

**Part Number: PTR60-34220**

**Kit Contents**

Item #	Quantity Reqd.	Description
1	1	Front Skid Plate

**Hardware Bag Contents**

Item #	Quantity Reqd.	Description

**Additional Items Required For Installation**

Item #	Quantity Reqd.	Description
1	2*	90119-A0549 M8 Bolt *If vehicle does not have a rear undercover. (Please see ① in Fig. 1-2 on page 2)

**Conflicts**

None
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**Recommended Tools**

<b>Personal &amp; Vehicle Protection</b>	<b>Notes</b>
Safety Glasses	
Cut Resistant Gloves	
<b>Special Tools</b>	<b>Notes</b>
<b>Installation Tools</b>	<b>Notes</b>
Ratchet	
Socket	12mm Deep Socket
Torque Wrench	10-50 ft-lb range
<b>Special Chemicals</b>	<b>Notes</b>

**General Applicability**

MY22 and newer Tundra / MY23 and newer Sequoia Models
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**Recommended Sequence of Application**








Item #	Accessory
1	Front Skid Plate
2	
3	

\*Mandatory

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

Item #	Quantity Reqd.	Description
1	6	90119-A0549 - M8 Bolts from existing undercover

**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.
	<b>REGULATORY MARK:</b> This mark indicates the component is related to regulatory compliance

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:

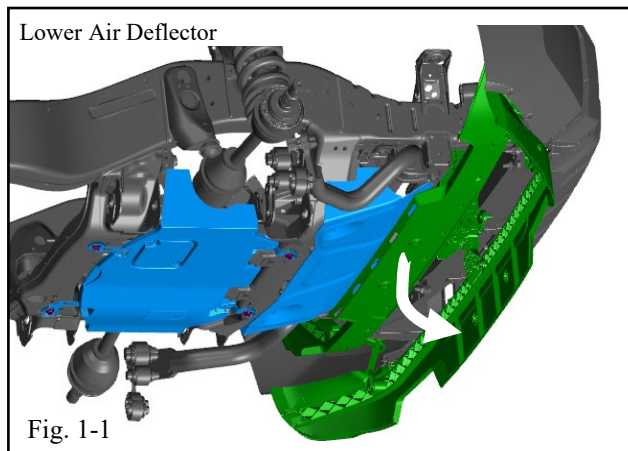
- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.).
- Safety (eye protection, rechecking torque procedure, etc.).
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

Please see your Toyota dealer for a copy of this document.

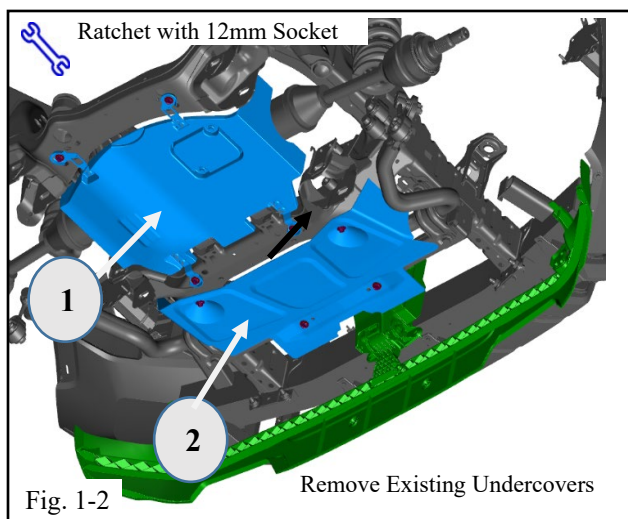
### 1. Vehicle Preparation

(a) Installation of the skid plate should not take place until the following have been completed:

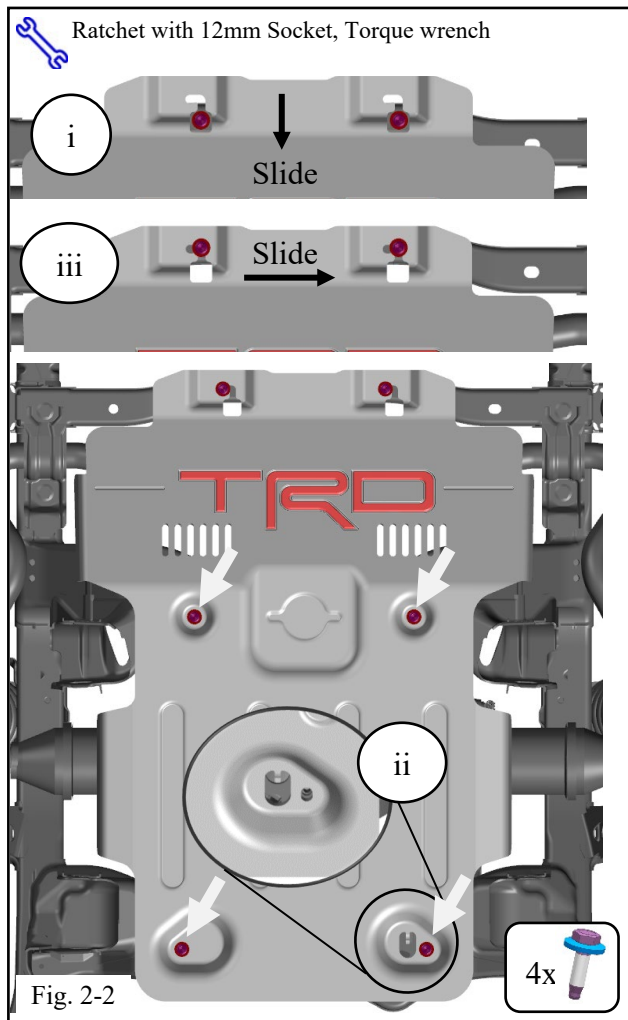
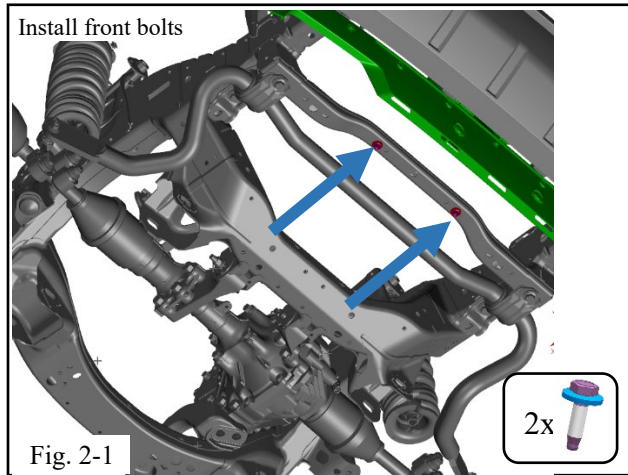
(1) Lower the air deflector. To lower the air deflector, ensure the ignition is off and shift the wiper stalk up to the “mist” position. If the air deflector is already down this step can be skipped (Fig. 1-1).



(2) Remove the existing undercovers (1 & 2). Set fasteners aside for use later (Fig. 1-2)



**NOTE:** If the vehicle does not have a rear undercover (1 in Fig 1-2) 2 additional M8 bolts (90119-A0549) should be ordered.



## 2. Skid Plate Installation

- (a) Install 2 of the M8 bolts, removed from the undercover, in the front cross member. Tighten 3 turns only (Fig. 2-1).
- (b) Install the skid plate.
  - i) Slide the skid plate onto the bolts installed in the previous step by sliding the skid plate rearward (Fig. 2-2).
  - ii) Engage the hook at the rear-left corner of the skid plate to rear cross member (Fig. 2-2).
  - iii) Slide the front of the skid plate left to fully engage front bolts making sure rear hook is still engaged. The skid plate should now be fully supported (Fig. 2-2).
- (c) Install the remaining 4 M8 bolts, removed from the existing undercover, hand tight (Fig. 2-2).
- (d) Tighten all bolts fully and torque to 29Nm (22ft-lbs), tightening order is free.

**TOYOTA**

**SKID PLATE**

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

Check:

Look For:

Accessory Function Checks

- Check that all bolts are tight.

Lightly tap skid plate with palm, you should not hear any rattling.

Vehicle Function Checks

Vehicle Appearance Check

- After accessory installation, perform a visual inspection.

Ensure no damage (including scuffs and scratches) was caused during the installation process.  
(For PPO installations, refer to TMNA Accessory Quality Shipping Standard.)