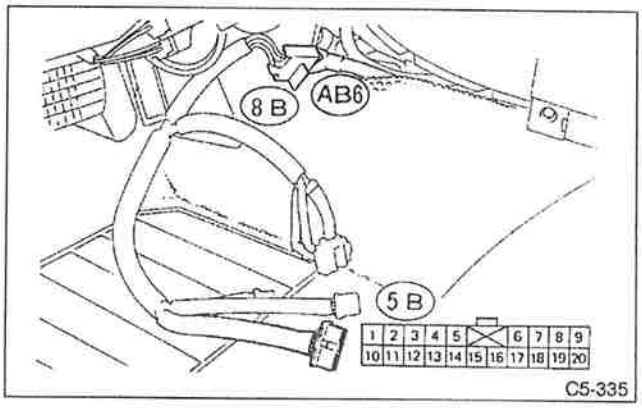

Fig. 112

5) Turn ignition switch "ON," (engine off) and connect connectors (6B) and (7B) to check if warning light goes out. If it does, go to "2. Grounding Circuit Inspection" below. If it remains on, replace airbag main harness. After problem has been eliminated, disconnect connectors (6B) and (7B).

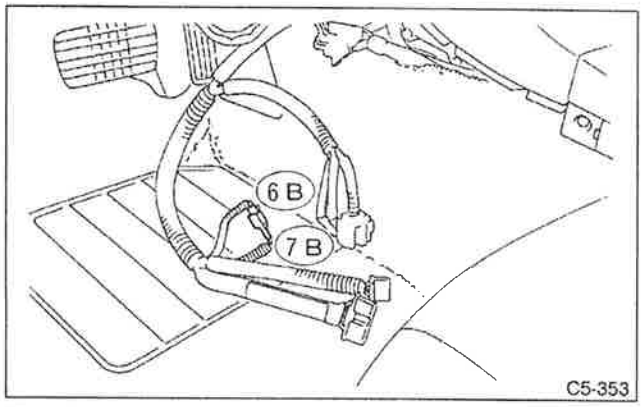

Fig. 113

2. GROUNDING CIRCUIT INSPECTION

1) Turn ignition switch "OFF". Disconnect connector (AB1) from bulk harness connector (B58), and connect it to test harness-A connector (2A). Measure resistance between connector (5A) terminal and GND.

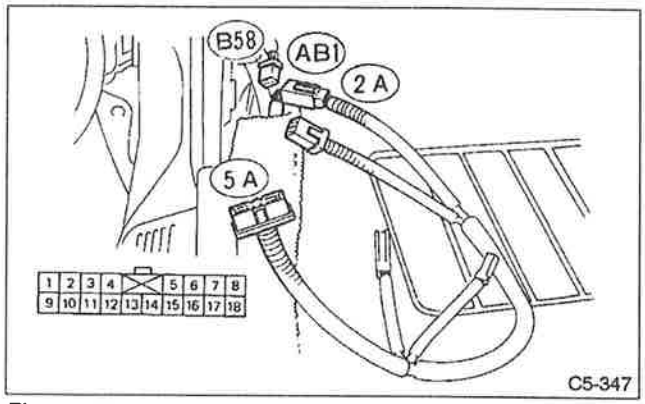

Fig. 114

(5A) Terminal / Specified resistance:
No. 17 — Body / 10 Ω max.
No. 18 — Body / 10 Ω max.

If resistance is greater than 10 ohms, body grounding circuit is faulty and should be repaired. If resistance is less than 10 ohms, go to step 2) below.
2) Connect connectors (AB1) and (B58). Disconnect connector (AB6) from airbag control unit, and connect it to test harness-B connector (8B).

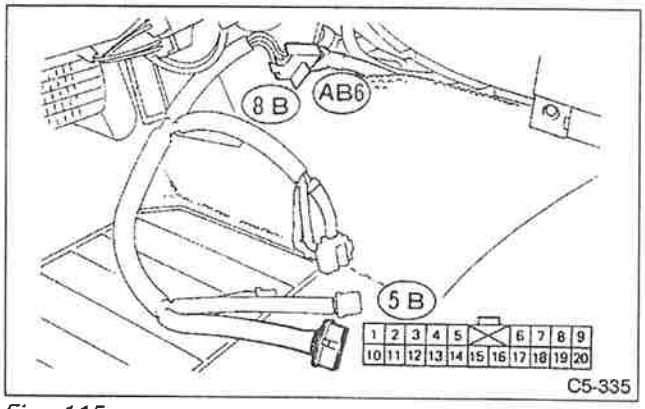

Fig. 115

3) Measure resistance between each test harness-B connector (5B) terminal and GND.

(5B) Terminal / Specified resistance:
No. 11 — Body / 10 Ω max.
No. 12 — Body / 10 Ω max.

If resistance is greater than 10 ohms, replace airbag main harness.
If resistance is less than 10 ohms, replace airbag control unit.