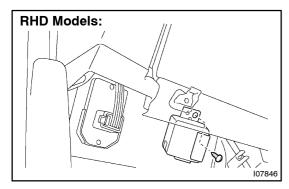
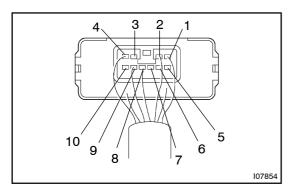


HEATER AMPLIFIER (w/ Viscous Heater) **INSPECTION**

REMOVE HEATER AMPLIFIER

- (a) LHD Models: Remove the engine (and ECT) ECU.
- Disconnect the connector.
- Remove the screw and amplifier. (c)





INSPECT AMPLIFIER CIRCUIT

Connect the connector to amplifier and inspect the wire harness connector from the back side, as shown in the chart.

Test conditions:

- Running engine at idle speed
- A/C switch ON

| Tester connection | Condition | Specified condition |
|-------------------|-------------------------------------|---------------------|
| 1 – Ground | Constant | Battery voltage |
| | Turn ignition switch to LOCK or ACC | No voltage |
| 2 – Ground | Power heater switch OFF | Battery voltage |
| | Power heater switch ON | Below 1.0 V |
| 3 – Ground | Viscous heater magnetic clutch OFF | No voltage |
| | Viscous heater magnetic clutch ON | Below 1.0 V |
| 4 – Ground | Constant | Continuity |
| 7 – Ground | Power heater switch OFF | Battery voltage |
| | Power heater switch ON | Below 1.0 V |
| 8 – Ground | Power heater switch OFF | Below 2.0 V |
| | Power heater switch ON | Battery voltage |
| 9 – Ground | Viscous heater magnetic clutch OFF | Battery voltage |
| | Viscous heater magnetic clutch ON | Below 1.0 V |
| 5 – Ground | A/C compressor magnetic clutch OFF | Below 1.0 V |
| | A/C compressor magnetic clutch ON | Battery voltage |

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