

Part Number: PT228-35247 (Skid Plate - HV) PT228-35248 (Skid Plate - Conv)
PT228-35240 (Front Skid Plate) PT228-89255 (Hardware Kit)

Kit Contents

Item #	Quantity Req.	Description
1	1	Skid Plate HV (PT228-35247) OR Skid Plate Conv (PT228-35248)
2	1	Hardware kit (PT228-89255)
3	1	Front Skid Plate (PT228-35240)

Hardware Bag Contents

Item #	Quantity Req.	Description
1	4	M8-1.25 Bolt (in PT228-35247/8)
2	6	M8-1.25 Bolt (in PT228-89255)
3	1	Customer Care Card (in PT228-89255)

Additional Items Required For Installation

Item #	Quantity Req.	Description

Conflicts

TRD Pro Skid Plate

Recommended Tools

Personal & Vehicle Protection	Notes
Safety Glasses	
Cut Resistant Gloves	
Bump Cap or Hard Hat	
Special Tools	Notes
Installation Tools	Notes
Ratchet	
Socket	12mm (for OE Bolts) 13mm (for Hardware Kit Bolts)
Torque Wrench	36 Nm (27 ft-lbf)
Special Chemicals	Notes

General Applicability

MY24- Tacoma HV and newer Models
MY24- Tacoma (Gas) TRD Off-Road Models ONLY
MY25- 4Runner All Models

Recommended Sequence of Application

Item #	Accessory
1	Skid Plate
2	Front Skid Plate

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Req.	Description

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.



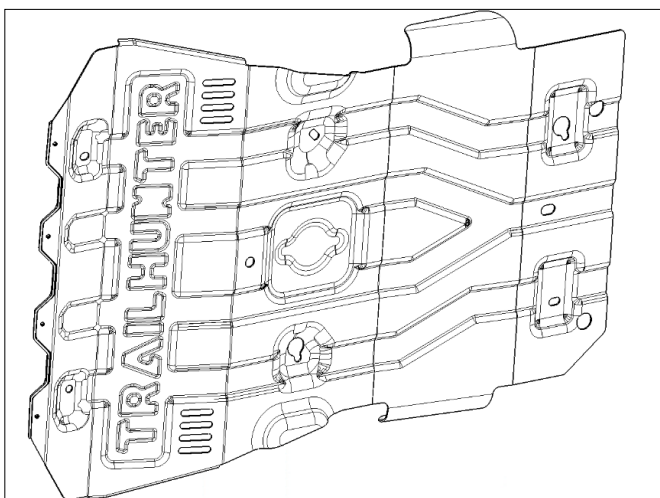
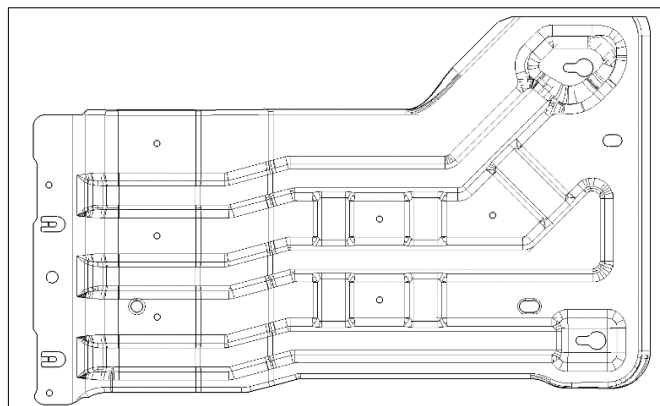
TOOLS & EQUIPMENT: Used in Figures calls out the specific tools and equipment recommended for this process.



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.

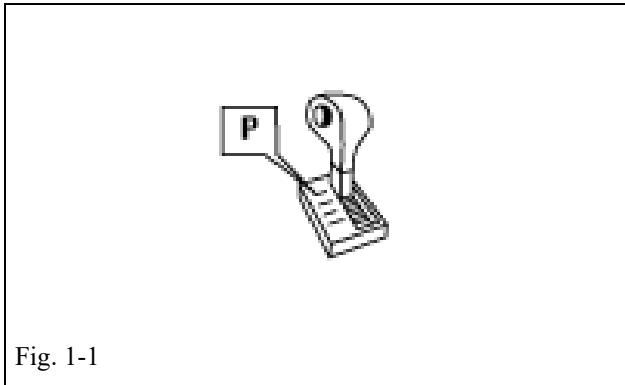
These guidelines can be found in the "Accessory Installation Practices" document.

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.

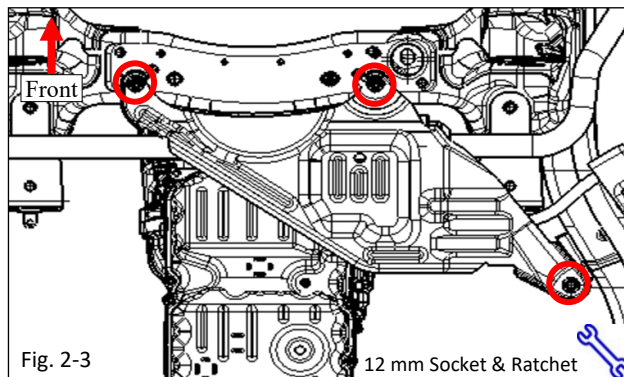
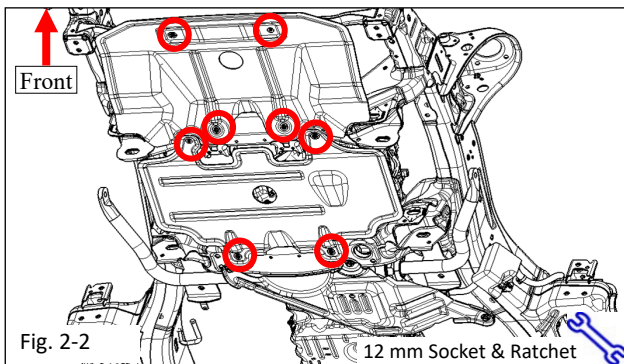
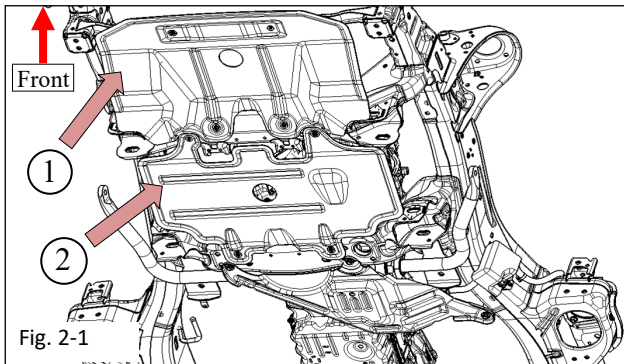
1. Vehicle Preparation



(a) Put transmission in "P" (Fig. 1-1).

(b) Lift vehicle.

2. Remove Undercovers No.1 and No.2



NOTE: TRD Off Road Skid Plates shown.

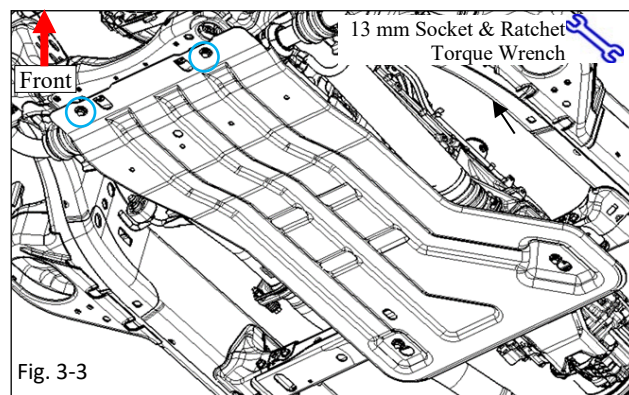
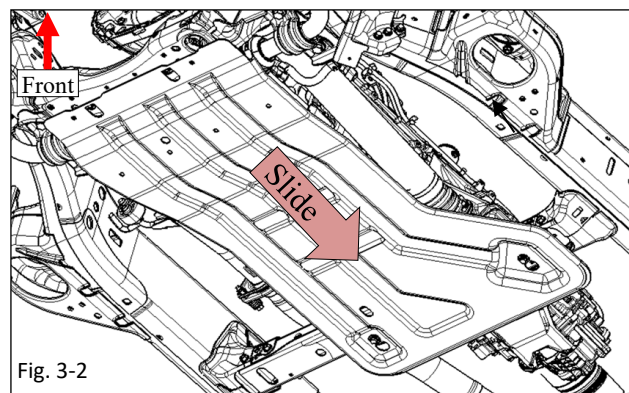
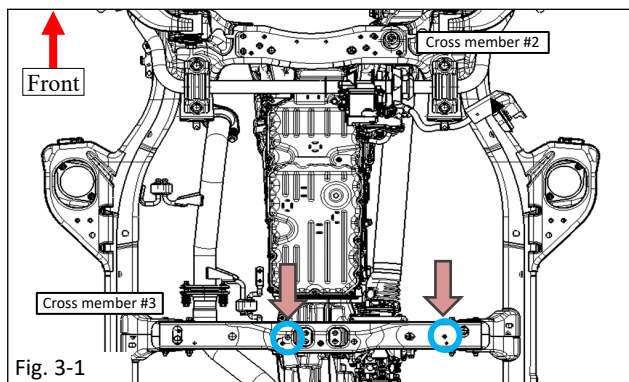
- (a) Remove the 4 M8 bolts on Engine Undercover No.1 and, if necessary, remove the 4 M8 bolts on Engine Undercover No.2 (Fig 2-2). Discard fasteners.

NOTE: Make sure to hold the engine undercover in place to prevent it from falling after removing the fasteners.

- (b) If vehicle is equipped with Stabilizer with Disconnect Mechanism (SDM), the SDM cover must be removed. If vehicle does not have SDM, proceed to Step 3. Discard fasteners.

- (1) Remove the 3 M8 bolts and remove SDM protector (Fig 2-3).

NOTE: Make sure to hold the SDM Cover in place to prevent it from falling after removing the fasteners.



3. Skid Plate Installation (PT228-32547/8)

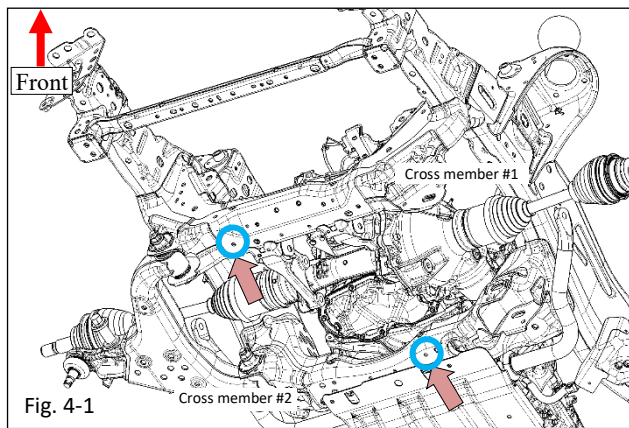
NOTE: If installing TrailHunter Transmission Skid Plate (PT228-32547/8), it is required to install TrailHunter Front Skid Plate (PT228-35240).

- Partially thread 2 M8 bolts, from Skid Plate kit PT228-32547/8, into cross member #3 (Fig 3-1).
- Pass the temp set feature (keyhole shape), through partially threaded M8 bolts and engage temp set hook feature at the front of the skid plate. Slide skid plate toward the rear of the vehicle (Fig 3-2).

NOTE: Ensure Front temp set hooks are engaged and washers are underneath the skid plate before installing bolts

- Install the 2 remaining M8 bolts from Skid Plate PT228-32547/8 into cross member #2 (Fig 3-3).
- Torque all M8 bolts. Tightening order is free.

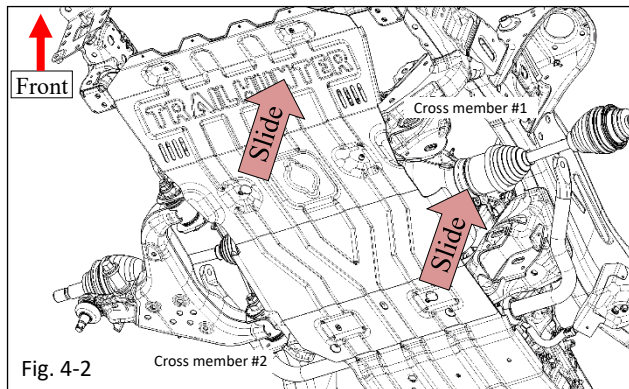
Torque: 36 Nm (27 ft-lbf)



4. Front Skid Plate Installation (PT228-35240 & PT228-89255)

(a) From hardware kit PT228-89255, partially thread one M8 bolt into cross member #1 and one M8 bolt into cross member #2 (Fig. 4-1).

(b) Pass temp set feature (keyhole shape), over partially threaded M8 bolts and slide skid plate toward the front driver side of the vehicle (Fig 4-2).

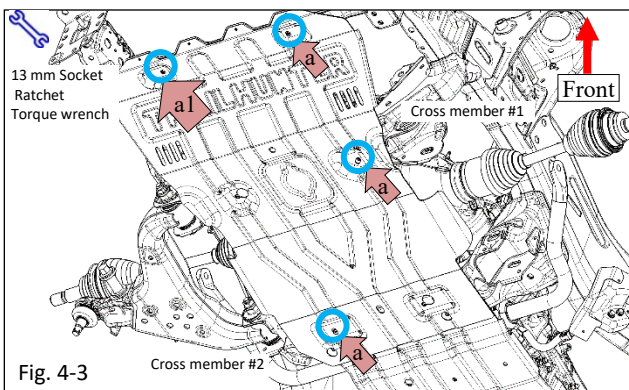


(c) From hardware kit PT228-89255, install 4 remaining M8 bolts [a] (Fig 5-3).

(d) Torque all M8 bolts. Start with [a1], then tightening order is free.

Torque: 36 Nm (27 ft-lbf)

(e) Place Customer Care Card in the Glove Box.



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

<u>Check:</u>	<u>Look For:</u>
<u>Accessory Function Checks</u> <input type="checkbox"/> Check that all bolts are tight. <input type="checkbox"/> Customer Care Card is in Glove Box	 Lightly tap skid plate with palm, you should not hear any rattling. Check that the customer care card is in the glove box
<u>Vehicle Function Checks</u>	
<u>Vehicle Appearance Check</u> <input type="checkbox"/> After accessory installation, perform a visual inspection.	 Ensure no damage (including scuffs and scratches) was caused during the installation process.