

RELAYS

AC089-01

RELAYS INSPECTION

1. INSPECT HEATER MAIN RELAY CONTINUITY

The diagram shows a cross-section of the relay with terminals 1, 2, 3, 4, and 5. Terminal 1 is the coil, terminal 2 is the common, terminal 3 is the normally open (NO) contact, and terminal 4 is the normally closed (NC) contact. Terminal 5 is also shown. A schematic shows the coil connected between terminals 1 and 2, and the NO contact between terminals 3 and 4.

| Terminal | 1 | 2 | 3 | 4 | 5 |
|---|---------|---|---------|---|---------|
| Condition | | | | | |
| Constant | ○ ——— ○ | | ○ ——— ○ | | |
| Apply battery voltage to terminal 1 and 2 | | | ○ ——— ○ | | ○ ——— ○ |

AC2208

V00824

If continuity is not as specified, replace the relay.

2. INSPECT MAGNETIC CLUTCH RELAY CONTINUITY

The diagram shows a cross-section of the relay with terminals 1, 2, 3, and 4. Terminal 1 is the coil, terminal 2 is the common, terminal 3 is the normally open (NO) contact, and terminal 4 is the normally closed (NC) contact. A schematic shows the coil connected between terminals 1 and 2, and the NO contact between terminals 3 and 4.

| Terminal | 1 | 2 | 3 | 4 |
|---|---------|---------|---|---------|
| Condition | | | | |
| Constant | ○ ——— ○ | | | |
| Apply battery voltage to terminals 1 and 3. | | ○ ——— ○ | | ○ ——— ○ |

BE1647 BE1841

V00825

If continuity is not as specified, replace the relay.

3. INSPECT FAN MAIN RELAY

Check the relay the same way as for the Heater Main Relay.

4. INSPECT FAN RELAY NO.1 CONTINUITY

| | | | | | |
|---|-----------|---|---|---|---|
| | Terminal | 1 | 2 | 3 | 5 |
| | Condition | | | | |
| | Constant | ○ | ○ | | |
| Apply battery voltage to terminals 1 and 2. | | | | ○ | ○ |

V00826

If continuity is not as specified, replace the relay.

5. INSPECT FAN RELAY NO.2 CONTINUITY

Check the relay the same way as for the Heater Main Relay.

6. INSPECT FAN RELAY NO.3 CONTINUITY

Check the relay the same way as for the Heater Main Relay.