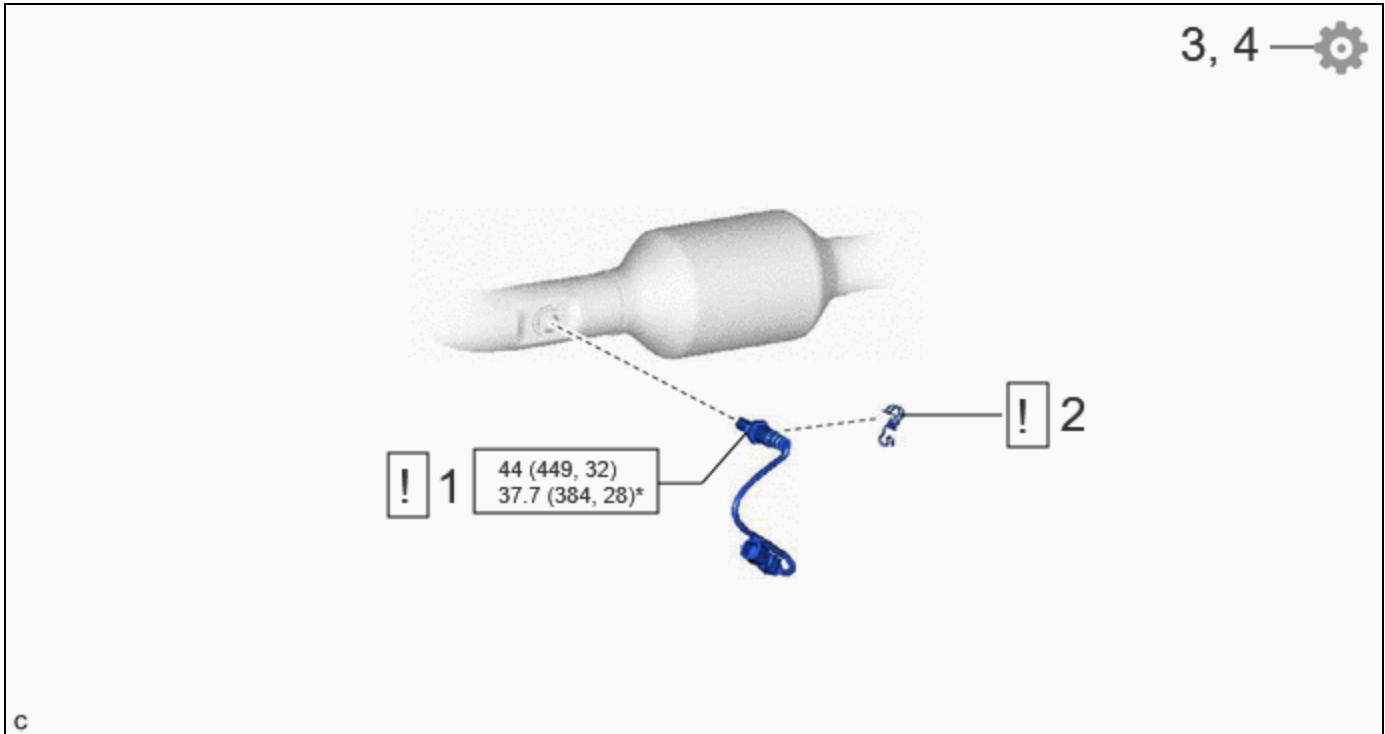


Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000029ZLQ
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: M20A-FXS (ENGINE CONTROL): AIR FUEL RATIO SENSOR (for Sensor 2): INSTALLATION; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

INSTALLATION

CAUTION / NOTICE / HINT

COMPONENTS (INSTALLATION)

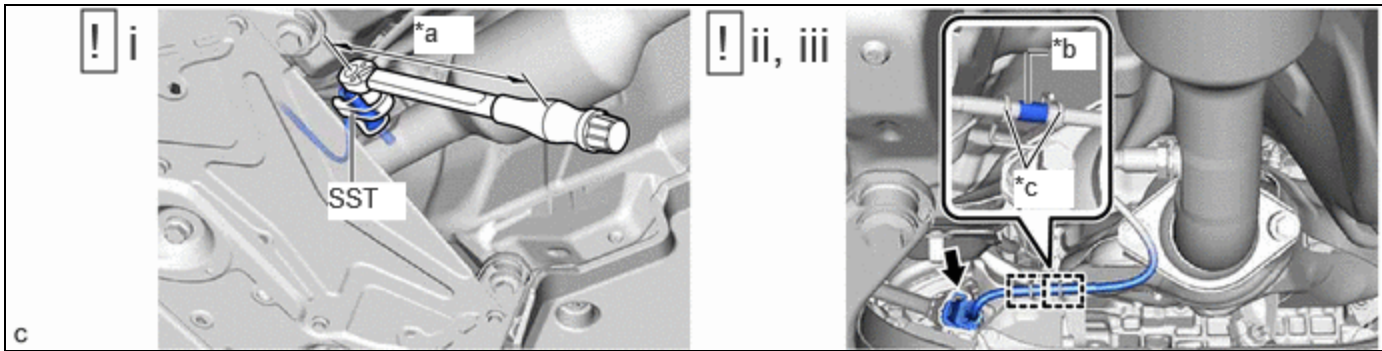


PROCEDURE		PART NAME CODE			
1	AIR FUEL RATIO SENSOR	89467C	INFO	-	-
2	WIRING HARNESS CLAMP BRACKET	82715W	INFO	-	-
3	INSPECT FOR EXHAUST GAS LEAK	-	-	-	INFO
4	PERFORM INITIALIZATION	-	-	-	INFO

	N*m (kgf*cm, ft.*lbf): Specified torque	* For use with SST
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PROCEDURE

1. INSTALL AIR FUEL RATIO SENSOR



*a	Torque Wrench Fulcrum Length	*b	Tube
*c	Wire Harness Clamp	-	-

(1) Using SST, install the air fuel ratio sensor to the front exhaust pipe assembly.

SST: 09224-00012

Torque:

Specified tightening torque :
44 N·m {449 kgf·cm, 32 ft·lbf}

NOTICE:

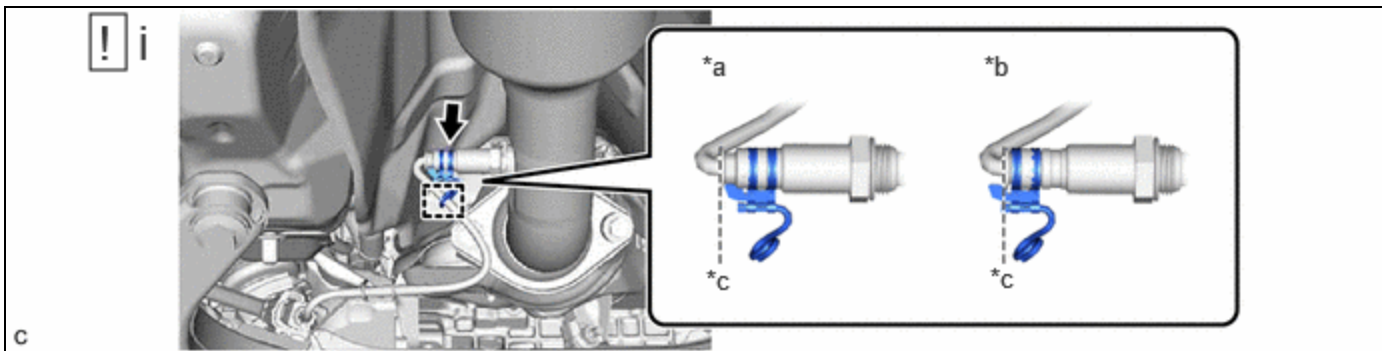
If the air fuel ratio sensor has been struck or dropped, replace it.

HINT:

- Calculate the torque wrench reading when changing the fulcrum length of the torque wrench.
[Click here](#) INFO
- When using SST (fulcrum length of 30 mm (1.18 in.)) + torque wrench (fulcrum length of 180 mm (7.09 in.)):
 37.7 N*m (384 kgf*cm, 28 ft.*lbf)

(2) Engage the 2 wire harness clamps so that the tube is positioned as shown in the illustration.
 (3) Connect the air fuel ratio sensor connector.

2. INSTALL WIRING HARNESS CLAMP BRACKET



*a	Correct	*b	Incorrect
*c	Standard Position	-	-

(1) Install the wire harness clamp bracket to the air fuel ratio sensor.

NOTICE:

Align the edge of the wire harness clamp bracket and air fuel ratio sensor as shown in the illustration.

3. INSPECT FOR EXHAUST GAS LEAK

Click here [INFO](#)

4. PERFORM INITIALIZATION

(a) Perform "Inspection After Repair" after replacing the air fuel ratio sensor.

Click here [INFO](#)

