

Part Number: PTR31-35130 / 35131**Kit Contents**

Item #	Quantity Reqd.	Description
1	1	Muffler Assembly
2		
3		

Hardware Bag Contents

Item #	Quantity Reqd.	Description
1	1	Installation Instructions
2		
3		

Additional Items Required For Installation

Item #	Quantity Reqd.	Description
1		
2		
3		

Conflicts

X-Runner, B-Cab, All 4-Cylinder Engine
--

Recommended Tools

Personal & Vehicle Protection	Notes
None	
Special Tools	Notes
Exhaust Hanger Tool	e.g. Snap On P/N YA3202
Installation Tools	Notes
Socket	14 mm
Torque Wrench	50 lbf.ft
Special Chemicals	Notes
Lubricant	Soap and Water

General Applicability

PTR31-35130 – D-Cab Long Bed – V6 only
PTR31-35131 – C-Cab, and D-Cab Standard Bed – V6 only

Recommended Sequence of Application

Item #	Accessory
1	
2	
3	

*Mandatory

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Reqd.	Description
1	1	17451-0A010 Exhaust Gasket (Not included in Kit)
2		
3		

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.

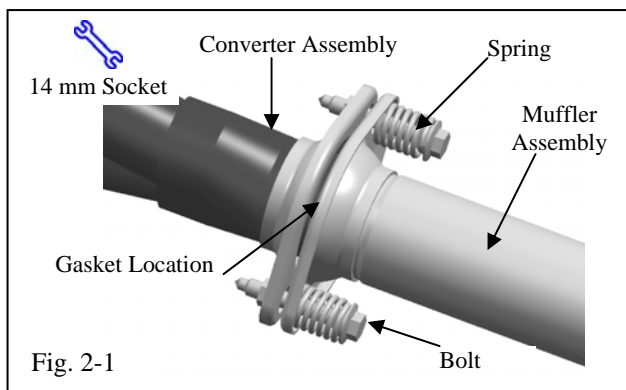
Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

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 content.



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

2. Remove Existing Exhaust System.

- (a) Remove two bolts with springs from flange located between catalytic converter and rear muffler. (Fig. 2-1)



- (b) Keep all original equipment (OE); bolts, springs. (Fig. 2-1)

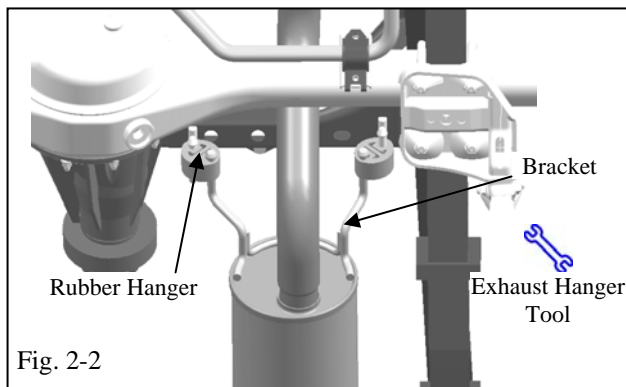


- (1) Ensure that gasket remains on converter assembly flange.



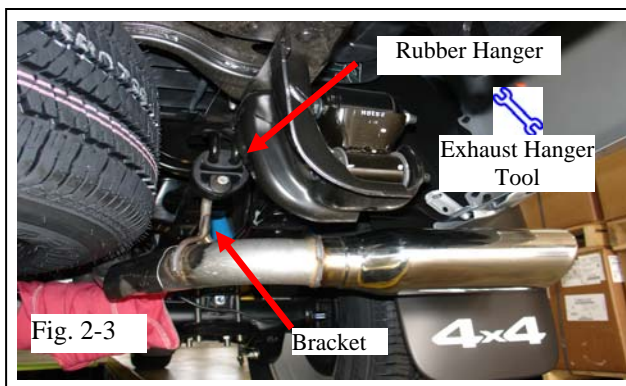
NOTE: For DIO installation gasket must be replaced – P/N 17451-0A010. Follow procedure in Repair Manual.

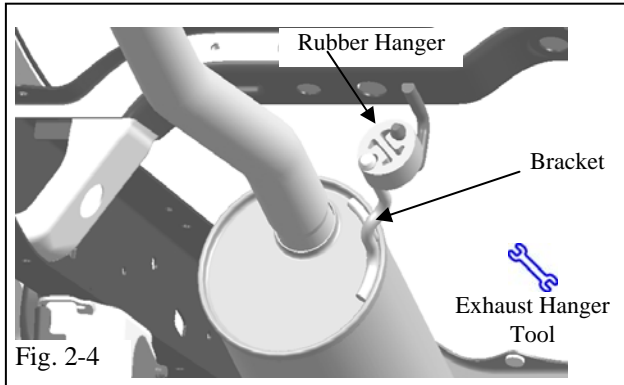
- (c) Pry the rear muffler exhaust brackets loose from the rubber hangers. (Fig. 2-2)



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

- (d) Pry the tailpipe bracket loose from the rubber hanger. (Fig. 2-3)

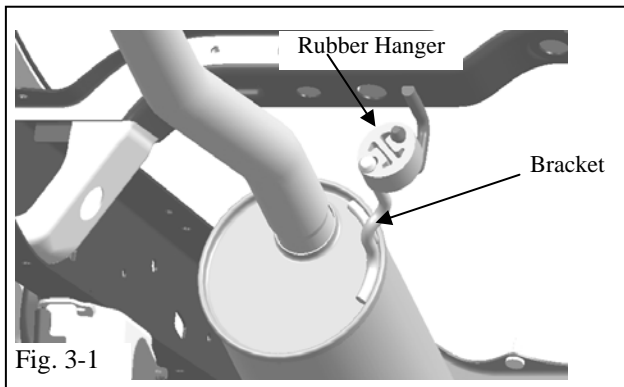




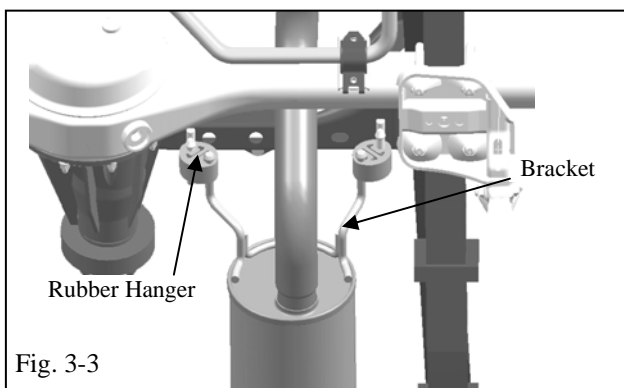
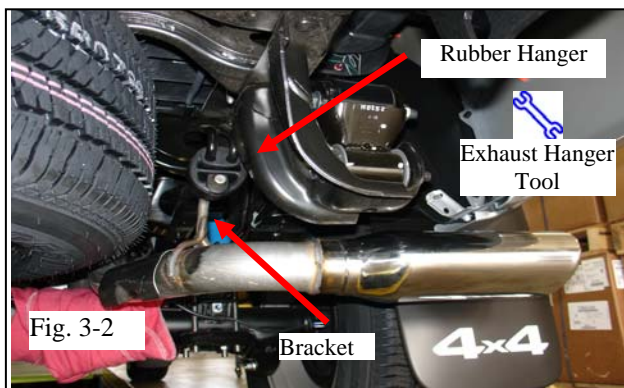
Pry the muffler front exhaust bracket loose from the rubber hanger. (Fig. 2-4)

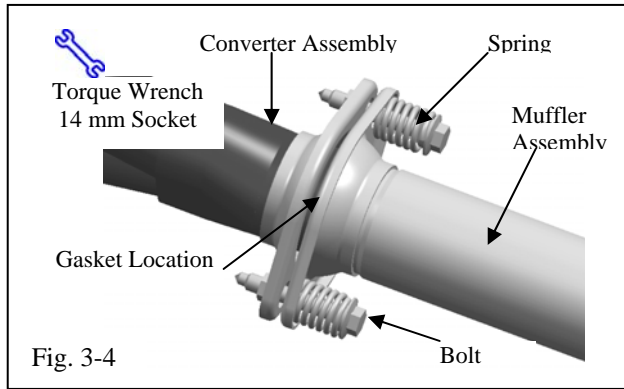
- (e) Do not remove the original rubber hangers (OE) from the vehicle; four (4) in total.
- (f) Remove the OE muffler assembly from the vehicle.

3. Installation of Exhaust System.



- (a) Connect muffler front hanger to OE rubber hanger. (Fig. 3-1)
- (b) Connect tailpipe hanger to OE rubber hanger. (Fig. 3-2)
- (c) Connect muffler rear hangers to OE rubber hangers (Fig 3-3)
- (d) Make sure muffler flange is lined up to converter assembly flange.





Position muffler flange to connect to OE front converter assembly, install exhaust gasket in between the muffler flange and the converter flange. Reinstall two (2) OE springs and bolts. (Fig. 3-4)



(e) Tighten bolts to 43 N·m (32 ft·lbf) (Fig. 3-4).

Torque: 43 N·m (32 ft·lbf)

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

Check:

Look For:

Accessory Function Checks

- ☐ Correct part has been installed.
- ☐ All joints have been securely fastened.
- ☐ Hooks/hangers have been securely reattached.

Verify part number on package.

Verify joints are tightened.

Verify hooks/hangers are securely attached.

Vehicle Function Checks

-  ☐ Bolt torque - muffler to converter assembly.

Audit torque: 32 +19 / -5 lb-ft
(43 +26 / -6 N-m)

Vehicle Appearance Check

- ☐ After accessory installation and removal of protective cover(s), perform a visual inspection.

Ensure no damage (including scuffs and scratches) was caused during the installation process.

(For PPO installations, refer to TMS Accessory Quality Shipping Standard.)