

Your Ultimate Source for OEM Repair Manuals

FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

2014 Lexus CT 200h Service and Repair Manual

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6.3 N·m {64 kgf·cm, 56 in·lbf}

NOTICE:

Align the hose clamp at the locations shown in the illustration.

(2) Connect the No. 2 air hose and slide the hose clip to secure it.

NOTICE:

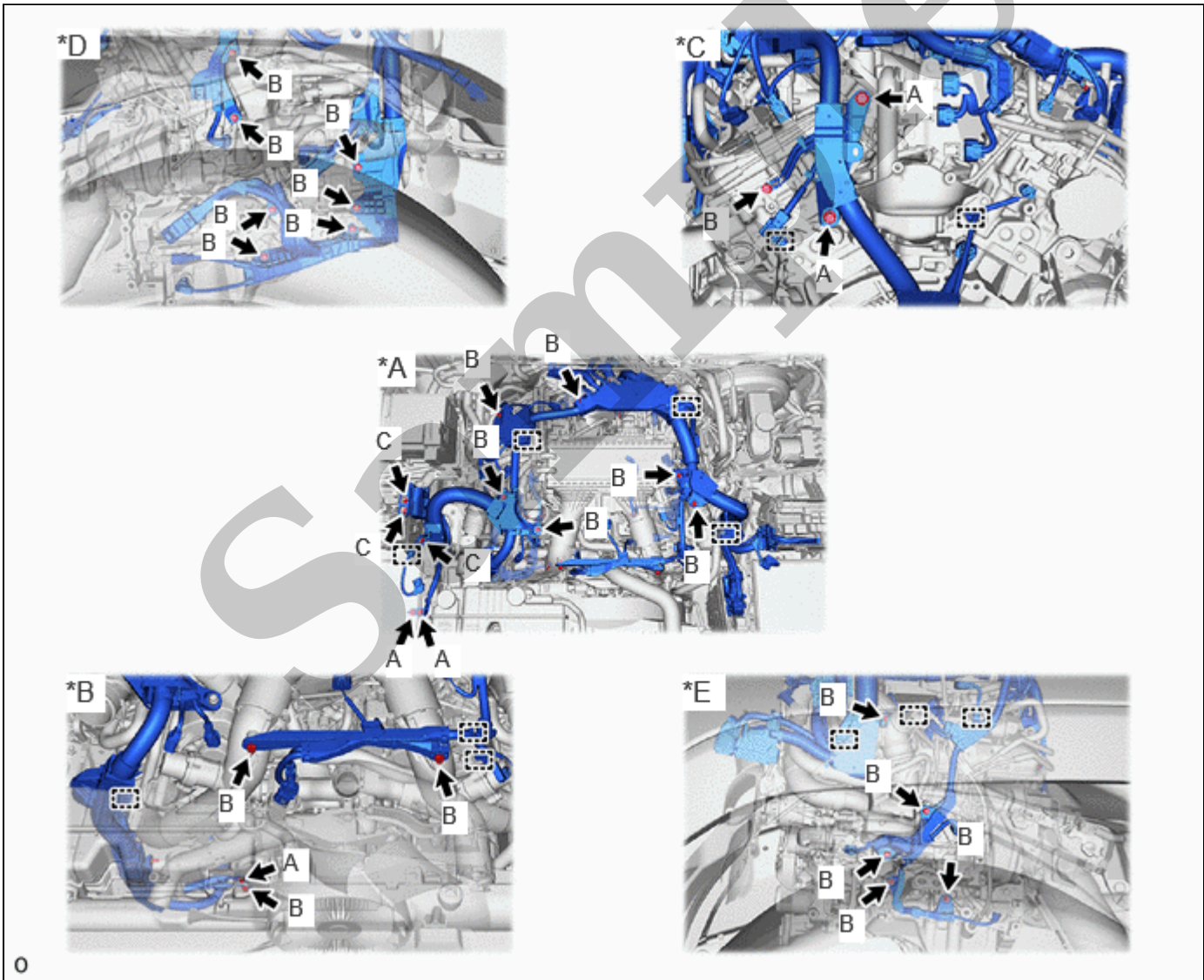
Align the hose clip at the locations shown in the illustration.

(3) Connect the connector.

9. INSTALL COOLING FAN WIRE

	Click here INFO
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10. CONNECT ENGINE WIRE



*A	for Upper Side	*B	for Front Side
*C	for Rear Side	*D	for RH Side
*E	for LH Side	-	-

Torque:

for bolt A :

15. INSTALL V-BANK COVER SUB-ASSEMBLY**16. INSTALL COWL TOP VENTILATOR LOUVER SUB-ASSEMBLY**

Click here [INFO](#)

17. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Click here [INFO](#)

18. INITIALIZATION AFTER RECONNECTING BATTERY TERMINAL**HINT:**

When disconnecting and reconnecting the battery, there is an automatic learning function that completes learning when the respective system is used.

Click here [INFO](#)

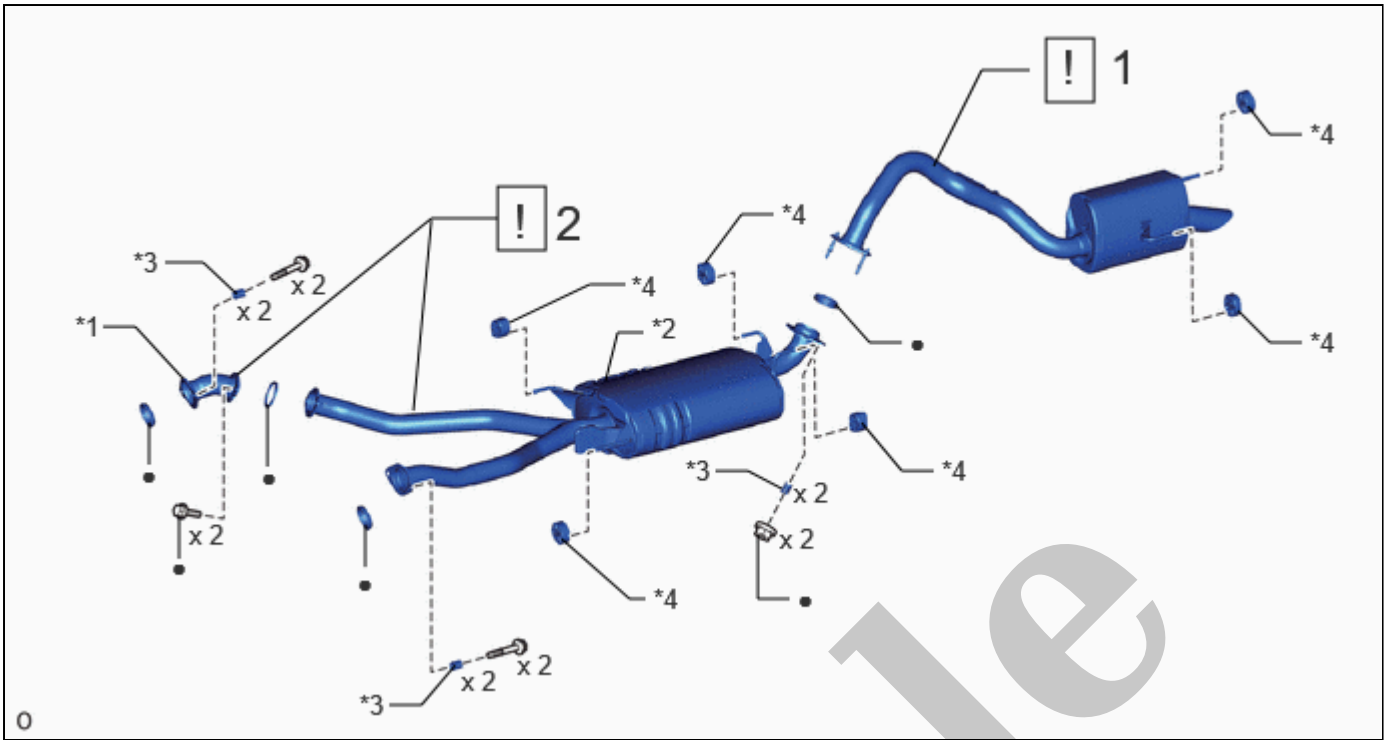
19. ADD COOLANT (for Intercooler)

Click here [INFO](#)

20. INSPECT FOR COOLANT LEAK (for Intercooler)

Click here [INFO](#)

Sample



PROCEDURE		PART NAME CODE			
1	TAIL EXHAUST PIPE ASSEMBLY	17430	INFO	-	-
2	FRONT AND CENTER EXHAUST PIPE ASSEMBLY	-	INFO	-	-

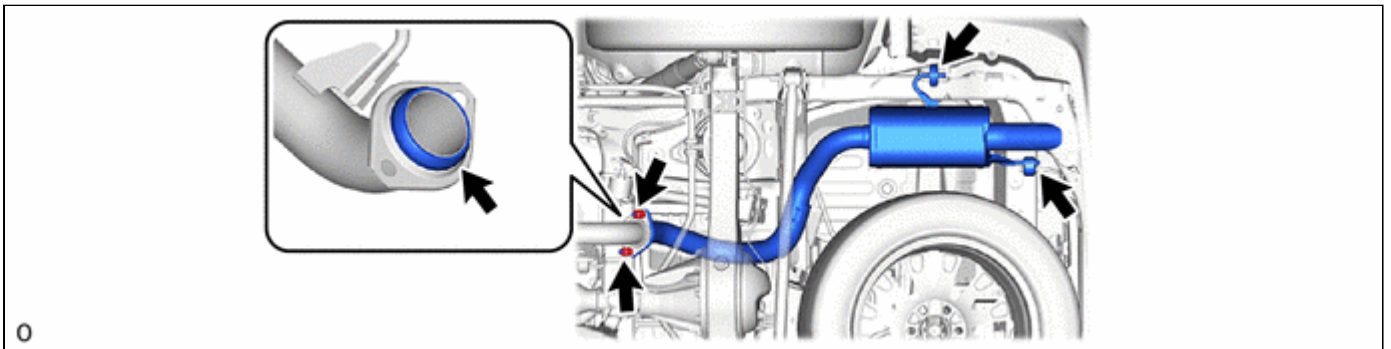
*1	FRONT EXHAUST PIPE ASSEMBLY	*2	CENTER EXHAUST PIPE ASSEMBLY
*3	COMPRESSION SPRING	*4	EXHAUST PIPE SUPPORT
•	Non-reusable part	-	-

PROCEDURE

1. REMOVE TAIL EXHAUST PIPE ASSEMBLY

CAUTION:

To prevent burns, do not touch the engine, exhaust pipe or other high temperature components while the engine is hot.



Last Modified: 10-07-2024	6.11:8.1.0	Doc ID: RM100000002HYPU
Model Year Start: 2024	Model: GX550	Prod Date Range: [12/2023 -]
Title: V35A-FTS (INTAKE / EXHAUST): EXHAUST PIPE: INSTALLATION; 2024 MY GX550 [12/2023 -]		

INSTALLATION

CAUTION / NOTICE / HINT

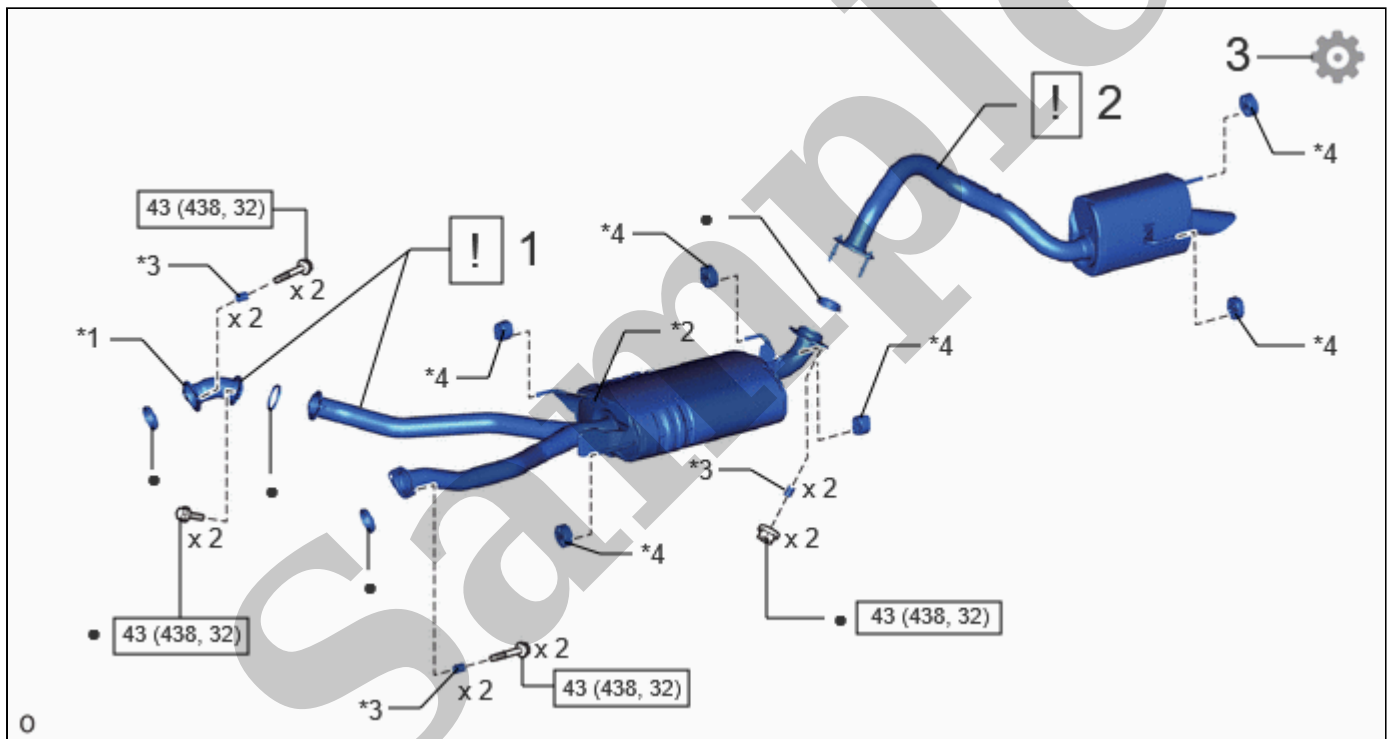
NOTICE:

Perform "Inspection After Repair" after repairing an exhaust gas leak.

Click here [INFO](#)

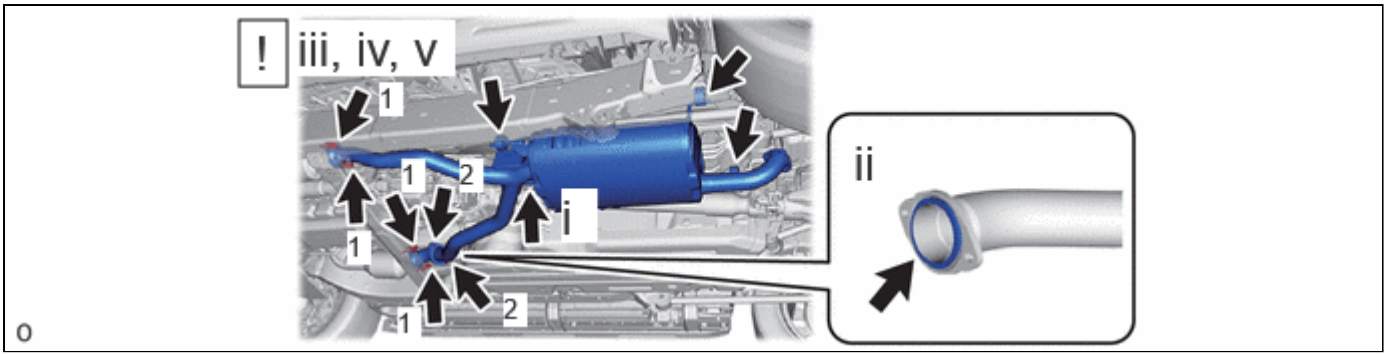
CAUTION / NOTICE / HINT

COMPONENTS (INSTALLATION)



PROCEDURE		PART NAME CODE			
1	FRONT AND CENTER EXHAUST PIPE ASSEMBLY	-	INFO	-	-
2	TAIL EXHAUST PIPE ASSEMBLY	17430	INFO	-	-
3	INSPECT FOR EXHAUST GAS LEAK	-	-	-	INFO

*1	FRONT EXHAUST PIPE ASSEMBLY	*2	CENTER EXHAUST PIPE ASSEMBLY
*3	COMPRESSION SPRING	*4	EXHAUST PIPE SUPPORT



- (1) Install the center exhaust pipe assembly to the 4 exhaust pipe supports.
- (2) Install a new gasket to the center exhaust pipe assembly.

NOTICE:

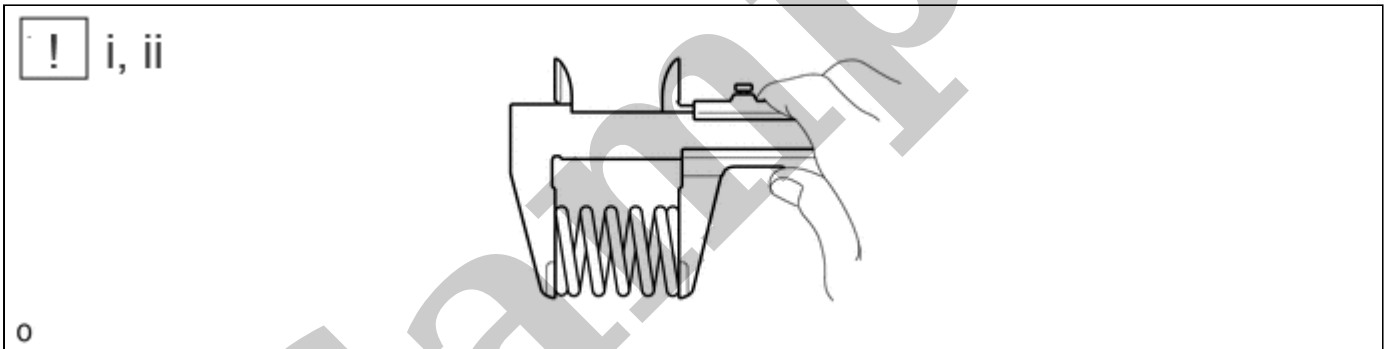
Do not reuse the gaskets.

- (3) Temporarily install the front exhaust pipe assembly to the center exhaust pipe assembly with 2 new bolts.
- (4) Temporarily install the front exhaust pipe assembly and center exhaust pipe assembly to the converter assembly RH and converter assembly LH with the 4 compression springs and 4 bolts.
- (5) Tighten the 6 bolts in the order shown in the illustration.

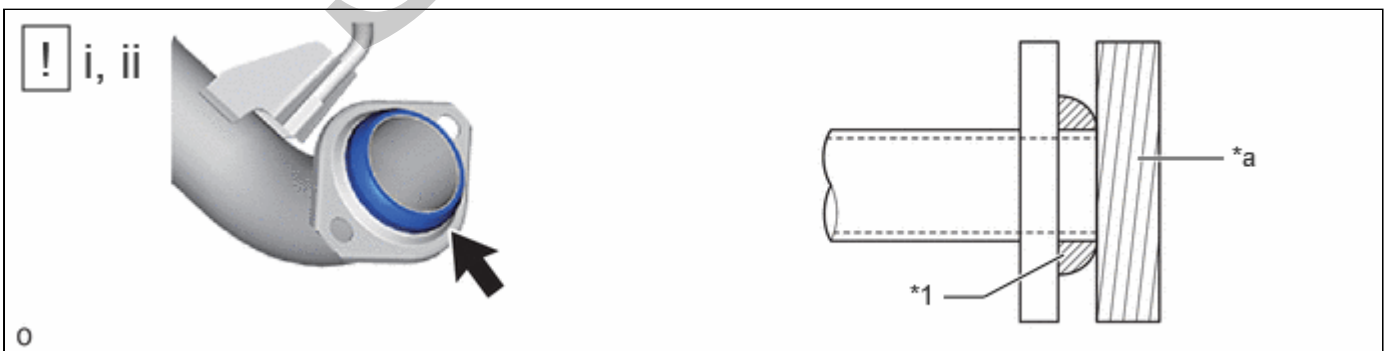
Torque:

43 N·m {438 kgf·cm, 32 ft·lbf}

2. INSTALL TAIL EXHAUST PIPE ASSEMBLY



- (1) Using a vernier caliper, measure the free length of the compression spring.
Minimum length:
42 mm (1.66 in.)
- (2) If the free length is less than the minimum, replace the compression spring.



*1	Gasket	-	-
*a	Wooden Block	-	-

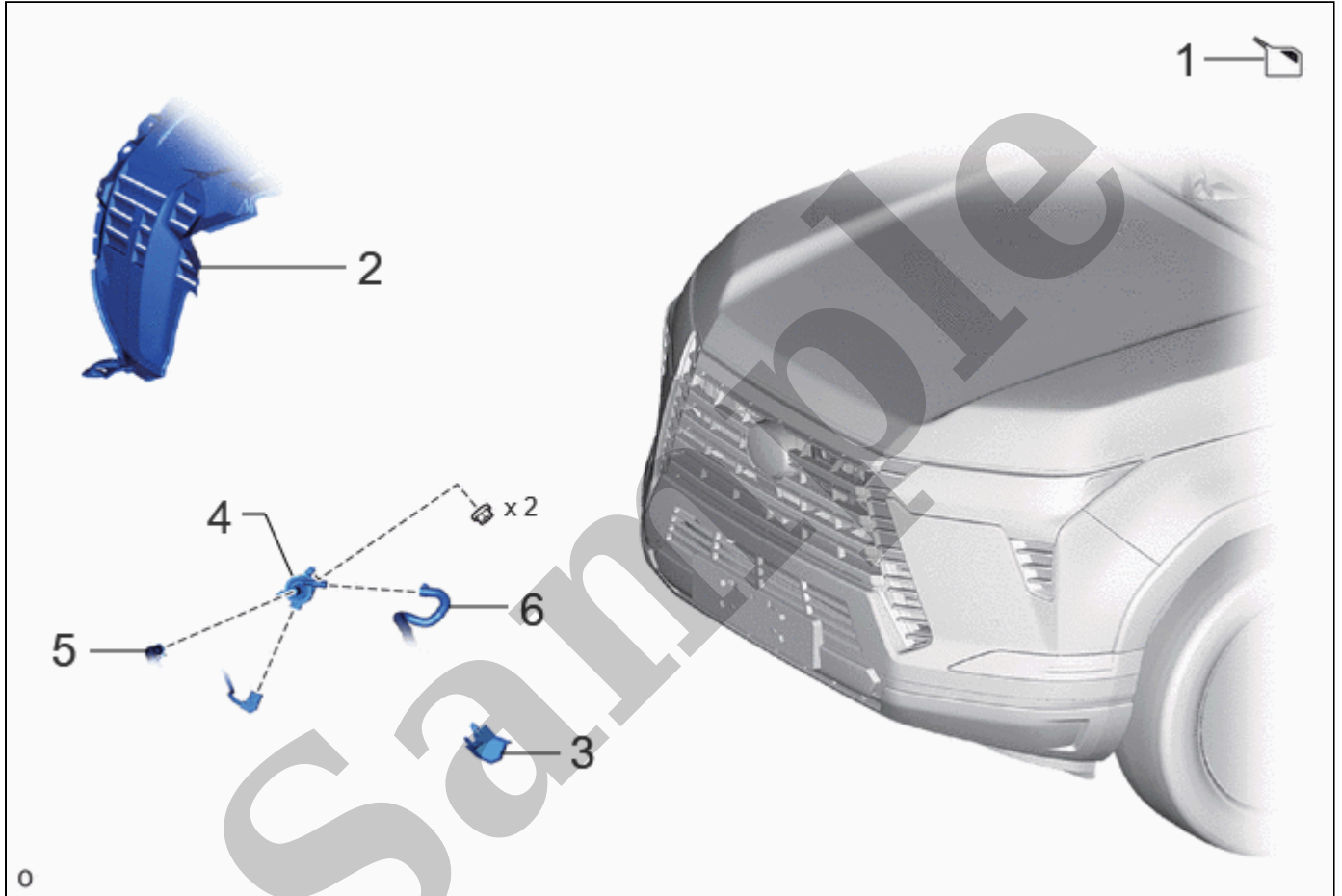
- (1) Temporarily install a new gasket to the center exhaust pipe assembly.

Last Modified: 10-07-2024	6.11:8.1.0	Doc ID: RM100000002HYPV
Model Year Start: 2024	Model: GX550	Prod Date Range: [12/2023 -]
Title: V35A-FTS (INTAKE / EXHAUST): WATER PUMP: REMOVAL; 2024 MY GX550 [12/2023 -]		

REMOVAL

CAUTION / NOTICE / HINT

COMPONENTS (REMOVAL)



PROCEDURE		PART NAME CODE			
1	DRAIN COOLANT (for Intercooler)	-	-	INFO	-
2	FRONT FENDER LINER RH	53875A	-	-	-
3	CONNECTOR COVER	82H21F	-	-	-
4	ELECTRIC WATER PUMP ASSEMBLY	161B0	-	-	-
5	NO. 2 WATER BY-PASS HOSE	16264G	-	-	-
6	NO. 5 WATER BY-PASS HOSE	16282F	-	-	-

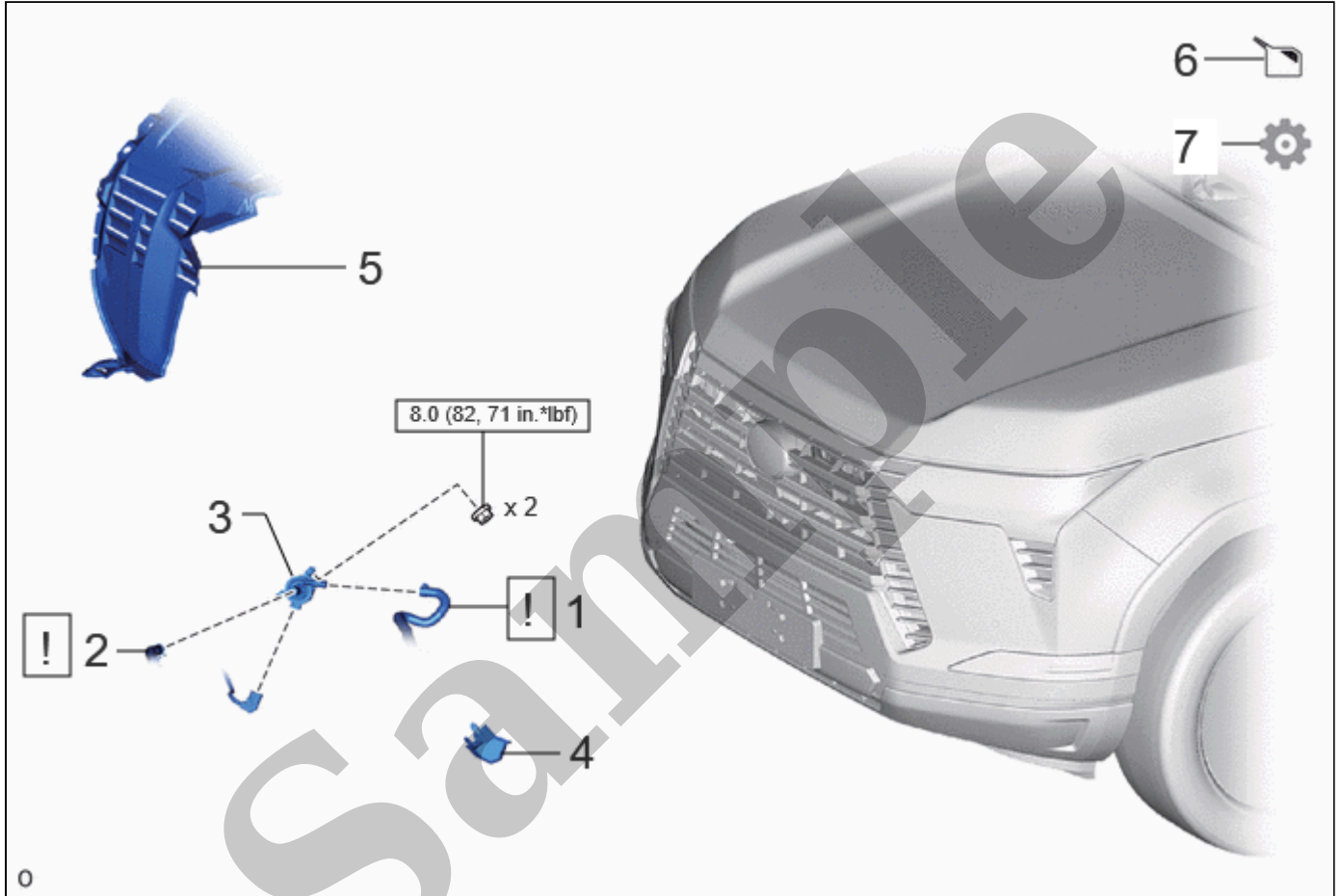
PROCEDURE

Last Modified: 10-07-2024	6.11:8.1.0	Doc ID: RM100000002HYPW
Model Year Start: 2024	Model: GX550	Prod Date Range: [12/2023 -]
Title: V35A-FTS (INTAKE / EXHAUST): WATER PUMP: INSTALLATION; 2024 MY GX550 [12/2023 -]		

INSTALLATION

CAUTION / NOTICE / HINT

COMPONENTS (INSTALLATION)



PROCEDURE		PART NAME CODE	!	📄	⚙️
1	NO. 5 WATER BY-PASS HOSE	16282F	INFO	-	-
2	NO. 2 WATER BY-PASS HOSE	16264G	INFO	-	-
3	ELECTRIC WATER PUMP ASSEMBLY	161B0	-	-	-
4	CONNECTOR COVER	82H21F	-	-	-
5	FRONT FENDER LINER RH	53875A	-	-	-
6	ADD COOLANT (for Intercooler)	-	-	INFO	-
7	INSPECT FOR COOLANT LEAK (for Intercooler)	-	-	-	INFO

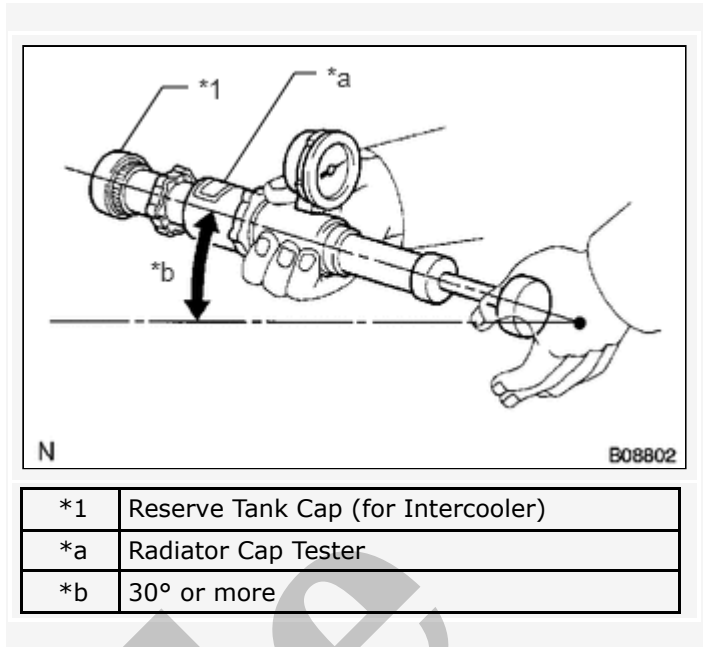
6. ADD COOLANT (for Intercooler)

Click here [INFO](#)

7. INSPECT FOR COOLANT LEAK (for Intercooler)

Click here [INFO](#)

Sample



(5) Pump the radiator cap tester several times and check the maximum pressure*.

Pump speed:

1 pump per second

*: Even if the cap cannot maintain the maximum pressure, it is not a defect.

Standard Judgment Criterion:

ITEM	SPECIFIED CONDITION
Standard value (for brand-new cap)	93 to 123 kPa (1.0 to 1.3 kgf/cm ² , 13.5 to 18 psi)
Minimum standard value (for used cap)	79 kPa (0.8 kgf/cm ² , 11.4 psi)

If the maximum pressure is less than the minimum standard value, replace the reserve tank cap (for Intercooler).