

RELAY INSPECTION

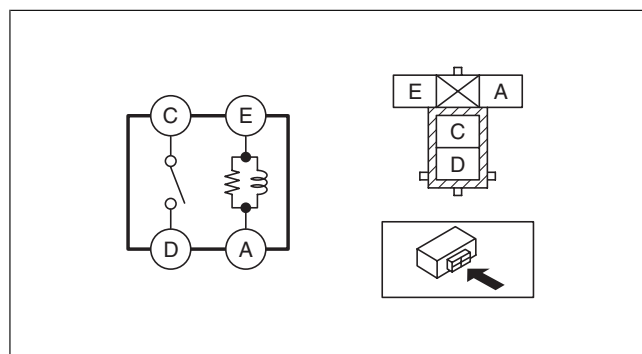
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Relay Type

Connector type	Part name
Type A	<ul style="list-style-type: none"> • TNS relay • Electric AT oil pump relay • A/C relay • Headlight HI relay • Headlight LO relay • Headlight LO relay (LH) • Outlet relay • Horn relay • ACC relay • Cooling fan relay No.1 (SKYACTIV-G 2.0, SKYACTIV-G 2.5) • Cooling fan relay No.2 (SKYACTIV-G 2.0, SKYACTIV-G 2.5) • Headlight LO relay (RH) • Rear window defroster relay • Front fog light relay • Ignition relay (ACC_STAB) • Ignition relay (IG1_STAB)
Type B	<ul style="list-style-type: none"> • Brake light relay • Cooling fan relay No.3 (SKYACTIV-G 2.0, SKYACTIV-G 2.5)
Type C	<ul style="list-style-type: none"> • Blower relay • Cooling fan relay No.2 (SKYACTIV-D 2.2) • Cooling fan relay No.1 (SKYACTIV-D 2.2)
Type D	<ul style="list-style-type: none"> • Fuel injector relay • Fuel pump relay • IG1 relay • Electric variable valve timing relay • Blow-by heater relay • Main relay
Type E	Starter relay

Type A

1. Remove the relay. (See RELAY LOCATION.)
2. Verify the continuity between relay terminals C and D.
 - If there is continuity, replace the relay. (See RELAY LOCATION.)
 - If there is no continuity, go to the next step.
3. Verify the continuity between relay terminals E and A.
 - If there is continuity, go to the next step.
 - If there is no continuity, replace the relay. (See RELAY LOCATION.)
4. Apply battery voltage to relay terminal E, and connect terminal A to ground.
5. Verify the continuity between relay terminals C and D.
 - If there is no continuity, replace the relay. (See RELAY LOCATION.)

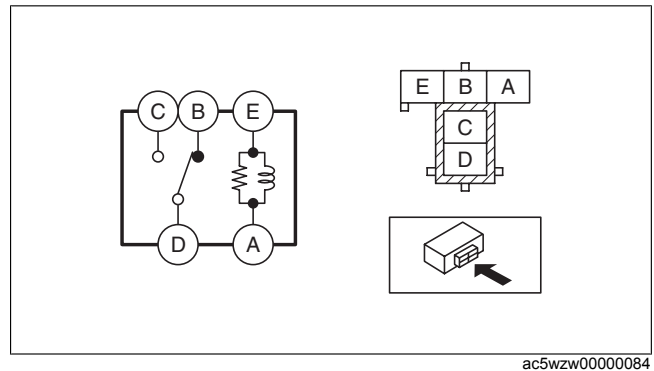


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Type B

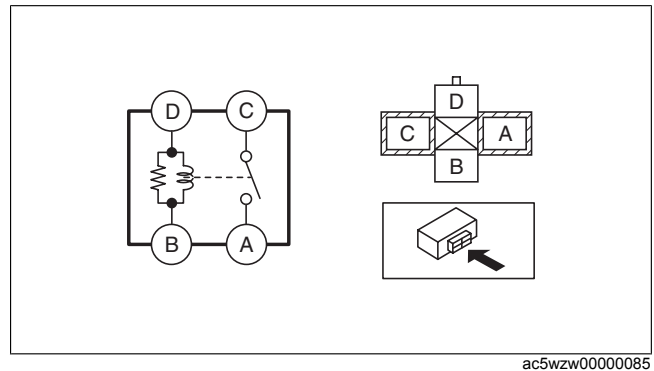
1. Remove the relay. (See RELAY LOCATION.)

2. Verify the continuity between relay terminals C and D.
 - If there is continuity, replace the relay. (See RELAY LOCATION.)
 - If there is no continuity, go to the next step.
3. Verify the continuity between relay terminals E and A.
 - If there is continuity, go to the next step.
 - If there is no continuity, replace the relay. (See RELAY LOCATION.)
4. Verify the continuity between the relay terminals B and D.
 - If there is continuity, go to the next step.
 - If there is no continuity, replace the relay. (See RELAY LOCATION.)
5. Apply battery voltage to relay terminal E, and connect terminal A to ground.
6. Verify the continuity between relay terminals C and D.
 - If there is no continuity, replace the relay. (See RELAY LOCATION.)



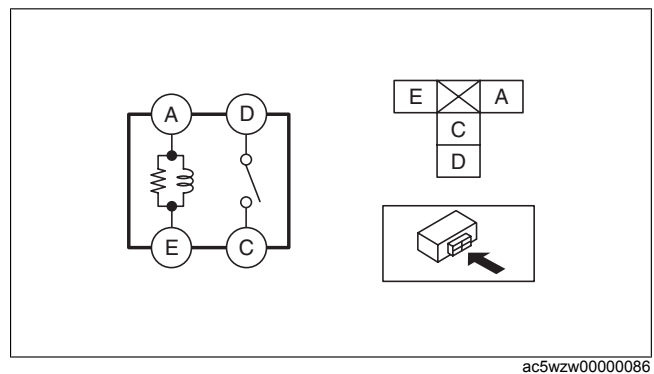
Type C

1. Remove the relay. (See RELAY LOCATION.)
2. Verify the continuity between relay terminals C and D.
 - If there is continuity, replace the relay. (See RELAY LOCATION.)
 - If there is no continuity, go to the next step.
3. Verify the continuity between the relay terminals D and B.
 - If there is continuity, go to the next step.
 - If there is no continuity, replace the relay. (See RELAY LOCATION.)
4. Apply battery voltage to relay terminal D, and connect terminal B to ground.
5. Verify the continuity between relay terminals C and A.
 - If there is no continuity, replace the relay. (See RELAY LOCATION.)



Type D

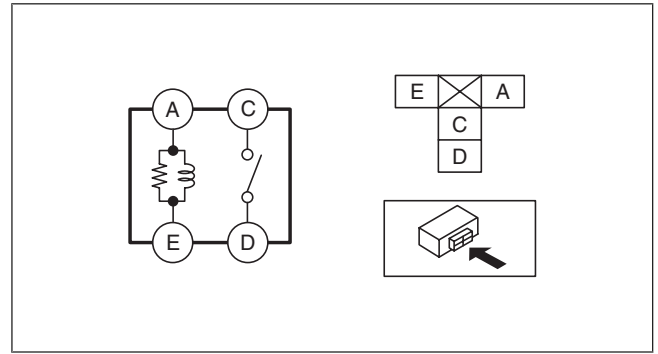
1. Remove the relay. (See RELAY LOCATION.)
2. Verify the continuity between relay terminals D and C.
 - If there is continuity, replace the relay. (See RELAY LOCATION.)
 - If there is no continuity, go to the next step.
3. Verify the continuity between relay terminals A and E.
 - If there is continuity, go to the next step.
 - If there is no continuity, replace the relay. (See RELAY LOCATION.)
4. Apply battery voltage to relay terminal A, and connect terminal E to ground.
5. Verify the continuity between relay terminals D and C.
 - If there is no continuity, replace the relay. (See RELAY LOCATION.)



Type E

1. Remove the relay. (See RELAY LOCATION.)

2. Verify the continuity between relay terminals C and D.
 - If there is continuity, replace the relay. (See RELAY LOCATION.)
 - If there is no continuity, go to the next step.
3. Verify the continuity between relay terminals A and E.
 - If there is continuity, go to the next step.
 - If there is no continuity, replace the relay. (See RELAY LOCATION.)
4. Apply battery voltage to relay terminal A, and connect terminal E to ground.
5. Verify the continuity between relay terminals C and D.
 - If there is no continuity, replace the relay. (See RELAY LOCATION.)



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