TOYOTA RAV4 2013 -

Preparation

**Part Number: PU060 – 42013 – P1** 

PU060 - 4213S - P1

#### **Kit Contents**

Item#	Quantity Reqd.	Description
1	1	Front Passenger Side Mudguard
2	1	Front Driver Side Mudguard
3	1	Rear Passenger Side Mudguard
4	1	Rear Driver Side Mudguard
5	1	Hardware Kit
6	1	Instruction Sheet (Electronic Copy)

**Hardware Bag Contents** 

Item#	Quantity Reqd.	Description
1	4	M5 x 20 mm Screws
2	6	#14 X 19mm Screws
3	2	M5 Spring Clips
4	2	Push Pins

**Additional Items Required For Installation** 

Item#	Quantity Reqd.	Description
1		
2		
3		

### Conflicts

Note: Running Boards

#### **Recommended Tools**

Personal & Vehicle Protection	Notes
None	
Special Tools	Notes
None	
<b>Installation Tools</b>	Notes
Socket & Driver	Phillips #2
Socket & Driver	10mm (3/8"), 8mm (5/16")
Clean Lint-Free Cloth/Rag	
Socket Wrench Extension	6" Extension (1/4" drive)
Extended Socket	10mm (3/8")
<b>Special Chemicals</b>	Notes
Cleaner	VDC approved cleaner (PPO)
	Soap & Water Mixture (DIO)
	(=)

**General Applicability** 

All Models

**Recommended Sequence of Application** 

Item#	Accessory
1	
2	
3	

\*Mandatory

**MUDGUARDS** 

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Reqd.	Description
1		
2		
3		

### Legend



<u>STOP:</u> 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.



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



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



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

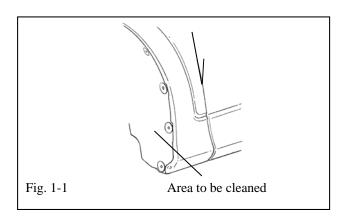
Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory must follow all instructions and use supplied hardware to ensure an approved quality installation.

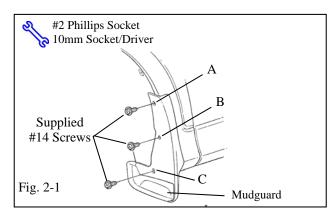
These guidelines can be found in the "Accessory Installation Practices" document.

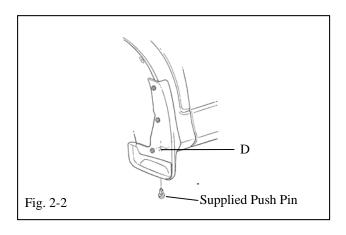
This document covers such items as:-

- 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. Clean Front Mounting Area



(a) Clean and degrease front body panel where mudguard is to be located with a lint-free cloth and an approved cleaner (PPO - VDC Approved Cleaner, DIO – Soap & Water Mixture). (Fig. 1-1)

### 2. Installation of Front Mudguard

(a) Mount mudguard on body panel and install supplied #14 screw in location B while holding part up and push into body panel then tighten. (Fig. 2-1)



# **Do Not Over Tighten.**

(b) Install supplied #14 screw in location A while holding part up and push into body panel then tighten. (Fig. 2-1)



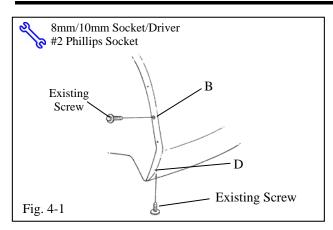
## Do Not Over Tighten.

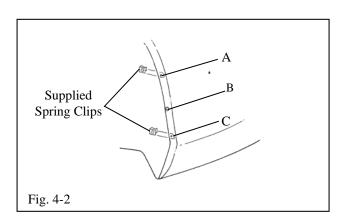
(c) Install supplied #14 screw in location C while holding part up and push into body panel then tighten. (Fig. 2-1)

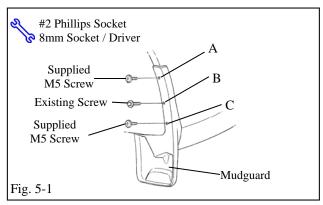


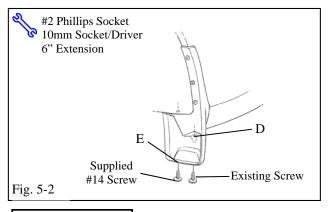
## Do Not Over Tighten.

- (d) Install supplied push pin into location D while holding part against body panel. (Fig. 2-2)
- (e) Repeat procedure for other side.









## 3. Clean Rear Mounting Area



 (a) Clean and degrease rear bumper panel where mudguard is to be located with a lint-free cloth and an approved cleaner
 (PPO – VDC Approved Cleaner, DIO – Soap & Water Mixture).

# 4. Identification Of Rear Mounting Locations

(a) Remove existing screws location B and D.



Do Not Discard (Fig. 4-1)



(b) Install supplied spring clips over panel edge dimple locations A and C with turned up edge on inside of panel. (Fig. 4-2)

## 5. Installation Of Rear Mudguard



(a) Mount mudguard and reinstall existing screw in location B while holding part up and push into bumper panel and tighten.



- (b) Install supplied M5 screws in dimple and spring clip locations A then C while holding part up and push into bumper panel and tighten. (Fig. 5-1)
- (c) Reinstall existing screw in location D while holding part up and push into bumper panel and tighten. (Fig 5-2)



**NOTE:** Use 6" extension and make sure the holes are aligned prior to tightening.



Do Not Over Tighten.

(d) Install supplied #14 screw in location E and tighten. (Fig. 5-2)



Do Not Over Tighten.

greater than 1.0 mm.
oreater than 1.0 mm
greater than 1.0 mm.
age (including scuffs and caused during the cess. lations, refer to TMS ity Shipping Standard.)