

Part Number: PT212-34070

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

Kit Contents

Item #	Quantity Req'd.	Description
1	1	Skid Plate Assembly
2	1	RH Bracket Assembly
3	1	LH Bracket Assembly

Hardware Bag Contents

Item #	Quantity Req'd.	Description
1	1	Instruction Sheet
2	4	M6 Hex Button Head Stainless Steel Bolt
3	2	M8 Stainless Bolt
4	2	M8 Washers
5		

Additional Items Required For Installation

Item #	Quantity Req'd.	Description
1	1	Measuring Rule
2		
3		

Conflicts

Large Engine Under Cover Skid Plate

Recommended Tools

Personal & Vehicle Protection	Notes
Safety Glasses	
Special Tools	Notes
None	
Installation Tools	Notes
Ratchet	3/8", 1/2"
Sockets	12mm, 17mm & 4mm hex head, 17mm (1/2" drive)
Extensions	3/8"-3", 3/8" -6" & 1/2" -6"
Torque Wrenches	3/8"drive (25lbf-ft) & 1/2" drive (100lbf-ft)
Special Chemicals	Notes
None	

General Applicability

--






Recommended Sequence of Application

Item #	Accessory
1	
2	

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Req'd.	Description
1		
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.

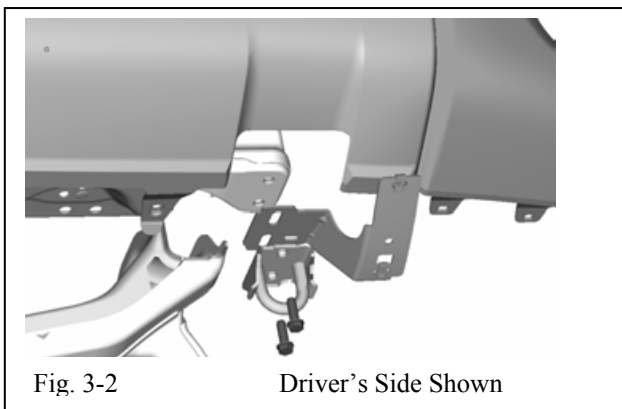
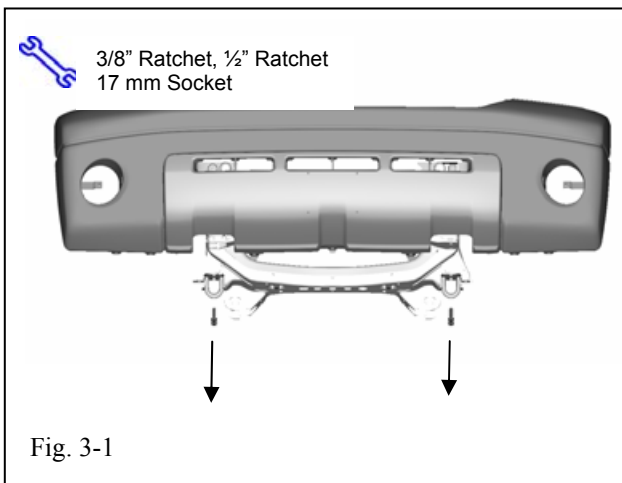
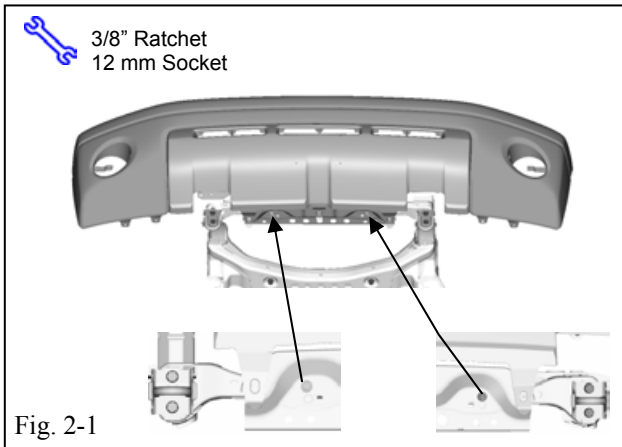
Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

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. Remove Skid Plate from Packaging.

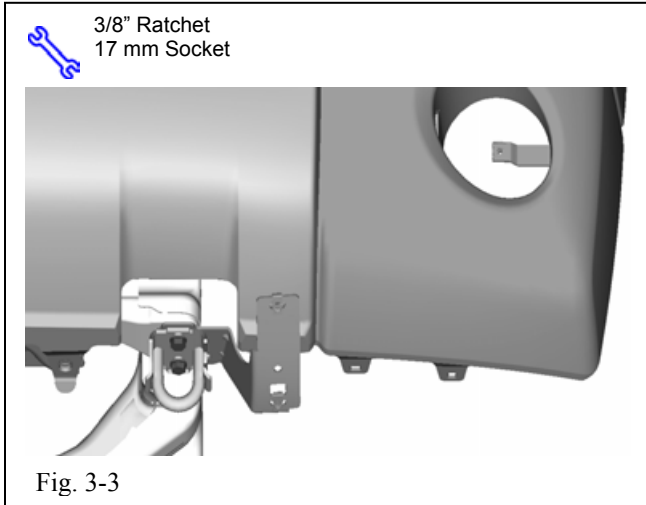
- (a) Remove skid plate from package and place on a clean protected surface.
- (b) Verify kit contents and inspect the skid plate for damage.

2. Skid Plate Preparation for Installation.

- (a) Locate existing vehicle engine under cover (Fig 2-1).
- (b) Remove the two (2) bolts from the engine under cover (Fig. 2-1).

3. Front Bracket Installation.

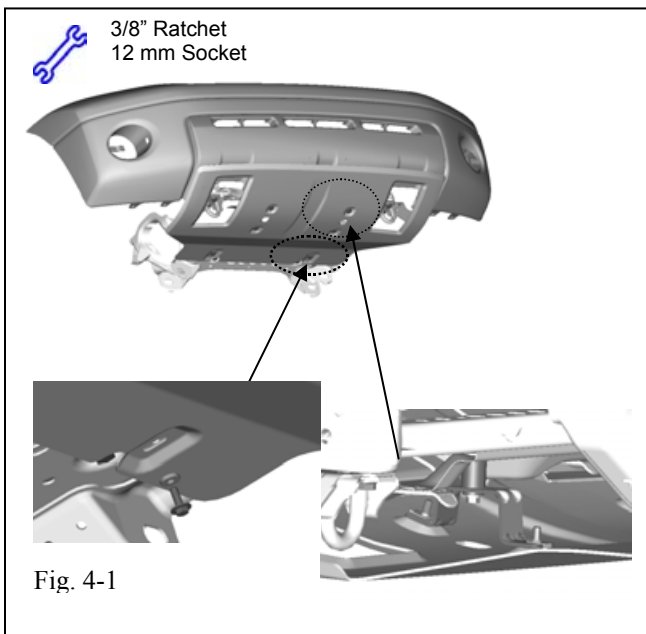
- (a) Locate and remove two (2) M12 bolts holding each tow hook / tie down to vehicle. Remove tow hooks and keep for later installation. (Fig. 3-1).
- (b) Place brackets in tow hook loop locations. (Fig. 3-2).



- (c) Replace tow hook and mounting bolts and tighten to where the bracket can slide (Fig. 3-3). **NOTE:** Ensure that longer tab on the tow hook's mating surface faces towards the rear of the vehicle.

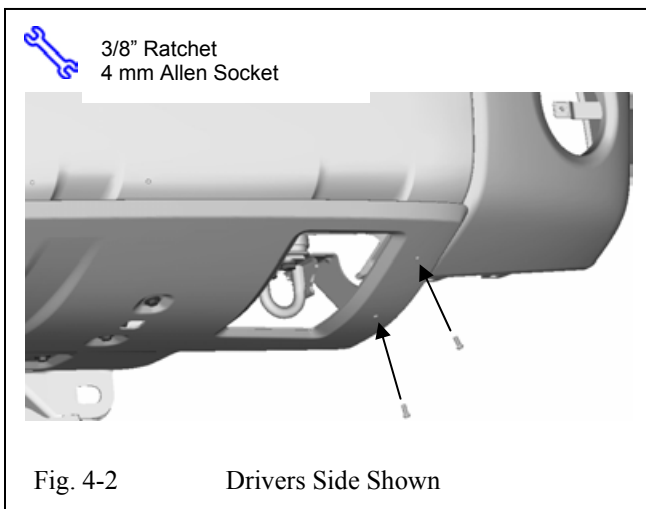
4. Skid Plate Installation

- (a) Obtain skid plate and install hand tight to vehicle, making sure to align aluminum spacers in the front engine undercover (Fig. 4-1). Install two (2) M8 stainless bolts and M8 washers at the rear of the skid plate.



- (b) After skid plate has been mounted, locate two (2) M6 button head stainless fasteners and install in two (2) places hand tight. (Fig 4-2).

- (c) Repeat for Passenger side.



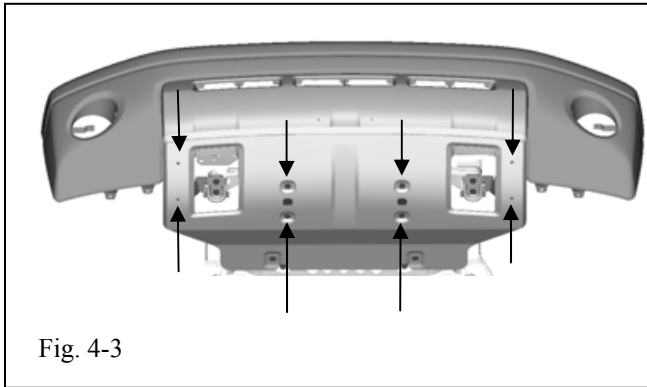


Fig. 4-3

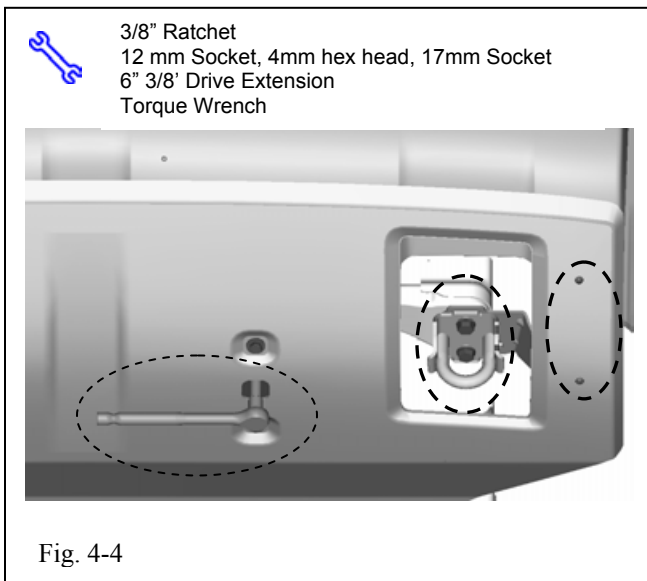


Fig. 4-4

- (d) Align skid plate so that it is visually centered. If necessary, loosen four (4) 8mm stainless bolts & four (4) 6mm hex button head bolts for added adjustment (Fig. 4-3).

- (e) Once centering is completed, torque all remaining M8 hardware to 18 ft-lbs, torque M6 button head fasteners to 4ft-lbs, and tow hook/loop bolts to 69 ft-lbs. Insert socket and extension through clearance holes on both sides of skid plate to torque front brackets (Fig. 4-4).

TOYOTA TUNDRA 2007 - SMALL ENGINE UNDER COVER

Checklist - these points MUST be checked to ensure a quality installation. (SEUC) SKID PLATE

Check:

- Visual check of skid plate.
- Check gap.

Look For:

Visually centered left to right.

Gap between vehicle bumper and skid plate ends should be at least 10mm, and a difference no bigger than 3mm between ends.