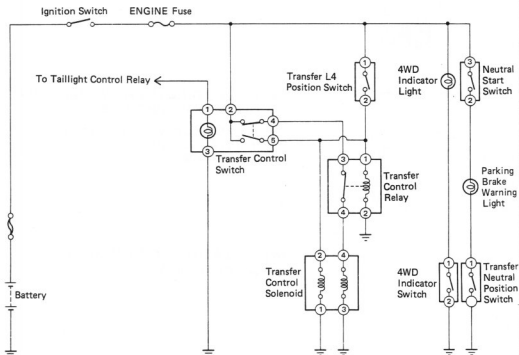


ELECTRICAL SHIFT TYPE Wiring Diagram



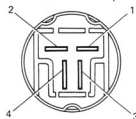
Transfer Control Switch



Transfer L4 Position Switch



Transfer Control Relay



Transfer Control Solenoid

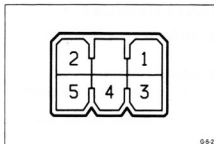


4WD Indicator Switch



Neutral Start Switch

Transfer Neutral
Position Switch



G52

Transfer Control Switch

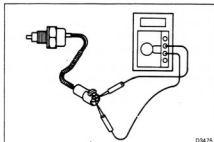
INSPECTION OF TRANSFER CONTROL SWITCH

INSPECT SWITCH CONTINUITY

Inspect the switch continuity between terminals.

Terminal Switch position	2	5	4
ON (H4)			
OFF (H2)			

If continuity is not as specified, replace the switch.



D3475

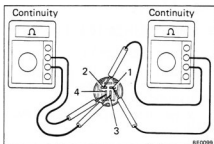
Transfer L4 Position Switch

INSPECTION OF TRANSFER L4 POSITION SWITCH

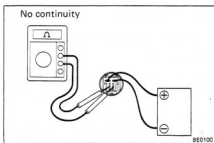
INSPECT SWITCH CONTINUITY

- Check that there is continuity between terminals when the switch is pushed (transfer in "H4" position).
- Check that there is no continuity between terminals when the switch is free (transfer in "H2" position).

If continuity is not as specified, replace the switch..



BE0099



BE0100

Transfer Control Relay

INSPECTION OF TRANSFER CONTROL RELAY

1. INSPECT RELAY CONTINUITY

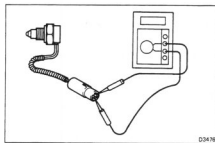
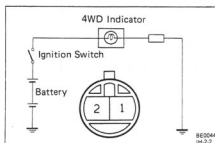
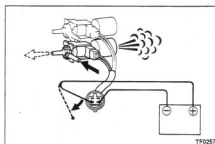
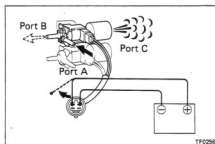
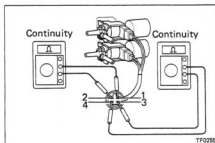
- Check that there is continuity between terminals 1 and 2.
- Check that there is continuity between terminals 3 and 4.
- Check that there is no continuity between terminals 1 and 3.

If continuity is not as specified, replace the relay.

2. INSPECT RELAY OPERATION

Apply the battery voltage across terminals 1 and 2. Check that there is no continuity between terminals 3 and 4.

If operation is not as specified, replace the relay.



Transfer Control Solenoid

INSPECTION OF TRANSFER CONTROL SOLENOID

1. INSPECT SOLENOID CONTINUITY

- Check that there is continuity between terminals 1 and 2.
- Check that there is continuity between terminals 3 and 4.
- Check that there is no continuity between terminals 1 and 3.

If continuity is not as specified, replace the solenoid.

2. INSPECT H2 SOLENOID OPERATION

- Apply the battery voltage across terminals 1 and 2. Check that air flows from port A to port C. Check that air does not flow from port A to port B.
- Check that air flows from port A to port B. Check that air does not flow from port A to port C.

If operation is not as specified, replace the solenoid.

3. INSPECT H4 SOLENOID OPERATION

- Apply the battery voltage across terminals 3 and 4. Check that air flows from port A to port C. Check that air does not flow from port A to port B.
- Check that air flows from port A to port B. Check that air does not flow from port A to port C.

If operation is not as specified, replace the solenoid.

4WD Indicator Light

INSPECTION OF 4WD INDICATOR LIGHT

INSPECT INDICATOR LIGHT OPERATION

- Disconnect the connector from the 4WD indicator switch. Connect terminal 1 of the 4WD indicator switch and body ground.
- Turn the ignition switch or starter switch on. Check that the bulb lights.

If operation is not correct, remove and test the bulb.

4WD Indicator Switch

INSPECTION OF 4WD INDICATOR SWITCH

INSPECT SWITCH CONTINUITY

- Check that there is continuity between terminals when the switch is pushed (transfer is in the "4WD" position).
- Check that there is no continuity between terminals when the switch is free (transfer is not in "4WD" position).

If continuity is not as specified, replace the switch.