Preparation

**Part Number: PT925-89100** 

PT925-89110

#### **Kit Contents**

Item#	Quantity Reqd.	Description
1	1	Running Board Driver (L)
2	1	Running Board Passenger (R)
3	1	Hardware Kit

## **Hardware Bag Contents**

Item #	Quantity Reqd.	Description	
1	12	8mm Hex SEMS Bolt	
2			
3			

## **Additional Items Required For Installation**

Item#	Quantity Reqd.	Description
1		
2		
3		

#### **Conflicts**

None

#### Recommended Tools

Recommended Tools				
Personal & Vehicle	Notes			
Protection				
Safety glasses				
Special Tools	Notes			
Utility Knife				
<b>Installation Tools</b>	Notes			
Sockets	10mm, 12mm, 13mm			
Torque Wrench	0-32 Nm (0-25 lbf-ft) Range			
Extension	3" and 6"			
Ratchet	3/8" drive			
<b>Special Chemicals</b>	Notes			

## **General Applicability**

Issue: D 07/02/2014

All 4Runner

# **Recommended Sequence of Application**

Item#	Accessory	
1		
2		
3		

\*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.



<u>CAUTION</u>: 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.



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



(Limited shown)

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.

## Prepare for the Installation.

- (a) Remove the protective wrapping from the running boards and dispose of it properly.
- (b) Verify and ensure all kit and hardware contents are present.



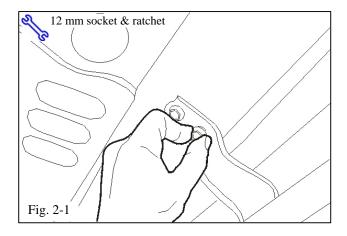
(c) Wear eye protection.

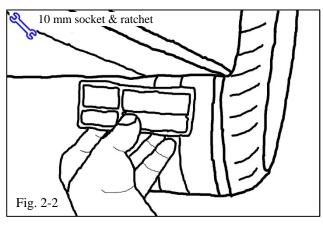


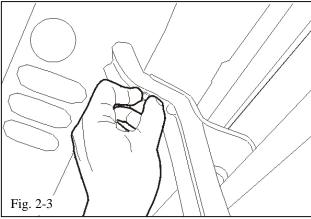
(d) Ensure all application areas are free from any dirt and debris that may damage the surface of the product or the vehicle.

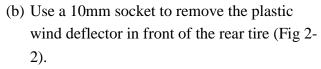
# 2. Install the Running Boards.

(a) Use a 12mm socket to remove & discard the OEM hex bolts from all bracket positions (3 brackets per side) underneath the vehicle (Fig. 2-1).





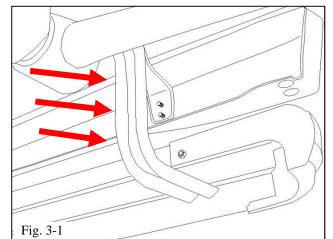






NOTE: The label on the underside of the running board indicates the front end and the bracket will be different for each side.

- (c) Locate the 8mm factory-threaded holes.
- (d) Position the running board onto the vehicle rocker & align the bracket holes to the factory holes (Fig. 2-3).
- (e) Secure the middle bracket with the supplied 8mm SEMS Bolts (2 bolts).
- (f) Start the 8mm hex head SEMS bolts at the front and rear bracket locations.
- (g) Repeat Step 2 for the other side of the vehicle.



# 3. Torque the Running Boards.

stor (a) Ensure that the brackets are positioned flush on the vehicle rocker panel. Push firmly towards the outside of vehicle (Fig 3-1).



(b) Torque all twelve 8mm SEMS Bolts (bracket to vehicle rocker) to 23N·m (17ft·lbf).



Torque: 23N·m (17ft·lbf)

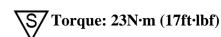


(c) Torque all twelve 8mm flange nuts (bracket to running board) to 16 N·m (12ft·lbf).

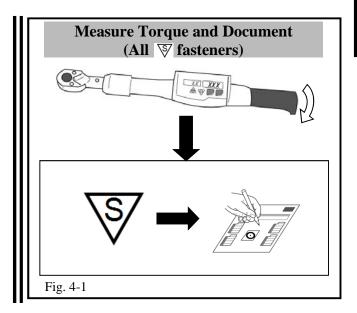


Torque: 16 N·m (12ft·lbf)

(d) Re-torque all twelve 8mm SEMS bolts (bracket to vehicle rocker) to 23N·m (17ft·lbf).



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4. Perform a Torque Audit.

(a) Perform a Torque Audit on all fasteners.

(b) Record the torque values on the Torque Audit Sheet (Fig 4-1).

**TOYOTA 4RUNNER** 2010 - **RUNNING BOARDS** 

Checklist - these points **MUST** be checked to ensure a quality installation. Check: Look For: **Accessory Function Checks** Visual alignment Ensure the running board is level and parallel to the vehicle rocker panel All bolts are torqued **Vehicle Function Checks** Fit with the side cladding Verify that no interference exists with the side cladding Vehicle Appearance Check After accessory installation and removal of Ensure no damage (including scuffs and protective cover(s), perform a visual scratches) was caused during the inspection. installation process. (For PPO installations, refer to TMS Accessory Quality Shipping Standard.)