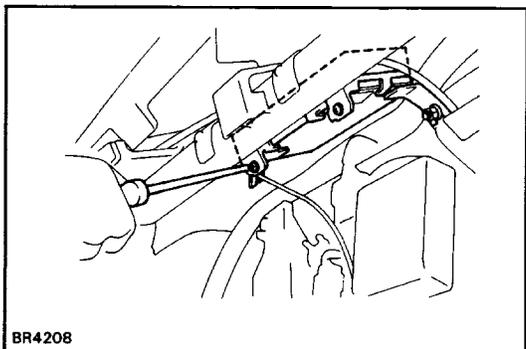


BR4203



BR4208

Rear-Wheel Anti-Lock Brake System Circuit

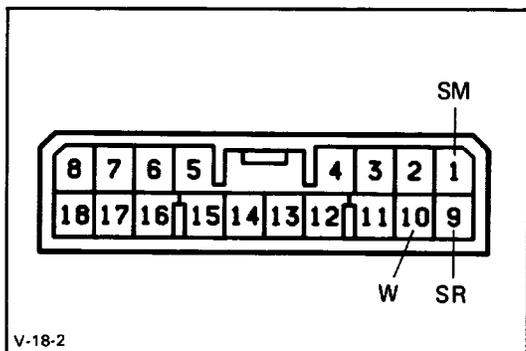
REMOVAL OF REAR-WHEEL ANTI-LOCK BRAKE SYSTEM ECU

1. REMOVE GLOVE BOX ASSEMBLY

Remove the four screws and a bolt, then remove the glove box assembly and disconnect the radio speaker connector.

2. REMOVE ECU

- (a) Remove the two screws and a nut.
- (b) Pull out the ECU.



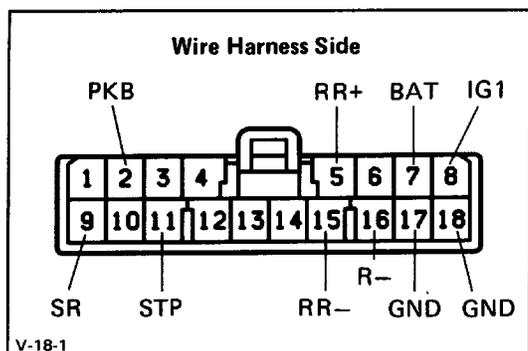
V-18-2

INSPECTION OF SYSTEM CIRCUIT

1. INSPECT SYSTEM CIRCUIT WITH CONNECTOR CONNECTED

Using a voltmeter with high impedance (10 k Ω N minimum), measure the voltage at each terminal and body ground.

| Tester Connection | Condition | Voltage | Trouble Part |
|-------------------------|--|--------------------------|--------------------------|
| SM - Body ground | Ignition switch ON | Battery positive voltage | Solenoid relay, Actuator |
| | Ignition switch ON and "REAR ANTILOCK" warning light goes on | About 0 V | |
| SR - Body ground | Ignition switch ON | Battery positive voltage | |
| | Ignition switch ON and "REAR ANTILOCK" warning light goes on | About 0 V | |
| W - Body ground | Ignition switch ON | Battery positive voltage | Warning light bulb |
| | Ignition switch ON and "REAR ANTILOCK" warning light goes on | About 0 V | |



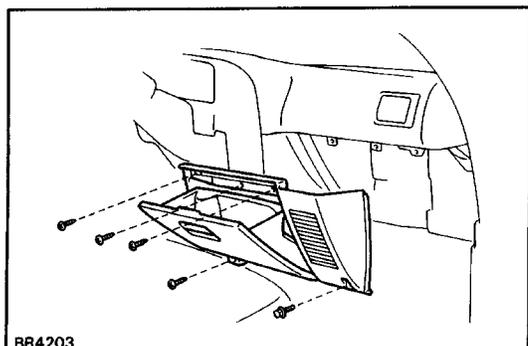
2. INSPECT SYSTEM CIRCUIT WITH CONNECTOR DISCONNECTED

- (a) Disconnect the connector from the ECU and inspect at the wire harness side connector.

| Tester Connection | Check Item | Condition | Voltage or Resistance Value | Trouble Part |
|-------------------|------------|---|-----------------------------|----------------------------------|
| PKB - Body ground | Voltage | Ignition SW on and PKB lever pulled | About 0 V | PKB switch, level warning switch |
| | | Ignition SW on and PKB lever returned | Battery positive voltage | |
| RR+ - RR- | Resistance | - | 580 - 700 Ω | Speed sensor |
| BAT - Body ground | Voltage | - | Battery positive voltage | Wire harness |
| IG1 - Body ground | Voltage | Ignition SW on | Battery positive voltage | ECU-IG fuse, wire harness |
| | | Ignition SW off | About 0 V | |
| SR - R- | Resistance | - | 80 Ω | Solenoid relay |
| STP - Body ground | Voltage | Ignition SW off and brake pedal depressed | Battery positive voltage | Stop light switch, stop light |
| | Continuity | Ignition SW off and brake pedal returned | Continuity | |
| GND - Body ground | Continuity | - | Continuity | Wire harness |

If the circuit is not as specified, check and repair or replace the trouble part shown in the table above.

- (b) Connect the connector.



INSTALLATION OF ECU

1. INSTALL ECU

Install the ECU in place with a nut and two screws.

2. INSTALL GLOVE BOX ASSEMBLY

Connect the radio speaker connector and install the glove box assembly in place and install the four screws and a bolt.