

Part Number: PT938-00140

**Kit Contents:**

| Item # | Quantity Reqd. | Description                 |
|--------|----------------|-----------------------------|
| 1      | 1              | TRD Skid Plate (w/ 2 Bolts) |
| 2      | 1              | Hardware Kit                |
| 3      | 1              | Instruction Form            |

**Hardware Bag Contents**

| Item # | Quantity Reqd. | Description |
|--------|----------------|-------------|
| 1      | 2              | Bolts       |
| 2      |                |             |
| 3      |                |             |

**Additional Items Required For Installation**

| Item # | Quantity Reqd. | Description |
|--------|----------------|-------------|
| 1      |                |             |
| 2      |                |             |
| 3      |                |             |

**Conflicts**

KDSS Sway Bar System

**Recommended Tools**

| Personal & Vehicle Protection | Notes          |
|-------------------------------|----------------|
|                               |                |
|                               |                |
| <b>Special Tools</b>          | <b>Notes</b>   |
|                               |                |
|                               |                |
| <b>Installation Tools</b>     | <b>Notes</b>   |
| Sockets                       | 10,12,14mm     |
| Torque Wrench                 |                |
| Clip Removal Tool             | (4Runner Only) |
| Special Chemicals             | Notes          |
|                               |                |

**General Applicability**

All models w/o KDSS

**Recommended Sequence of Application**

| Item # | Accessory             |
|--------|-----------------------|
| 1      | FJ TRD Suspension Kit |
| 2      |                       |

\* Mandatory

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

| Item # | Quantity Reqd. | Description |
|--------|----------------|-------------|
| 1      |                |             |
| 2      |                |             |
| 3      |                |             |

**Legend**

**STOP:** Damage to the vehicle may occur. Do not proceed until process has been complied with.

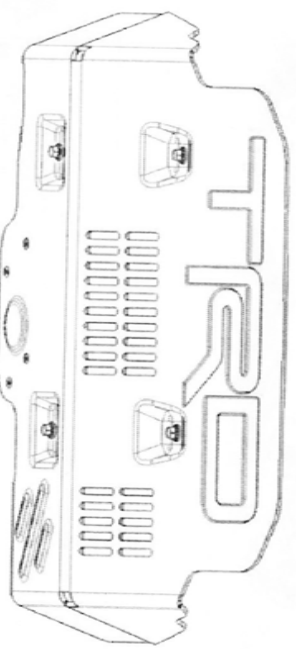
**OPERATOR SAFETY:** Use caution to avoid risk of injury.

**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.

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



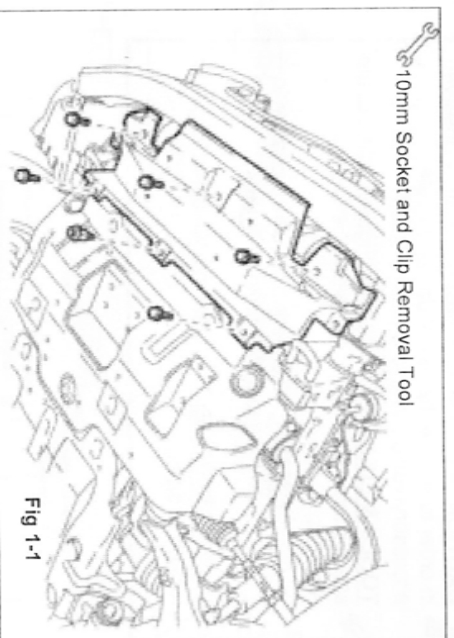
**Procedure**

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.).



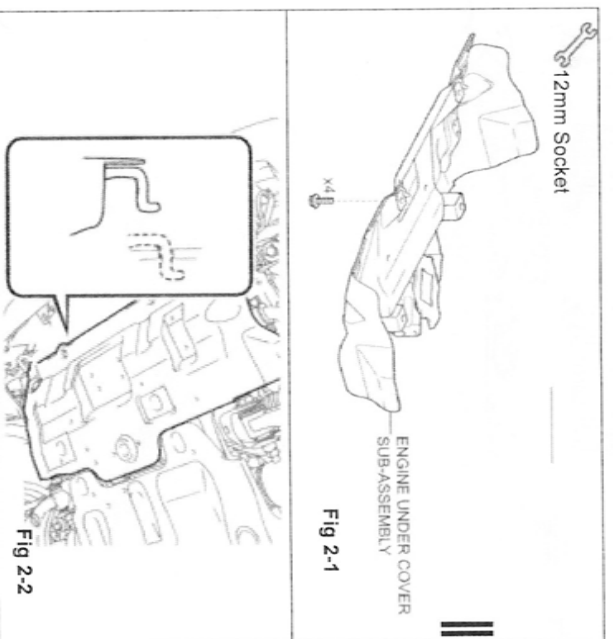
**1. Remove Front Bumper Lower Cover (4Runner Only).**

- (a) For FJ Cruiser proceed to Step 2.
- (b) For 4Runner remove the clip, 5 bolts and front lower bumper cover (Fig 1-1).
- (1) Discard cover and fasteners.

**2. Remove No.1 Engine Under Cover Sub-Assembly.**

- (a) Remove and discard the 4 bolts (Fig 2-1).

**CAUTION:** Engine under cover sub-assembly may fall if not held while removing the last bolt.



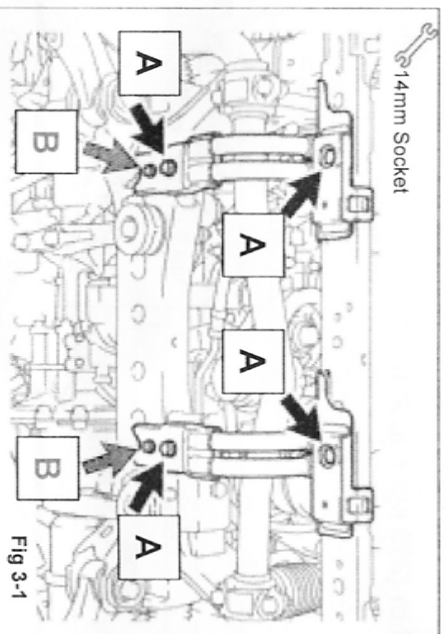
- (b) Unhook the No. 1 engine under cover sub-assembly from the vehicle body as shown in Fig 2-2 and discard.

### 3. Remove Bolts From Member Braces.

- Remove and discard forward 4 bolts from member braces as shown in Fig 3-1 (Black Arrows, Marked A).

**NOTE:** Do not remove rearward most 2 bolts (Red Arrows, Marked B).

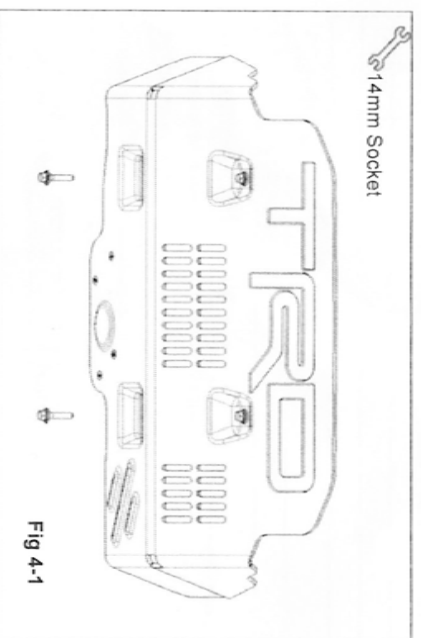
**CAUTION:** Do not remove member braces.



### 4. Install TRD Front Skid Plate.

- Install TRD Skid Plate to vehicle using the two front bolts attached on Skid Plate.
- Install 2 rear bolts supplied (Fig 4-1).
- Torque all 4 bolts.

**Torque:** 30 N·m {306 kgf·cm, 22ft·lb}



# TOYOTA FJ Cruiser/4Runner 2014-

## TREAD SKID PLATE, FRONT

Checklist. These points MUST be checked to ensure a quality installation.

### CHECK FOR:

#### Accessory Function Checks



Skid plate bolt torque.



### LOOK FOR:

30 N·m {306 kgf·cm, 22ft·lbf}



#### Vehicle Function Checks



#### Vehicle Appearance Check



After accessory installation and removal of protective cover(s), perform a visual inspection.

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