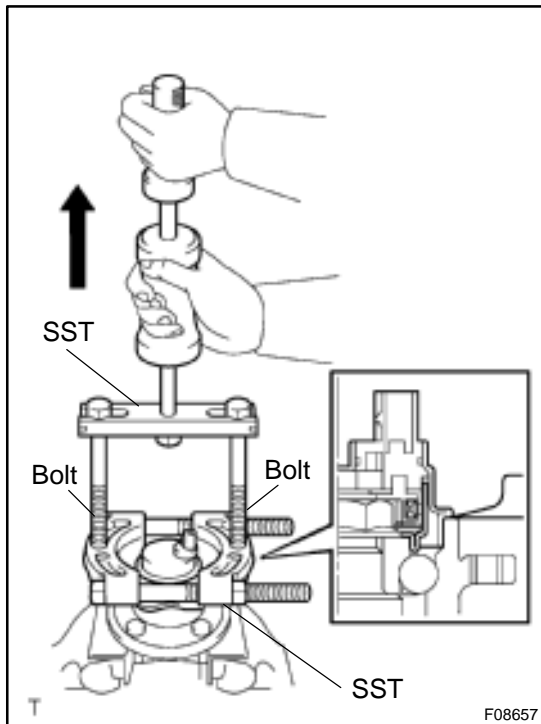


REPLACEMENT

1. REPLACE FRONT SPEED SENSOR

- (a) Remove the front wheel.
 - (b) Disconnect the front speed sensor connector.
 - (c) Remove the front speed sensor with the front axle hub (See page SA-9).
 - (d) Remove the front speed sensor.
 - (1) Using a pin punch and a hammer, tap out the 2 pins and remove the 2 attachments from SST.
- SST 09520-00031



- (2) Mount the rear axle hub in a soft jaw vise.

NOTICE:

Replace the axle hub assembly if it is dropped or a strong shock is given to it.

- (3) Using SST and 2 bolts (Diameter: 12 mm, Pitch: 1.5 mm), remove the speed sensor.

SST 09520-00031 (09520-00040, 09521-00020), 09950-00020

NOTICE:

- If the sensor rotor is damaged, replace the axle hub assembly.
- Do not scratch the contacting surface of axle hub and speed sensor.

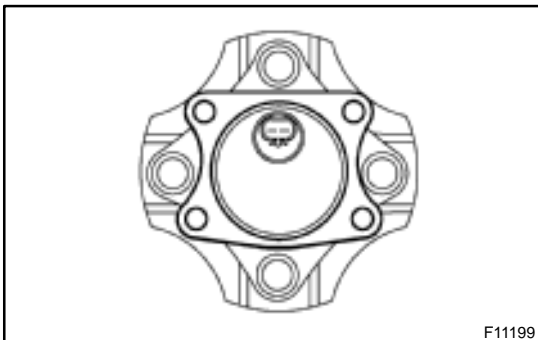
- (e) Install a new front speed sensor.

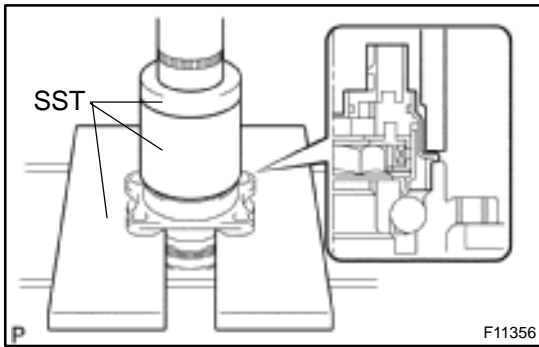
- (1) Clean the contacting surface of the axle hub and a new speed sensor.

NOTICE:

Take care not to stick any foreign objects to the sensor rotor.

- (2) Place the speed sensor on the axle hub so that the connector makes the most downward position under the on-vehicle condition.



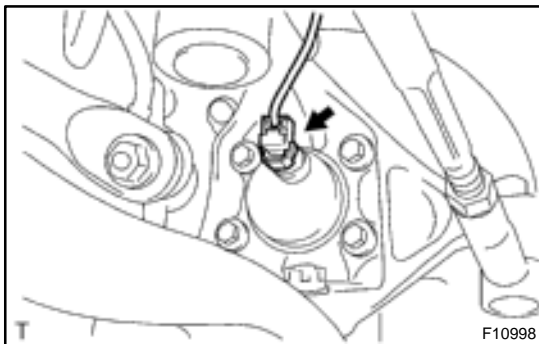


- (3) Using SST and a press, install the speed sensor to the axle hub.

SST 09527-10011, 09710-04101, 09950-60020
(09951-00680)

NOTICE:

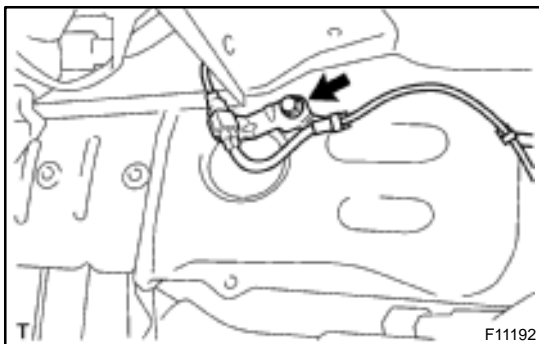
- Do not tap the speed sensor with a hammer directly.
 - Check that the speed sensor detection portion is free from foreign objects.
 - Press in the speed sensor straight and slowly.
- (f) Install the front speed sensor with the front axle hub (See page SA-13).
- (g) Connect the front speed sensor connector.
- (h) Install the front wheel.
Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)
- (i) Check the speed sensor signal (See page DI-154).



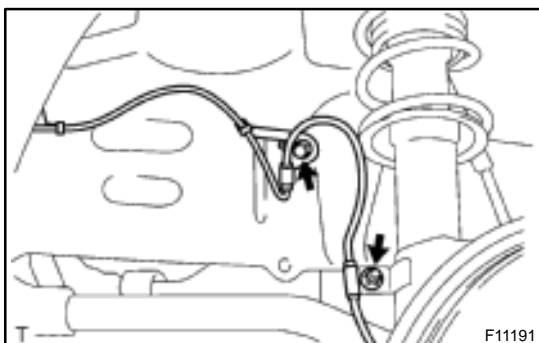
2. LH SIDE:

REPLACE FRONT SPEED SENSOR SUB-WIRE

- (a) Disconnect the sensor connector from the speed sensor.
(b) Remove the fender liner.

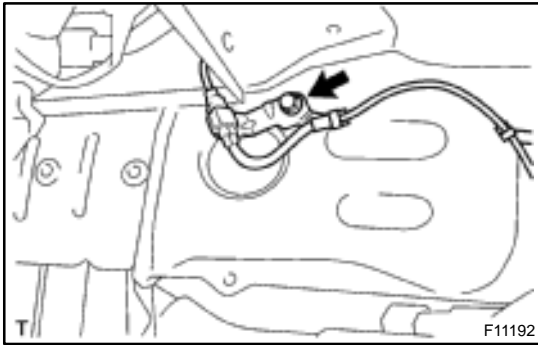


- (c) Remove the clamp bolt.
(d) Disconnect the speed sensor sub-wire connector.

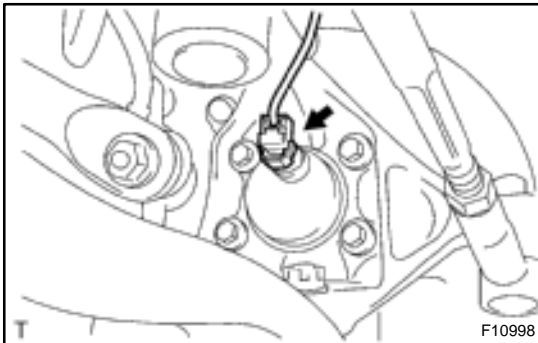


- (e) Remove the 2 clamp bolts and speed sensor sub-wire.
(f) Install the 2 clamps of a new speed sensor wire with the 2 bolts.

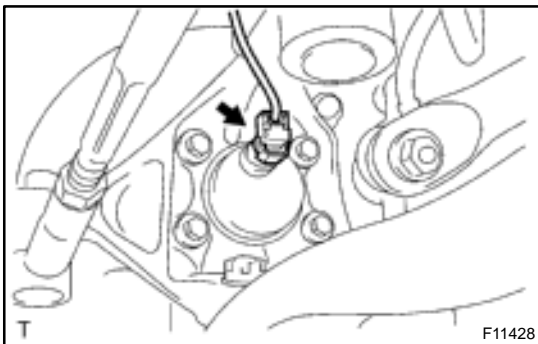
Torque: 5.0 N·m (51 kgf·cm, 44 in.-lbf)



- (g) Install the clamp with the bolt.
Torque: 5.0 N·m (51 kgf·cm, 44 in.-lbf)
- (h) Connect the front speed sensor connector.
- (i) Install the fender liner.



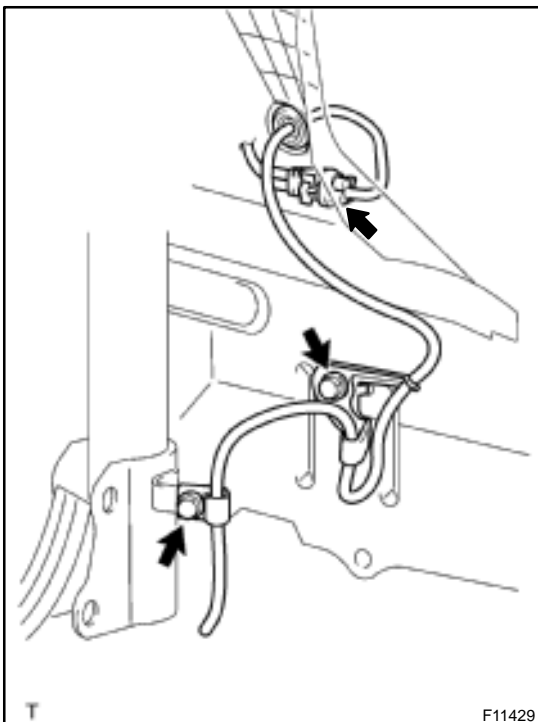
- (j) Connect sensor connector to the speed sensor.
- (k) Check the speed sensor signal (See page [DI-154](#)).



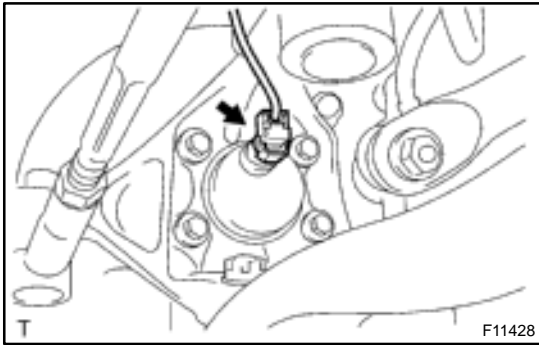
3. RH SIDE:

REPLACE FRONT SPEED SENSOR SUB-WIRE

- (a) Disconnect the sensor connector from the speed sensor.
- (b) Remove the fender liner.



- (c) Disconnect the speed sensor sub-wire connector.
- (d) Remove the 2 clamp bolts and speed sensor sub-wire.
- (e) Install the 2 clamps of a new speed sensor wire with the 2 bolts.
Torque: 5.0 N·m (51 kgf·cm, 44 in.-lbf)
- (f) Connect the front speed sensor connector to the sub-wire connector.
- (g) Install the fender liner.



- (h) Connect the sensor connector to the speed sensor.
- (i) Check the speed sensor signal (See page [DI-154](#)).