

Part Number: PTR03-0C200**Kit Contents PTR0C-0C200 (Muffler)**

| Item # | Quantity Req'd. | Description |
|--------|-----------------|-------------------------|
| 1 | 1 | Center Muffler Assembly |
| 2 | 1 | Tail Pipe Assembly |

Additional Items Required for Installation

| Item # | Quantity Req'd. | Description |
|--------|-----------------|-------------|
| | | |

Conflicts

| |
|------|
| None |
|------|

General Applicability

| |
|-------------------------------|
| MY20 and newer Sequoia models |
|-------------------------------|

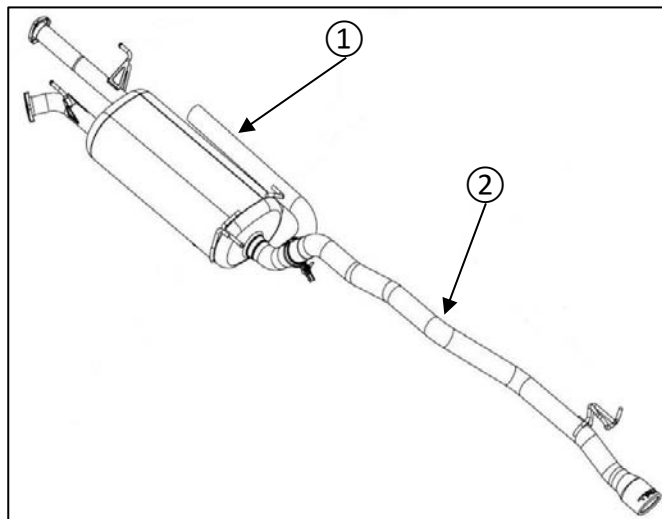
Recommended Sequence of Application

| Item # | Accessory |
|--------|-------------------------|
| 1 | Center Muffler Assembly |
| 2 | Tail Pipe Assembly |

*Mandatory

Vehicle Service Parts (may be required for reassembly)

| Item # | Qty. | Part No. | Description |
|--------|------|-------------|------------------------|
| 1 | 2 | 90917-A6002 | Gasket |
| 2 | 4 | 90105-A0369 | Bolt, Flange |
| 3 | 1 | 90917-06093 | Gasket, V-Band |
| 4 | 1 | 90461-15017 | Clamp, V-Band |
| 5 | 1 | 90119-A0380 | Bolt w/ Washer, V-Band |

**Recommended Tools**

| Personal & Vehicle Protection | Notes |
|-------------------------------|-------------------------|
| None | |
| | |
| Special Tools | Notes |
| Exhaust Hanger Tool | e.g. Snap On P/N YA3202 |
| | |
| Installation Tools | Notes |
| Ratchet | 3/8" Drive |
| Socket | 12, 14 mm |
| 3" Ratchet Extension | 3/8" Drive |
| Torque Wrench | 50 ft-lbf (70 N-m) |
| | |
| Special Chemicals | Notes |
| Lubricant | Soap and Water |
| | |

Legend**STOP:** Damage to the vehicle may occur. Do not proceed until process has been complied with.**OPERATOR SAFETY:** Use caution to avoid risk of injury.**CAUTION:** A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle and to ensure a quality installation.**TOOLS & EQUIPMENT:** Used in Figures calls out the specific tools and equipment recommended for this process.**REVISION MARK:** This mark highlights a change in installation with respect to previous issue.**SAFETY TORQUE:** This mark indicates that torque is related to safety.**REGULATORY MARK:** This mark indicates the component is related to regulatory compliance

Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

These guidelines can be found in the "Accessory Installation Practices" document.

This document covers such items as:

- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.).
- Safety (eye protection, rechecking torque procedure, etc.).
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

Please see your Toyota dealer for a copy of this document.

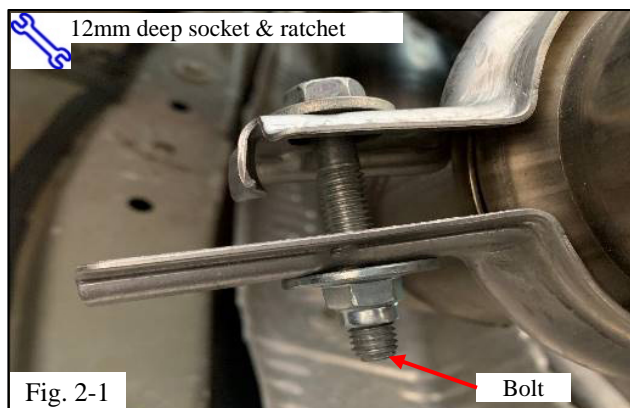
1. Check the Kit Contents.



- (a) Make sure that the kit contains all the parts listed in the kit contents.

2. Remove the Factory Exhaust System.

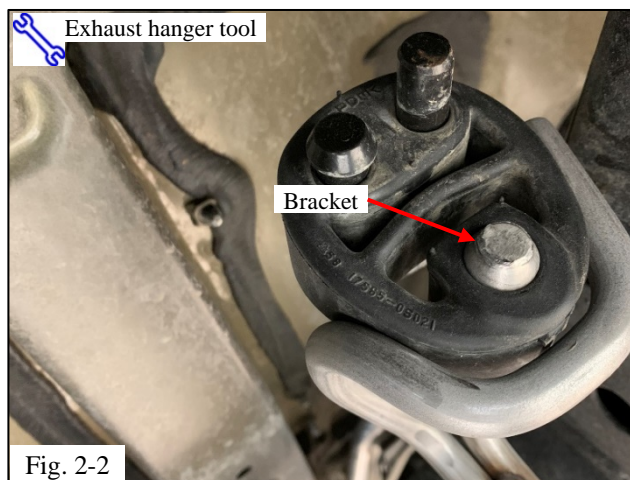
- (a) Remove the V-band clamp bolt and clamp located in the rear of the original equipment (OE) muffler (Fig. 2-1).



- (b) Pry the passenger side tailpipe bracket loose from the rubber hanger (Fig. 2-2).

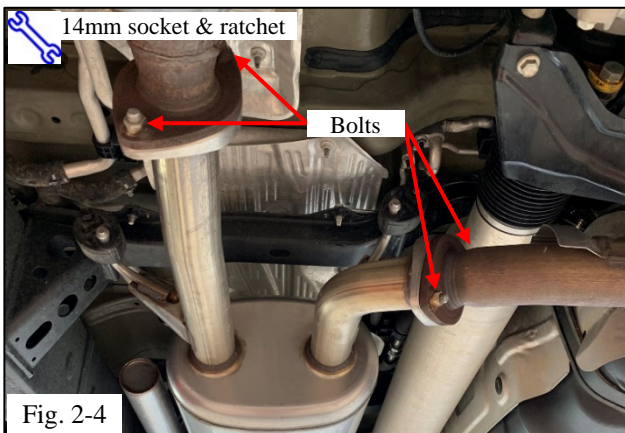


NOTE: Lubrication (such as soap and water) on the rubber exhaust hangers can facilitate removal and installation of the rubber hangers.



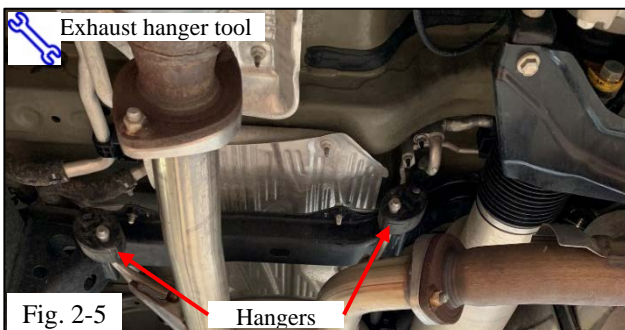


- (c) Remove the OE tailpipe assembly from the vehicle (Fig. 2-3).
- (d) Leave the OE rubber hanger that held the OE tailpipe on the vehicle rod hanger.

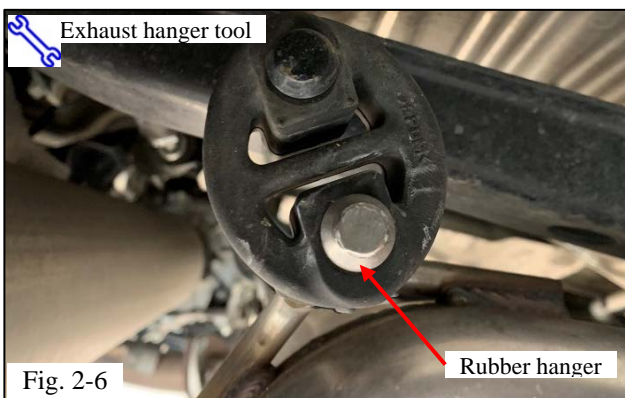


- (e) Remove the four bolts from the two front flanges located between the catalytic converters and the OE center muffler assembly front pipes (Fig. 2-4).

NOTE: Retain the four bolts and two gaskets for reuse.



- (f) Pry both OE center muffler assembly front pipe hangers loose from the two rubber hangers, located in front of the muffler, and leave the rubber hangers in place on the vehicle (Fig. 2-5).

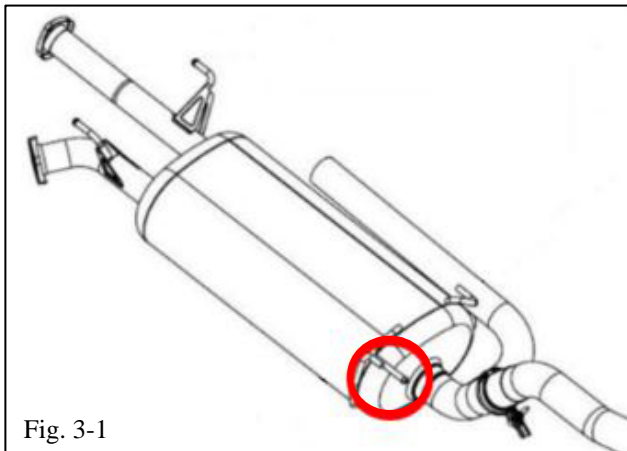


- (g) Pry the rubber hanger located at the back of the muffler loose from the vehicle side hanger rod (Fig. 2-6).

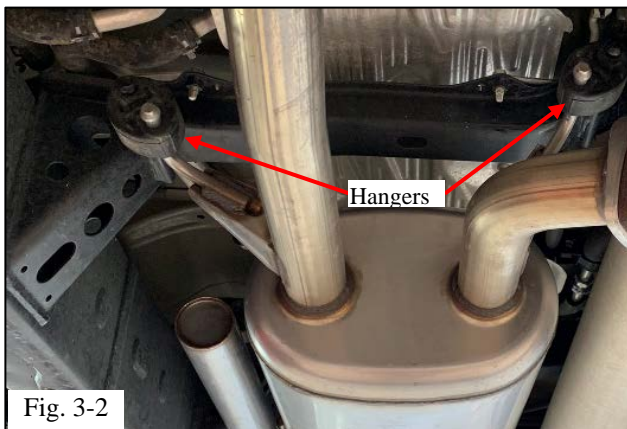


- (h) Remove the OE center muffler assembly; remove the rubber hanger from the rear of the muffler (Fig. 2-7).

3. Install the TRD Exhaust System.



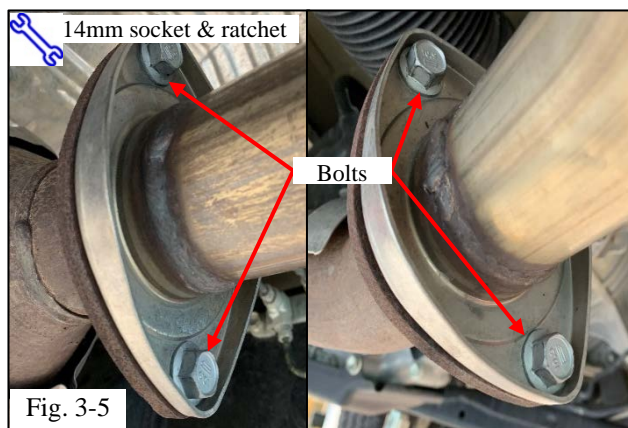
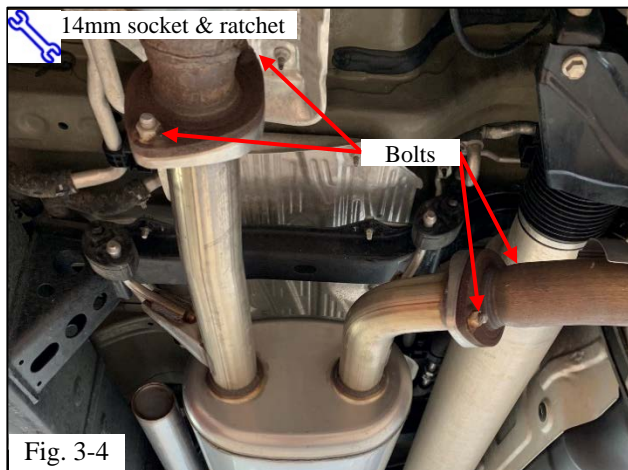
- (a) Install the rubber hanger removed in Step 2(h) to the rear hanger of the TRD muffler assembly (Fig. 3-1).




- (b) Attach the two hanger brackets of the TRD center muffler assembly front pipes to the existing rubber hangers and rods on the vehicle frame (Fig. 3-2).



- (c) Attach the rubber hanger on the rear of the TRD center muffler assembly to the hanger on the vehicle frame (Fig. 3-3).





(d) **PPO Only:** Verify the OE gaskets at the two front flanges, located between the catalytic converters and muffler front pipes, are in place before reconnecting the pipes.


 (e) **DIO Only:** Replace the gaskets at the two front flanges, located between the catalytic converters and muffler front pipes, with new parts (Part Number: 90917-A6002).

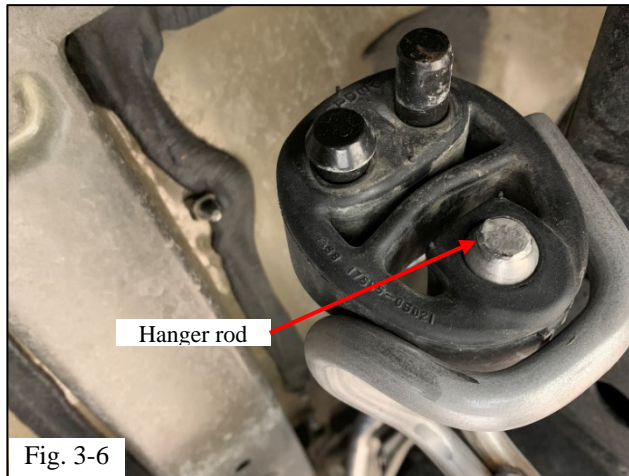
(f) Align the TRD center muffler assembly front pipes with the catalytic converters' rear pipes. Reinstall the OE bolts (removed in Step 2(e)) on both flanges evenly, ensuring proper flange alignment (Fig. 3-4 & 3-5).

Torque: 35 ft-lbf (48 N-m)

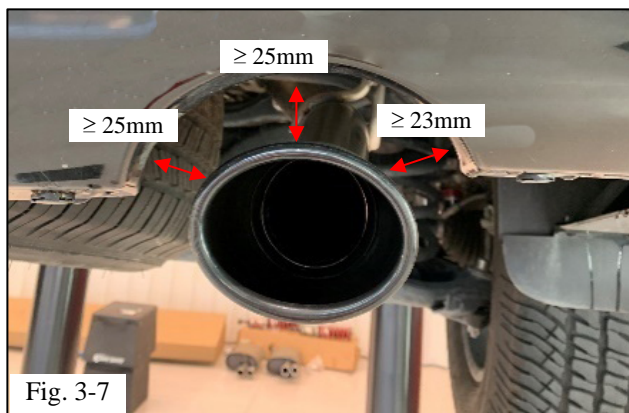
 **NOTE:** Verify the gap between the flanges is even on both sides of the bolts.

 (g) **PPO Only:** Remove the OE gasket and clamp from the stock exhaust at the rear V-band joint, located between the rear of the muffler and the tailpipe. Install this gasket to the TRD muffler, before connecting the tail pipe.

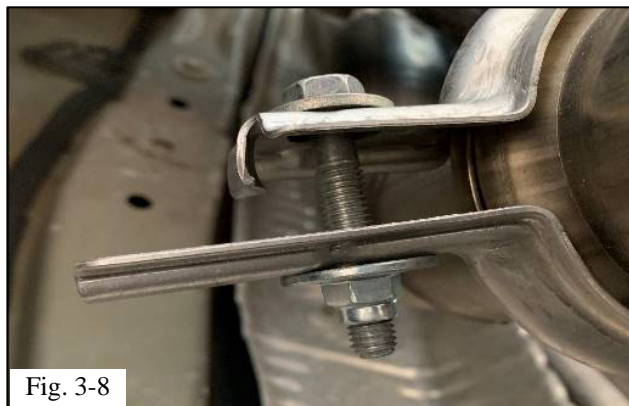
 (h) **DIO Only:** Replace the gasket and clamp at the rear V-clamp, located between the rear of the muffler and the tailpipe, with new parts (Part Numbers: 90917-06093, 90461-15017).



- (i) Attach the hanger rod of the TRD tailpipe assembly to the rubber hanger on the vehicle frame (Fig. 3-6).




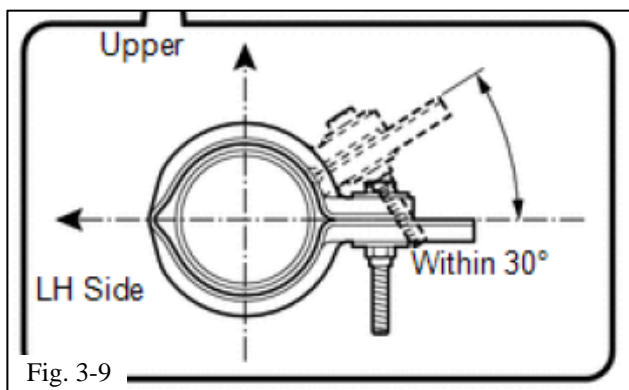
- (j) Align the tailpipe with the rear panel so that the sides are even, and the top has clearance as shown (Fig. 3-7).



- (k) Tighten the V-clamp between the rear of the muffler and the front of the tailpipe (Fig. 3-8). Ensure it is in the proper orientation (Fig. 3-9).

Torque: 24 ft-lbf (32 N-m)

-  (l) Wipe the exhaust tip with glass cleaner and a non-scratching clean cloth if necessary. This is to remove any fingerprints or smudge marks, to prevent staining of the exhaust tips when they are first heated.



Checklist - these points **MUST** be checked to ensure a quality installation.

| Check: | Look For: |
|---|--|
| <p><u>Accessory Function Checks</u></p> <p><input type="checkbox"/> Verify parts</p> <p><input type="checkbox"/> Correct part has been installed</p> <p>All joints have been securely fastened</p> <p><input type="checkbox"/> Front Flange (x2)</p> <p><input type="checkbox"/> V-Band Clamp</p> <p><input type="checkbox"/> Hooks/hangers have been securely reattached</p> | <p>Removed items have been discarded & replaced items are in place</p> <p>Verify part number on package</p> <p>Verify joints are tightened</p> <p>Torque: 35 ft-lbf (48 N-m)</p> <p>Torque: 24 ft-lbf (32 N-m)</p> <p>Verify hooks/hangers are securely attached</p> |
| <p><u>Vehicle Function Checks</u></p> <p><input type="checkbox"/> Check for leaks</p> <p>Check for exhaust tip fitment in rear panel</p> <p><input type="checkbox"/> Top</p> <p><input type="checkbox"/> Inboard Side</p> <p><input type="checkbox"/> Outboard Side</p> | <p>Verify the pipe flange and clamp joints do not have abnormal leak sound or water leak</p> <p>Verify exhaust tip is not contacting rear panel and is positioned as specified.</p> <p>≥ 25mm</p> <p>≥ 25mm</p> <p>≥ 23mm</p> |
| <p><u>Vehicle Appearance Check</u></p> <p><input type="checkbox"/> After accessory installation and removal of protective cover(s), perform a visual inspection.</p> | <p>Ensure no damage (including scuffs and scratches) was caused during the installation process.</p> <p>(For PPO installations, refer to TMS Accessory Quality Shipping Standard.)</p> |