

Part Number: PK389-48M00-TP

Kit Contents

Item #	Quantity Req.	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 (Front)
6	1	Hardware Kit (Rear)

Hardware Bag Contents

Item #	Quantity Req.	Description
1	6	#14 x 19mm Screw (Thick)
2	2	Push Pin
3	4	M5 x 20 mm Screw (Thin)
4	4	Spring Clip

Additional Items Required For Installation

Item #	Quantity Req.	Description
1		
2		

Conflicts

Ground effects, non-XSE models

Recommended Tools

Personal & Vehicle Protection	Notes
None	
Special Tools	Notes
None	
Installation Tools	Notes
Screwdriver	Phillips #2 / #3
Socket Driver	10 mm Socket
Flat screwdriver	
Drill	
Drill bit	8mm (5/16")
Clean Cloth/Rag	
Special Chemicals	Notes
Cleaner	Soap & Water Mixture

General Applicability

MY21 and newer Highlander XSE models

Recommended Sequence of Application

Item #	Accessory
1	
2	
3	

*Mandatory

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Req.	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.



REGULATORY MARK: This mark indicates the component is related to regulatory compliance

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:-

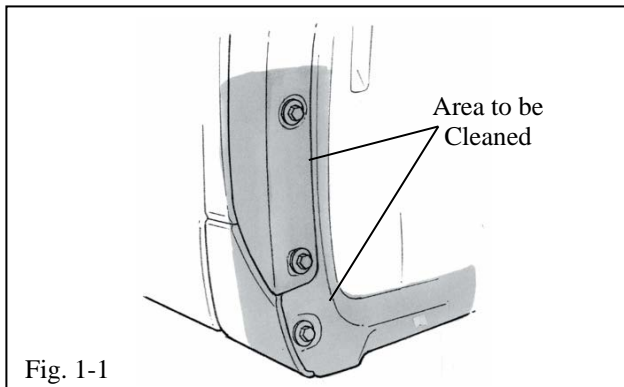
- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.).
- Safety (eye protection, rechecking torque procedure, etc.).
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

Please see your Toyota dealer for a copy of this document.

1. Clean Front Mounting Area

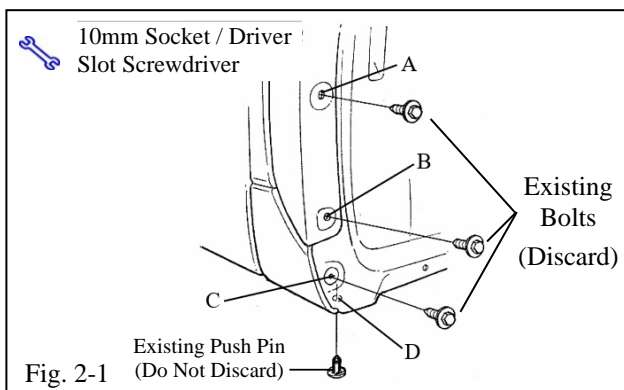
- (a) Clean and degrease front body where mudguard is to be located with a clean cloth and soap/water mixture (Fig. 1-1).

⚠ NOTE: Turning front wheels will allow for additional clearance in installation.

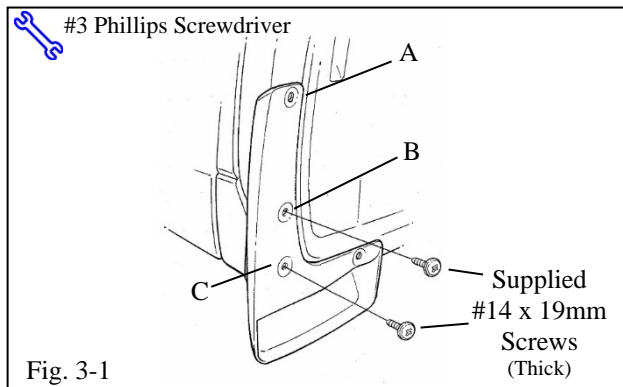


2. Front Hardware Removal

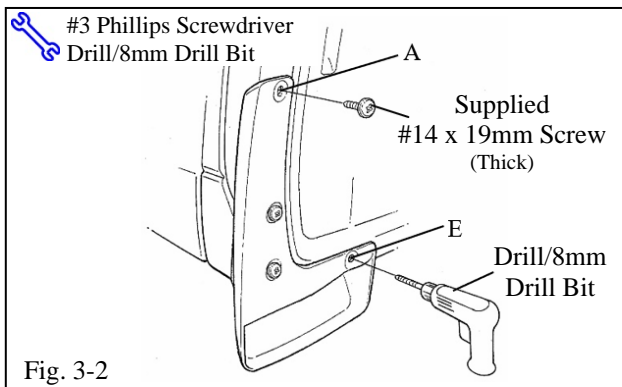
- (a) Remove existing bolts in location A, B and C discard (Fig. 2-1).
- (b) Remove existing lower bottom push pin location D. Do Not Discard (Fig. 2-1).



3. Installation of Front Mudguard



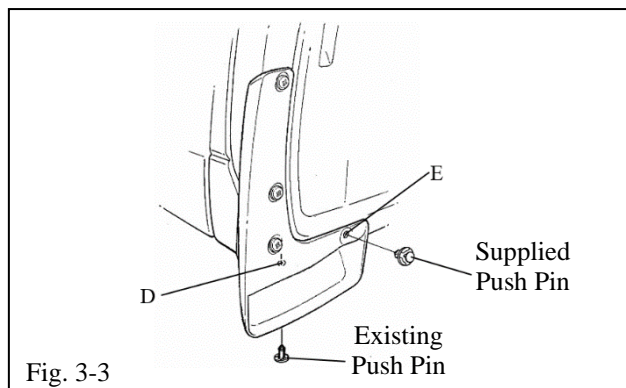
- (a) Mount mudguard on body panel and install supplied #14 x 19mm (Thick) screw in location C then B, while holding part up and into body panel then tighten. **DO NOT OVER TIGHTEN** (Fig. 3-1).



- (b) Install supplied #14 x 19mm (Thick) screw in location A while holding top of part tight to body panel then tighten. **DO NOT OVERTIGHTEN** (Fig. 3-2).



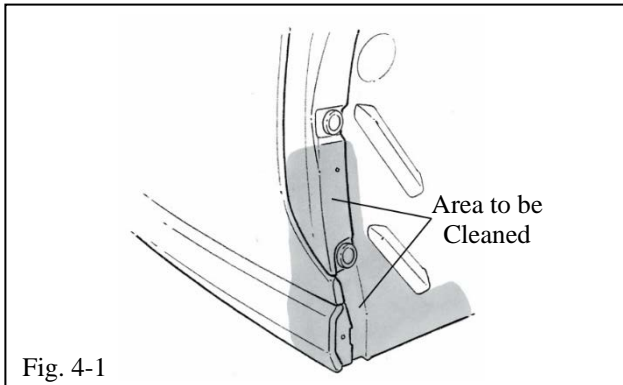
- (c) While holding part tight to liner drill 8mm (5/16") hole in location E using part as a template (Fig. 3-2).




- (d) While holding mudguard tight to panel reinstall existing lower push pin in location D (Fig. 3-3).
- (e) While holding mudguard tight to liner install supplied push pin in location E (Fig. 3-3).
- (f) Repeat procedure for other side of vehicle.

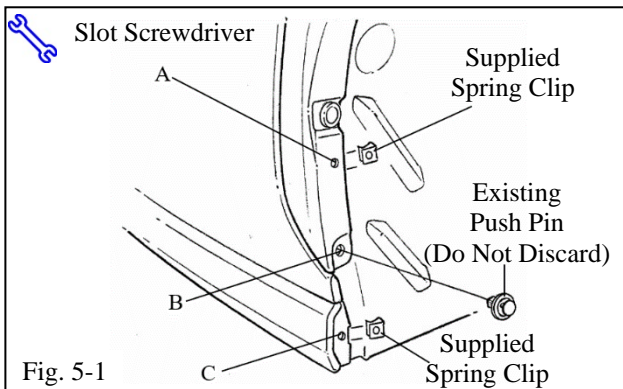
4. Clean Rear Mounting Area

- (a) Clean and degrease rear bumper panel where mudguard is to be located with a clean cloth and soap/water mixture (Fig. 4-1).

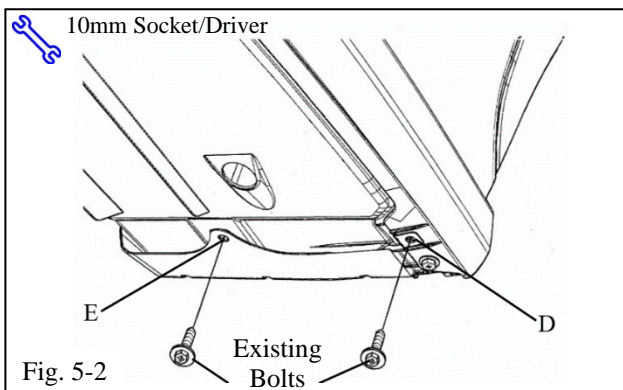


5. Rear Hardware Install & Removal

-  (a) Install supplied spring clips with turned up edge inside of panel at dimple locations A and C. (Fig 5-1)
- (b) Remove existing push pin location B. DO NOT DISCARD (Fig. 5-1).

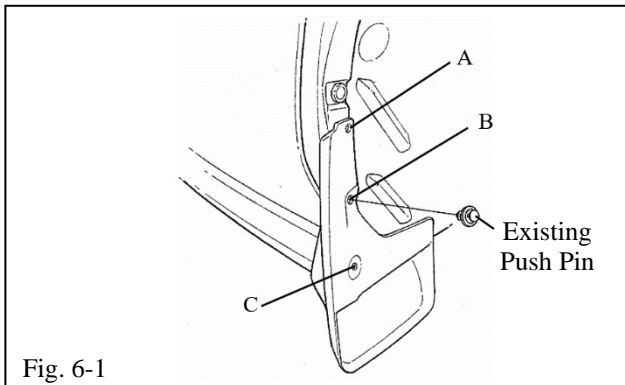


- (c) Remove existing two underside bolts in locations D and E. DO NOT DISCARD (Fig. 5-2)

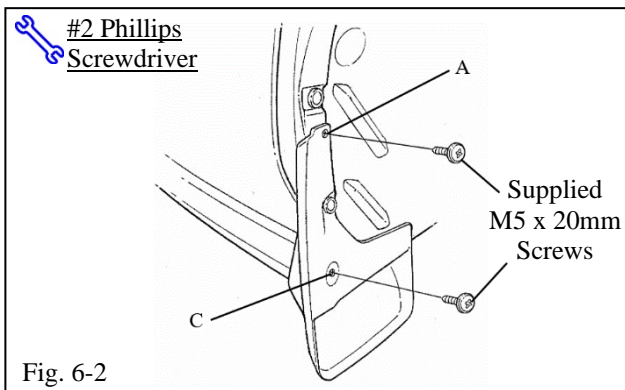


6. Installation of Rear Mudguard

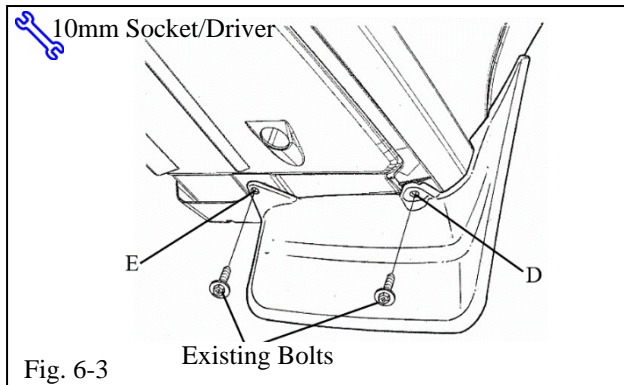
- (a) mount mudguard while holding up and into panel reinstall existing push in location B (Fig. 6-1) .



- (b) While holding mudguard up and into panel install supplied M5 x 20mm screws in location C then A and tighten (Fig. 6-2).



- (c) Reinstall existing bolts in location D then E and tighten while holding tight to panel (Fig. 6-3).
- (d) Repeat procedure for other side of vehicle.



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

Check:	Look For:
<u>Accessory Function Checks</u> <input type="checkbox"/> Gaps between the mudguards and the body <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	 Excessive gaps greater than 3.0 mm
<u>Vehicle Function Checks</u> <input type="checkbox"/> <input type="checkbox"/>	
<u>Vehicle Appearance Check</u> <input type="checkbox"/> 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 TMNA Accessory Quality Shipping Standard.)