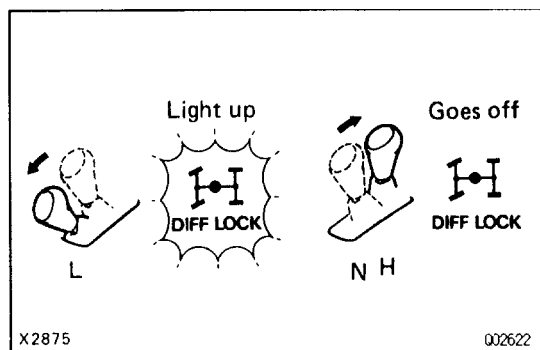
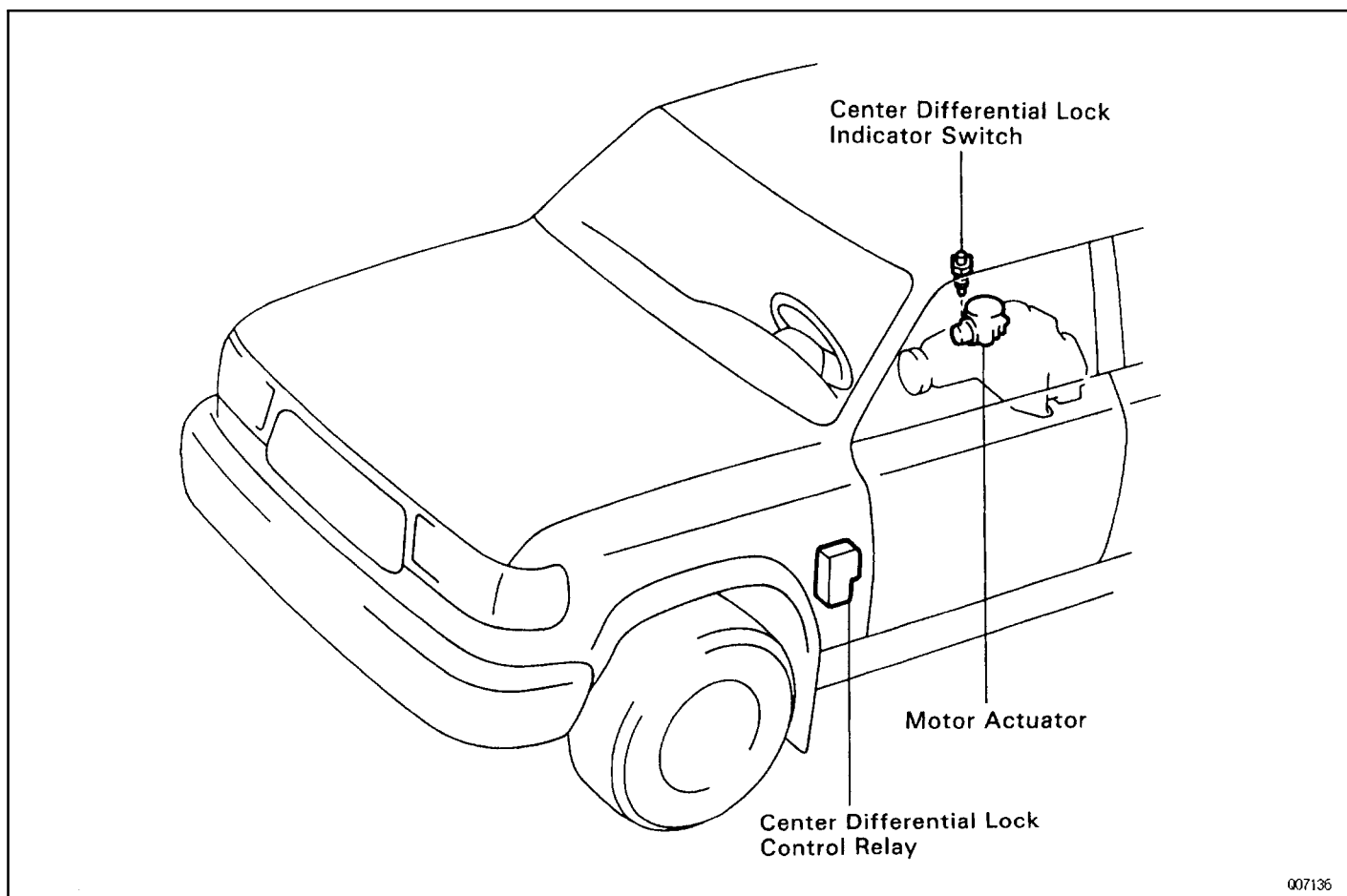


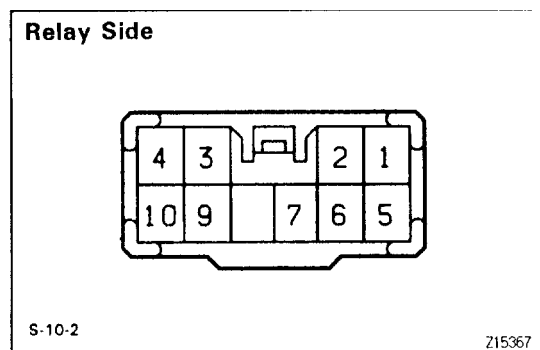
MOTOR SHIFT CONTROL SYSTEM PARTS LOCATION



SYSTEM INSPECTION

INSPECT SHIFT LEVER POSITION

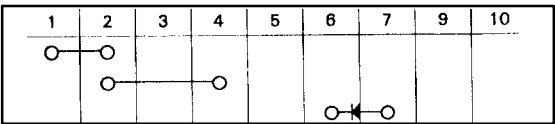
- Start the engine, and center differential lock switch turned to OFF.
- Check that the center differential indicator light comes on when the transfer shift lever shifted to L position. Check that the light goes off when the lever is shifted to N or H position.



PARTS INSPECTION

1. INSPECT CENTER DIFFERENTIAL LOCK CONTROL RELAY

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



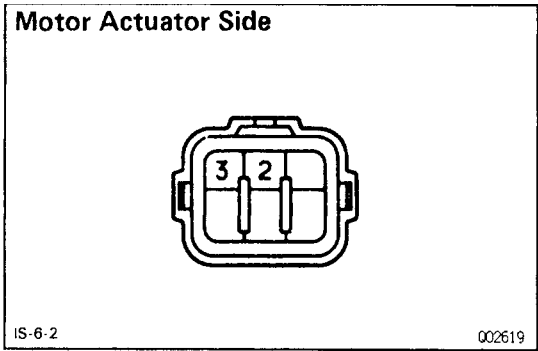
HINT: There is a diode between terminals 6 and 7. If the circuit shown no continuity, change the positive (+) and negative (-) probes and recheck the circuit.

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

Terminal		1	2	3	4	5	6	7	8	9	10
Battery positive voltage											
⊕	⊖										
6	5	O---O	O-X-O								
7	2									O-X-O	
9	10		O-X-O	O---O	O---O						

O---O : Continuity
O-X-O : No continuity

If continuity is not as specified, replace the relay.



2. INSPECT MOTOR ACTUATOR

- (a) Using an ohmmeter, measure the resistance between terminals 2 and 3.

Standard resistance:

0.3-100 Ω

- (b) Using an ohmmeter, measure the resistance between terminals 2 or 3 and body ground.

Standard resistance:

More than 0.5 MΩ

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