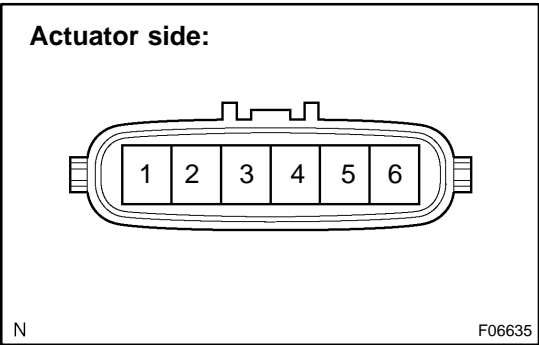


INSPECTION

1. INSPECT A.D.D. ACTUATOR

- (a) Disconnect the actuator connector.



- (b) Measure the resistance between terminals 2 and 6.  
**Standard resistance: 0.3 – 100 Ω**
- (c) Measure the resistance between terminal 2 or 6 and body ground.  
**Standard resistance: More than 0.5 MΩ**

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

2. INSPECT A.D.D. ACTUATOR OPERATION

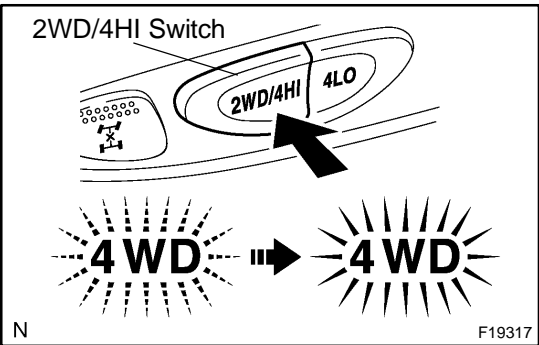
Apply battery positive voltage between terminals 2 and 6, and check the actuator operation by sound, A.D.D. status and continuity between terminals 3 and 4.

Battery voltage applied terminal	3 – 4 terminals continuity	A.D.D. status
2 (+) – 6 (–)	Continuity	Connected
2 (–) – 6 (+)	No continuity	Disconnected

If the operation is not as specified, replace the actuator assembly.

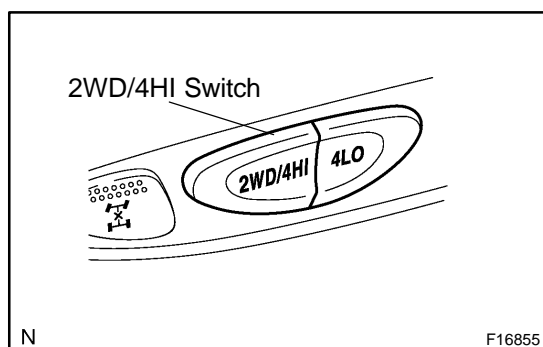
3. INSPECT LIMIT SWITCH CONTINUITY

- (a) Connect the actuator connector.
- (b) Push the 2WD/4HI switch and check that the 4WD indicator light comes on after it is blinking.
- (c) Check the A.D.D. actuator operation by sound.
- (d) Disconnect the actuator connector.
- (e) Check the continuity between each terminal, as shown in the chart.



Tester connected terminal number	Specified condition
1 – 3	No continuity
1 – 4	No continuity
3 – 5	Continuity
4 – 5	No continuity

- (f) Connect the actuator connector.



- (g) Push the 2WD/4HI switch and check that the 4WD indicator light goes off after it is blinking.
- (h) Check the A.D.D. actuator operation by sound.
- (i) Disconnect the actuator connector.
- (j) Check the continuity between each terminal, as shown in the chart.

Tester connected terminal number	Specified condition
1 – 3	Continuity
1 – 4	No continuity
3 – 5	No continuity
4 – 5	No continuity

- (k) Connect the actuator connector.

#### 4. INSPECT TRANSFER 4WD POSITION SWITCH (See page [TR-14](#))

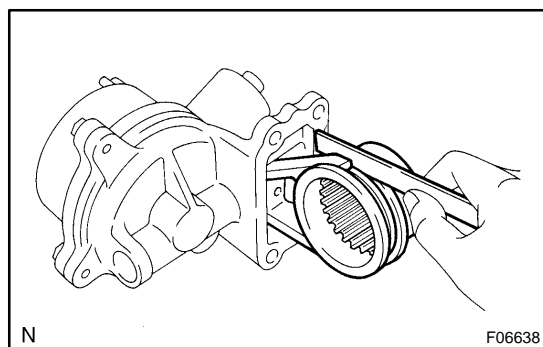
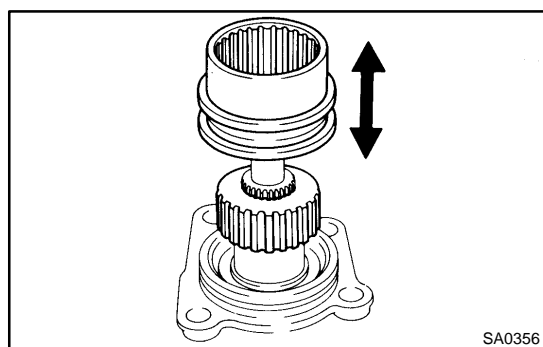
#### 5. REMOVE A.D.D. ACTUATOR (See page [SA-41](#))

#### 6. INSPECT CLUTCH HUB AND CLUTCH SLEEVE

- (a) Check the clutch hub and clutch sleeve for wear and damage.

If necessary, replace them.

- (b) Check that clutch sleeve slides smoothly on the clutch hub.



#### 7. MEASURE SLEEVE FORK AND CLUTCH SLEEVE CLEARANCE

Using a feeler gauge, measure the clearance between the sleeve fork and clutch sleeve.

**Maximum clearance: 0.35 mm (0.0138 in.)**

If the clearance exceeds the maximum, replace the fork or sleeve.