

Relays



Power Relay Test

Special Tools Required

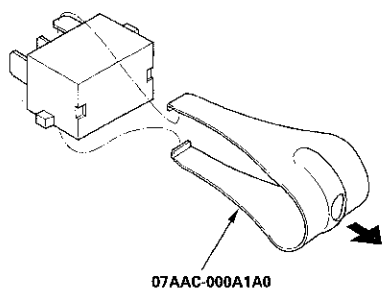
Relay puller 07AAC-000A1A0

Use this chart to identify the type of relay, then do the test listed for it.

NOTE: For the turn signal/hazard relay 1 input test (see page 22-233).

Relay	Test
A/C compressor clutch relay*	Normally-open type
Accessory power socket relay*	
A/F sensor relay*	
Blower motor relay*	
Control motor relay (HVAC)	
Fog light relay*	
Fuel fill door open relay*	
Headlight washer relay* (Canada models)	
Ignition coil relay*	
PGM-FI main relay 1, 2*	
Radiator fan control (RFC) unit relay	
Rear seat heater relay (Canada models)*	
Rear window defogger relay*	
Starter cut relay 1, 2	
Seat heater relay*	
SH-AWD relay*	
Throttle actuator control module relay*	
Windshield wiper motor relay*	
Daytime running lights relay* (Canada models)	Five-terminal type
ACC cut relay*	
IG2 cut relay*	
Adaptive cruise control (ACC) relay*	
Turn signal/hazard relay 2 (sounder)	Turn signal/hazard relay 2

*: Carefully remove the relay from the fuse/relay box using the relay puller. Do not use pliers. Pliers will damage the relay.

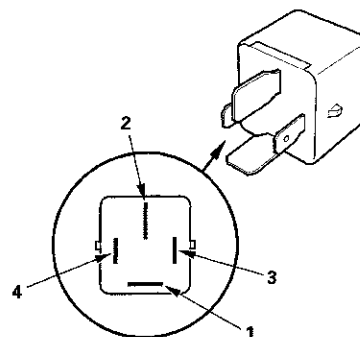
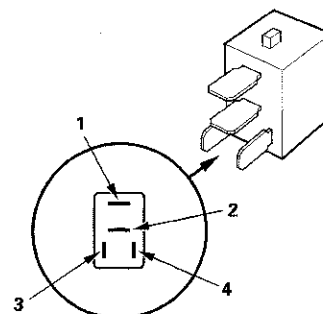
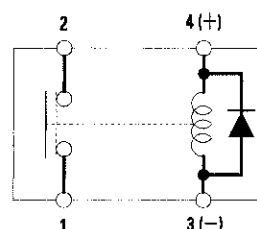


07AAC-000A1A0

Normally-open Four-terminal Type A

Check for continuity between the terminals.

- There should be continuity between terminals No. 1 and No. 2 when battery positive terminal is connected to terminal No. 4, and battery negative terminal is connected to terminal No. 3.
- There should be no continuity between terminals No. 1 and No. 2 when power is disconnected.



(cont'd)

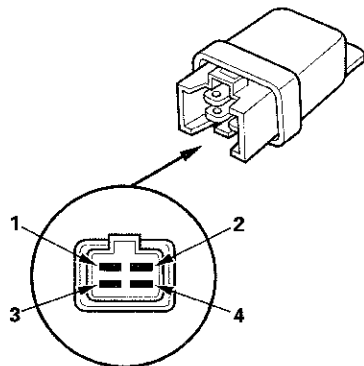
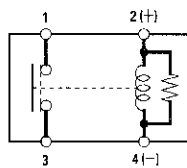
Relays

Power Relay Test (cont'd)

Normally-open Four-terminal Type B

Check for continuity between the terminals.

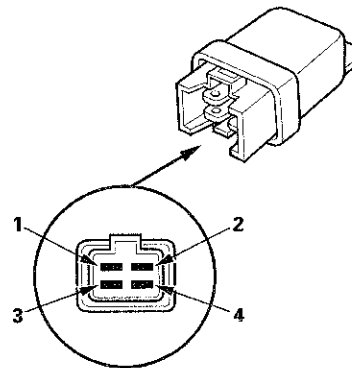
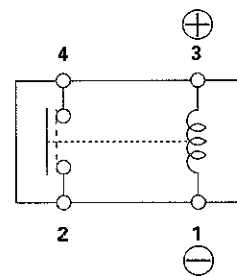
- There should be continuity between terminals No. 1 and No. 3 when battery positive terminal is connected to terminal No. 2, and battery negative terminal connected to terminal No. 4.
- There should be no continuity between terminals No. 1 and No. 3 when power is disconnected.



Normally-open Four-terminal Type C

Check for continuity between the terminals.

- There should be continuity between terminals No. 4 and No. 2 when battery positive terminal is connected to terminal No. 3, and battery negative terminal is connected to terminal No. 1.
- There should be no continuity between terminals No. 4 and No. 2 when power is disconnected.

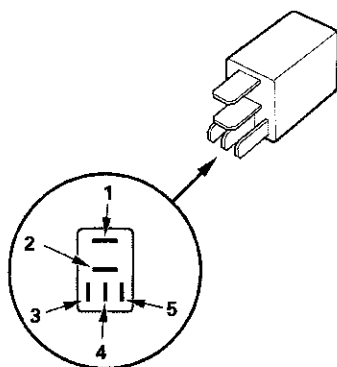
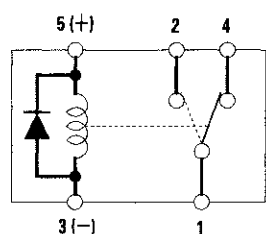




Five-terminal Type B

Check for continuity between the terminals.

- There should be continuity between terminals No. 1 and No. 2 when power is connected to terminal No. 5, and ground to terminal No. 3.
- There should be continuity between terminals No. 1 and No. 4 when power is disconnected.



Turn Signal/Hazard Relay 2 (sounder)

Check for a sound from the turn signal/hazard relay 2. The relay should sound once when power and ground are connected to terminals No. 2 and No. 1, and terminals No. 3 and No. 1.

