

Part Number: PTR06-02140

Kit Contents

Item #	Quantity Req'd.	Description
1	1	Muffler tail pipe assembly



Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Req'd.	Description
1	1	Exhaust Gasket Part No: 17451-0D132 DIO ONLY
2		
3		

Additional Items Required For Installation

Item #	Quantity Req'd.	Description
1		

Conflicts

None

Recommended Tools

Personal & Vehicle Protection		Notes
Special Tools		Notes
Exhaust Hanger Removal Tool		e.g. Snap On P/N YA3202
Installation Tools		Notes
Item#		
1	Exhaust Hanger Removal Tool	
2	Ratchet	3/8" Drive
3	Ratchet Extension	3/8" Drive 6-10"
4	Sockets	3/8" Drive 14mm Deep
5	Torque Wrench	Up to 32 lbf-ft (43 N·m)
Special Chemicals		Notes
Lubricant		Soap & Water (If Required)
Cleaner		VDC Approved Cleaner

General Applicability

2014 MY TOYOTA COROLLA

Recommended Sequence of Application

Item #	Accessory
1	
2	

*Mandatory

Torque Specifications

Hardware Type	Metric Torque (N·m)	SAE Torque (ft·lbf)
Spring Bolts	43	32

Legend

STOP: Damage to the vehicle may occur. Do not proceed until process has been complied with.

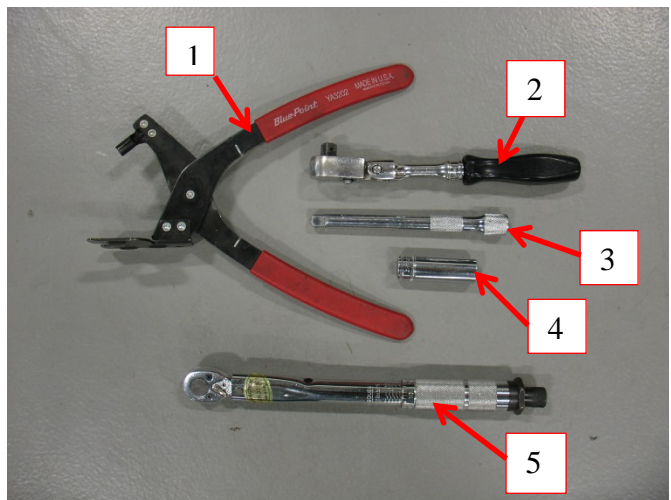
OPERATOR SAFETY: Use caution to avoid risk of injury.

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 contents.

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

 **NOTE:** Do not remove any plastic wrapping protection material from tip until is it installed.

2. Remove the Existing Exhaust System.

-  (a) CAUTION - Exhaust system may be hot.
- (b) Use a 14mm socket and extension to remove the two bolts from the muffler flange and separate the two pipes (Fig 2-1).
-  (c) Keep all original equipment (OE) nuts, bolts and springs for reuse. The gasket should remain in place.

NOTE: For DIO installation, the exhaust gasket must be replaced – P/N 17451-0D132.

- (d) Use the hanger removal tool to pry the two muffler hanger brackets loose from the rubber hangers (One in the front and one in the rear, of the muffler). Be sure to remove the bracket from the lower hole in the hanger, leaving the rubber hanger in place on the vehicle (Fig. 2-2). Remove the muffler from the vehicle.

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



Fig. 2-1

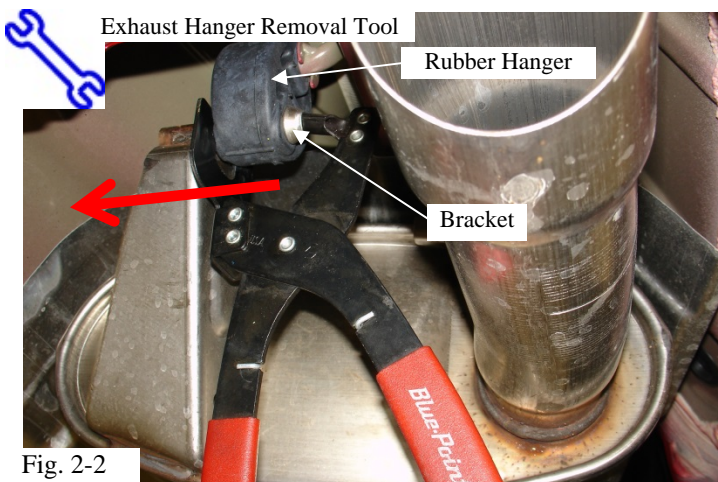
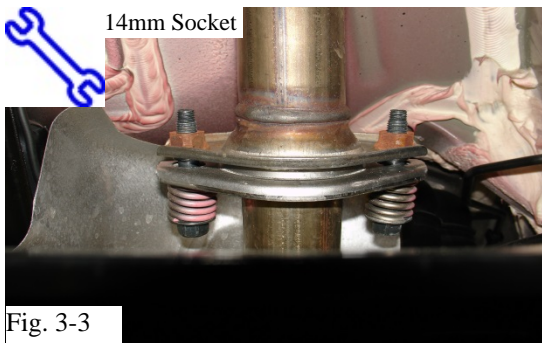
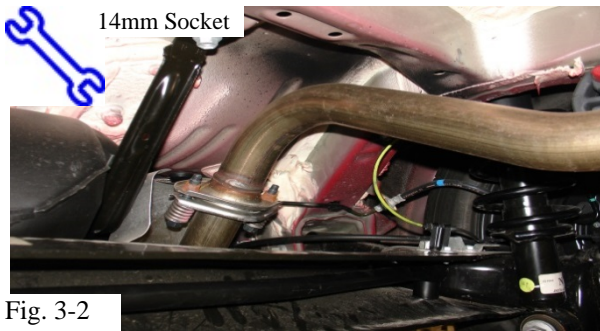
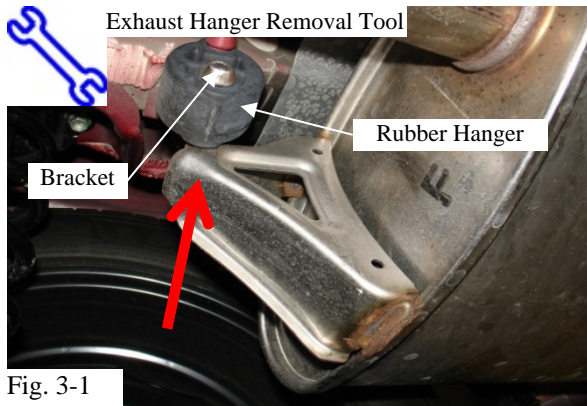


Fig. 2-2




3. Installation of the TRD Sport Muffler

- (a) Install the TRD sport muffler into the rubber hangers (Fig 3-1).


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

- (b) When the brackets are installed into the rubber hangers, reinstall the two bolts and two springs, removed in Step 2(b), to mate the midpipe and muffler flanges together. Then tighten the bolts, in equal steps, to 43 N-m (32 ft- lbf) (Fig. 3-2 & Fig. 3-3).

Torque: 43Nm (32 ft-lbf)

-  (c) Confirm that the position of the exhaust tip is centered in the bumper cutout with a vertical gap measured from the top of the tip to the inside edge of the fascia of 20mm minimum (Fig 3-4).

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

<u>Check:</u>	<u>Look For:</u>
<p><u>Accessory Function Checks</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> All joints have been securely fastened. <input type="checkbox"/> Hooks/hangers have been securely reattached. <input type="checkbox"/> Start the vehicle & check for air leaks 	<p>Verify joints are tightened.</p> <p>Verify hooks/hangers are securely attached.</p> <p>Verify the flange joints do not have an abnormal leak sound or water leak.</p>
<p><u>Vehicle Function Checks</u></p> <p> <input type="checkbox"/> Inspection torque – outlet flange to TRD muffler inlet pipe</p>	<p>43 Nm +/- 8.5 Nm (32 ft-lbf +/- 6.0 ft-lbf)</p>
<p><u>Vehicle Appearance Check</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> After accessory installation and removal of protective cover(s), perform a visual inspection. 	<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>