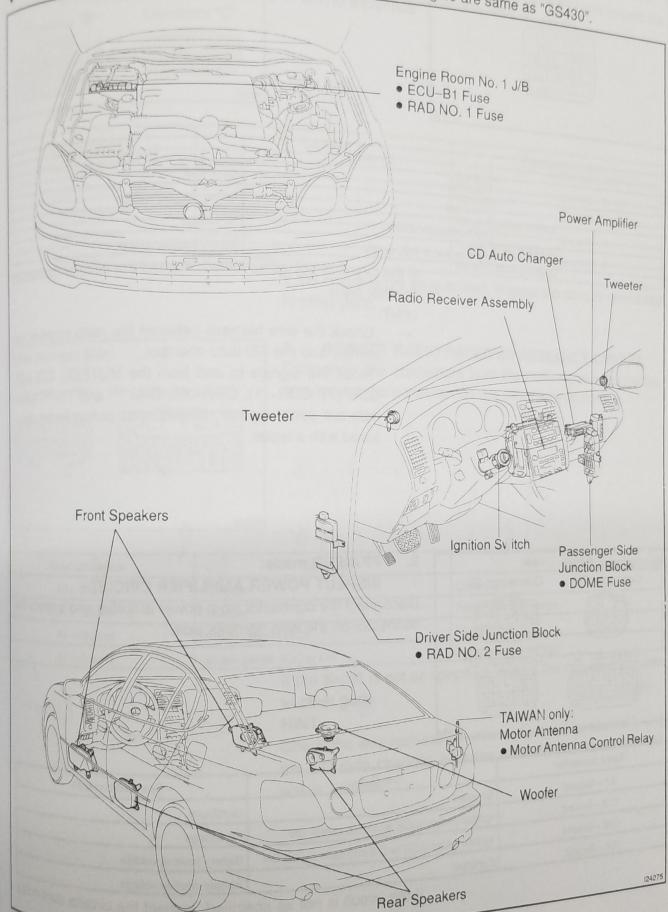
LOCATION The vehicle shown in this illustration is "GS430."

The vehicle shown in the than the ones used for engine are same as "GS430".



### INSPECTION

# INSPECT CD AUTO CHANGER CIRCUIT

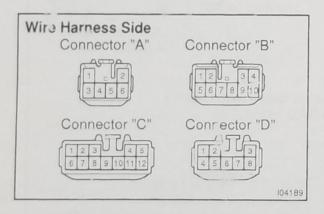
Disconnect connectors from CD auto changer and inspect the

Tester connection	Condition	Specified as the
8 – Ground	Constant	Specified condition Continuity
1 – Ground	Constant	Battery positive voltage
6 – Ground	Ignition switch LOCK	No voltage
6 – Ground	Ignition switch ACC or ON	Battery positive voltage

If the circuit is not as specified, inspect the circuits connected to other parts.

### HINT:

- Check the wire harness between the radio receiver assembly and the CD auto changer.
- Since the signals to and from the MUTE(3), CDL+(2), CDL-(7), CDR+(1), CDR-(6), TXM-(9) and TX+(4) terminals are serial signals, they cannot ordinarily be measured with a tester.



### 2. PIONEER made: INSPECT POWER AMPLIFIER CIRCUIT

Disconnect the connector from power amplifier and inspect the connector on the wire harness side.

Tester connection	Condition	Specified condition
B7 – Ground	Constant	Continuity
C12 – Ground	Ignition switch LOCK and radio switch ON	No voltage
C12 – Ground	Ignition switch ACC or GN and radio switch ON	Battery positive voltage
B4 – Ground	Constant	Battery positive voltage

If the circuit is not as specified, inspect the circu to other parts.

AUDIO SYSTEM

## MARK LEVINSON made: 3.

BE-225

INSPECT POWER AMPLIFIER CIRCUIT Disconnect the connector from power amplifier and inspect the

Tester connection	Condition	
A12 - Ground	Constant	Specific
A13 – Ground	Constant	Specified condition Continuity
A7 – Ground	Constant	Continuity
A16 – Ground	Constant	Battery positive voltage
B20 – Ground	Ignition switch ACC	Battery positive voltage
	If the circuit is	Datt

If the circuit is not as specified, inspect the circuits connected

# Wire Harness Side Connector "B" Connector "A" 2345678910 11121314151617181920 121639

370 158

# INSPECT RADIO RECEIVER ASSEMBLY CIRCUIT

Disconnect the connectors from the radio receiver assembly, and inspect the connector on the wire harness side.

Tester connection	Condition	Specinca condition
A2 – Ground	Constant	Continuity
A4 - Ground	Constant	Battery positive voltage
A1 – Ground	Ignition switch LOCK	No voltage
A1 – Ground	Ignition switch ACC or ON	Battery positive voltage

If the circuit is not as specified, inspect the circuits connected to other parts.

HINT:

Check the wire harness between radio receiver assembly and the CD auto changer, between radio receiver assembly and power amplifier.

# Wire Harness Side Connector "A" Connector "B" 1 2 3 4 5 6 7 8 9 10 Connector "C"

# 5. INSPECT RADIO RECEIVER ASSEMBLY CIRCUIT Disconnect the connectors from the radio receiver assembly, and inspect the connector on the wire harness side.

Tester connection	Condition	Specified condition
A2 – Ground	Constant	Continuity
A4 – Ground	Constant	Battery positive voltage
A1 – Ground	Ignition switch LOCK	No voltage
A1 – Ground	Ignition switch ACC or ON	Battery positive voltage

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If the circuit is not as specified, inspect the circuits connected to other parts.

HINT:

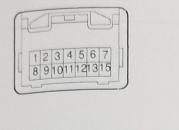
Check the vire harness between radio receiver assembly and the CD au o changer, between radio receiver assembly and power amplific.

113684

Wire Harness Side

ts connected

assembly and assembly and



INSPECT GATEWAY ECU CIRCUIT Disconnect the connectors from the gateway ECU, and inspect

Tester connection	Condition	
7 – Ground	Constant	South
14 – Ground	Constant	Specified condition Continuity
2 – Ground	Ignition switch ON	Continuity
8 – Ground	Constant	Battery positive voltage
9 – Ground	Ignition switch ACC	Battery positive voltage
	If the circuit is r	Battery positive voltage

If the circuit is not as specified, inspect the circuits connected HINT:

Check the wire harness between radio receiver assembly and