

Part Number: PT228-42061 (vehicles without tow package)

NOTE: Part number of this accessory may not be the same as the part number shown.

Kit Contents

Item #	Quantity Reqd.	Description
1	1	Trailer Hitch
2	1	RH Support Bracket
3	1	LH Support Bracket
4	1	LH Frame Bracket
5	1	Toyota Hitch Plug
6	1	LH Bumper Bracket
7	1	RH Bumper Bracket

Hardware Bag Contents

Item #	Quantity Reqd.	Description
1	16	M12 x 35 Hex Flange Bolt
2	4	M10 x 30 Hex Flange Bolt
3	1	French Capacity Label
4	1	Spanish Capacity Label

Additional Items Required For Installation

Item #	Quantity Reqd.	Description
1		

Conflicts

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Recommended Tools

Personal & Vehicle Protection	Notes
Safety Glasses	
Special Tools	Notes
Exhaust Hanger Removal Tool	e.g. Snap On P/N YA3202
Installation Tools	Notes
3/8" Socket wrench	
Phillips Screwdriver	
Flat Screwdriver	
10 mm Box end wrench	
6" Socket extension	
Socket	12 mm
Socket	14 mm
Socket	17 mm
Putty knife	If required
Torque Wrench	0 – 100 lbf-ft.
Nylon Clip Removal Tool	
Special Chemicals	Notes
3M™ Autobody Sealant	

General Applicability

For vehicles without tow package

Recommended Sequence of Application


Item #	Accessory
1	Trailer Hitch
2	Wire Harness
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.

 **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.

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. Prepare for Installation.



(a) Verify kit contents



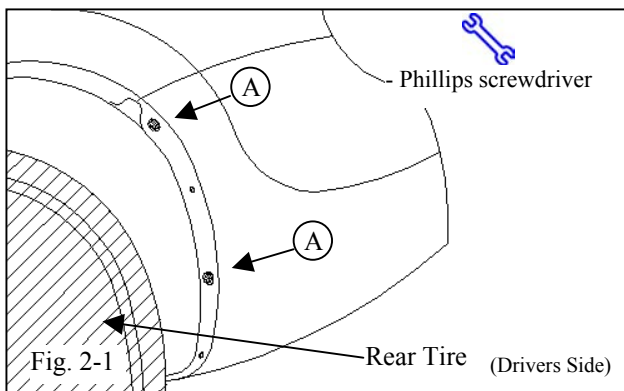
(b) Wear Safety Glasses.

(c) Raise Vehicle .

(d) Caution Muffler might be hot

2. Remove Rear Bumper Fascia

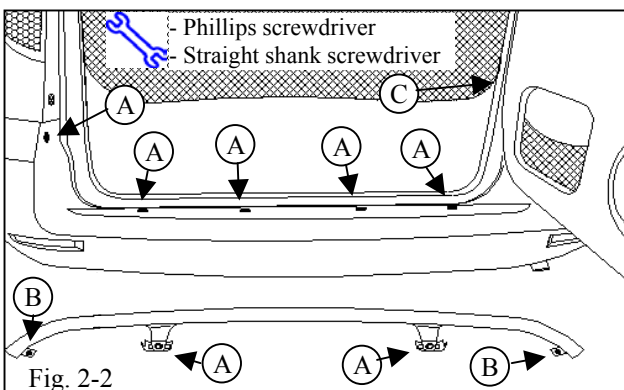
(a) Remove (2) Phillips head screws (A) from both sides of the rear fascia (Fig. 2-1).

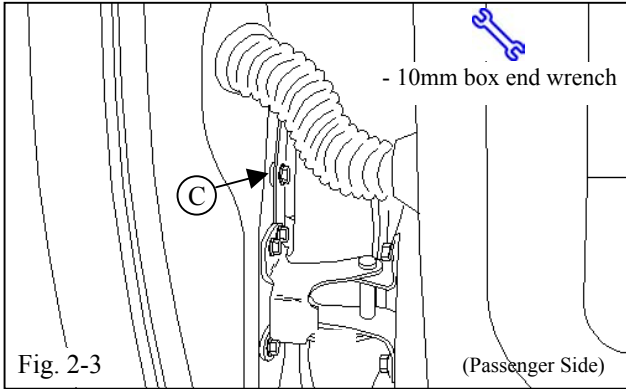


(b) Remove (7) push pins (A) on edges of fascia (Fig. 2-2)

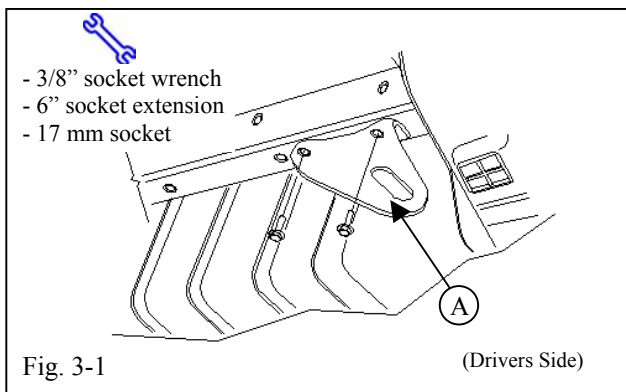
(c) Remove (2) Phillips head screws (B) from bottom of fascia (Fig. 2-2).

(d) See Fig. 2-3 for removal of fastener (C).



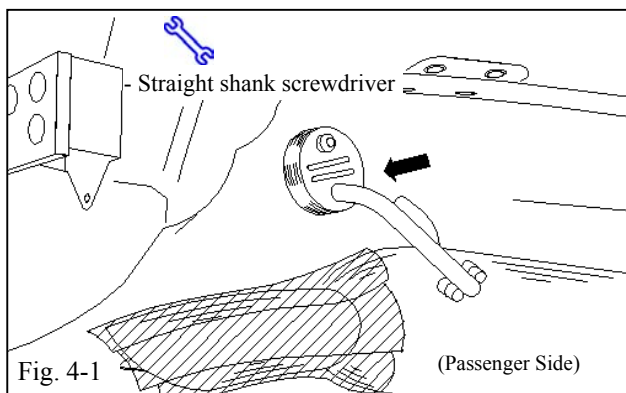


- (e) Remove (1) 10 mm hex head bolt (C) from right hand (RH) side of fascia. (Fig. 2-3)
- (f) With one person on each end, remove fascia from vehicle. Store in a safe place to avoid damage during installation.



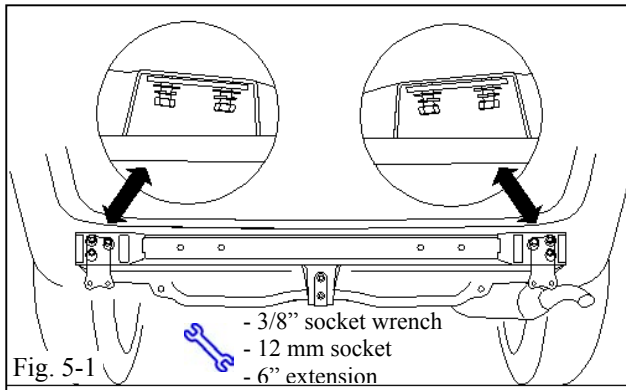
3. Remove Vehicle Tie Down

- (a) Remove (2) M12 Bolts and vehicle tie down (A) from the left hand (Drivers Side) rear of vehicle (Fig. 3-1).
- (b) Dispose of bracket and (2) bolts.



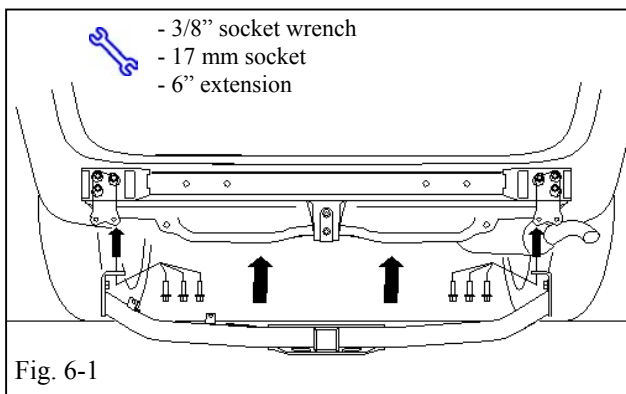
4. Detach Muffler

- ⚠ (a) Protect exhaust tip with a rag or protective tape during installation of hitch (Fig. 5).
- ⚠ (b) Detach muffler from exhaust hanger (Fig. 5).



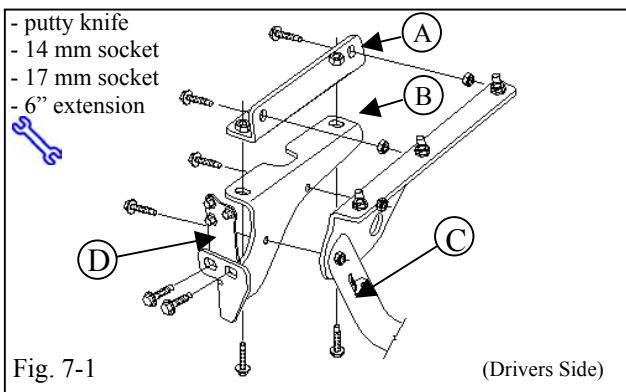
5. Install Bumper Brackets

- (a) Remove M8 bolts from the vehicle bumper beam, and install (RH) and (LH) bumper brackets with (3) OE supplied M8 bolts, each with a lock washer and a flat washer (Fig. 5-1). Do not tighten at this time.



6. Install Hitch

- (a) Lift hitch into place (requires 2 people) and install the (3) M12 x 35 bolts into the (3) weld nuts in the bottom of the frame rails (Fig. 6-1).
- (b) Loosely secure the middle bolts first, then the (2) forward and aft bolts on each side.
- (c) Do not tighten bolts at this time.

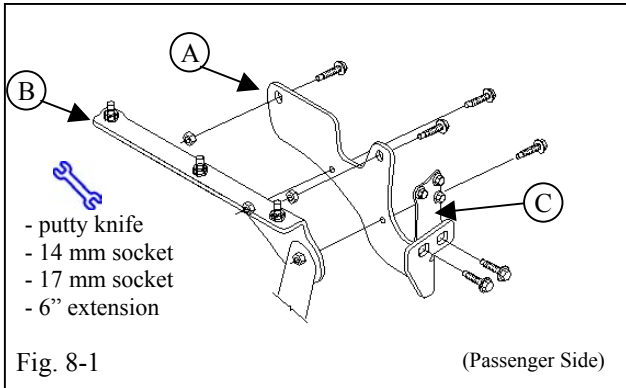


7. Install Drivers Side Brackets

- (a) Install LH Frame Bracket (A) to the side of the frame rail using (2) of the M12 x 35 bolts (Fig. 7-1).

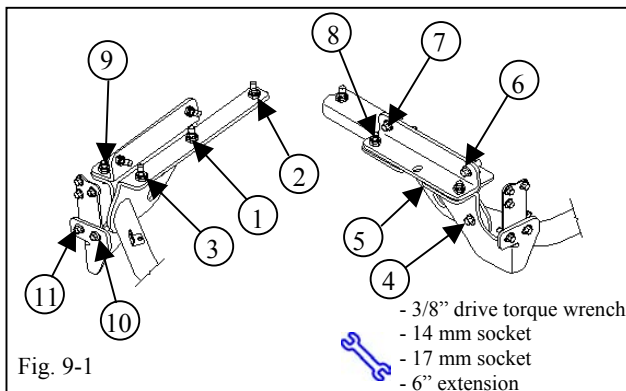
NOTE: Excess body sealant may require removal of sealant before continuing installation. Protect any bare areas with 3M™ Autobody sealant.

- (b) Install LH Support Bracket (B) to Driver's Side of Hitch (C), and to bottom of LH Frame Bracket using (4) M12 x 35 bolts. Do not tighten (Fig. 7-1).
- (c) Fasten LH Support Bracket (B) to LH Bumper Bracket (D) using (4) M12 x 35 bolts. Do not tighten (Fig. 7-1).



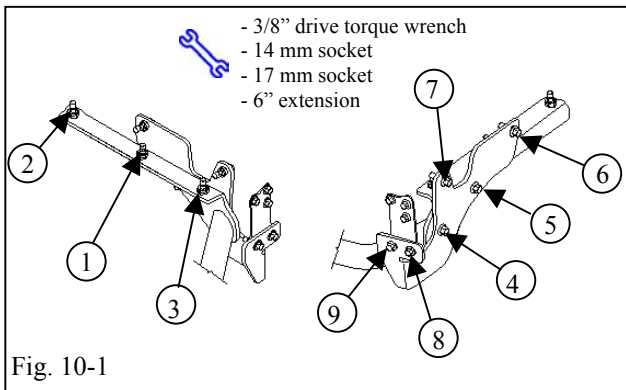
8. Install Passenger Side Bracket

- (a) Install RH Support Bracket (A) to Passenger Side of Hitch (B) using (4) M12 x 35 bolts. Do not tighten (Fig. 8-1).
- (b) Fasten RH Support Bracket (A) to RH Bumper Bracket (C) using (2) M10 x 30 bolts. Do not tighten (Fig. 8-1).



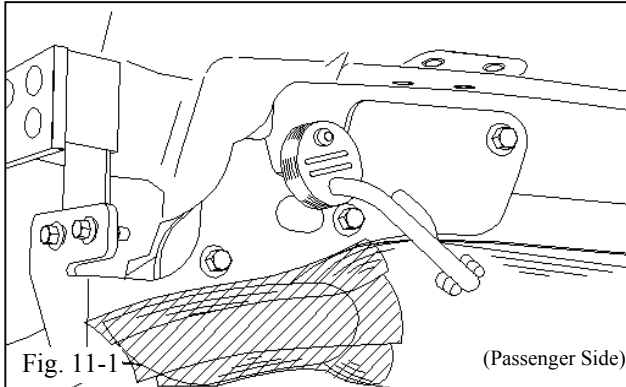
9. Tighten Driver's Side Bolts

- (a) Tighten the three (3) M8 on the bumper brackets to 38 N-m (28 lbf-ft).
- (b) Tighten all M12 x 35 bolts to 80 N-m (60 lbf-ft) in the sequence shown. (Fig. 9-1) 1-9
- (c) Tighten all M10 x 30 bolts to 50 N-m (37 lbf-ft) in the sequence shown. (Fig. 9-1) 10-11



10. Tighten Passenger Side bolts

- (a) Tighten the three (3) M8 on the bumper brackets to 38 N-m (28 lbf-ft).
- (b) Tighten all M12 x 35 Bolts to 80 N-m (60 lbf-ft) in the sequence shown. (Fig. 10-1) 1-7
- (c) Tighten all M10 x 30 bolts to 50 N-m (37 lbf-ft) in the sequence shown. (Fig 10-1) 8-9



11. Reattach muffler and fascia

- (a) Reattach exhaust hanger and exhaust dampener on the passenger side of the vehicle (Fig. 11-1).
- (b) Remove the protective tape or cloth from the exhaust tip.
- (c) With one person on each side of vehicle, snap fascia back into place.
- (d) Reinstall the 10mm bolt on the (RH) side of fascia (Fig. 2-3).
- (e) Reinstall the (2) Phillips head screws on each end of the fascia (Fig. 2-1).
- (f) Reinstall the (2) Phillips head screws under the fascia (Fig. 2-2).
- (g) Reinstall the (7) push pins in the fascia (Fig. 2-1).


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

Check:

Look For:

Accessory Function Checks

Perform Visual check of Trailer Hitch

 Inspection torque (M12 bolts)

Inspection torque (M10 bolts)

Inspection torque (M8 bolts)

Hitch plug.

No Visible Gaps between mating parts or loose bolts.

60 +/- 12 lbf-ft (80 +/- 15 N-m).

37 +/- 7 lbf-ft (50 +/- 9 N-m).

28 +/- 6 lbf-ft (38 +/- 8 N-m).

Placed in glove box.

Vehicle Function Checks

N/A