

**Part Number: PTR03-21100**

**Kit Contents**

Item #	Quantity Reqd.	Description
1	1	Scion tC Exhaust, Sport Muffler

**Hardware Bag Contents**

Item #	Quantity Reqd.	Description
1		

**Additional Items Required For Installation**

Item #	Quantity Reqd.	Description
1		

**Conflicts**

None
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**Recommended Tools**

<b>Personal &amp; Vehicle Protection</b>	<b>Notes</b>
<b>Special Tools</b>	<b>Notes</b>
Exhaust Hanger Removal Tool	e.g. Snap On P/N YA3202
<b>Installation Tools</b>	<b>Notes</b>
Sockets	14mm
Torque Wrench	Up to 32 lbf.ft (43 N.m)
<b>Special Chemicals</b>	<b>Notes</b>
Lubricant	Soap & Water (If Required)
Cleaner	VDC Approved Cleaner

**General Applicability**

2011 MY+ Scion tC
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**Recommended Sequence of Application**

Item #	Accessory
1	
2	
3	







\*Mandatory

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

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

Item #	Quantity Reqd.	Description
1	1	Exhaust Gasket Part No: 90917-06045 - DIO ONLY
2		
3		

**Legend**

	<b>STOP:</b> Damage to the vehicle may occur. Do not proceed until process has been complied with.
	<b>OPERATOR SAFETY:</b> Use caution to avoid risk of injury.
	<b>CAUTION:</b> 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.
	<b>TOOLS &amp; EQUIPMENT:</b> Used in Figures calls out the specific tools and equipment recommended for this process.
	<b>REVISION MARK:</b> This mark highlights a change in installation with respect to previous issue.
	<b>SAFETY TORQUE:</b> This mark indicates that torque is related to safety.

Installation Procedure

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.

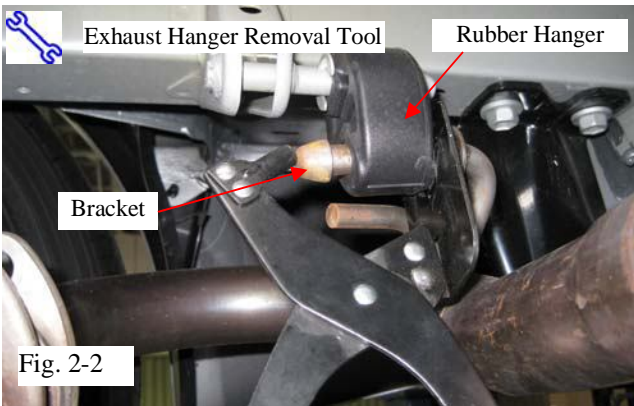



**1. Check the Kit content.**

-  (a) Make sure that the kit contains all the parts listed in the Kit Contents. Remove exhaust from plastic bag.

**2. Remove Existing Exhaust System.**

-  (a) CAUTION - Exhaust system may be hot.
- (b) Using the 14mm socket, remove the two bolts from the flange. (Fig 2-1)



-  (c) Keep all original hardware (OE) bolts and gasket.
- NOTE: For DIO installation, the exhaust gasket must be replaced – P/N 90917-06045.
- (d) Pry the two exhaust hanger brackets loose from the rubber hangers. 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)

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

- (e) Remove the muffler and tailpipe assembly from the vehicle.

NOTE: For port installations, make sure the gasket stays attached to the OE side of the flange for port installation. For DIO

installations, replace gasket with a new gasket - P/N 90917-06045.

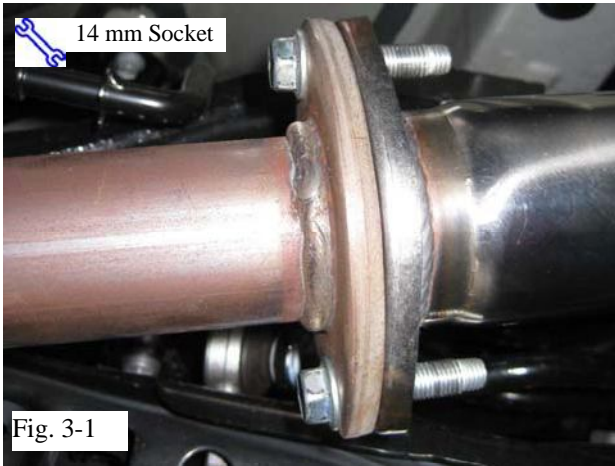


Fig. 3-1



Fig. 3-2

### 3. Installation of TRD Sport Muffler

- (a) Install the sport muffler assembly onto both rubber hangers.
- (b) Reinstall the two bolts to mate the flanges together and loosely tighten. (Fig. 3-1)
- (c) Remove plastic wrapping from muffler and tip.




- (d) Confirm the alignment of the tip so there is a gap from the top tip to the fascia of 25 +/- 5 mm. (Fig 3-2).



- (e) Tighten the bolts to 43 N-m (32 lbf-ft).
- (f) With a clean cloth, wipe the exhaust tip, piping, and muffler to remove and fingerprints or marks from handling. This prevents staining of the exhaust after it is heated.



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"/> 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> </ul>	<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><u>Vehicle Function Checks</u></p> <ul style="list-style-type: none"> <li> <input type="checkbox"/> Inspection torque – outlet flange to TRD muffler inlet pipe</li> </ul>	<p>43 Nm +/- 8.5 Nm (32 lbf-ft +/- 6.0 lbf-ft)</p>