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2000 TOYOTA Previa OEM Service and Repair Workshop Manual

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Last Modified: 07-26-2024	6.11:8.1.0	Doc ID: RM100000001R4RA
Model Year Start: 2021	Model: Supra	Prod Date Range: [07/2020 -]
Title: B48 (ENGINE MECHANICAL): CRANKSHAFT: DISASSEMBLY; 2021 - 2025 MY Supra [07/2020 -]		

DISASSEMBLY

PROCEDURE

1. REMOVE ENGINE ASSEMBLY

Click here [INFO](#)

2. REMOVE SPARK PLUG

Click here [INFO](#)

3. REMOVE OIL PAN DRAIN PLUG

Click here [INFO](#)

4. INSTALL OIL PAN DRAIN PLUG

Click here [INFO](#)

5. REMOVE NO. 1 FUEL PIPE SUB-ASSEMBLY

Click here [INFO](#)

6. REMOVE FUEL (ENGINE ROOM SIDE) PUMP ASSEMBLY

Click here [INFO](#)

7. REMOVE FUEL INJECTOR ASSEMBLY

Click here [INFO](#)

8. REMOVE CAM TIMING OIL CONTROL SOLENOID ASSEMBLY

Click here [INFO](#)

9. REMOVE NO. 1 CHECK VALVE

Click here [INFO](#)

10. REMOVE INTAKE MANIFOLD

Click here [INFO](#)

11. REMOVE CYLINDER HEAD COVER SUB-ASSEMBLY

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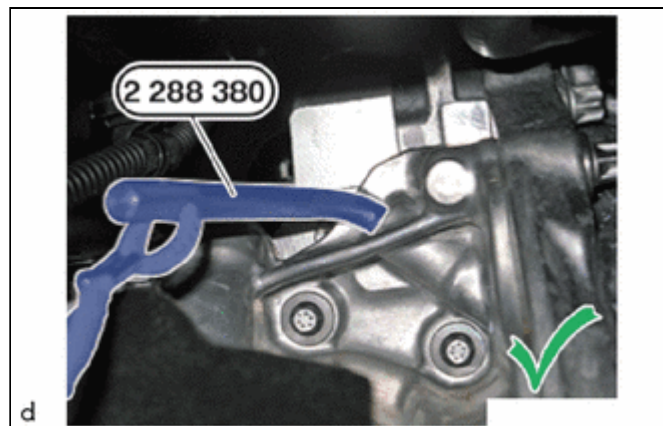
12. REMOVE TURBO OIL OUTLET PIPE

Click here [INFO](#)

13. REMOVE INLET TURBO OIL PIPE SUB-ASSEMBLY

Click here [INFO](#)

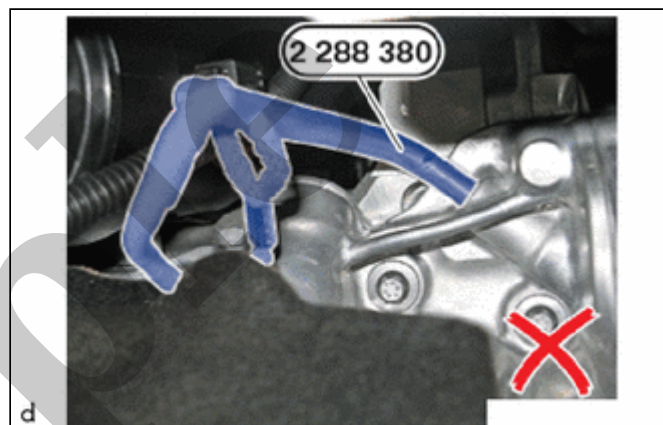
14. SET NO. 1 CYLINDER TO TDC (COMPRESSION)



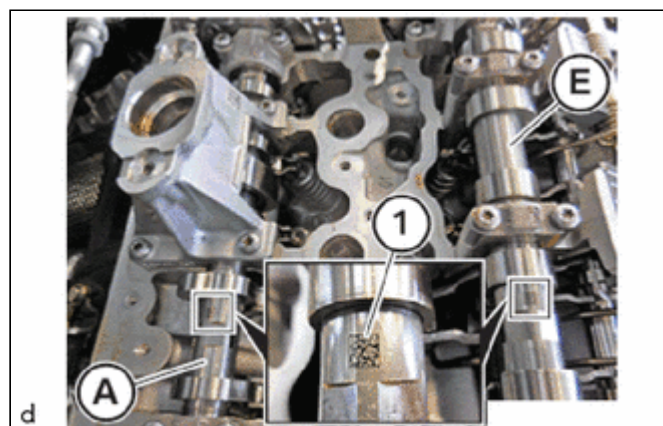
- (e) Ensure that the special tool 2 288 380 is not incorrectly positioned.

SST: 09200-WA570

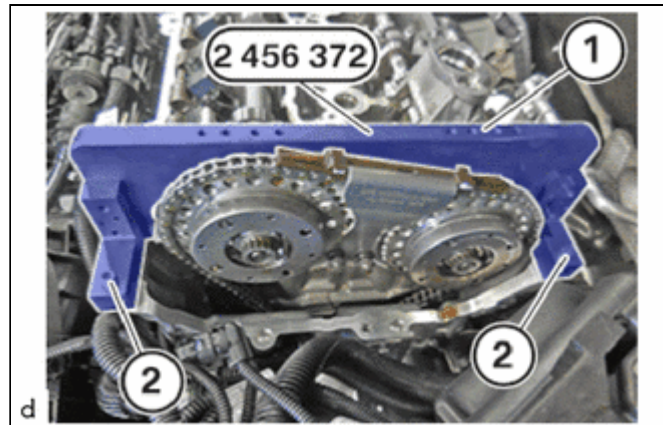
- (1) The TDC firing position of cylinder 1 was not reached.



- (f) Make sure that the marks (1) on the intake camshaft sub-assembly (E) and the exhaust camshaft sub-assembly (A) are legible from above.



- (g) Ensure that the cam (1) on the exhaust camshaft sub-assembly on cylinder 1 points to the inside right at a slight angle.



(k) Tighten the bolts (2) from the set of special tools 2 456 372.

SST: 09200-WA700

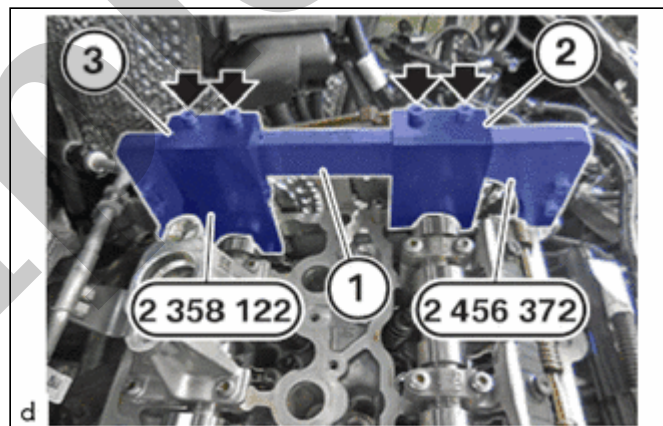
Torque:

8.0 N·m {82 kgf·cm, 71 in·lbf}

(l) Position the test gauge (2) from the set of special tools 2 358 122 between the intake camshaft sub-assembly and the basic carrier (1) from the set of special tools 2 456 372 .

SST: 09200-WA380

SST: 09200-WA700



(m) Position the test gauge (3) from the set of special tools 2 358 122 between the exhaust camshaft sub-assembly and the basic carrier (1) from the set of special tools 2 456 372.

SST: 09200-WA380

SST: 09200-WA700

(n) Tighten bolts (arrows).

Torque:

8.0 N·m {82 kgf·cm, 71 in·lbf}

15. REMOVE NO. 1 CHAIN TENSIONER ASSEMBLY

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16. LOOSEN INTAKE CAMSHAFT TIMING GEAR BOLT ASSEMBLY

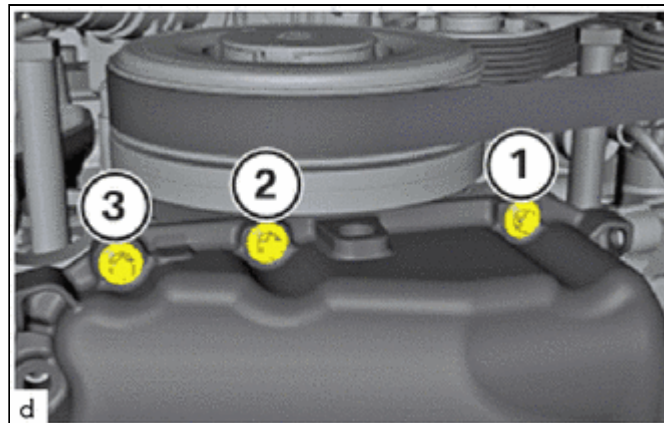
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17. LOOSEN EXHAUST CAMSHAFT TIMING GEAR BOLT ASSEMBLY

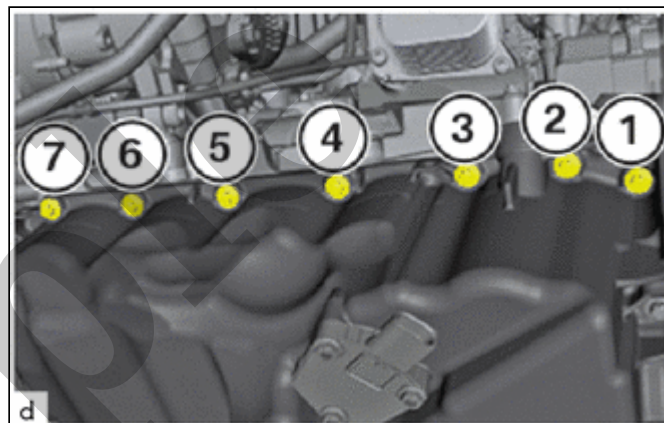
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18. REMOVE INTAKE CAMSHAFT TIMING GEAR BOLT ASSEMBLY

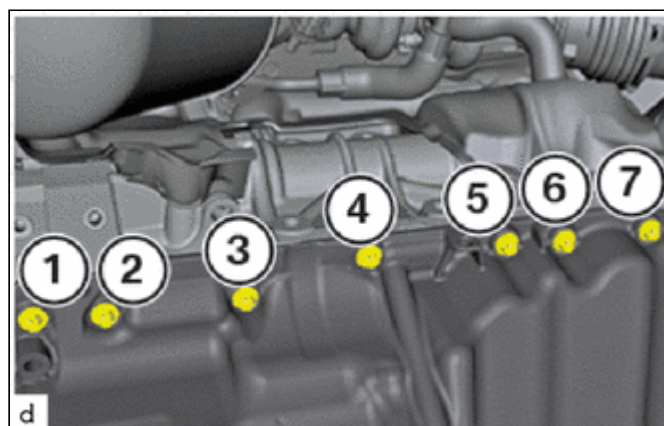
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(d) Loosen E10 bolts (1) to (7).



(e) Loosen E10 bolts (1) to (7).



(f) Loosen E10 bolts (1) and (2).