

# **INSTALLATION INSTRUCTIONS**

**HD4 LD Front Push Bar**

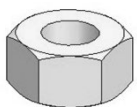
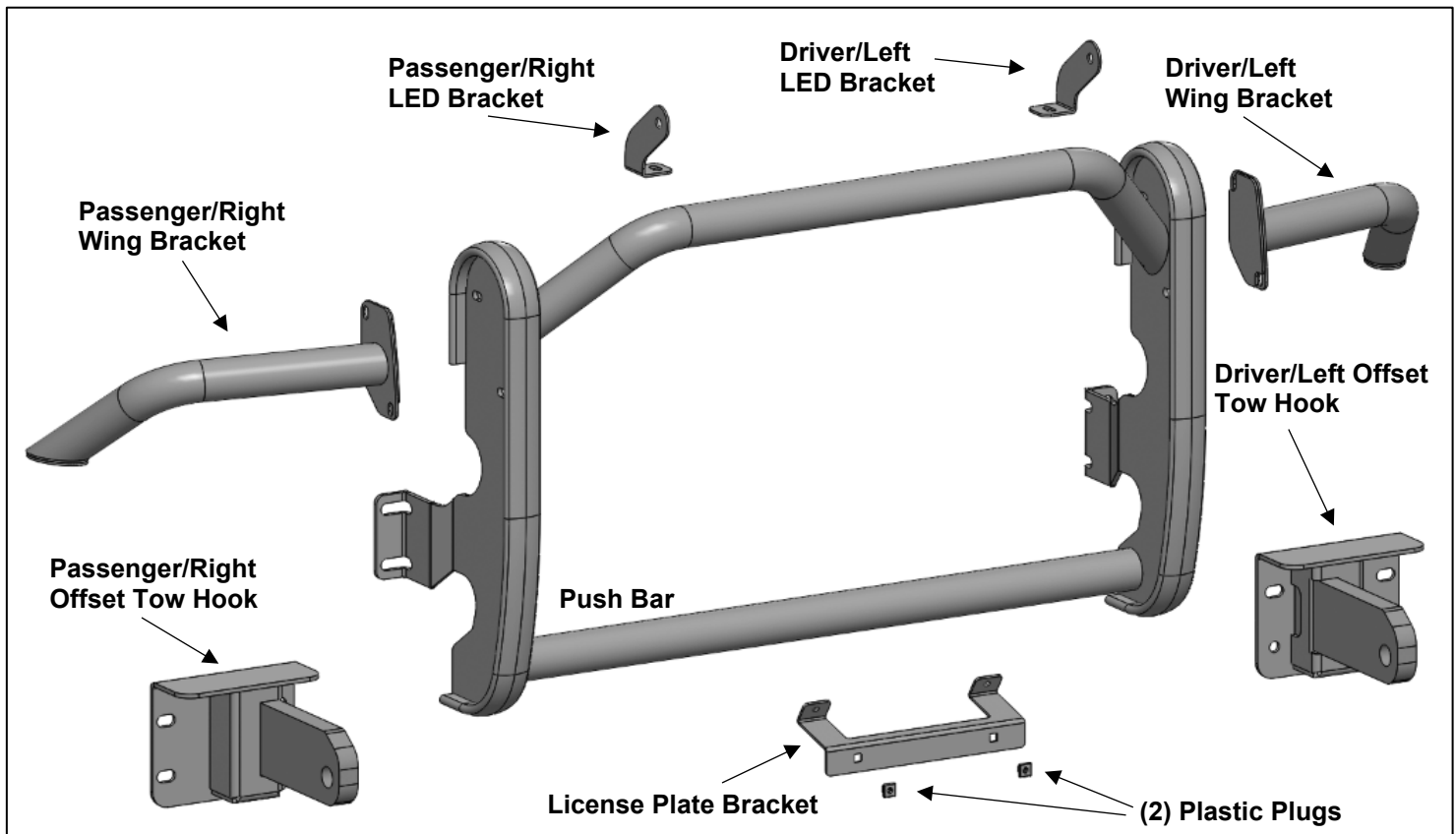
**19-24 Ram 1500**

**R182149**

## Installation Instructions

### PARTS LIST:

Qty	Item Description	Qty	Item Description
1	PS/Right Offset Tow hook	2	8-1.25mm x 25mm Hex Bolts
1	DS/Left Offset Tow hook	4	8-1.25mm x 25mm Button Head Bolts
1	PS/Right Wing tube	2	8-1.25mm x 16mm Hex Bolts
1	Push Bar	2	8-1.25mm x 25mm Hex Combo Bolts
1	DS/Left Wing tube	6	8mm Hex Nuts
1	DS/left LED Bracket	8	8mm x 16mm x 1.6mm Flat Washers
1	License Plate Bracket (Push Bar)	6	8mm x 24mm x 2mm Flat Washers
1	PS/Right LED Bracket	8	8mm Lock Washers
2	12mm Single Bolt Plate	2	6-1.00mm x 20mm Combo Bolts
2	12mm Double Bolt Plate	8	12mm x 32mm x 3mm Flat Washers
2	License plate plastic plugs	8	12mm Lock Washers
1	5mm Wrench	8	12mm Hex Nuts
1	4mm Wrench		



Hex Nut



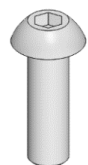
Lock Washer



Flat Washer



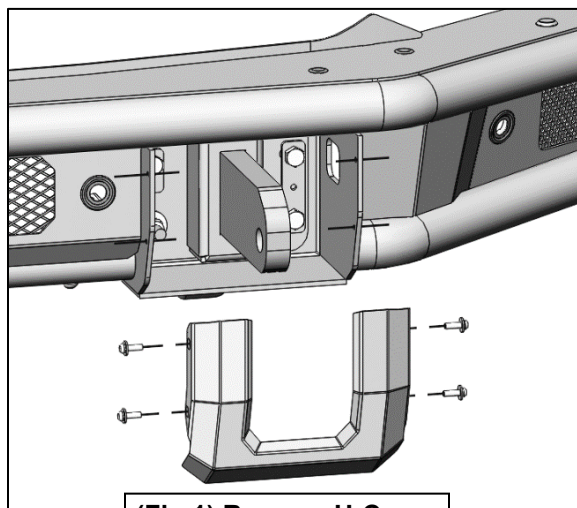
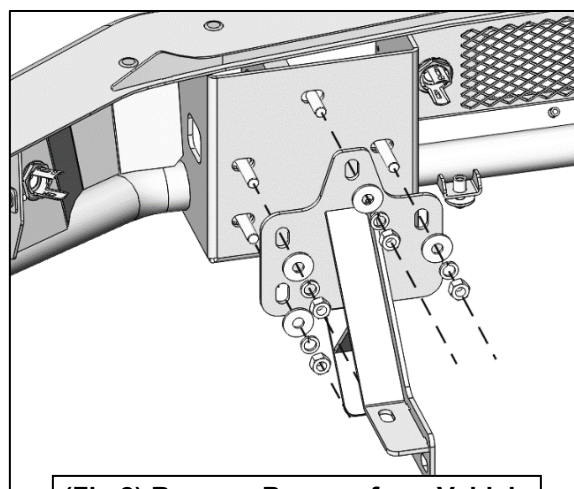
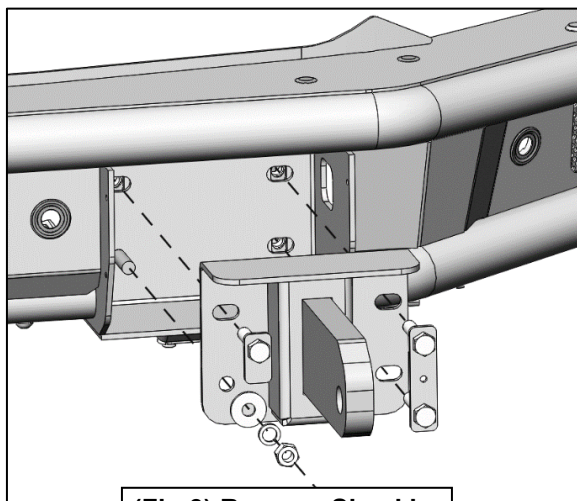
Hex Bolt



Button Head Allen Bolt

**TOOLS REQUIRED****Ratchet****Sockets****Extensions****Wrench**

**1** Follow (Fig 1 – 3) to remove standard Shackle Mounts and prepare for Push Bar Installation.

**(Fig 1) Remove U-Cover****(Fig 2) Remove Bumper from Vehicle****(Fig 3) Remove Shackle Mount from Bumper**

- 2** Follow (Fig 4 – 8) to attach Brackets, then install Push Bar and connect Push Bar Wings. Ensure fasteners are hand tight at this point.

- (2) 12mm Flat Washer  
(2) 12mm Lock Washer  
(2) 12mm Hex Nut
- (1) 12mm Double Hex Bolt

(Fig 4) Attach Offset Tow Hook and Push Bar to Bumper

- (2) 8x25mm Button Head Bolt  
(2) 8x16mm Flat Washer  
(2) 8x24mm Flat Washer  
(2) 8mm Lock Washer  
(2) 8mm Hex Nut

(Fig 6) Attach Wing Bracket to Push Bar

- (1) 8x25mm Combo Bolt

(Fig 8) Attach Wing Bracket to Bumper

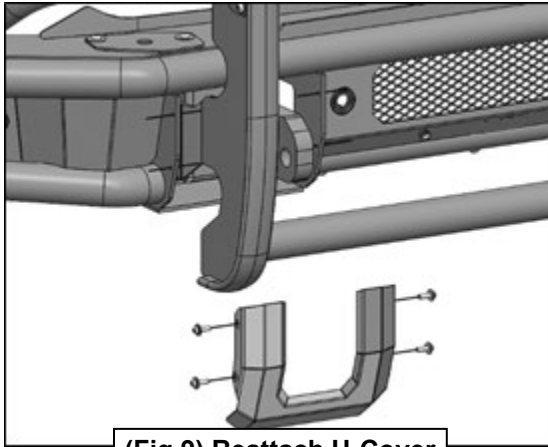
- (4) 12mm Flat Washer  
(4) 12mm Lock Washer  
(4) 12mm Hex Nut

(Fig 5) Reattach Bumper to Vehicle

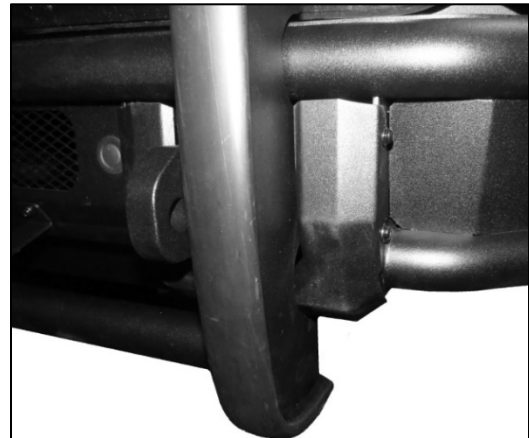
(Fig 7) Attached Wing Bracket

**3**

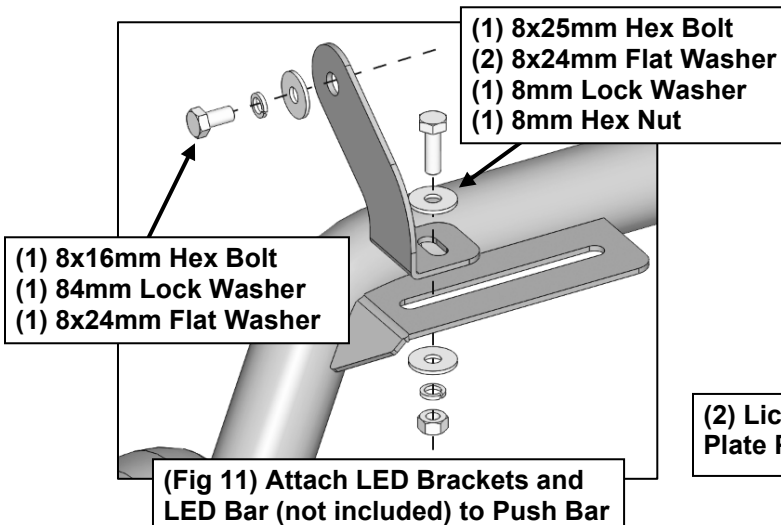
Follow (Fig 9 – 12) to reattach U-covers and attach LED Brackets with LED Bar (not included). Ensure all fasteners are hand tightened at this point.



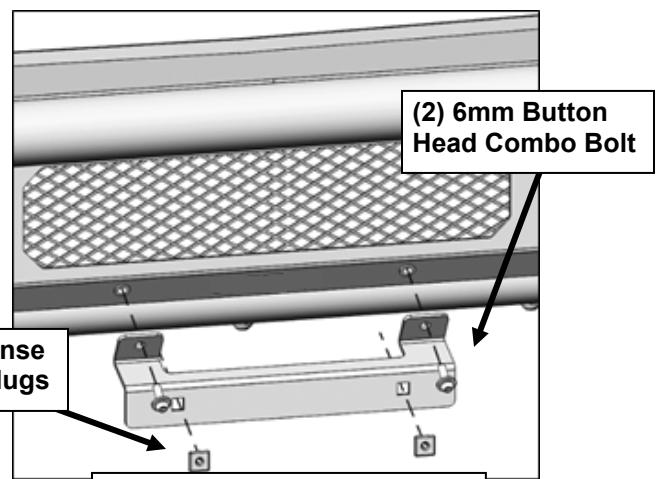
(Fig 9) Reattach U-Cover



(Fig 10) Attached U-Cover and Push Bar



(Fig 11) Attach LED Brackets and LED Bar (not included) to Push Bar



(Fig 12) Attach License Plate Bracket to front of Bumper

**4**

Ensure Push Bar is level and properly fit, then tighten all fasteners. Installation is complete. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

Completed Installation  
(Light Bar not included)