

Part Number: PTR03-53140

Kit Contents

Item #	Quantity Reqd.	Description
1	1	Muffler Assembly - Right
2	1	Muffler Assembly - Left

Hardware Bag Contents

Item #	Quantity Reqd.	Description
1		

Additional Items Required For Installation

Item #	Quantity Reqd.	Description
1		

Conflicts

Non-V6 models

Recommended Tools

Personal & Vehicle Protection	Notes
Special Tools	Notes
Exhaust Hanger Removal Tool	e.g. Snap On P/N YA3202
Interchangeable Head for Pre-Set Torque Wrench	14mm Box End CDI Part#: QJXM14 www.cditorque.com
Pre-Set Torque Wrench	"J" Size Shank, Up to 50 lbf.ft (67.7 N.m)
Installation Tools	Notes
Wrench	14mm
Measuring Tape	
3" Extension	
14mm Swivel Socket	
Special Chemicals	Notes
Lubricant	Soap & Water (If Required)
Cleaner	VDC Approved Cleaner

General Applicability

2014 and newer V6 IS models

Recommended Sequence of Application







Item #	Accessory
1	
2	
3	

*Mandatory

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Reqd.	Description
1	1	Exhaust Gasket Part No: 17451-0D132 - DIO ONLY
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.



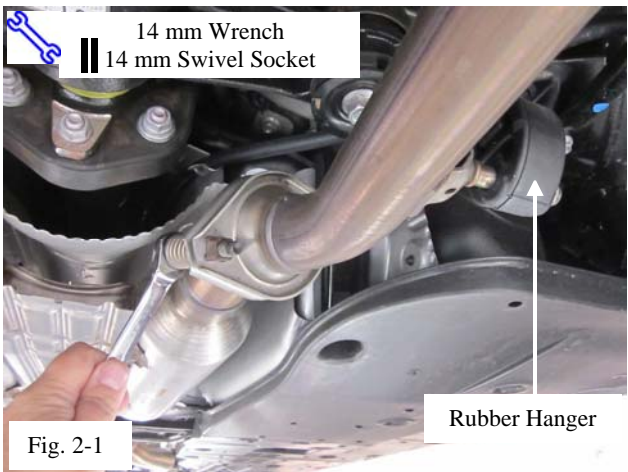
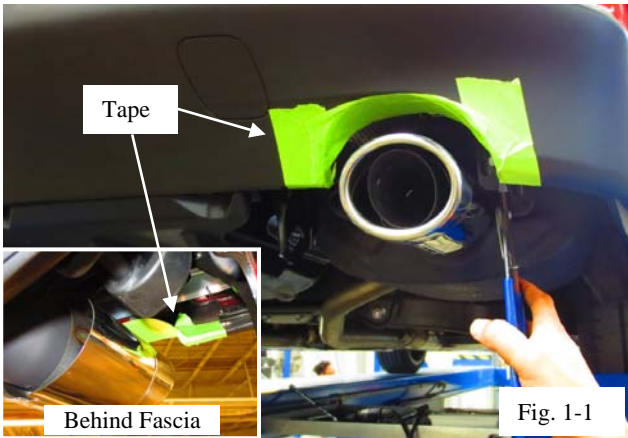
Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

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 Lexus 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.



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

- (b) Apply protection tape to the bumper fascia as shown in Fig 1-1.



NOTE: Tape must wrap behind the fascia to protect against contact with hanger tool.

2. Remove Existing Muffler Assemblies.



- (a) **CAUTION – Exhaust system may be hot.**

- (b) Remove the two spring bolts from the flanges behind the catalytic converters. (Fig 2-1)

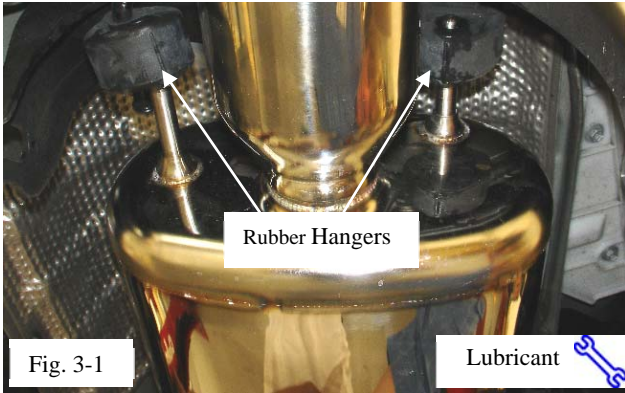


NOTE: Upper bolts on both flanges require swivel socket to remove.



NOTE: When loosening the flange bolts, loosen each one gradually to prevent binding.

- (c) Pry the three hanger brackets loose from the rubber hangers. There are two on each muffler (Fig. 2-2) and one near the flange (Fig 2-1). Be sure to remove the bracket from the lower hole in the rubber hangers, leaving the rubber hanger in place on the vehicle. Remove muffler from the vehicle. **NOTE:** Lubrication (such as soap and water) on the rubber exhaust hangers can facilitate removal.



(d) Repeat steps (b) and (c) to remove the muffler from the other side.

3. Installation of TRD Sport Muffler

(a) Insert the TRD Sport Muffler hanger brackets into the rear rubber hangers (Fig. 3-1).

(b) Insert the third hanger by the flange into the rubber hanger (Fig 3-2).

(c) Install the exhaust gasket and then reinstall the two spring bolts to mate the catalytic converter and muffler flange together but *do not fully tighten*. (Fig. 3-2)

NOTE: When tightening the flange bolts, tighten each one gradually to prevent binding.

(d) Repeat steps (a), (b), and (c) for the second muffler. Remove protective tape.

NOTE: Confirm the alignment of the tip so there is a gap from the top tip to the fascia of 25 +/- 5 mm. (1" +/- 3/16) (Fig 3-3).

NOTE: Tighten all 4 flange bolts to 43 N·m (32 ft·lbf).

Torque: 43 N·m (32 ft·lbf)

NOTE: Upper fasteners require the use of an Interchangeable Head torque wrench.

(Fig 3-4)

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

<p><u>Check:</u></p>	<p><u>Look For:</u></p>
<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 	<ul style="list-style-type: none"> Verify joints are tightened Verify hooks/hangers are securely attached Verify the flange joints do not have abnormal leak sound or water leak
<p><u>Vehicle Function Checks</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Inspection torque – catalytic converter flange to TRD muffler inlet flange. 	<p>43 Nm +/- 8.5 Nm (32 lbf-ft +/- 6.0 lbf-ft)</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. <input type="checkbox"/> Clean all polished surfaces 	<ul style="list-style-type: none"> Ensure no damage (including scuffs and scratches) was caused during the installation process. (For PPO installations, refer to TMS Accessory Quality Shipping Standard.) Ensure there are no finger prints, oil or grease left on visible surfaces prior to starting vehicle.