

PROCEDURE

1.INSPECT SPIRAL CABLE SUB-ASSEMBLY

84306

NOTICE:

As the spiral cable sub-assembly may break, do not rotate the spiral cable sub-assembly more than the specified amount.

- a. Visually check for defects with the spiral cable sub-assembly.

- i. The defects are as follows:

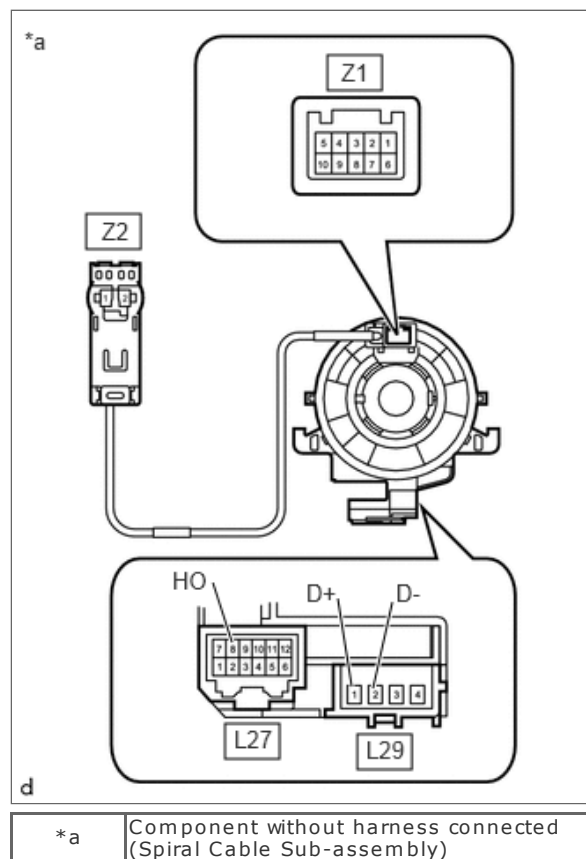
- Scratches
- Small cracks
- Dents
- Chips
- Cracks or other damage to the connector

OK:

No defects are found.

If any of the defects is found, replace the spiral cable sub-assembly with a new one.

- b.



Check the spiral cable.

- i. Set the spiral cable sub-assembly to the center position.

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- ii. Measure the resistance between each terminal of the spiral cable sub-assembly according to the table below.

Standard Resistance:

Tester Connection	Condition	Specified Condition
L29-1 (D+) - z2-2	Always	3 Ω or less

Tester Connection	Condition	Specified Condition
L29-2 (D-) - z2-1		
L27-8 (HO) - z1-1		

- iii. After setting the spiral cable sub-assembly to the center position, rotate the spiral cable sub-assembly 2.5 times clockwise, and measure the resistance as shown in the table below. Then rotate the spiral cable sub-assembly 5 times counterclockwise, and measure the resistance as shown in the table below.

Standard Resistance:

Tester Connection	Condition	Specified Condition
L29-1 (D+) - z2-2	Always	3 Ω or less
L29-2 (D-) - z2-1		
L27-8 (HO) - z1-1		

- iv. After setting the spiral cable sub-assembly to the center position, rotate the spiral cable sub-assembly 2.5 times clockwise. Then while rotating the spiral cable sub-assembly 5 times counterclockwise, measure the resistance as shown in the table below.

Standard Resistance:

Tester Connection	Condition	Specified Condition
L29-1 (D+) - z2-2	Always	3 Ω or less
L29-2 (D-) - z2-1		
L27-8 (HO) - z1-1		

If the result is not as specified, replace the spiral cable sub-assembly.