

**TOYOTA****4RUNNER****2011 -****MUDGUARDS**

Preparation

**Part Number: 00016-89009 -01; Front**  
**- 02; Rear**

**Accessory Code: MG1**



## Conflicts

Note: Trail Edition, Step Boards, & Base 4 Cyl. Model

### Kit Contents

Item #	Quantity Req'd.	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

### Hardware Bag Contents

Item #	Quantity Req'd.	Description
1	12	#10 x 20 mm Screws
2	2	#10 Spring Clips (Long)
3	6	#10 Spring Clips (Short)

### Additional Items Required For Installation

Item #	Quantity Req'd.	Description
1		
2		
3		

### Recommended Tools

Personal & Vehicle Protection	Notes
None	
Special Tools	Notes
None	
Installation Tools	Notes
Screwdriver	Phillips #2 & 3
Screwdriver	Slot
Clean Cloth/Rag	
Socket/Driver	10mm
Special Chemicals	Notes
Cleaner	3M™ Prep Solvent-70
Alcohol/Water Mixture	VDC Approved Cleaner

### General Applicability

All models other than Trail Edition, Step Boards & Base 4 Cyl. models

### Recommended Sequence of Application

Item #	Accessory
1	
2	
3	

\*Mandatory

### 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.



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

#### SPECIAL NOTE: Installation Sequences

After TMS and Safety mandated preparatory steps have been taken, the installation sequence is the suggested method for completing the accessory installation. In some instances the suggested sequence is written for one associate to install and in others the sequence is given as part of a team accessory installation. Unless otherwise stated in the document, the associates may perform the installation steps in any order to make the installation as efficient as possible while maintaining consistent quality.

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.

## 1. Clean Front Mounting Area



- (a) Clean and degrease front body panel where mudguard is to be located with a clean, dry lint free cloth and 3M™ Prep Solvent – 70 or alcohol and water mixture. or VDC approved Cleaner
- (b) When cleaning with 3M™ Prep Solvent-70 follow the manufacturer's directions. Do not allow cleaner to air dry.

## 2. Hardware Removal



- (a) Remove existing screw location B, do not discard. (Fig. 2-1).
- (b) Remove push pin location C and discard (Fig. 2-1).

## 3. Installation of Spring Clip.

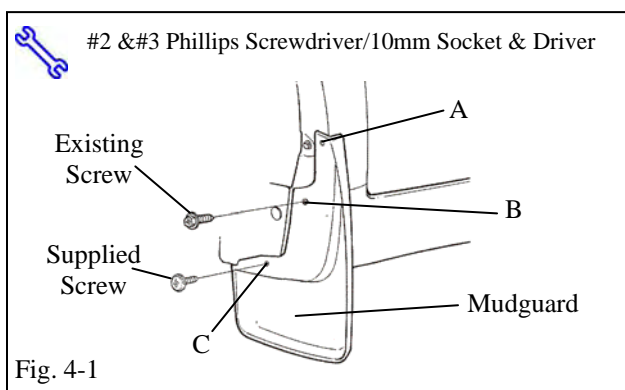
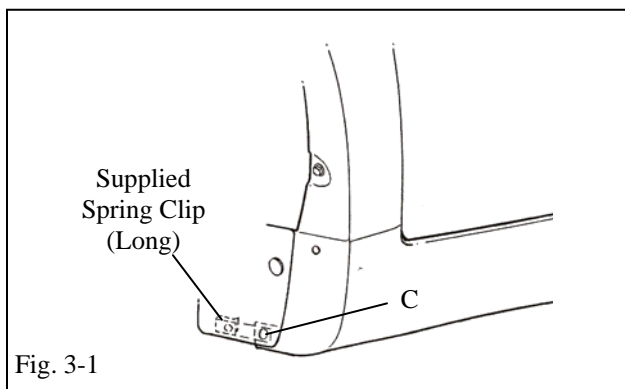
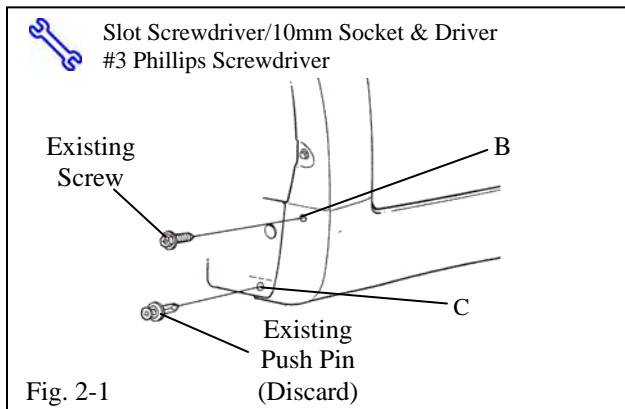


- (a) Pull liner out and install spring clip (long) over panel edge hole location C with turned up edge on inside of panel (Fig. 3-1)

## 4. Installation of Front Mudguard



- (a) Mount mudguard on body panel and install existing screw in location B and supplied screw in location C while holding part up and into body panel. (Fig. 4-1).



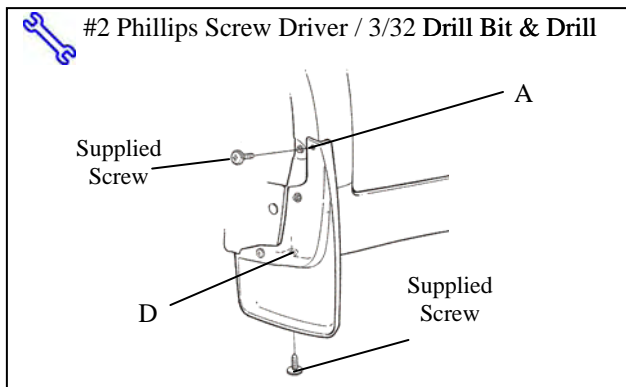


Fig. 4-2

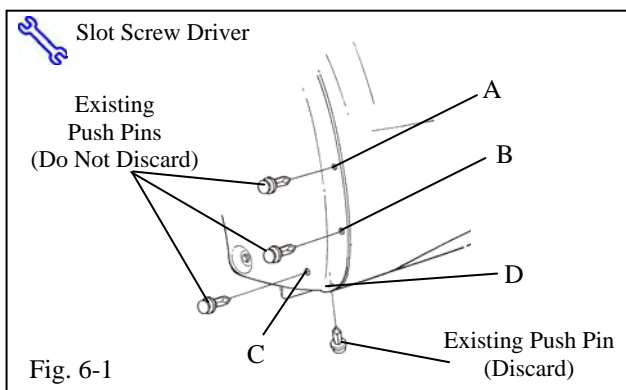


Fig. 6-1

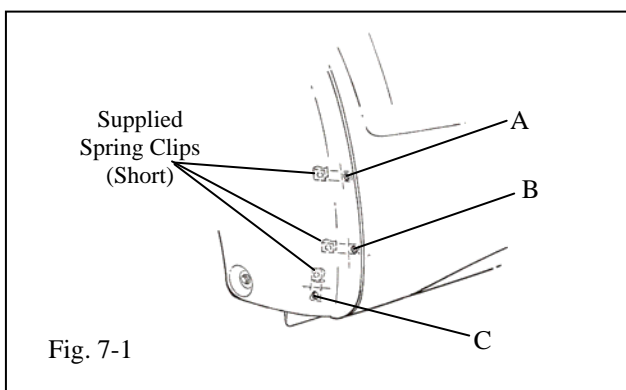


Fig. 7-1



- (b) While holding part in position, drill 2.5mm (3/32") centre pilot holes in location A and D. (Fig 4-2)



**OPTIONAL METHOD:** Self Tapping screws can be installed without drilling if care is taken not to damage splash guard or vehicle

- (c) Install supplied 19mm self tapping screws into locations A and D while holding part into body panel. (Fig. 4-2)  
**DO NO OVERTIGHTEN**

- (d) Repeat for other side.

## 5. Clean Rear Mounting Area



- (a) Clean and degrease rear bumper panel where mudguard is to be located with a clean, dry lint free cloth and 3M™ Prep Solvent-70 or alcohol and water mixture. Or VDC approved cleaner.
- (b) When cleaning with 3M™ Prep Solvent-70 follow the manufacturer's directions. Do not allow cleaner to air dry.

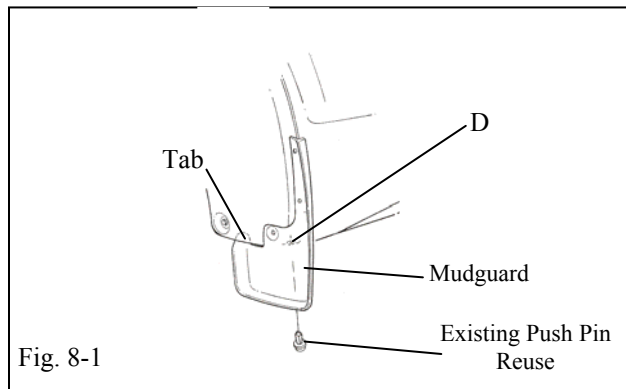
## 6. Push Pin Removal and Reuse



- (a) Remove existing push pins locations A,B,C and do not discard. (Fig. 6-1)
- (b) Remove existing push pin location D and discard. (Fig. 6-1)

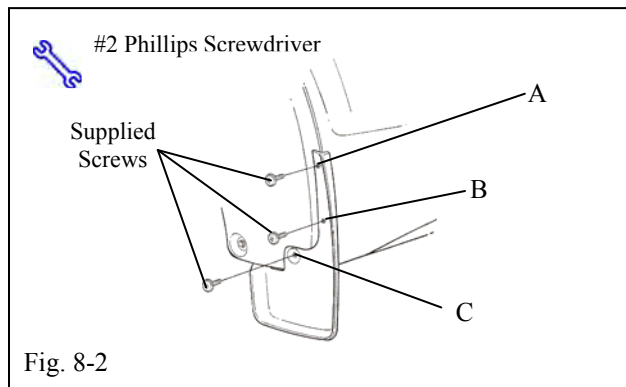
## 7. Installation of Spring Clips

- (a) Pull liner out and install supplied spring clips (short) over panel edge holes locations A, B and C with turned up edge on inside of panel. (Fig 7-1)



## 8. Installation Of Mudguards

- (a) Mount mudguard and position tab behind liner then reinstall One existing push pin from position A,B,C in location D while holding part up and into body panel. (Fig. 8-1).



- (b) While holding mudguard up and into body panel install supplied screws in locations A, B and C. (Fig. 8-2).

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

Check:	Look For:
<div><div>Accessory Function Checks</div><div><div><input type="checkbox"/></div>Gaps between mudguards and body side</div></div>	<div>Excessive gaps greater than 1.0 mm.</div>