

Working Precautions

WIRING SYSTEM

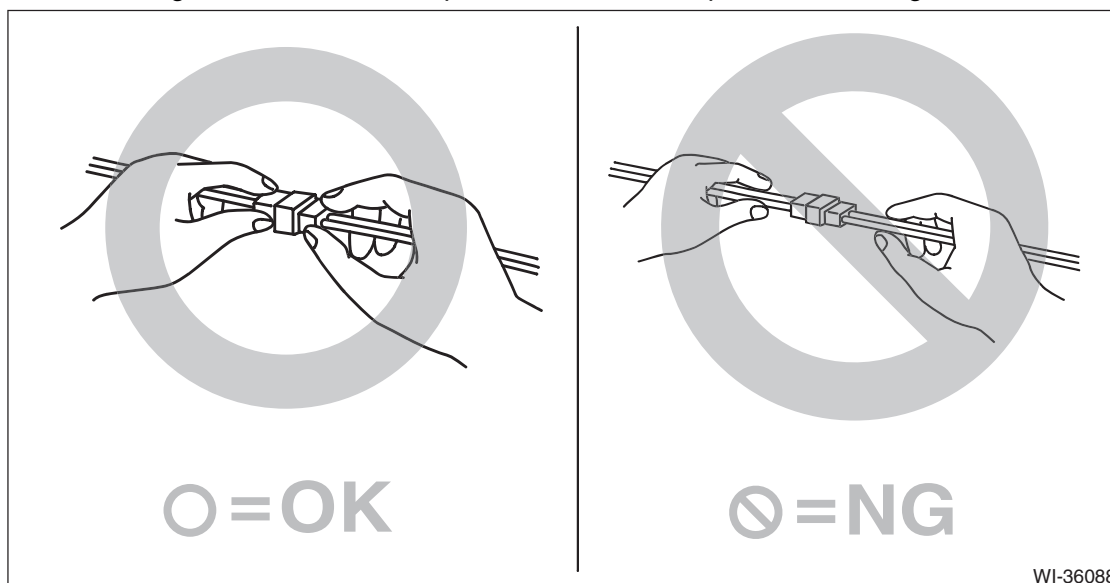
2. Working Precautions

A: PRECAUTIONS WHEN WORKING WITH THE PARTS MOUNTED ON THE VEHICLE

- 1) Always refer to "CAUTION" and "NOTE" of "General Description" in the same model's service manual before starting the service.
- 2) When working under a vehicle which is jacked-up, always be sure to use rigid rack.
- 3) The parking brake must always be applied during working. Also, in automatic transmission vehicles, keep the select lever set to the P (Parking) range.
- 4) Be sure the workshop is properly ventilated when running the engine.
- 5) Be careful not to touch the rotating parts such as a belt or a fan while the engine is operating.
- 6) Be careful not to touch hot metal parts immediately after the engine has been turned on or off.

B: PRECAUTIONS IN TROUBLE DIAGNOSIS AND REPAIR OF ELECTRIC PARTS

- 1) Always refer to "CAUTION" and "NOTE" of "General Description" in the same models service manual before starting the diagnostics and repair.
- 2) Always refer to the cautions of each section when diagnosing and repairing each system and component.
- 3) The battery cable must be disconnected from the negative terminal after the ignition switch is set to the OFF position, unless otherwise required by the diagnostics.
- 4) When disconnecting a connector, do not pull the harness, but pull while holding the connector housing.

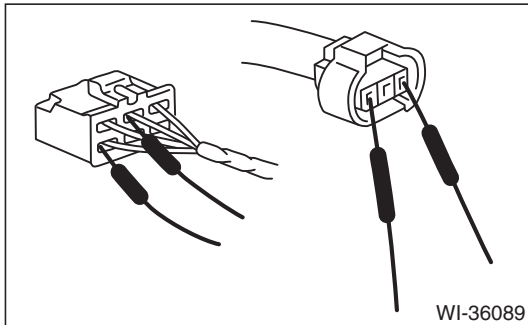


- 5) Confirm the locking shape completely before disconnecting a connector. In addition, firmly push in the connector until a click sounds when connecting a connector.
- 6) When checking continuity between connector terminals, or measuring voltage across the terminal and ground, always touch tester probe(s) to terminals from the harness side. If the probe is too thick to gain access to the terminal, do not push it in forcibly but use a mini test lead.

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7) To check water-proof connectors (which are not measurable from the harness side), touch tester probes on the terminal side and be very careful not to bend or damage the terminals.



8) Securely fasten the harness with clamps and clips so that the harness does not interfere with the body end parts, edges, bolts or screws.

9) When installing a harness and a component, be careful not to catch them on the harness.

10) Sensors, relays, units, etc., are sensitive to strong impacts. Handle them with extra care so that they are not dropped or mishandled.

11) Because the HID headlight uses high voltage, be sure to confirm that the power supply is turned off before diagnostics and repair. Furthermore, do not perform diagnostics and repair with wet hands because there is a possibility of electrical shock.

12) When inspecting the airbag system, in order to avoid malfunction, always refer to "CAUTION" of "General Description" of the airbag system in the same model's service manual.

