

INSPECTION

1. INSPECT SPIRAL CABLE

- (a) If there are any defects as mentioned below, replace the spiral cable with a new one:

Scratches, cracks, dents or chips on the connector or the spiral cable.

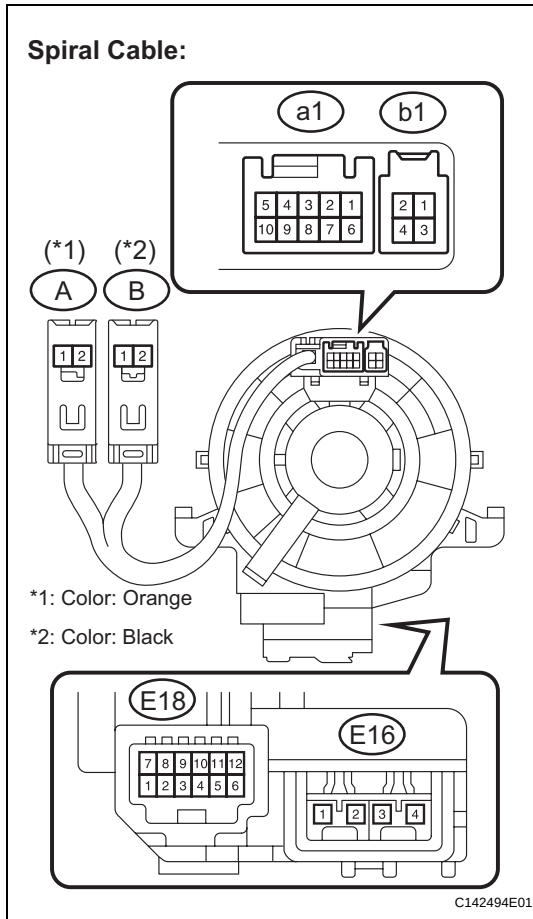
- (b) Inspect the spiral cable.

- (1) Measure the resistance according to the value(s) in the table below.

NOTICE:

To avoid breakage of the spiral cable, do not turn the spiral cable more than necessary.

Standard resistance



Tester connection	Condition	Specified condition
a1-1 - b1-2	Center	Below 1 Ω
	2.5 rotations to the left	
	2.5 rotations to the right	
a1-1 - E18-8 (HO)	Center	Below 1 Ω
	2.5 rotations to the left	
	2.5 rotations to the right	
a1-2 - E18-9 (EAC)	Center	Below 1 Ω
	2.5 rotations to the left	
	2.5 rotations to the right	
a1-3 - E18-10 (AC1)	Center	Below 1 Ω
	2.5 rotations to the left	
	2.5 rotations to the right	
a1-5 - E18-12 (IL+2)	Center	Below 1 Ω
	2.5 rotations to the left	
	2.5 rotations to the right	
a1-6 - b1-4	Center	Below 1 Ω
	2.5 rotations to the left	
	2.5 rotations to the right	
a1-6 - E18-2 (ECC)	Center	Below 1 Ω
	2.5 rotations to the left	
	2.5 rotations to the right	
a1-7 - E18-3 (+DP)	Center	Below 1 Ω
	2.5 rotations to the left	
	2.5 rotations to the right	
a1-8 - E18-4 (EAU)	Center	Below 1 Ω
	2.5 rotations to the left	
	2.5 rotations to the right	
a1-9 - E18-5 (AU2)	Center	Below 1 Ω
	2.5 rotations to the left	
	2.5 rotations to the right	
a1-10 - E18-6 (AU1)	Center	Below 1 Ω
	2.5 rotations to the left	
	2.5 rotations to the right	
b1-2 - E18-8 (HO)	Center	Below 1 Ω
	2.5 rotations to the left	
	2.5 rotations to the right	

Tester connection	Condition	Specified condition
b1-3 - E18-1 (CCS)	Center	Below 1 Ω
	2.5 rotations to the left	
	2.5 rotations to the right	
b1-4 - E18-2 (ECC)	Center	Below 1 Ω
	2.5 rotations to the left	
	2.5 rotations to the right	
A-1 (D-) - E16-2 (D-)	Center	Below 1 Ω
	2.5 rotations to the left	
	2.5 rotations to the right	
A-2 (D+) - E16-1 (D+)	Center	Below 1 Ω
	2.5 rotations to the left	
	2.5 rotations to the right	
B-1 (D2-) - E16-3 (D2-)	Center	Below 1 Ω
	2.5 rotations to the left	
	2.5 rotations to the right	
B-2 (D2+) - E16-4 (D2+)	Center	Below 1 Ω
	2.5 rotations to the left	
	2.5 rotations to the right	

If the value is not within the specified range, replace the spiral cable.

INSTALLATION

1. INSTALL SPIRAL CABLE

- Engage the 6 claws and 2 pins, and install the spiral cable to the steering angle sensor.

2. INSTALL SPIRAL CABLE WITH STEERING ANGLE SENSOR

- Check that the front wheels are facing straight ahead.
- Set the turn signal switch to the neutral position.

NOTICE:

If it is not in the neutral position, the pin of the turn signal switch may be snapped.

- Engage the 3 claws and install the spiral cable with steering angle sensor.

NOTICE:

When replacing the spiral cable with a new one, remove the lock pin before installing the steering wheel assembly.

- Connect the connectors to the spiral cable with steering angle sensor.

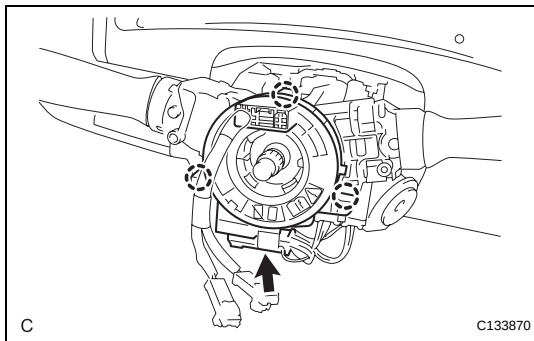
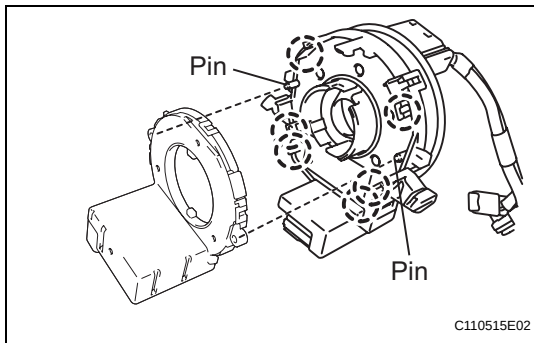
NOTICE:

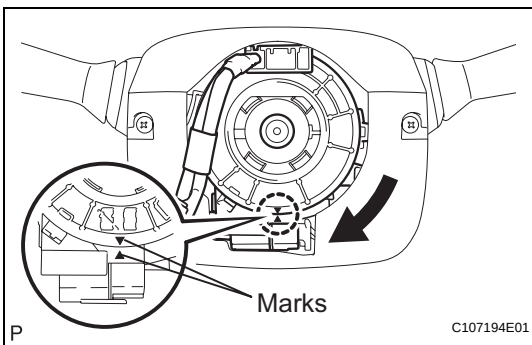
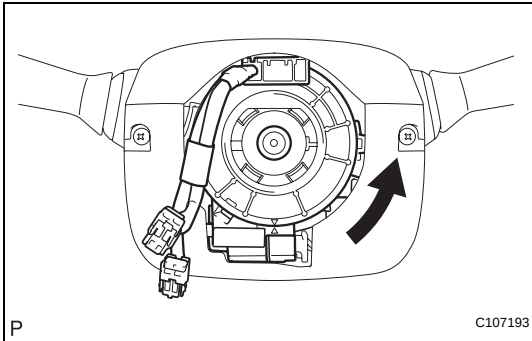
When handling the airbag connector, take care not to damage the airbag wire harness.

3. INSTALL STEERING COLUMN COVER (See page [SR-41](#))

4. ADJUST SPIRAL CABLE

- Check that the power switch is turned off.





- (b) Check that the battery negative (-) cable is disconnected.

CAUTION:

Wait for 90 seconds after disconnecting the cable to prevent airbag deployment.

- (c) Rotate the spiral cable counterclockwise slowly by hand until it feels firm.

NOTICE:

Do not turn the spiral cable by the airbag wire harness.

- (d) Rotate the spiral cable clockwise approximately 2.5 turns to align the marks.

NOTICE:

Do not turn the spiral cable by the airbag wire harness.

HINT:

The spiral cable will rotate approximately 2.5 turns to both the left and right from the center.

5. **INSTALL STEERING WHEEL ASSEMBLY** (See page [SR-42](#))
6. **INSPECT STEERING WHEEL CENTER POINT**
7. **INSTALL STEERING PAD** (See page [RS-346](#))
8. **INSTALL NO. 3 LOWER STEERING WHEEL COVER** (See page [RS-347](#))
9. **INSTALL NO. 2 LOWER STEERING WHEEL COVER** (See page [RS-347](#))
10. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
11. **PERFORM INITIALIZATION**
 - (a) Perform initialization (See page [IN-43](#)).

NOTICE:
Some systems need initialization after reconnecting the cable to the negative battery terminal.
12. **INSPECT STEERING PAD** (See page [RS-347](#))
13. **INSPECT SRS WARNING LIGHT**
 - (a) Inspect the SRS warning light (See page [RS-33](#)).