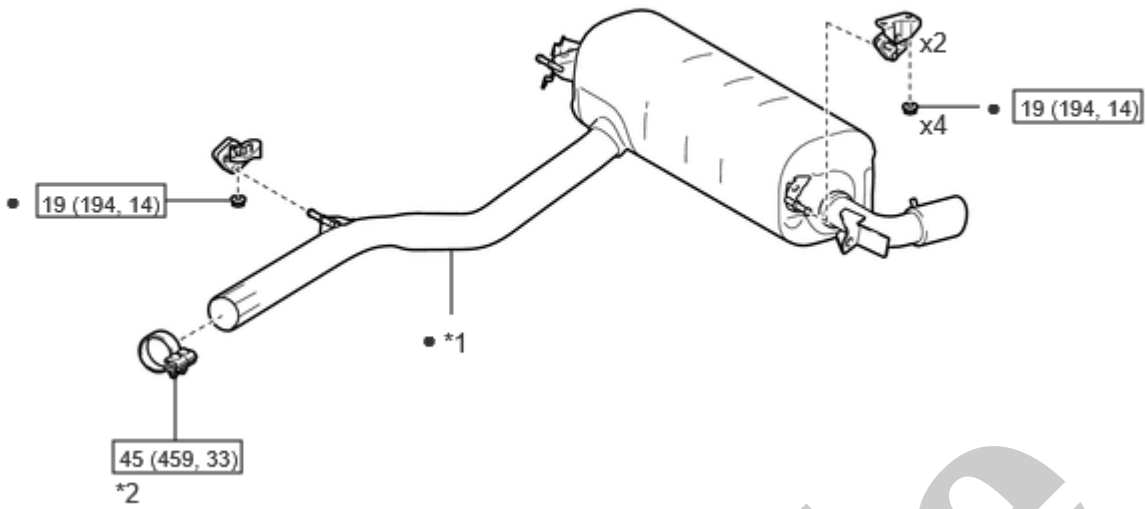



# Your Ultimate Source for OEM Repair Manuals

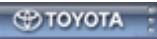
FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

## 2012 Toyota Sienna Repair Manual & Service Workshop Guide

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*1	TAIL EXHAUST PIPE ASSEMBLY	*2	TAIL NO. 1 EXHAUST PIPE CLAMP
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part



Risk of burning!

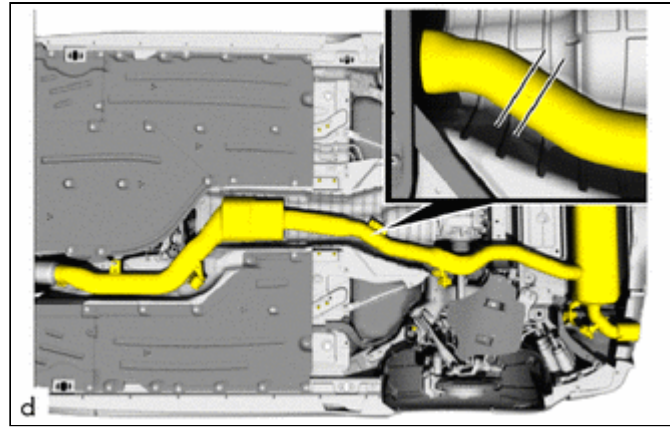
- Perform all work only on components that have cooled down.
- Heavy component.

Heavy components can lead to injury or damage.

- Remove and install heavy components with the aid of another person/other persons.

**HINT:**

- If the separation point is not marked by a punch mark in the pipe, determine the separation point by means of the pipe length on the new component.
- Transfer the separation point to the faulty component and mark.
- Cut through the faulty component at the marked point with a suitable tool.
- Deburr the separation point and remove any swarf. There is a risk of remaining metal chips at the joint between the two pipes and/or swarf in the rear silencer.

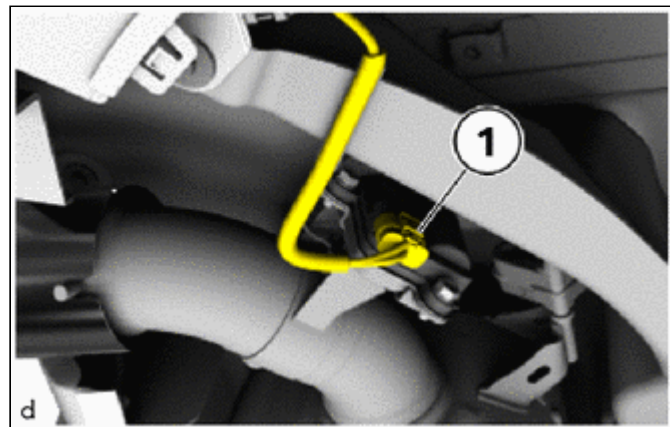


- (b) Detach the exhaust pipe with the special tool 0 496 469 (00 2 220) at the separation point.

**SST: 09200-WA600**



- (c) Unlock plug connection (1) and disconnect.



- (d) Unscrew the nuts (1) on the holder (2).

<b>Last Modified:</b> 07-26-2024	6.11:8.1.0	<b>Doc ID:</b> RM100000001R57L
<b>Model Year Start:</b> 2021	<b>Model:</b> Supra	<b>Prod Date Range:</b> [07/2020 - ]
<b>Title:</b> B46 (INTAKE / EXHAUST): TAIL EXHAUST PIPE ASSEMBLY: INSTALLATION; 2021 - 2025 MY Supra [07/2020 - ]		

## INSTALLATION

### PROCEDURE

#### 1. INSTALL TAIL EXHAUST PIPE ASSEMBLY

**NOTICE:**

Check the exhaust system for tightness after installation.

- (a) Guide the clamp onto the tail exhaust pipe assembly.
- (b) Insert tail exhaust pipe assembly and install.
- (c) Replace nut.
- (d) Tighten the nut on the holder.

**Torque:**

**19 N·m {194 kgf·cm, 14 ft·lbf}**

- (e) Replace nuts.
- (f) Tighten the nuts on the holder.

**Torque:**

**19 N·m {194 kgf·cm, 14 ft·lbf}**

- (g) Replace nuts.
- (h) Tighten the nuts on the holder.

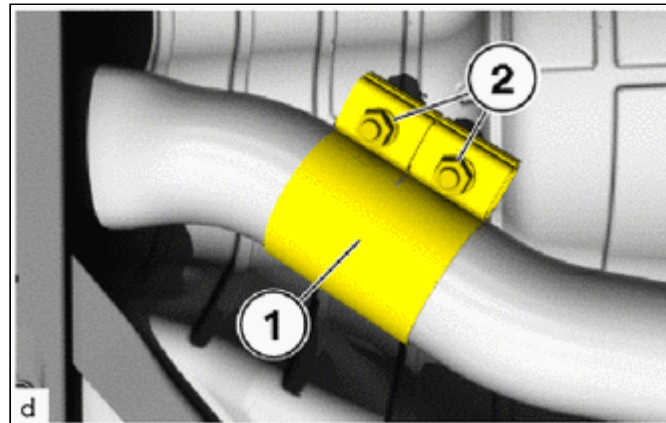
**Torque:**

**19 N·m {194 kgf·cm, 14 ft·lbf}**

- (i) Connect the tail exhaust pipe assembly with the center exhaust pipe assembly with the clamp (1).

**NOTICE:**

The separation point must be centered.



- (j) Center the tail No. 1 exhaust pipe clamp (1) and tighten the nuts (2).

**Torque:**

**45 N·m {459 kgf·cm, 33 ft·lbf}**

- (k) Connect connectors and lock.

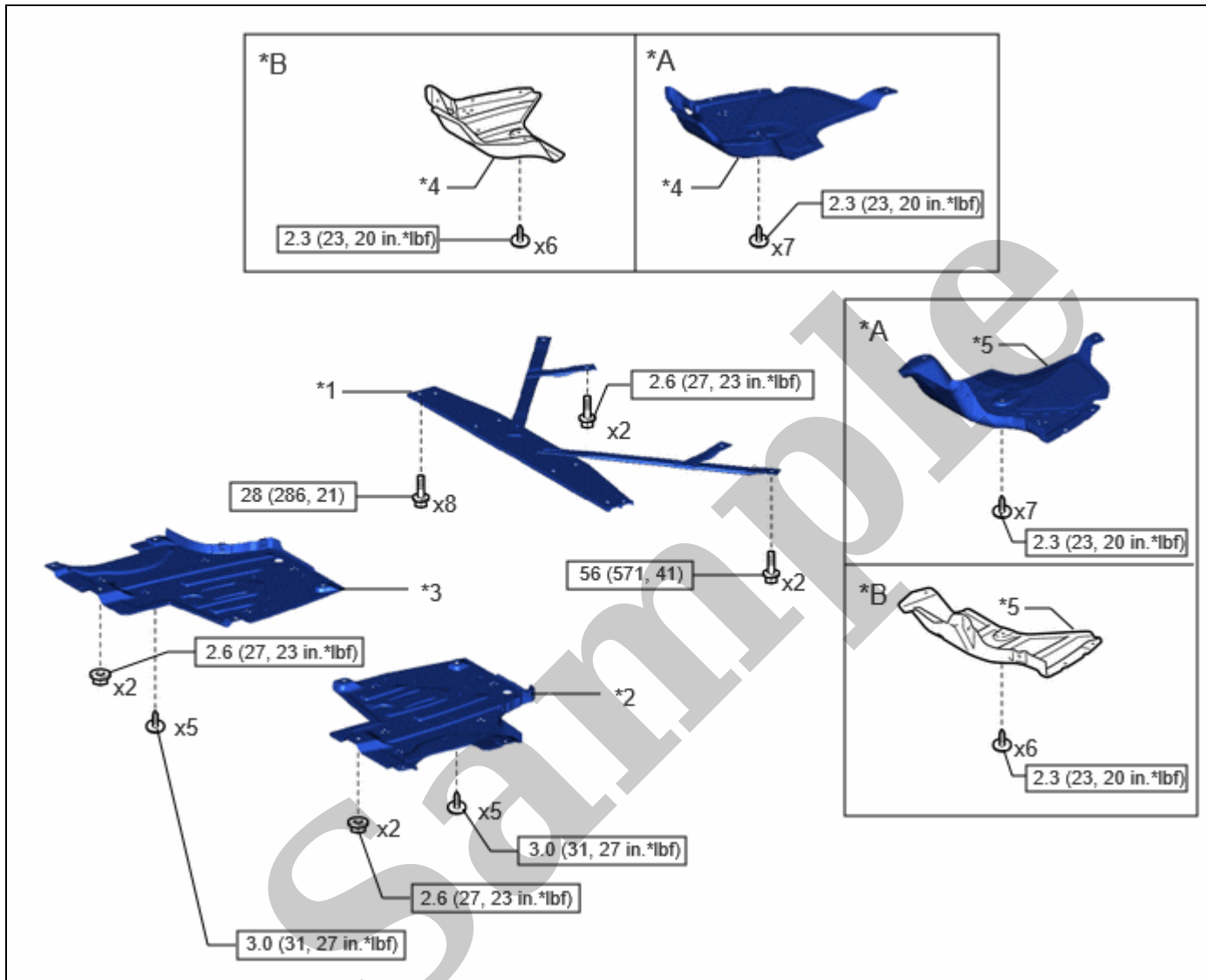
#### 2. INSTALL REAR UNDERBODY PROTECTOR LH


Click here [INFO](#)

#### 3. INSTALL REAR UNDERBODY PROTECTOR RH

## COMPONENTS

## ILLUSTRATION



*A	for Type A	*B	for Type B
*1	REAR FLOOR PANEL BRACE	*2	REAR FLOOR SIDE MEMBER COVER LH
*3	REAR FLOOR SIDE MEMBER COVER RH	*4	REAR UNDERBODY PROTECTOR RH
*5	REAR UNDERBODY PROTECTOR LH	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	-	-

## ILLUSTRATION