

# **INSTALLATION INSTRUCTIONS**

**HD4 HD Front Push Bar**

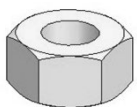
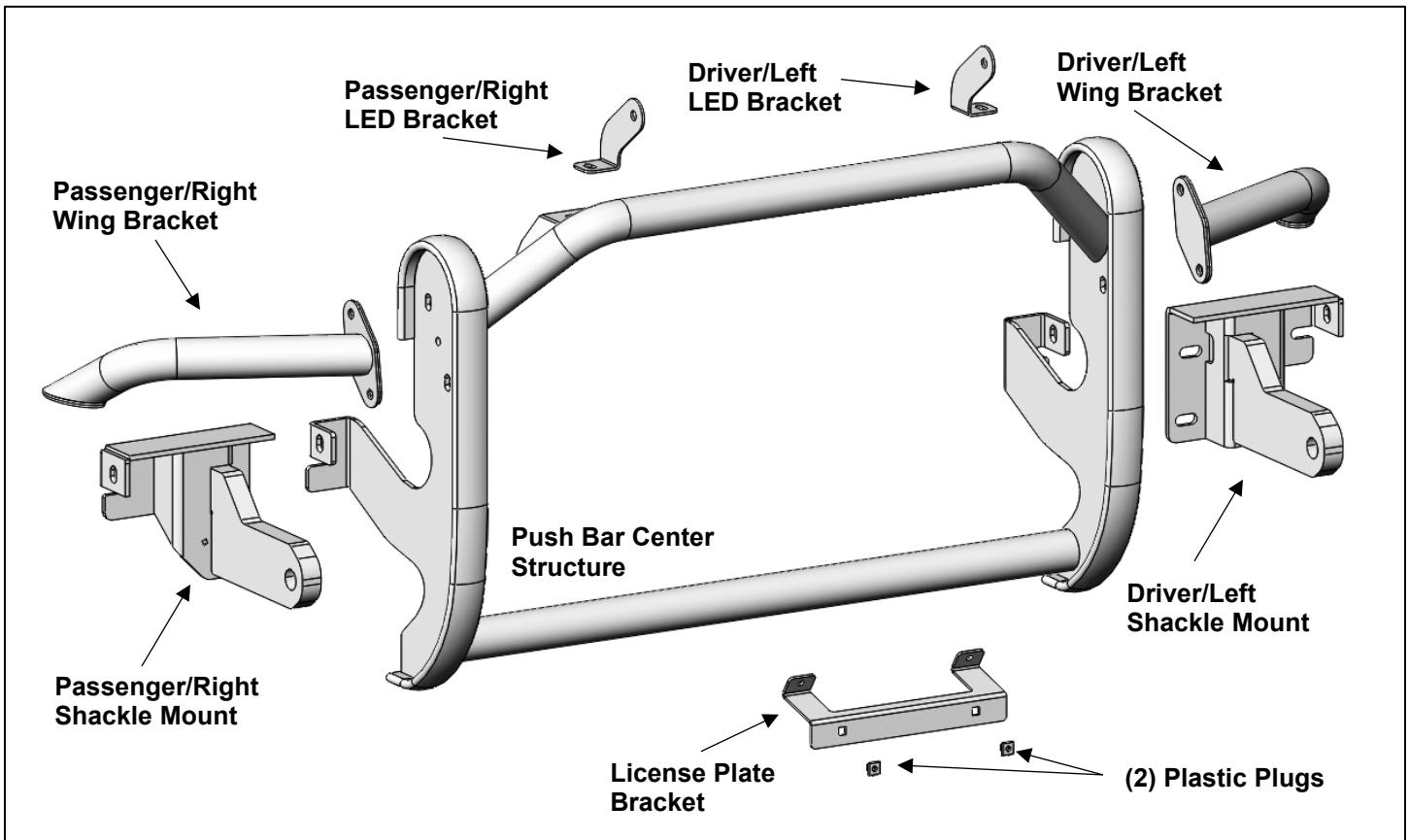
**2018-20 FORD F150**

**T604000**

## Installation Instructions

### PARTS LIST:

Qty	Item Description	Qty	Item Description
1	Push Bar center structure	2	8-1.25mm x 25mm Hex Bolts
1	PS/Right wing Bracket	2	8-1.25mm x 25mm Combo Hex Bolts
1	DS/Left wing Bracket	4	8-1.25mm x 25mm Button Head Allen Bolts
1	License Plate Bracket	2	6-1.00mm x 20mm Combo Button Head Bolts
2	License Plate Bracket Plastic Plugs	1	5mm Allen Wrench
1	PS/right LED Bracket	10	8mm x 24mm x 2mm Flat Washers
1	DS/left LED Bracket	4	8mm x 16mm x 1.6mm Flat Washers
8	12mm Hex Nuts	8	12mm Lock Washers
6	8mm Hex Nuts	8	8mm Lock Washers
2	8-1.25mm x 16mm Hex Bolts	8	12mmx32mmx3mm Flat Washers



Hex Nut



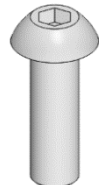
Lock Washer



Flat Washer



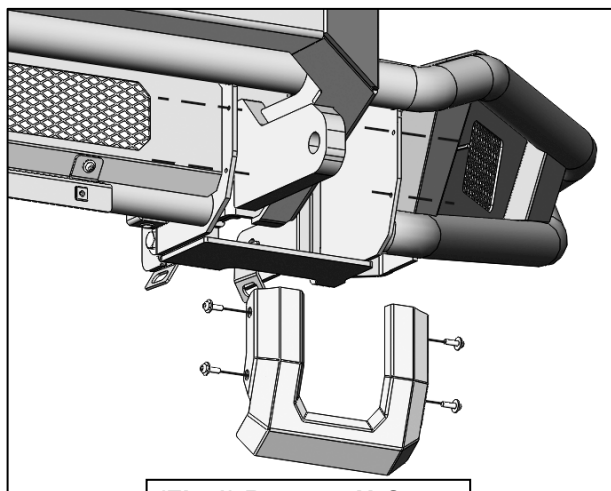
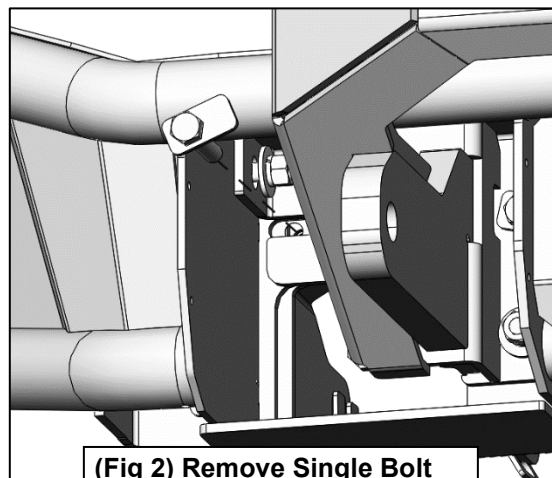
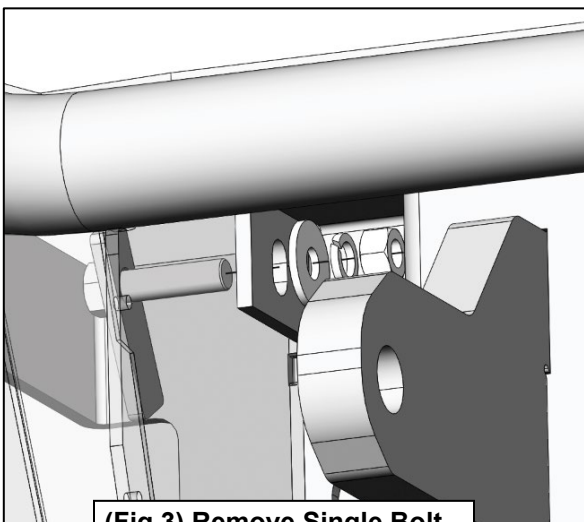
Hex Bolt



Button Head Allen Bolt

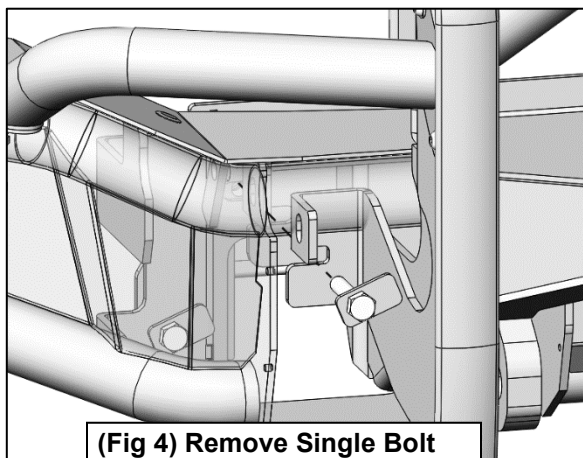
**TOOLS REQUIRED****Ratchet****13 & 19mm Socket****Extensions****Wrench**

- 1** Follow (Fig 1 – 5) to remove standard Shackle Mounts and prepare for Push Bar Installation.

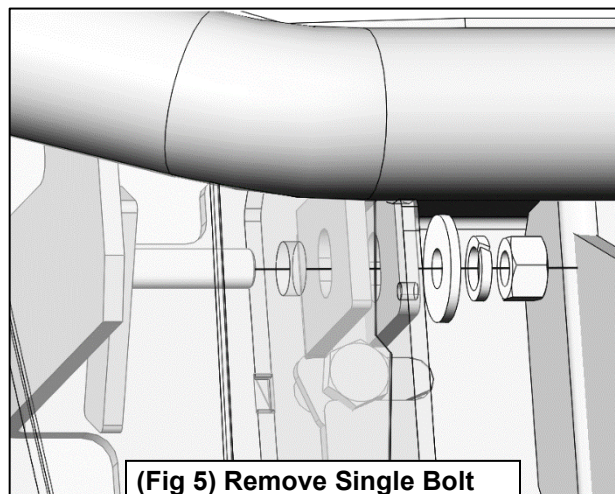
**(Fig 1) Remove U-Cover****(Fig 2) Remove Single Bolt Plate on outer mounting slot****(Fig 3) Remove Single Bolt Plate on side mounting slot**

**2**

Follow (Fig 6 – 14) to attach Brackets, then install Push Bar and connect Push Bar Wings. Then reinstall U-covers. Ensure fasteners are hand tight at this point.



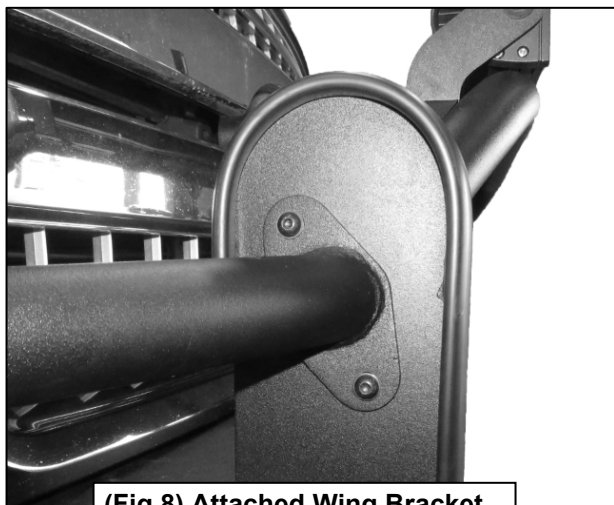
**(Fig 4) Remove Single Bolt Plate on outer mounting slot**



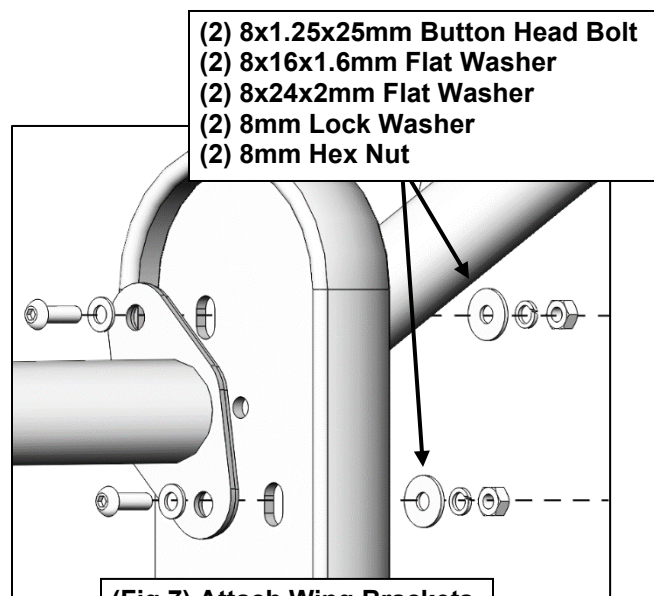
**(Fig 5) Remove Single Bolt Plate on outer mounting slot**



**(Fig 6) Attached Shackle Mount and Push Bar**



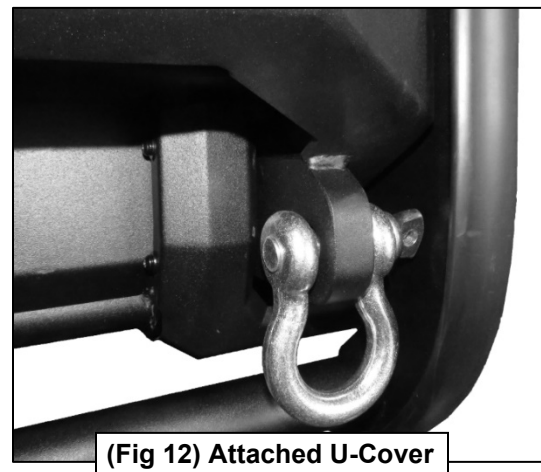
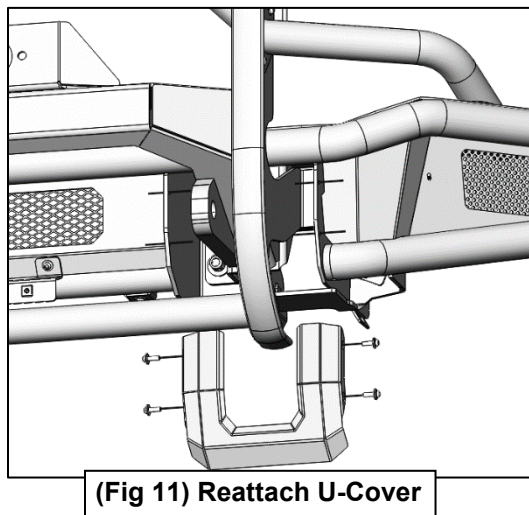
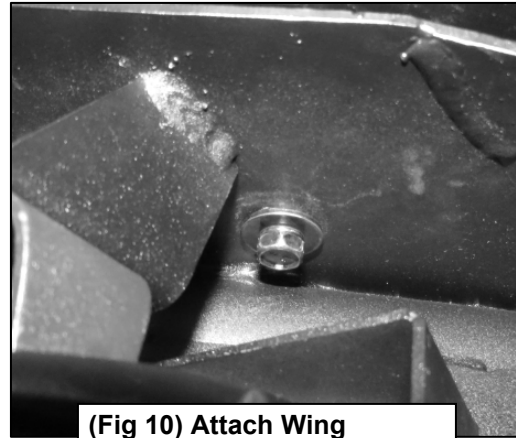
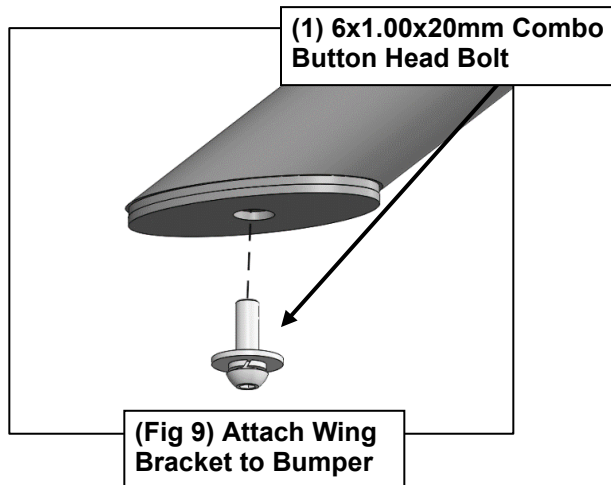
**(Fig 8) Attached Wing Bracket**



- (2) 8x1.25x25mm Button Head Bolt
- (2) 8x16x1.6mm Flat Washer
- (2) 8x24x2mm Flat Washer
- (2) 8mm Lock Washer
- (2) 8mm Hex Nut

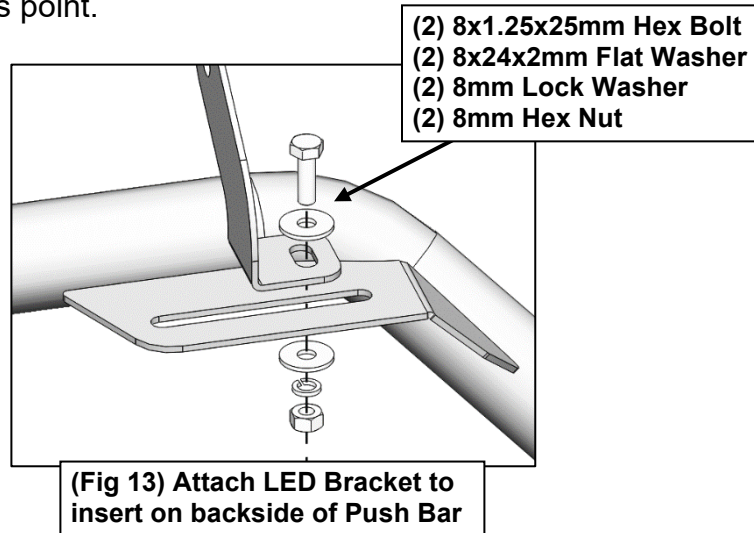
**(Fig 7) Attach Wing Brackets to the side of Push Bar**





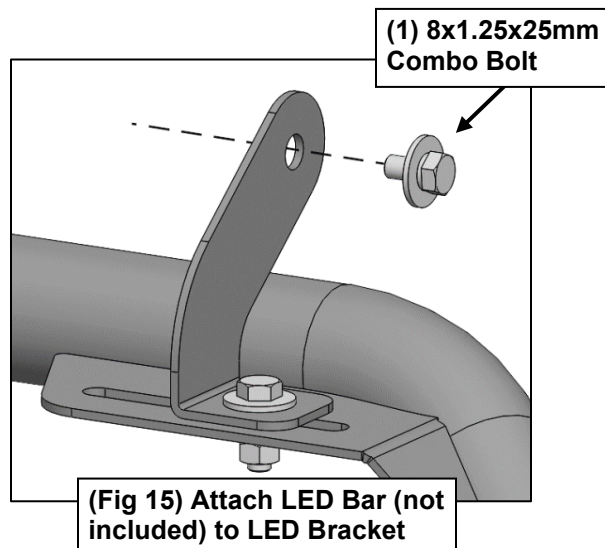
3

Follow (Fig 15 – 18) to attach LED Brackets and LED Bar (not included). Ensure all fasteners are hand tightened at this point.





(Fig 14) Attached LED Bracket



(Fig 15) Attach LED Bar (not included) to LED Bracket



(Fig 18) Attached LED Bar (not included)

**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.



Complete Installation (Light not included)