

**Part Number: PT228-35242**  
**OR**  
**PT228-35245**

**Kit Contents**

Item #	Quantity Reqd.	Description
1	1	Rear Skid Plate (PT228-35242) OR Rear Skid Plate (PT228-35245)
2	1	Hardware Kit

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

Item #	Quantity Reqd.	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.



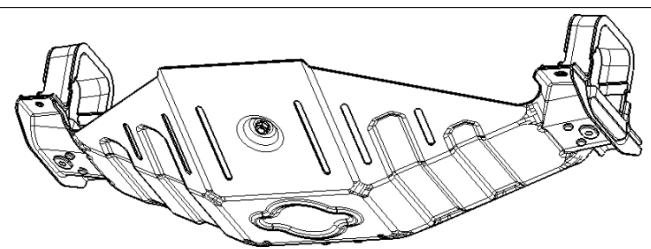
**REVISION MARK:** This mark highlights a change in installation with respect to previous issue.



**SAFETY TORQUE:** This mark indicates that torque is related to safety.



**REGULATORY MARK:** This mark indicates the component is related to regulatory compliance

**Additional Items Required For Installation**

Item #	Quantity Reqd.	Description

**Conflicts**

None

**Recommended Tools**

Personal & Vehicle Protection	Notes
Safety Glasses	
Cut Resistant Gloves	
Special Tools	Notes
Installation Tools	Notes
Ratchet	
Socket	12mm Deep Socket
Torque Wrench	0-50 ft-lbf range
Ratchet Extension	2 inch
Special Chemicals	Notes

**General Applicability**

MY24 and newer Tacoma, HV (All 4 link suspension vehicles)

**Recommended Sequence of Application**

Item #	Accessory

## 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:-

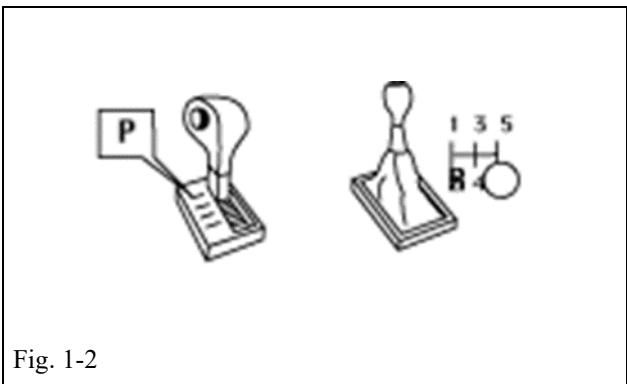
- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.).
- Safety (eye protection, rechecking torque procedure, etc.).
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

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

### 1. Vehicle Preparation



- (a) Confirm electronic parking brake engages (automatic) or firmly apply parking brake (manual) (Fig. 1-1).



- (b) Put transmission in "P" (automatic) or reverse (manual) (Fig. 1-2).

- (c) Lift vehicle.

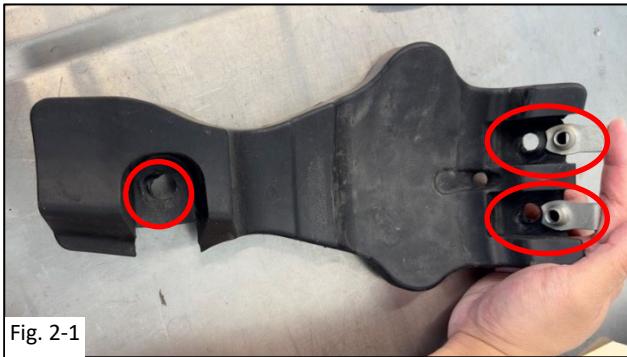


Fig. 2-1

## 2. Prepare Rear Skid Plate for Installation

- Install 3 U-nuts onto the Jounce Bumper (Fig. 2-1).

**⚠ NOTE:** Ensure the U-Nuts are orientated with the female threaded feature pointing towards the center of the Jounce Bumper.

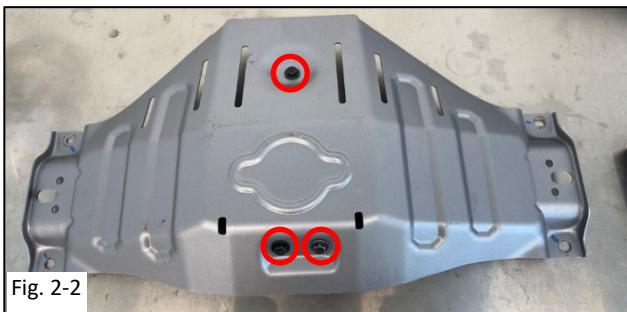


Fig. 2-2

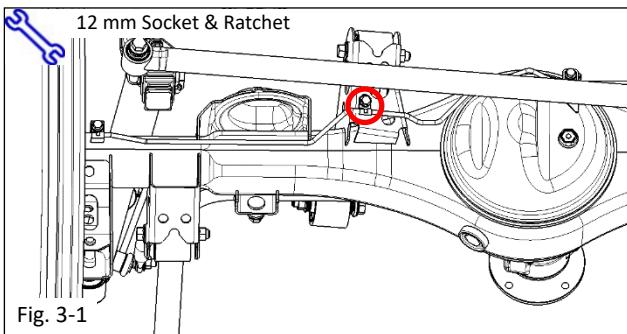


Fig. 3-1

## 3. Remove Brake Line Bracket

- Remove 1 bolt from the rear brake line bracket, retain for re-installation (Fig. 3-1).

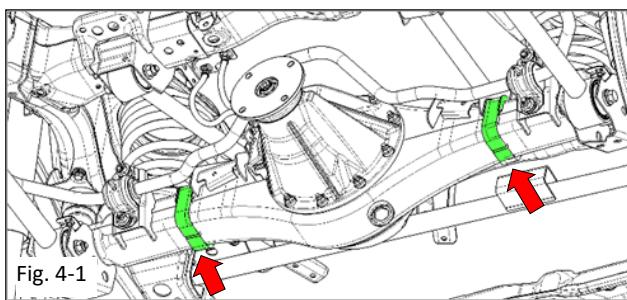


Fig. 4-1

## 4. Install the brackets

- Place bracket rubber sleeve over rear axle on both LH and RH sides shown in green (Fig. 4-1).

**⚠ NOTE:** Ensure Rubber Sleeves are installed in the proper orientation (Fig. 4-2).

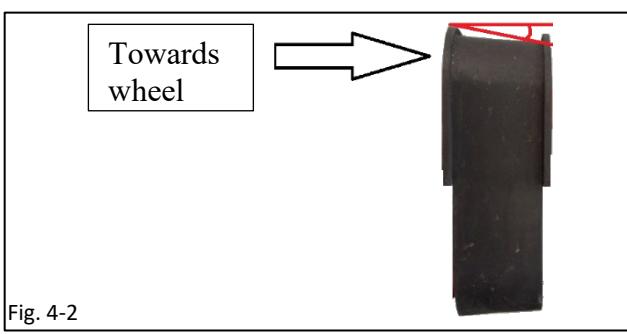
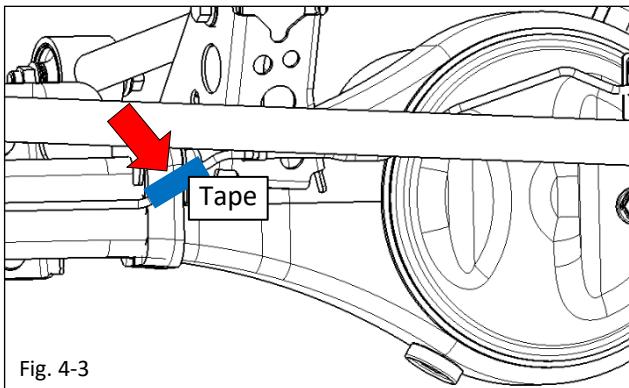
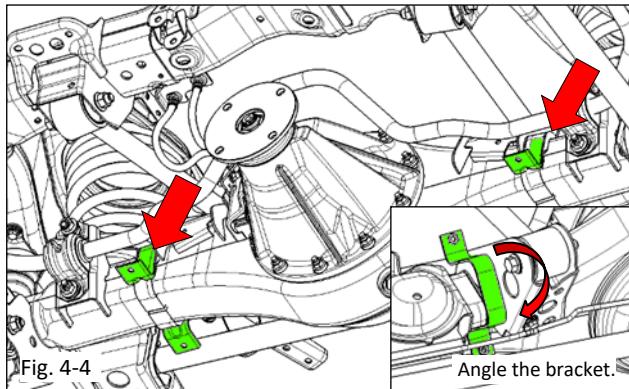


Fig. 4-2



(b) Tape brake line to avoid scratching (Fig 4-3).

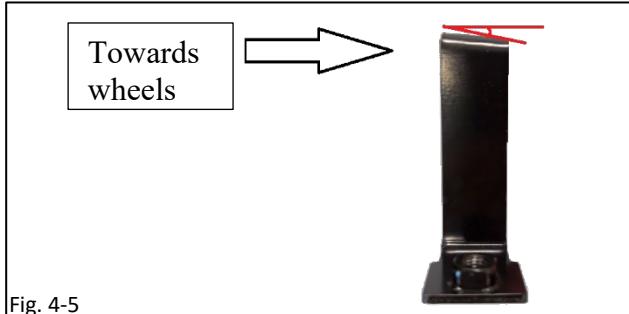


(c) Carefully place brackets over rubber sleeve by sliding brackets onto axle from the above, avoiding any scratches to the brake lines. It may be necessary to start at an angle, getting one bracket foot under the brake line before sliding it onto the rubber sleeve (Fig 4-4).

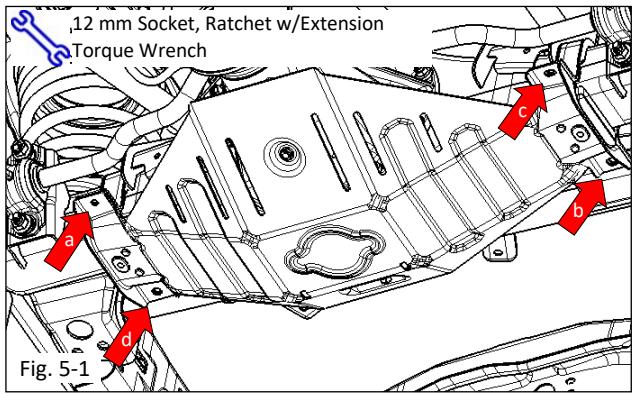
**⚠ NOTE: Be careful to not scratch the brake lines or rear stabilizer bar while installing the brackets.**

**⚠ NOTE: Ensure Brackets are installed in the proper orientation (Fig. 4-5).**

**⚠ NOTE: Ensure Brackets does not go over the Brake Line, but behind it.**



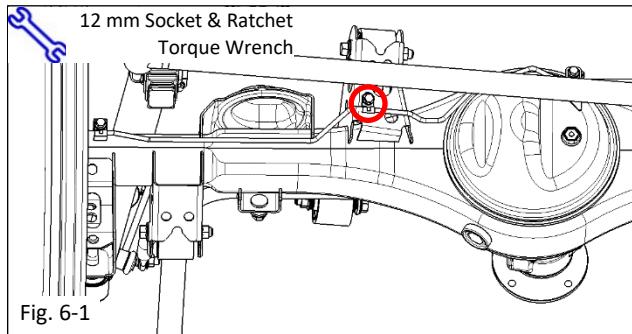
(d) Remove tape from brake line.



## 5. Install Rear Skid Plate

- (a) Partially thread 2 M8 bolts (Fig 5-1) "a", and "b".
- (b) Install 2 Spacer Blocks, manipulating the Skid plate to do so.
- (c) Push the plate up against the brackets and install/tighten bolts "a" to "d".
- (d) Torque all M8 bolts. Torque bolts in order from "a" to "d".

**Torque: 29 N-m (21 ft-lbf)**



## 6. Reinstall the Brake Line Bracket

- (a) Re-install 1 bolt to the rear brake line bracket (Fig. 6-1).

**Torque: 19.5 N-m (14.4 ft-lbf)**

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

Check:	Look For:
<u>Accessory Function Checks</u>  <input type="checkbox"/> Check that all bolts are tight.	Lightly tap skid plate with palm, you should not hear any rattling.
<u>Vehicle Function Checks</u>	
<u>Vehicle Appearance Check</u>  <input type="checkbox"/> After accessory installation, perform a visual inspection.	Ensure no damage to rear axle or brake lines (including scuffs and scratches) were caused during the installation process.