

**Part Number: PT909-35060**

**NOTE:** Part number of this accessory may not be the same as the part number shown.

**Kit Contents**

Item #	Quantity Req'd.	Description
1	1	Front Muffler Assembly
2	1	Driver Side Tailpipe Assembly
3	1	Passenger Side Tailpipe Assembly
4	1	Hardware Bag

**Hardware Bag Contents**

Item #	Quantity Req'd.	Description
1	2	Gasket P/N 90917-06076
2	4	M10 x 1.5 Flanged Crimped Nuts
3	4	M10 x 1.5 x 35mm Long Flange Head Bolts
4	2	M8 x 1.25 x 20mm Flange Head Bolts
5	2	M8 x 1.25 Flanged Crimp Nuts
6	1	Installation Instructions
7	1	Rubber Hanger
8	1	Exhaust Hanger Mount

**Additional Items Required For Installation**

Item #	Quantity Req'd.	Description
1	1	Center Exhaust Pipe Gasket (PN: 90917-06085)
2	1	Center Exhaust Pipe Clamp (PN: 90080-46263)

**Conflicts**

--

**Recommended Tools**

<b>Personal &amp; Vehicle Protection</b>	<b>Notes</b>
None	
<b>Special Tools</b>	<b>Notes</b>
Exhaust Hanger Removal Tool	e.g. Snap On P/N YA3202
Wood Block	60 mm X 25 mm cross section
<b>Installation Tools</b>	<b>Notes</b>
Socket	12 mm, 13 mm, 15 mm
Wrenches	12 mm, 13 mm, 15 mm
Torque Wrench	50 lbf.ft
<b>Special Chemicals</b>	<b>Notes</b>
Lubricant	Soap and Water

**General Applicability**

2000-2006MY TUNDRA V8 Models
------------------------------

**Recommended Sequence of Application**

Item #	Accessory
1	

\*Mandatory

**Vehicle Service Parts** (may be required for reassembly)

Item #	Quantity Req'd.	Description
1		
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.

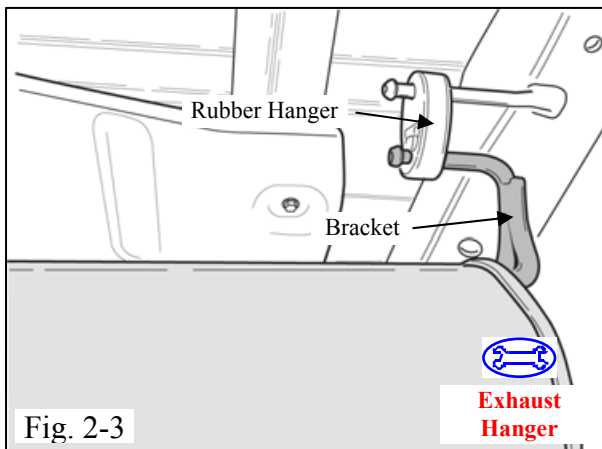
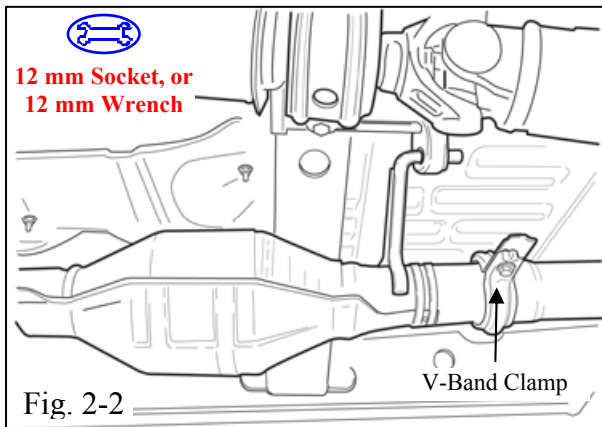
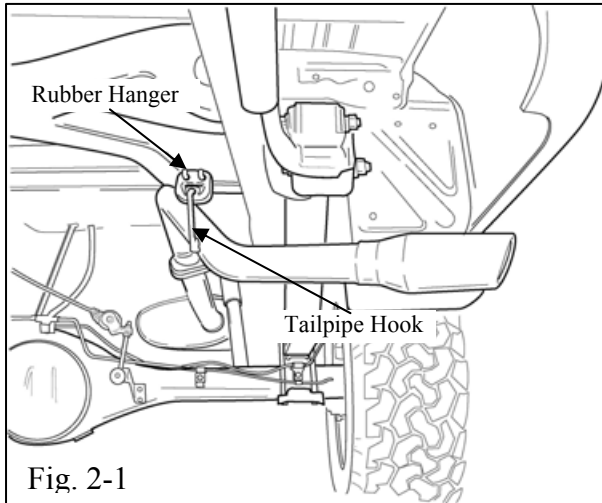
Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

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 passenger's side tailpipe hook from rubber hanger. (Fig. 2-1)
- (b) Remove V-Band Clamp bolt (Fig. 2-2):

### 49-State Trucks:

1. V-Band Clamp located between rear and front muffler.

### California spec models:

1. V-Band Clamp located between 3rd catalytic converter and rear muffler.

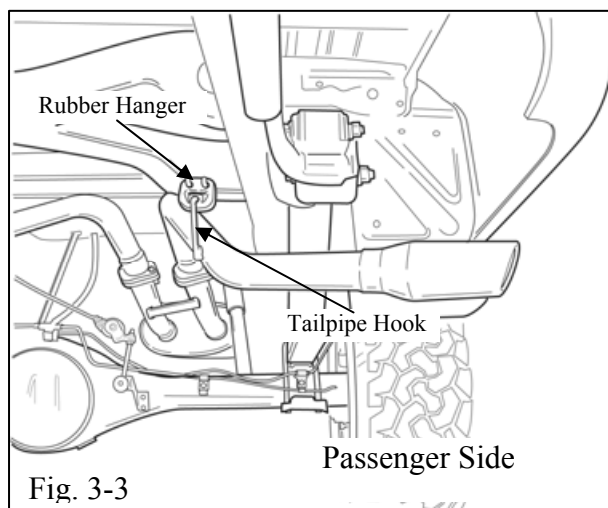
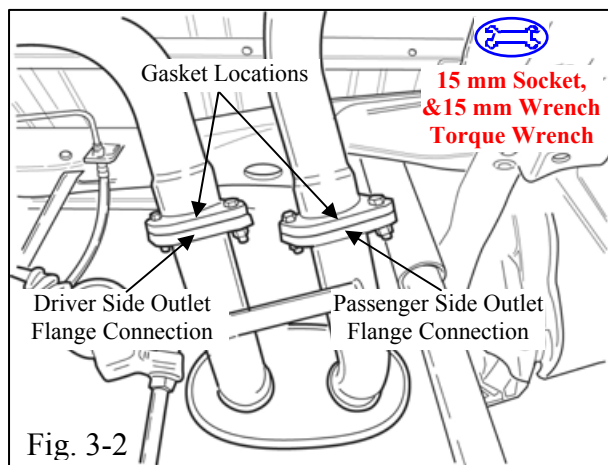
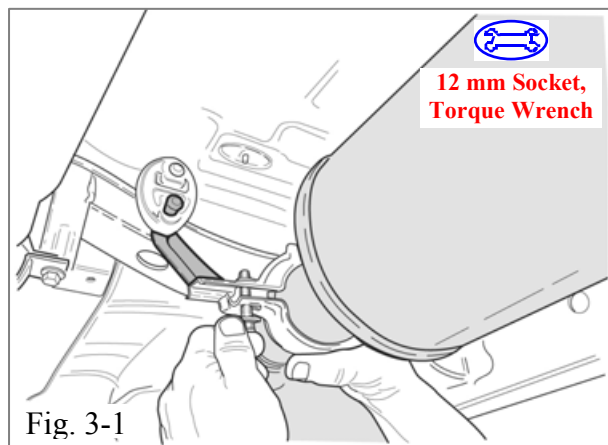



- (c) Keep all original exhaust hardware (bolts) and discard the clamp and gasket. (Fig. 2-2)
- (d) Pry the exhaust brackets loose from the rubber hangers. (Fig. 2-3)

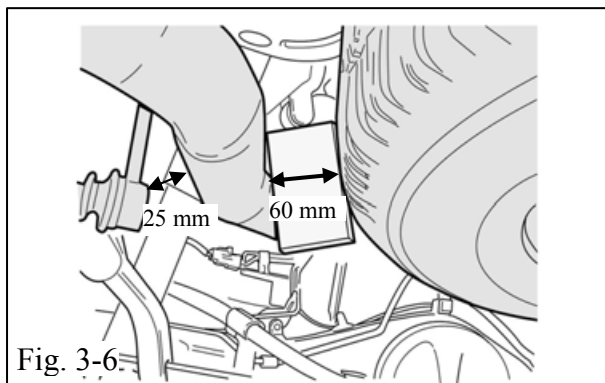
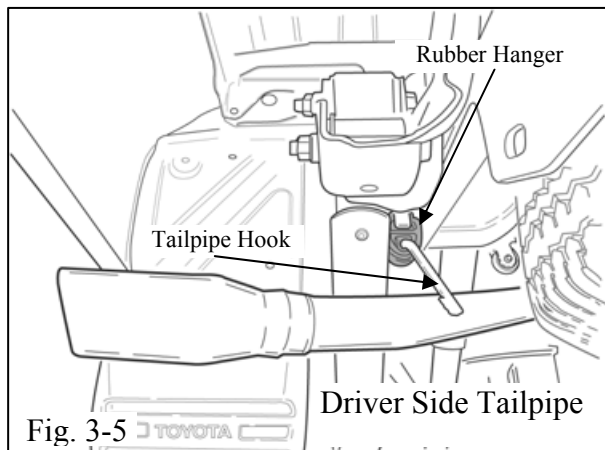
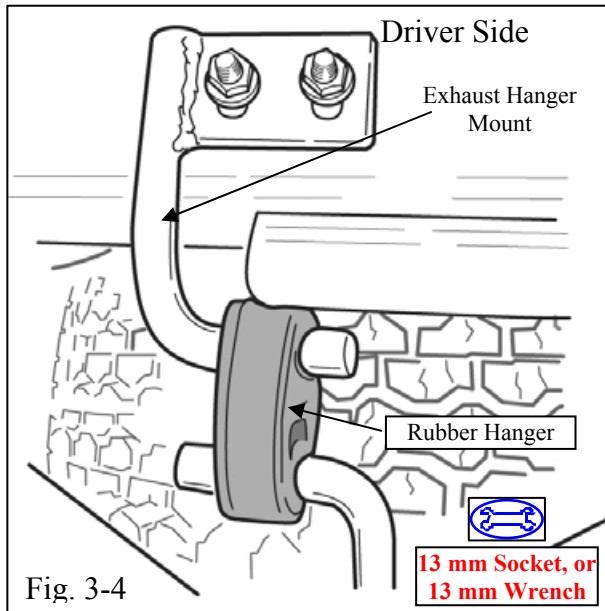
**NOTE:** Lubrication (such as "soap and water") on the rubber exhaust hangers can facilitate removal of rubber hangers.

- (e) Remove the muffler and tailpipe assembly from the truck.
- (f) Remove the rubber hangers that held the OE muffler and install them on the new muffler.

### 3. Installation of Dual Exhaust System



- (a) Install the flared end of the muffler first and connect rubber hangers to support brackets.
  - (1) Replace the OE center pipe gasket with a new one. (PN: 90917-06085)
  - (2) Replace the OE center pipe clamp with a new one. (PN: 90080-46263)
- (b) Reinstall V-Band clamp and securely tighten the clamp. (Fig. 3-1)
  -  (1) Tighten to 24 lbf•ft (32 N•m)
- (c) Install supplied gaskets P/N 90917-06072 on the outlet of the muffler. (Fig. 3-2)
- (d) Install passenger side tailpipe by mounting tailpipe hook (near tip) into OE rubber hanger. (Fig. 3-3)
- (e) Connect the passenger side tailpipe to the passenger side outlet flange, using bolts and nuts provided. (Fig. 3-2)
  - (1) Hand tighten flange connection only.



(f) Install driver side exhaust hanger mount into existing holes on vehicle rail using supplied hardware. (Fig. 3-4)

(1) The mounting holes for the exhaust hanger mount are located on the frame rail approximately 2 ft. toward the back from the rear frame bump stop.

(2) Hand tighten only.

(g) Install rubber hanger onto hook protruding from exhaust hanger mount. (Fig. 3-4)

(h) Install driver side tailpipe by mounting tailpipe hook (near tip) into rubber hanger located on exhaust hanger mount. (Fig. 3-5)

(i) Connect the driver side tailpipe to the driver side outlet flange connection, using bolts and nuts provided. (Fig. 3-2)

(1) Hand tighten flange connection only.

(j) Securely fasten the passenger's side tailpipe to the outlet flange connections. (Fig. 3-2)



(1) The top of the passenger's side tailpipe tip should be ~ 25 mm  $\pm$  5 mm below the lower edge of the truck bed side.



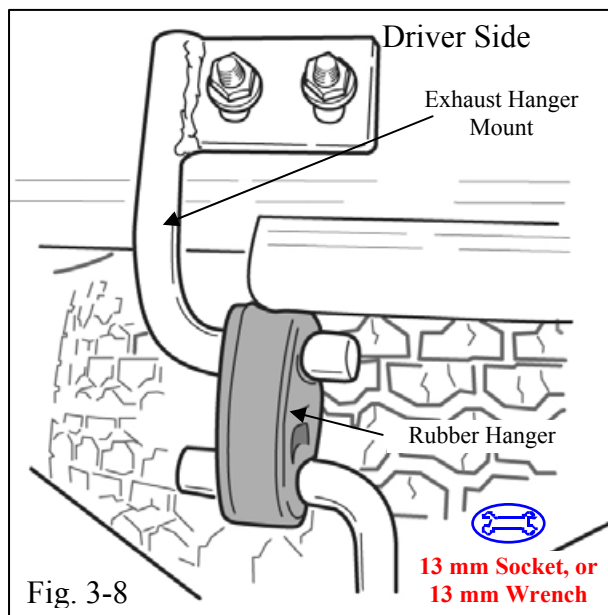
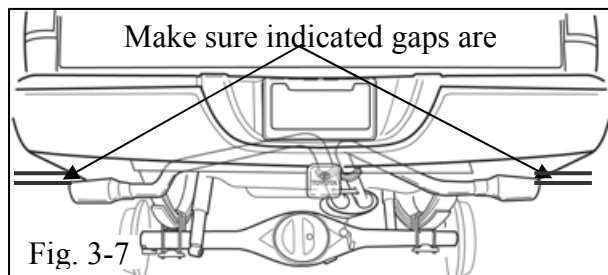
(2) Tighten to 33 lbf•ft (44 N•m)

(k) Check clearances of following items, adjust pipes at connection flange if necessary. (Fig. 3-6)



(1) Adjust driver's side tailpipe tip to have a clearance of 60 mm  $\pm$  5 mm of spare tire. (Spare tire may have to be loosened and adjusted)





(2) Adjust driver's side tailpipe to have a clearance of  $30 \text{ mm} \pm 15 \text{ mm}$  as it passes under bed support.

(3) Adjust driver's side tailpipe tip to have a clearance  $25 \text{ mm} \pm 5 \text{ mm}$  of rear stabilizer. (Sport Model only)

**NOTE:** Use a 60 mm X 25 mm block of wood to check these clearances.

(4) Tighten driver's side connection flange to flange to 33 lbf•ft (44 N•m)

(l) Adjust driver side tailpipe tip to match the same spacing between the passenger side tip and the lower side of the truck bed.

(Fig. 3-7). The driver side exhaust hanger mount may be adjusted either up or down to get the correct spacing. (Fig. 3-8)



(1) The top of the passenger side tailpipe should be  $\sim 25 \text{ mm} \pm 5 \text{ mm}$  below the lower edge of the truck bed side.

(2) The top of the driver side tailpipe should be  $\sim 25 \text{ mm} \pm 5 \text{ mm}$  below the lower edge of the truck bed side and within 5 mm of passenger side.

(m) Once the tailpipe tips on the driver side and passenger side are lined up (within  $\pm 5 \text{ mm}$ ), fully tighten both nuts and bolts provided on driver side exhaust hanger mount.

(n) Double check all above dimensions (spare tire  $60 \text{ mm} \pm 5 \text{ mm}$ , rear stabilizer  $25 \text{ mm} \pm 5 \text{ mm}$ , and bed support  $30 \text{ mm} \pm 15 \text{ mm}$ ) and adjust if necessary.

**TOYOTA TUNDRA 2000 - TRD DUAL EXHAUST**  
 Checklist - these points **MUST** be checked to ensure a quality installation.

Check:	Look For:
<p><u>Accessory Function Checks</u></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Correct part has been installed.</li> <li><input type="checkbox"/> All joints have been securely fastened.</li> <li><input type="checkbox"/> Hooks/hangers have been securely reattached.</li> <li><input type="checkbox"/> Start the vehicle.</li> <li><input type="checkbox"/> Tailpipe alignment.</li> </ul>	<p>Verify part number on package.</p> <p>Verify joints are tightened.</p> <p>Verify hooks/hangers are securely attached.</p> <p>Verify the flange joints do not have abnormal leak sound or water leak.</p> <p>Verify the tailpipe tips on the driver side and passenger side are lined up within <math>\pm 5</math> mm).</p>
<p><u>Vehicle Function Checks</u></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Tailpipe clearance to body</li> <li><input type="checkbox"/> Spare tire clearance</li> <li><input type="checkbox"/> Bed support clearance</li> <li><input type="checkbox"/> Rear stabilizer bar clearance</li> <li> <input type="checkbox"/> Inspection torque - muffler to converter assembly.</li> <li> <input type="checkbox"/> Inspection torque – tailpipe assembly to outlet flange.</li> </ul>	<p>25 mm <math>\pm</math> 5 mm</p> <p>60 mm <math>\pm</math> 5 mm</p> <p>30 mm <math>\pm</math> 15 mm</p> <p>25 mm <math>\pm</math> 5 mm</p> <p>32+/- 5 lbf-ft (43 +/- 6 N-m).</p> <p>24+/- 5 lbf-ft (32 +/- 6 N-m).</p>