

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.

2013 Toyota RAV4 5 Doors Service Manual

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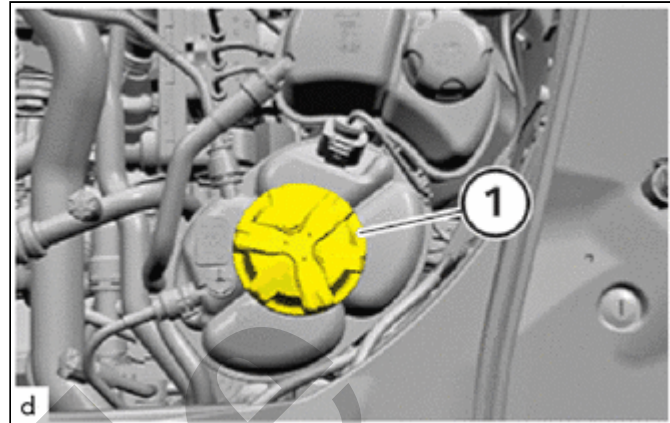
- Collect and dispose of emerging fluids. Observe country-specific waste disposal regulations.

HINT:

- Follow notes for repair work on the cooling system.
- For additional information.

Click here [INFO](#)

(a) Loosen reserve tank cap sub-assembly (1).



(b) Check the coolant level in the radiator reserve tank assembly for the high-temperature coolant circuit and top up the coolant where required.

Cooling system, capacities, initial filling:

10.5 liters (11.1 US qts, 9.2 Imp. qts)

(1) Expendable materials : Antifreeze and Corrosion Inhibitor Frostox HT-12

HINT:

When using Antifreeze and Corrosion Inhibitor Frostox HT-12, dilute the Antifreeze and Corrosion Inhibitor Frostox HT-12 to 50% before using it.

(c) Close reserve tank cap sub-assembly (1).

(1) The arrows must be aligned.

3. INSTALL FRONT SUSPENSION MEMBER LOWER PROTECTOR

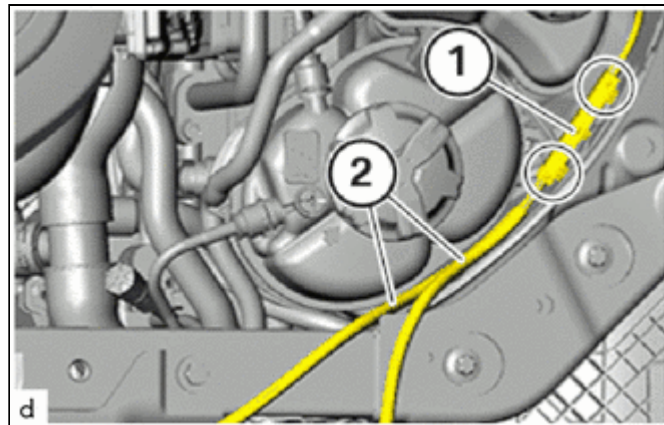
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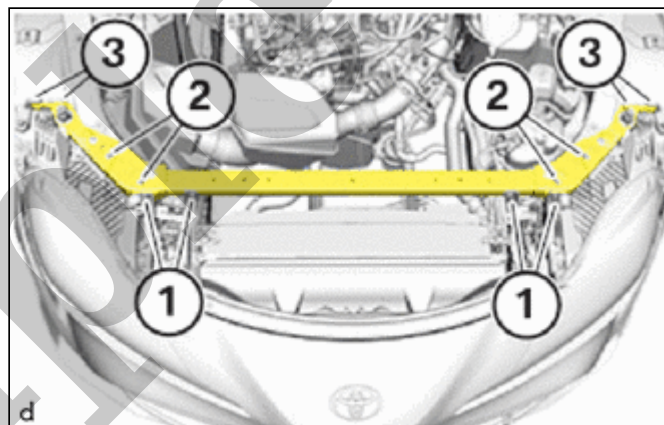
| | | | |
|-------------|---|---|---|
| <div></div> | N*m (kgf*cm, ft.*lbf): Specified torque | - | - |
|-------------|---|---|---|



Sample



(d) Detach the Bowden cables (2) at the separation point in the housing (1) where required.



(e) Loosen bolts (1).

(f) Loosen E14 bolts (2).

(g) Unscrew the bolts (3) and remove the upper radiator support sub-assembly.

7. REMOVE FAN WITH MOTOR ASSEMBLY

CAUTION:

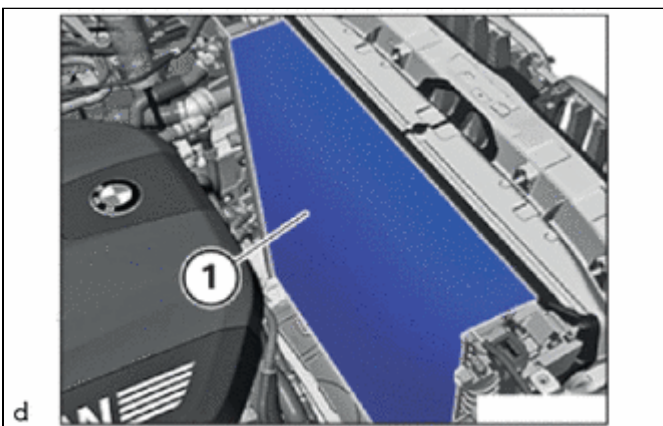
- Hot surfaces.

Risk of burning!

- Perform all work only on components that have cooled down.

NOTICE:

Use cardboard (1) or another similar material to protect the vehicle body from damage.



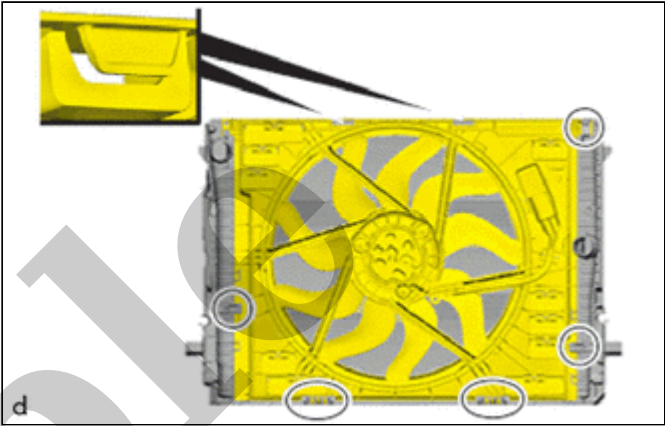
| | | |
|--|---------------------|--------------------------------------|
| Last Modified: 07-26-2024 | 6.11:8.1.0 | Doc ID: RM1000000001JDBS |
| Model Year Start: 2020 | Model: Supra | Prod Date Range: [03/2019 -] |
| Title: B58 (COOLING): FAN SHROUD: INSTALLATION; 2020 - 2025 MY Supra [03/2019 -] | | |

INSTALLATION

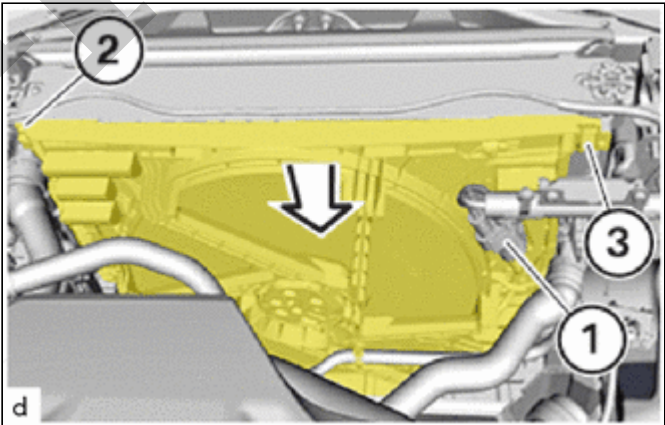
PROCEDURE

1. INSTALL FAN WITH MOTOR ASSEMBLY

(a) Engage the fan with motor assembly at the guides (marks).



(b) Feed in and install the fan with motor assembly in the direction of the arrow.



(c) Lock the right lock (3).

(d) Tighten down T30 screw (2).

Torque:
6.0 N·m {61 kgf·cm, 53 in·lbf}

(e) Connect connectors (1) and lock.

(1) The connector must engage audibly.

(f) for Automatic Transmission:

(1) Secure the automatic transmission oil cooler tube (1) in the holder (2).