

Last Modified: 07-09-2025	6.11:8.1.0	Doc ID: RM100000002H1XV
Model Year Start: 2024	Model: Tacoma	Prod Date Range: [12/2023 - 03/2024]
Title: T24A-FTS (INTAKE / EXHAUST): TURBOCHARGER: REMOVAL; 2024 MY Tacoma Tacoma HV [12/2023 - 03/2024]		

REMOVAL

CAUTION / NOTICE / HINT

The necessary procedures (adjustment, calibration, initialization, or registration) that must be performed after parts are removed, installed, or replaced during the turbocharger removal/installation are shown below.

Necessary Procedure After Parts Removed/Installed/Replaced

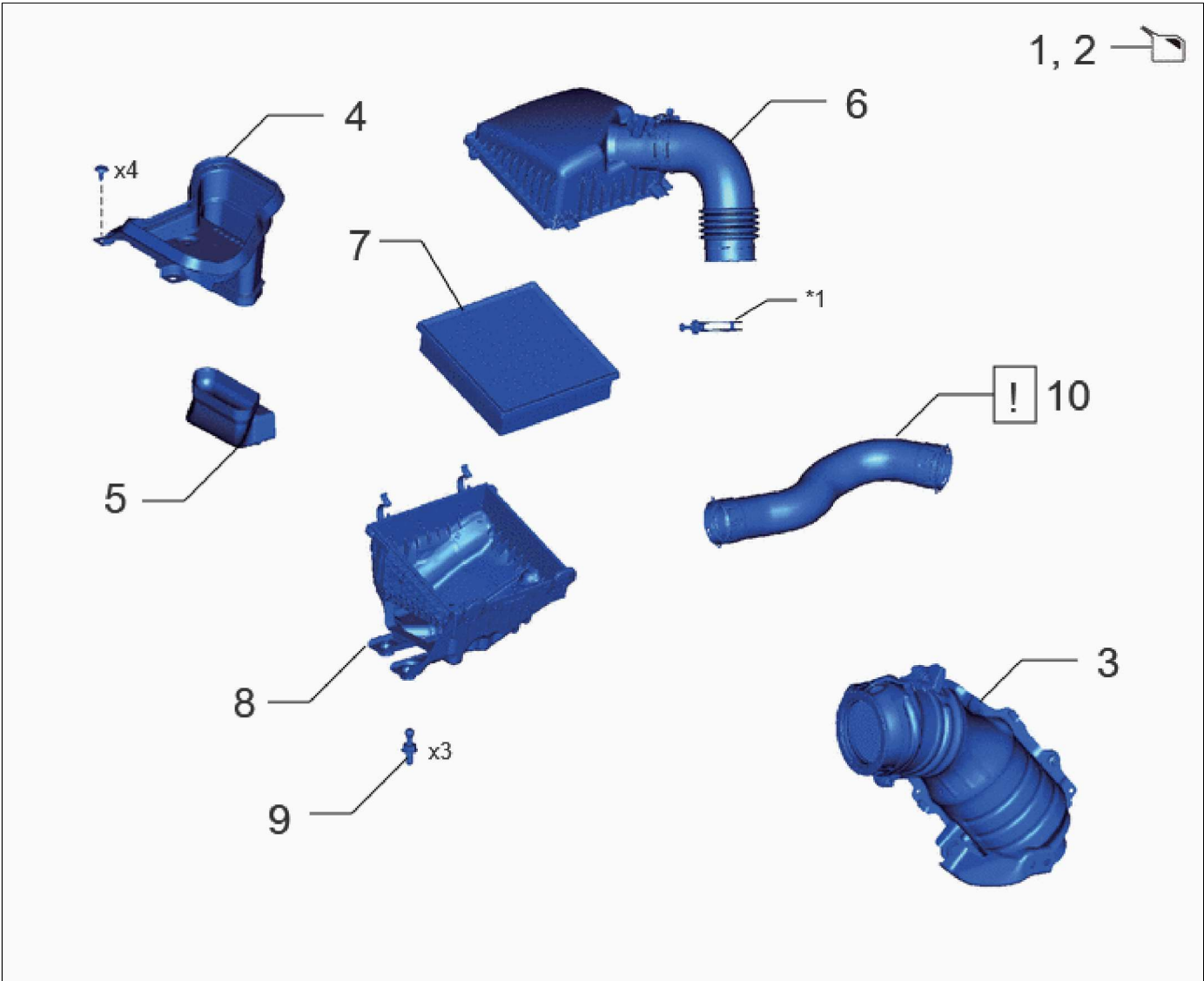
REPLACED PART OR PERFORMED PROCEDURE	NECESSARY PROCEDURES	EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURES ARE NOT PERFORMED	LINK
Tires	- Initialization*1, *2 - Tire Position Identification*1, *2	Tire Pressure Warning System	Refer to Procedures Necessary When Replacing Parts (for Tire Pressure Warning System) INFO
	Rear television camera assembly optical axis (Back camera position setting)	Parking assist monitor system	INFO
	Parking assist ECU initialization	Panoramic view monitor system	INFO

*1: Also necessary after performing a tire rotation.

*2: It is not necessary to perform this procedure if the tire pressure warning valve and transmitters are installed to the same location.

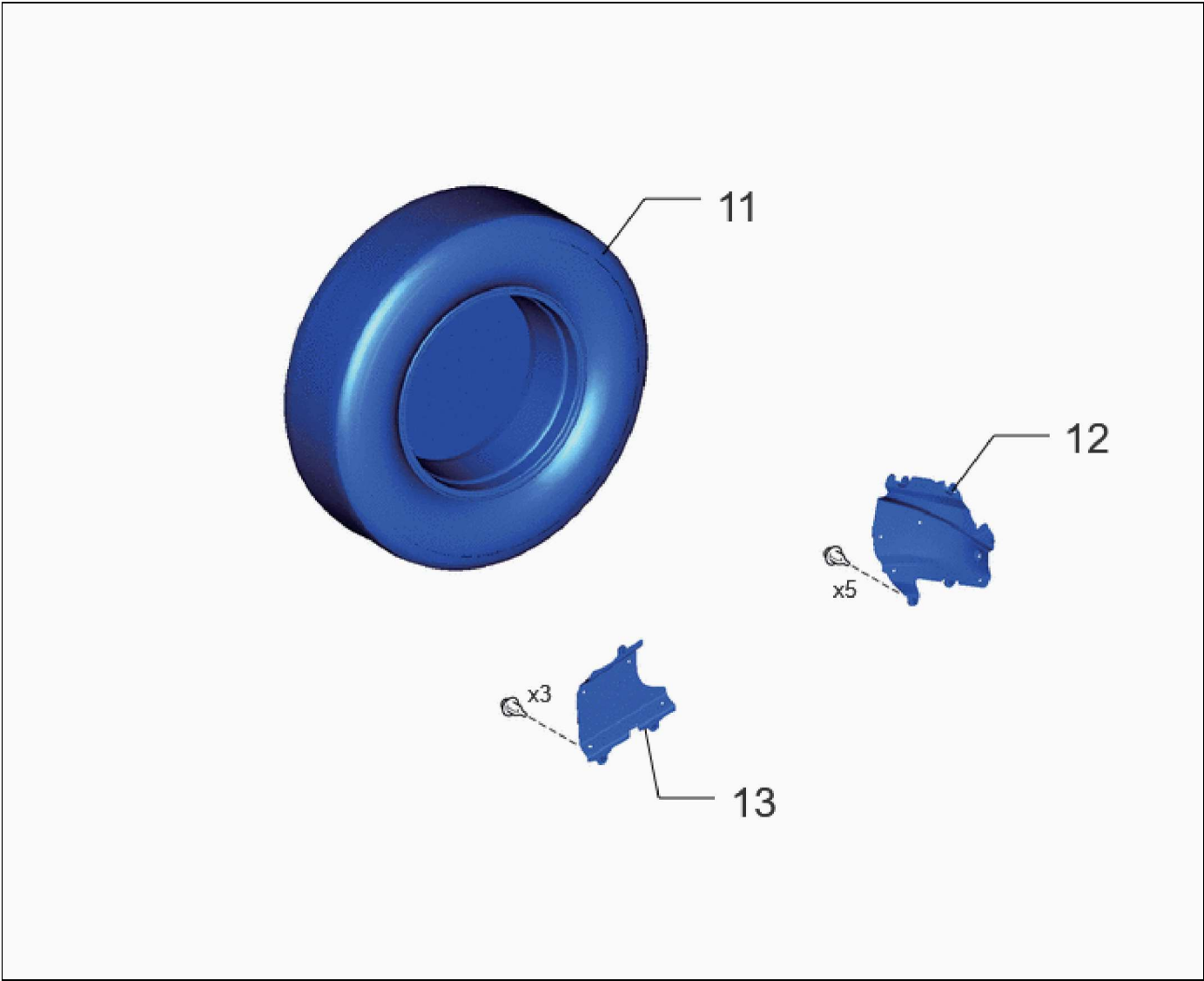
CAUTION / NOTICE / HINT

COMPONENTS (REMOVAL)

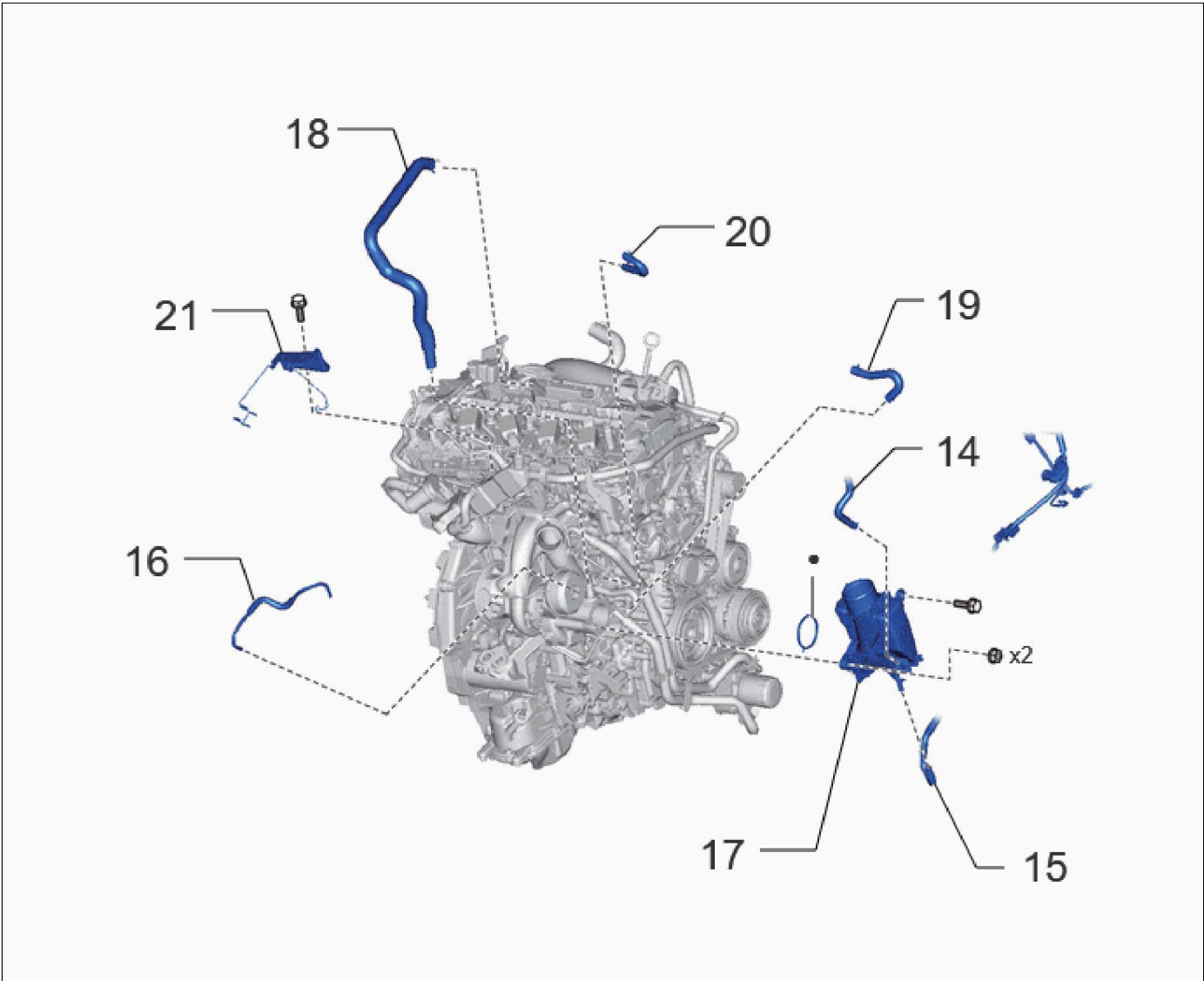


PROCEDURE		PART NAME CODE			
1	DRAIN ENGINE COOLANT	-	-	INFO	-
2	DRAIN ENGINE OIL	-	-	INFO	-
3	CONVERTER WITH CATALYST ASSEMBLY	17400N	-	-	-
4	NO. 2 AIR CLEANER INLET	17752	-	-	-
5	NO. 1 AIR CLEANER INLET	17751	-	-	-
6	AIR CLEANER CAP WITH NO. 1 AIR CLEANER HOSE	-	-	-	-
7	AIR CLEANER FILTER ELEMENT SUB-ASSEMBLY	17801	-	-	-
8	AIR CLEANER CASE SUB-ASSEMBLY	17701	-	-	-
9	NO. 1 AIR CLEANER STAY	17765	-	-	-
10	NO. 1 AIR HOSE	17341F	INFO	-	-

*1	HOSE CLAMP	-	-
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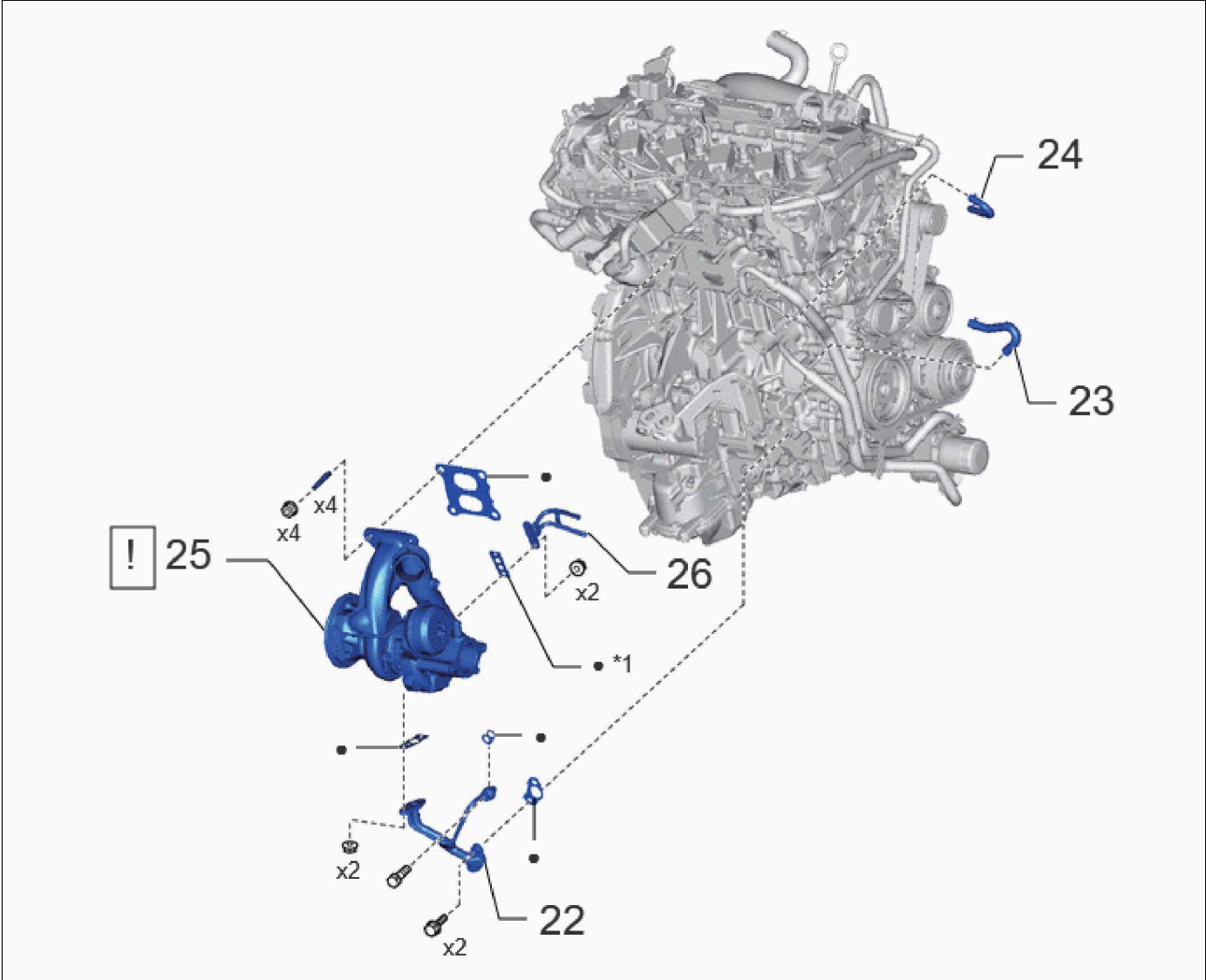


PROCEDURE		PART NAME CODE			
11	FRONT TIRE RH	-	-	-	-
12	FRONT FENDER APRON TRIM PACKING A	53782	-	-	-
13	FRONT FENDER APRON TRIM PACKING C	53784	-	-	-



PROCEDURE		PART NAME CODE			
14	NO. 2 AIR HOSE	17342L	-	-	-
15	NO. 3 FUEL VAPOR FEED HOSE	23828	-	-	-
16	NO. 1 VACUUM TRANSMITTING HOSE ASSEMBLY	25760	-	-	-
17	COMPRESSOR INLET ELBOW SUB-ASSEMBLY	17203B	-	-	-
18	NO. 2 VENTILATION HOSE	12262	-	-	-
19	DISCONNECT NO. 1 TURBO WATER HOSE	16284	-	-	-
20	DISCONNECT NO. 2 TURBO WATER HOSE	16285	-	-	-
21	EXHAUST SENSOR CLAMP BRACKET	8946A	-	-	-

•	Non-reusable part	-	-
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PROCEDURE		PART NAME CODE			
22	NO. 1 TURBO OIL PIPE	15481	-	-	-
23	REMOVE NO. 1 TURBO WATER HOSE	16284	-	-	-
24	REMOVE NO. 2 TURBO WATER HOSE	16285	-	-	-
25	TURBOCHARGER SUB-ASSEMBLY	17201	INFO	-	-
26	NO. 1 TURBO WATER PIPE SUB-ASSEMBLY	16027	-	-	-

*1	WATER BY-PASS GASKET	•	Non-reusable part
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PROCEDURE

1. DRAIN ENGINE COOLANT

Click here [INFO](#)

2. DRAIN ENGINE OIL

Click here [INFO](#)

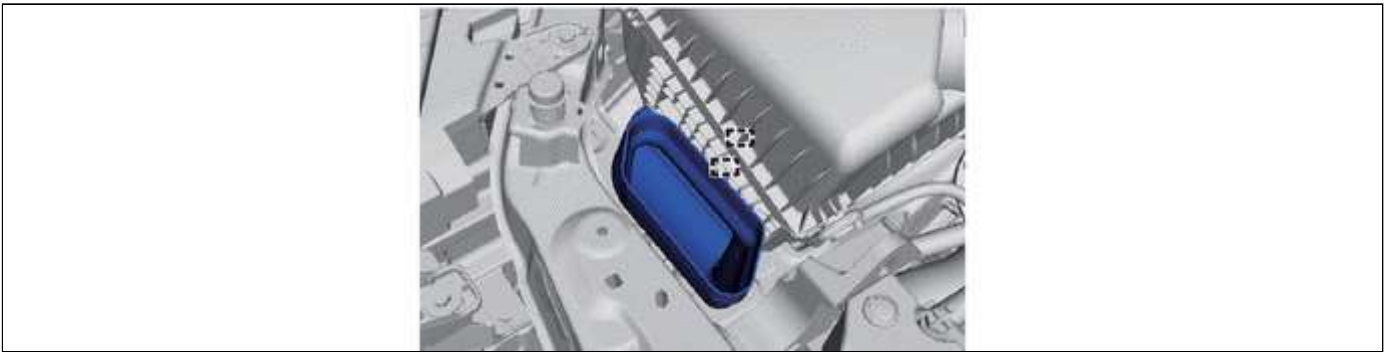
3. REMOVE CONVERTER WITH CATALYST ASSEMBLY

Click here [INFO](#)

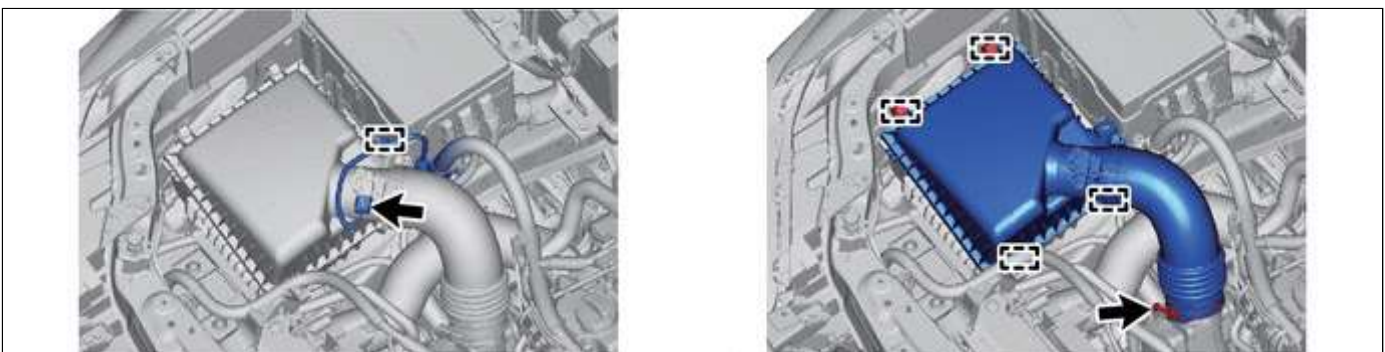
4. REMOVE NO. 2 AIR CLEANER INLET



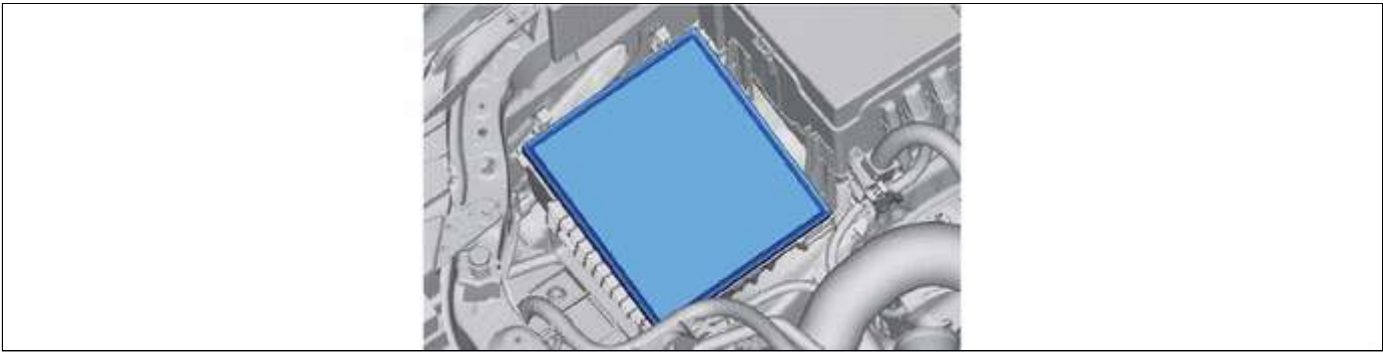
5. REMOVE NO. 1 AIR CLEANER INLET



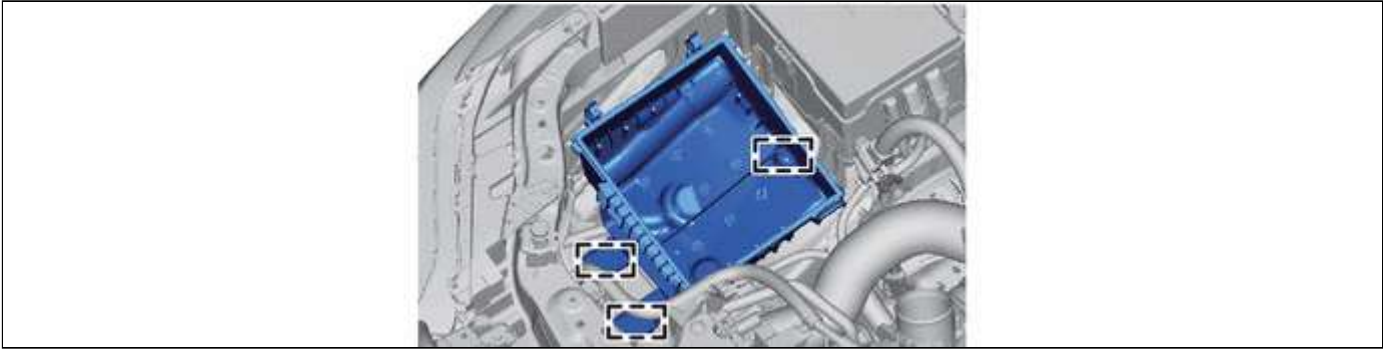
6. REMOVE AIR CLEANER CAP WITH NO. 1 AIR CLEANER HOSE



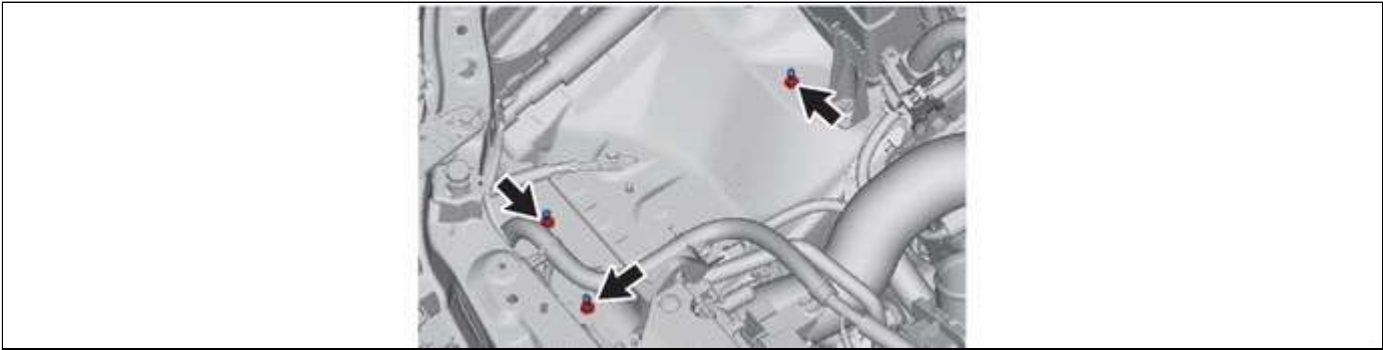
7. REMOVE AIR CLEANER FILTER ELEMENT SUB-ASSEMBLY



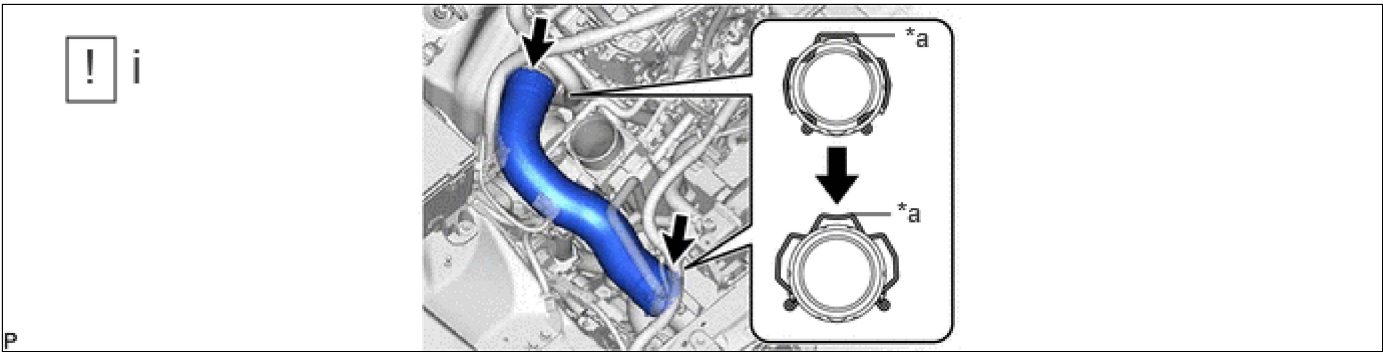
8. REMOVE AIR CLEANER CASE SUB-ASSEMBLY



9. REMOVE NO. 1 AIR CLEANER STAY



10. REMOVE NO. 1 AIR HOSE



*a	Retainer	-	-
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(1) Release the 2 retainers and disconnect the No. 1 air tube assembly from the intercooler assembly and turbine outlet elbow as shown in the illustration.

11. REMOVE FRONT TIRE RH

Click here [INFO](#)

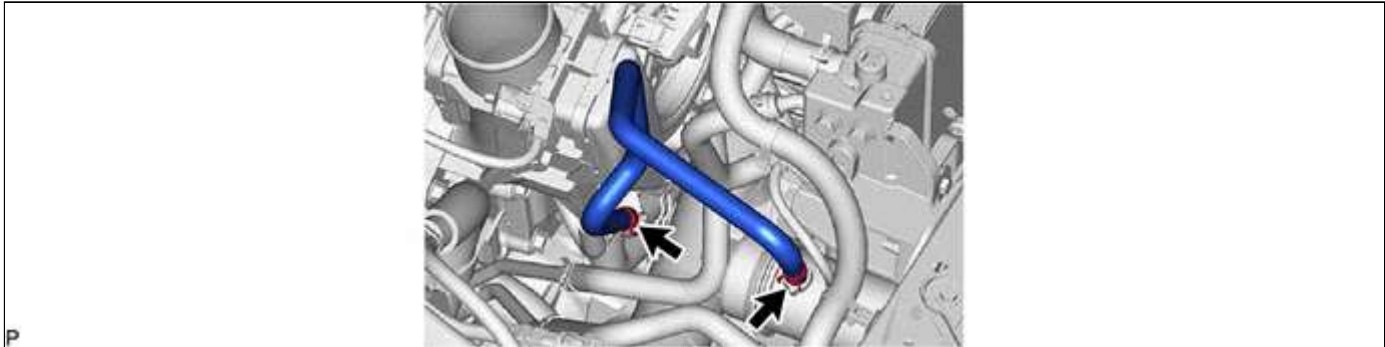
12. REMOVE FRONT FENDER APRON TRIM PACKING A

Click here [INFO](#)

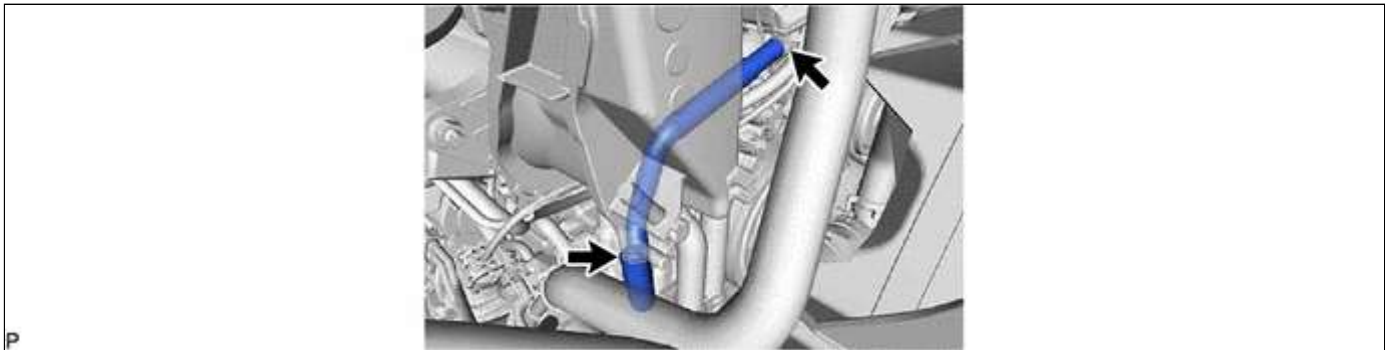
13. REMOVE FRONT FENDER APRON TRIM PACKING C

Click here [INFO](#)

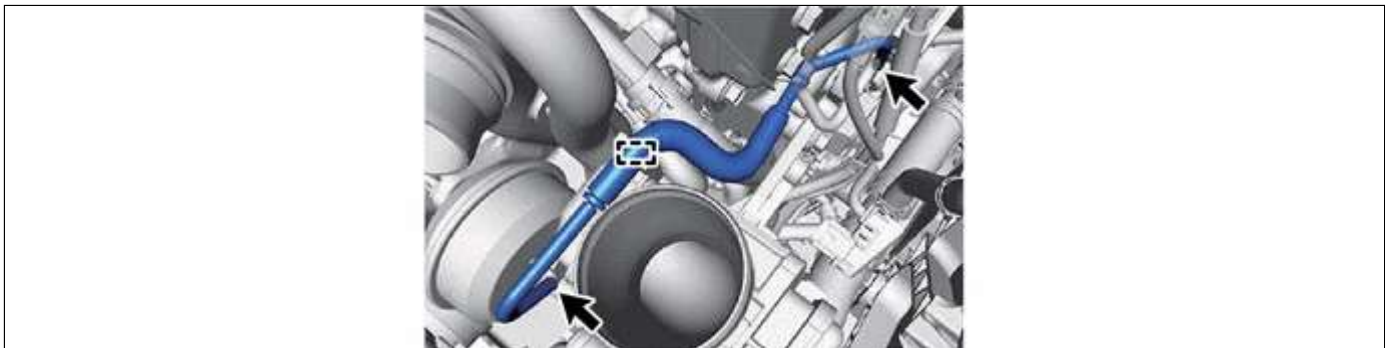
14. REMOVE NO. 2 AIR HOSE



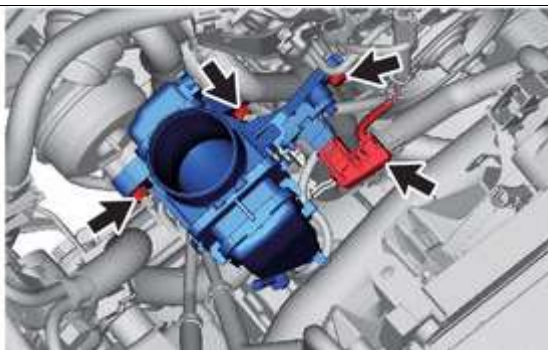
15. DISCONNECT NO. 3 FUEL VAPOR FEED HOSE



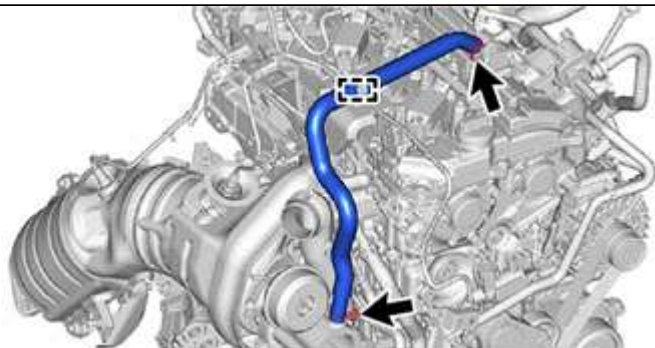
16. DISCONNECT NO. 1 VACUUM TRANSMITTING HOSE ASSEMBLY



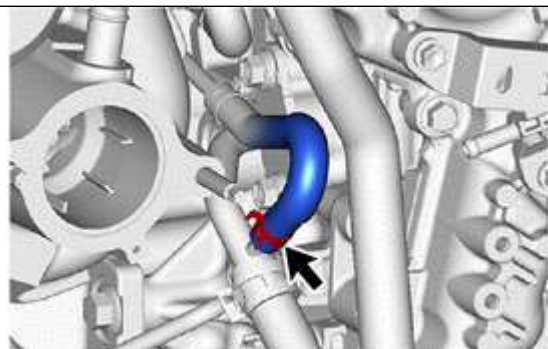
17. REMOVE COMPRESSOR INLET ELBOW SUB-ASSEMBLY



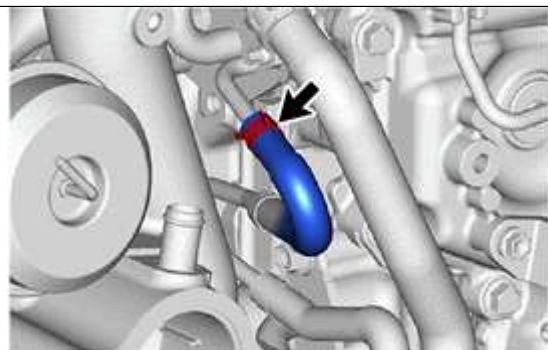
18. REMOVE NO. 2 VENTILATION HOSE



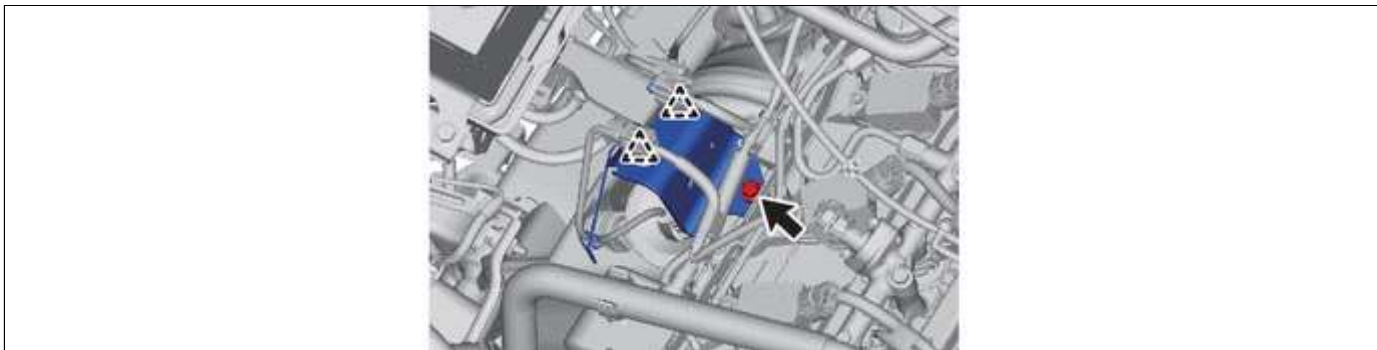
19. DISCONNECT NO. 1 TURBO WATER HOSE



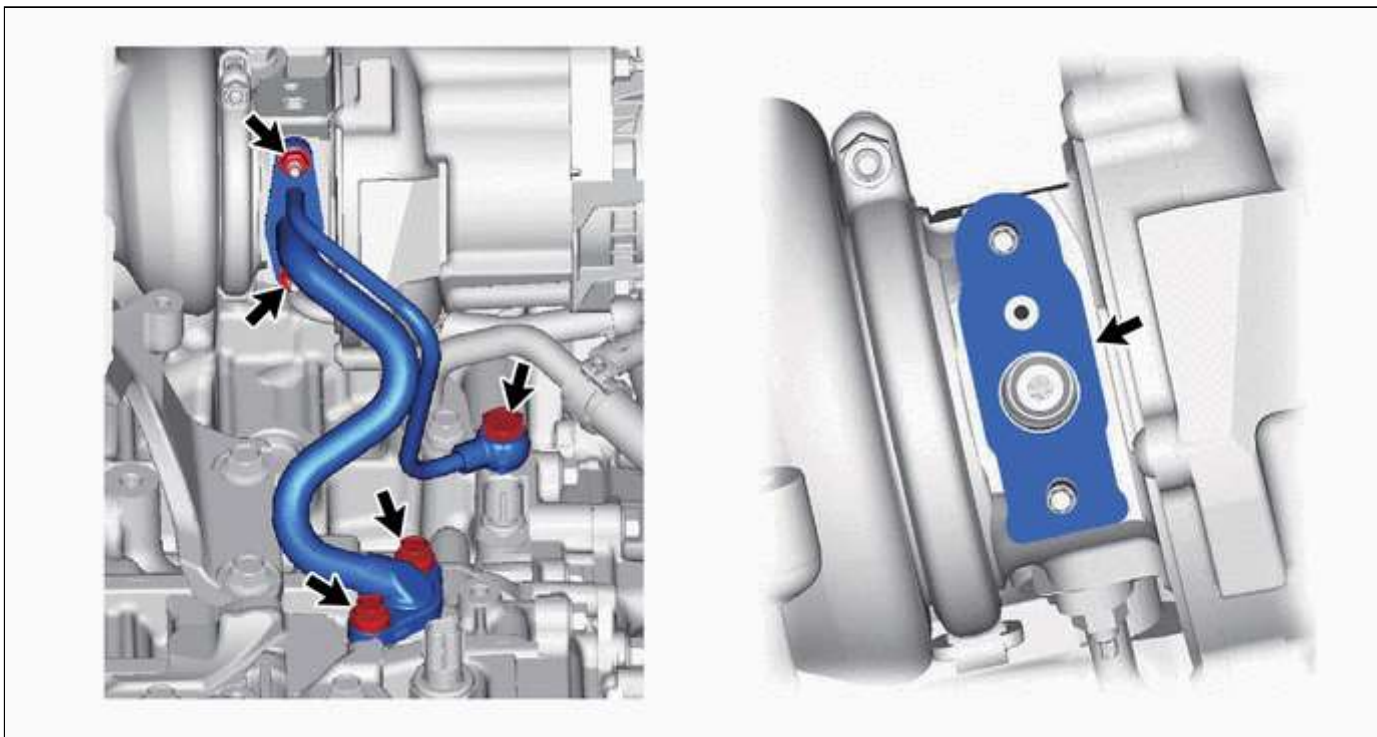
20. DISCONNECT NO. 2 TURBO WATER HOSE



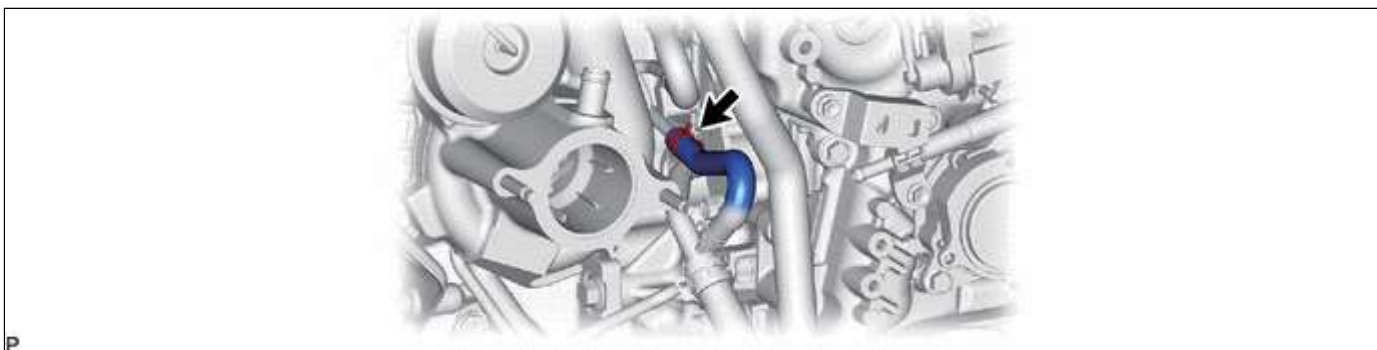
21. REMOVE EXHAUST SENSOR CLAMP BRACKET



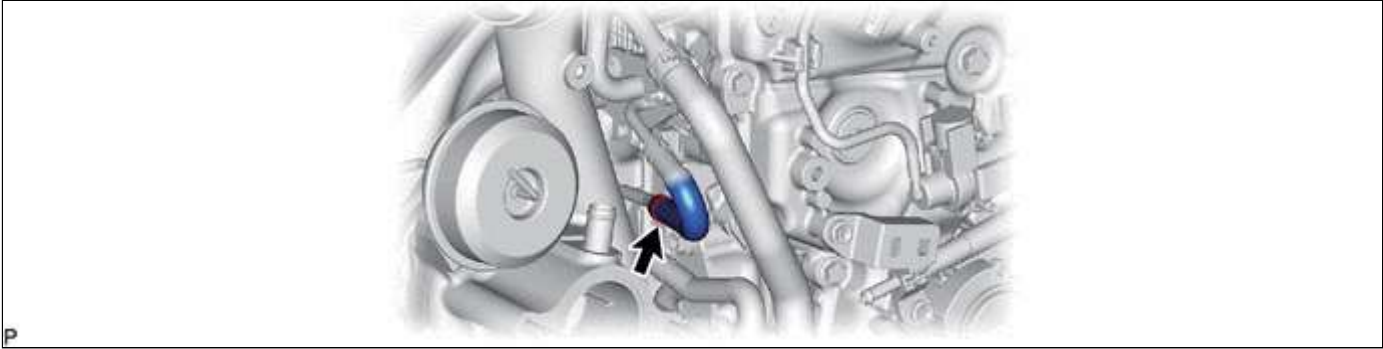
22. REMOVE NO. 1 TURBO OIL PIPE



23. REMOVE NO. 1 TURBO WATER HOSE

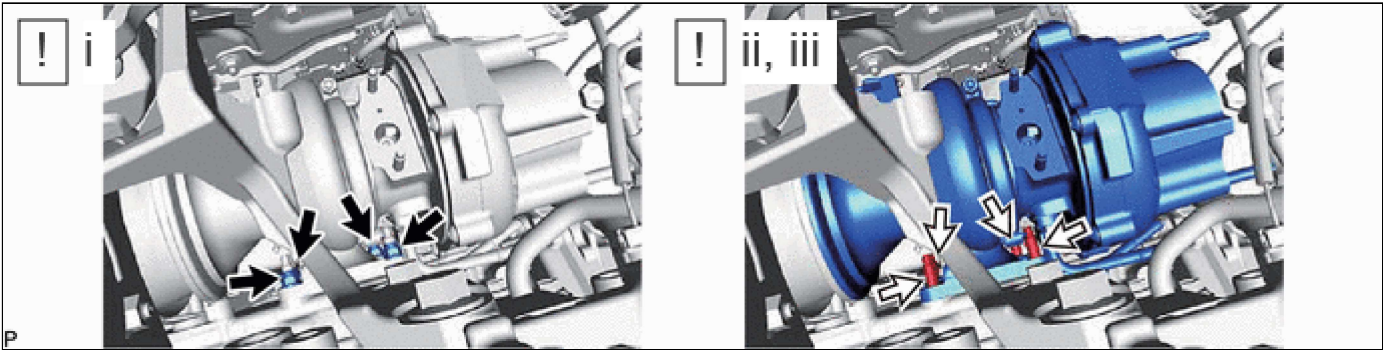


24. REMOVE NO. 2 TURBO WATER HOSE



25. REMOVE TURBOCHARGER SUB-ASSEMBLY

	NOTICE: If a stud bolt is deformed or its threads are damaged, replace it.
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	Nut		Stud Bolt
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- (1) Remove the 4 nuts.
- (2) Using an E10 "TORX" socket wrench, remove the stud bolts from the cylinder head.
- (3) Remove the turbocharger sub-assembly.

26. REMOVE NO. 1 TURBO WATER PIPE SUB-ASSEMBLY

