

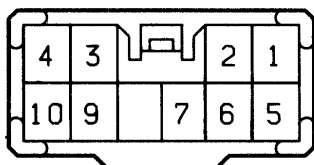
Q02622

## INSPECTION

### 1. INSPECT SHIFT LEVER POSITION

- Start the engine, and turn the center diff lock switch to OFF.
- Check that the center diff indicator light comes on when the transfer shift lever shifted to the "L" position. Check that the light goes off when the lever is shifted to the "N" or "H" position.

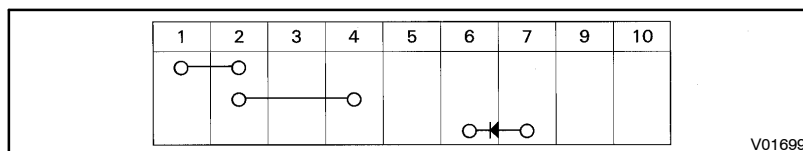
### Relay Side



Z15367

### 2. INSPECT CENTER DIFF LOCK CONTROL RELAY

- Check that there is continuity between the terminals, as shown in the chart.



V01699

### HINT:

There is a diode between the terminals 6 and 7. If the circuit shown no continuity, change the positive (+) and negative (-) probes and recheck the circuit.

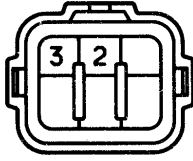
- Apply battery positive voltage between the terminals and check that there is continuity between the terminals, as shown in the chart.

Terminal		1	2	3	4	5	6	7	8	9	10
Battery positive voltage											
⊕	⊖										
6	5	○—○	○—○								
7	2		○—○							○—○	
9	10		○—○	○—○							

○—○ : Continuity  
○×○ : No continuity

V06651

If continuity is not as specified, replace the relay.

**Motor Actuator Side**

IS-6-2

002619

**3. INSPECT MOTOR ACTUATOR**

- (a) Measure the resistance between the terminals 2 and 3.  
**Standard resistance: 0.3 – 100  $\Omega$**
- (b) Measure the resistance between the terminals 2 or 3 and body ground.

**Standard resistance: More than 0.5 M $\Omega$** 

If the resistance value is not as specified, replace the motor actuator.