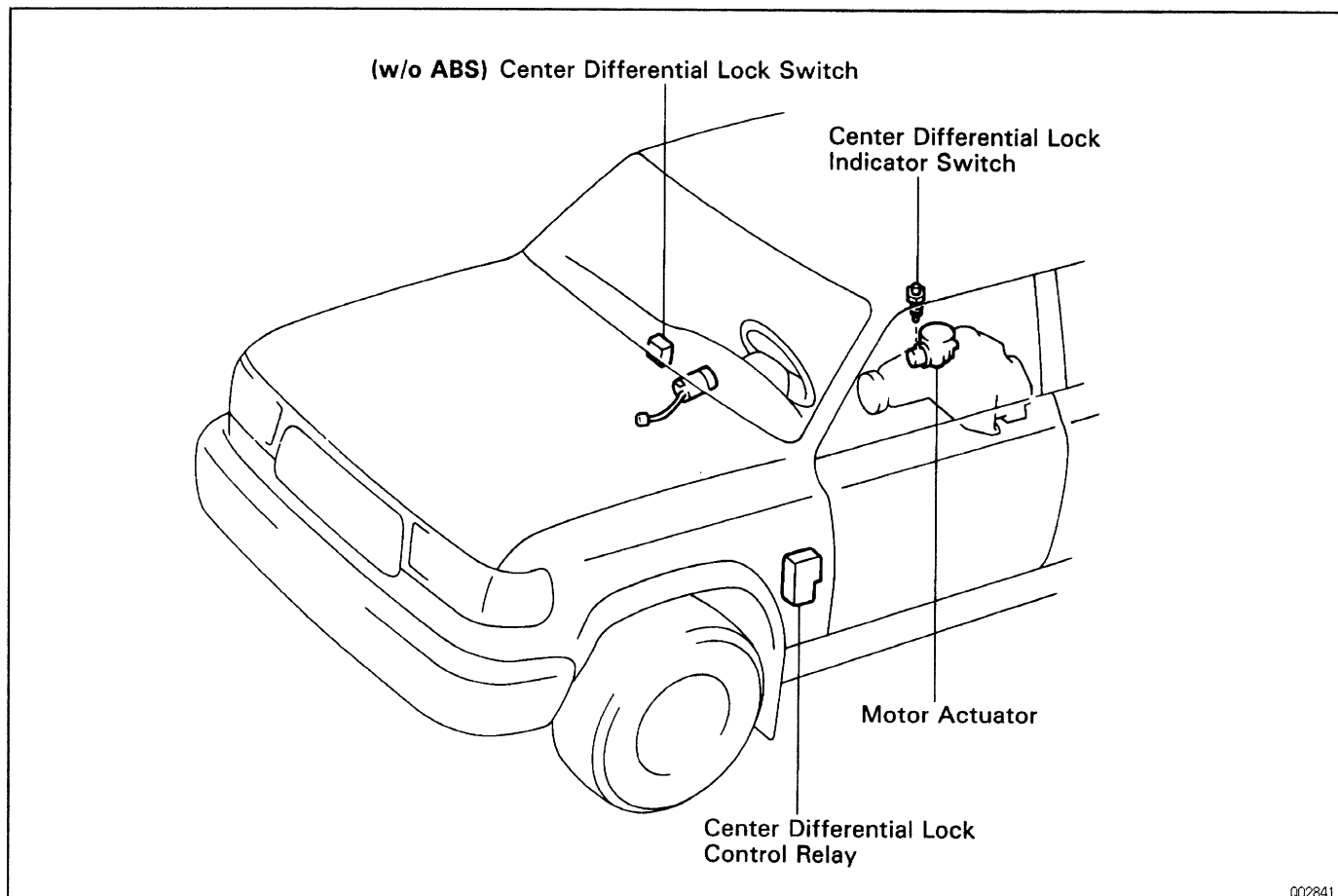
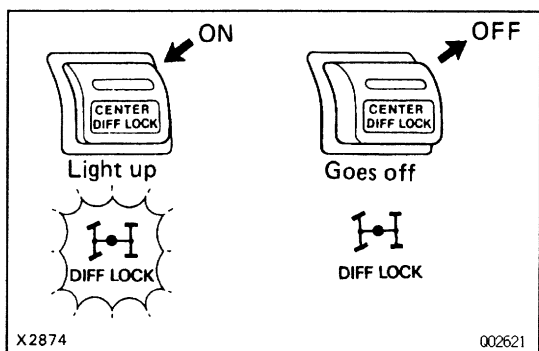


MOTOR SHIFT CONTROL SYSTEM PARTS LOCATION



Q02841

TR024-01



X2874

Q02621

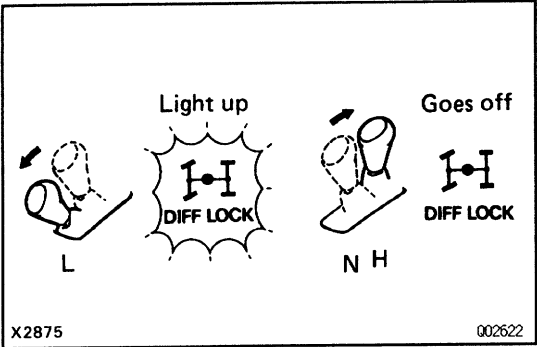
SYSTEM INSPECTION

1. (w/o ABS) INSPECT CENTER DIFFERENTIAL LOCK SWITCH

- Start the engine and shift the transfer shift lever in H position.
- Check that the center differential lock indicator light comes on when the center differential lock switch is turned ON.

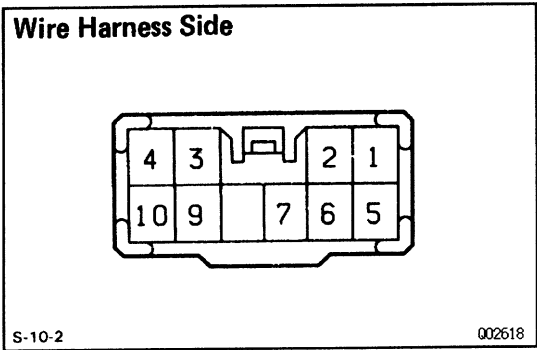
Check that the light goes off when the switch OFF.

HINT: There are times when the light will not go off unless the steering is straight ahead and acceleration and deceleration are performed slowly.



2. INSPECT SHIFT LEVER POSITION

- (a) Start the engine, and center differential lock switch turned to OFF.
- (b) 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

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

1	2	3	4	5	6	7	9	10
○	○		○			○		
	○		○			○		

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.

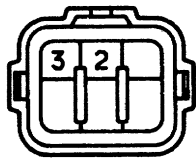
- (b) Apply battery voltage between terminals and check that there is continuity between terminals as shown in the chart.

Terminal		1	2	3	4	5	6	7	8	9	10
Battery voltage											
+	-										
6	5	○	○	○							
7	2									○	○
9	10			○	○						

○ — ○: Continuity
○ — × — ○: No continuity

If continuity is not as specified, replace the relay.

Motor Actuator Side



IS-6-2

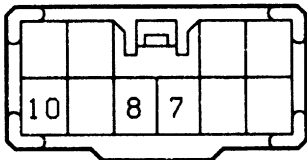
002619

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 Ω

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

Wire Harness Side



S-10-2

002620

3. (w/o ABS) INSPECT CENTER DIFFERENTIAL LOCK SWITCH

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

Terminal Switch position	7	10	8
OFF			
ON			

V01701

If continuity is not as specified, replace the switch.