



# INSTALLATION INSTRUCTIONS

'16-'19 PI Utility

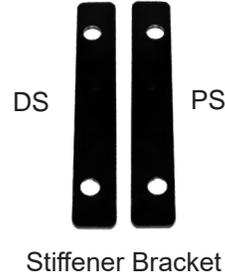
Jotto Force - Push Bumper

475-1095

**NOTE: NOT for use with EcoBoost models**



Universal SUV/Utility  
Vertical Bumper Assembly



Stiffener Bracket



Mounting Bracket



Lower Support Bracket



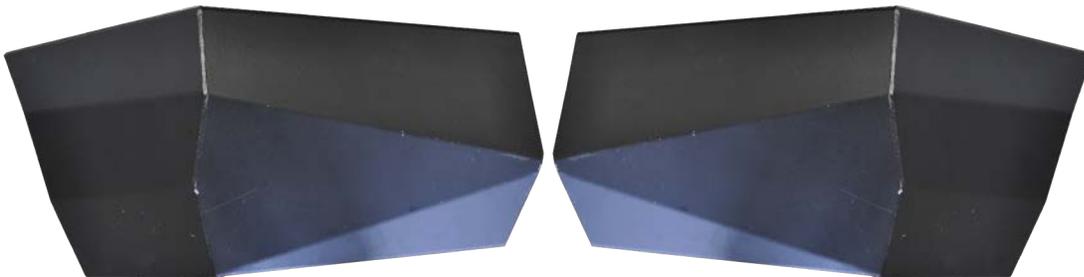
Upper Strap Bracket



(Optional)  
Wing Guards



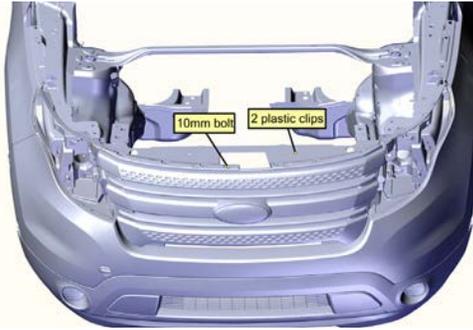
Oil Cooler Brackets



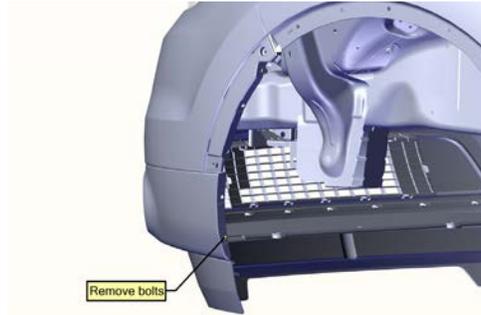
(Optional)  
Wings Wraps



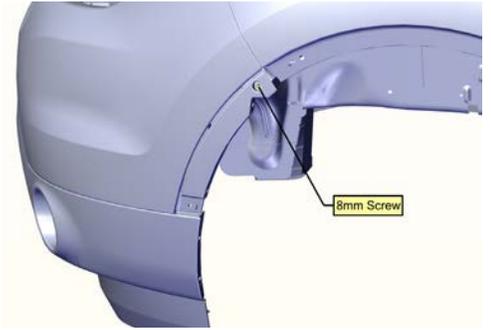
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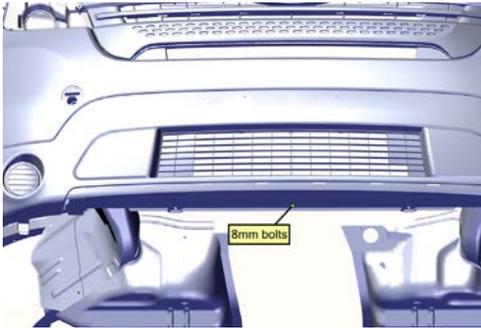
Remove (7) 10mm bolts and (2) plastic clips to remove the plastic cover. Set aside. Temporarily replace (2) 10mm bolts by hand to hold bumper before removal.



For easier access to bolts you may want to turn wheels, remove (7) 5.5mm screws and then unsnap outer wheel trim. Repeat for other side.



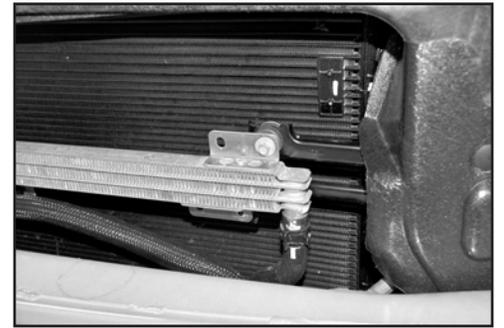
Remove exposed (2) 8mm screws. Repeat for other side.



On underneath of OEM bumper, remove (7) 8mm bolts.



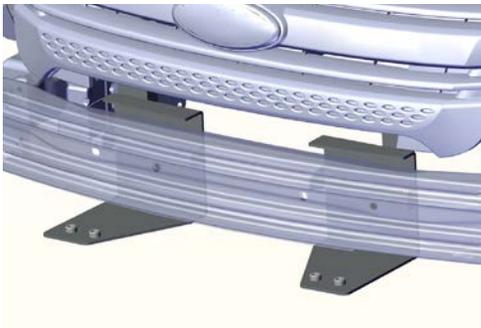
Unsnap bumper from frame. Then remove (2) 10mm bolts from top of bumper that had been temporarily placed earlier and set aside. Remove Lower center grill and set aside.



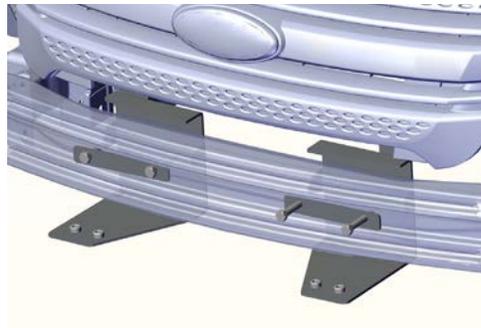
Loosen (4) 10mm bolts from oil cooler and leave loose. Attach Oil Cooler Brackets onto OEM brackets.

Attach oil cooler to Oil Cooler Brackets using provided hardware.

**Ensure electrical plug is unhooked.**



Install the Mounting Brackets behind the OEM bumper support, being careful not to damage the oil cooler.



When Mounting Brackets are in place, secure through open holes in OEM bumper support. Attach using provided 1/2" bolts and Stiffener Brackets.



Remove upper clip from foam cover and flip down out of way. Then remove (2) 10mm OEM bolts from each side.

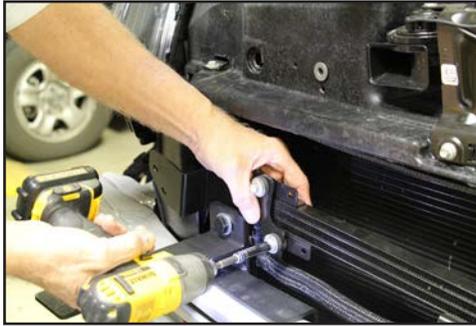
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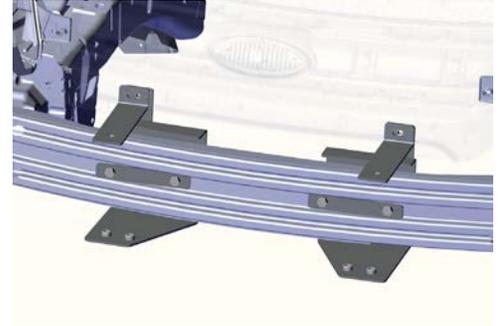
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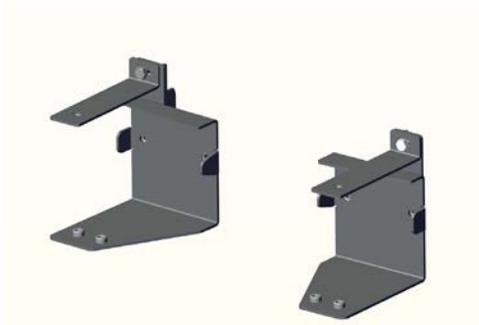
Remove the rubber bushings from OEM bracket and place onto Oil Cooler Bracket.



Use provide (4) 10mm OEM bolts and to re-install oil cooler onto Oil Cooler Brackets.



Position Oil Cooler Bracket back onto vehicle and secure using OEM bolts.



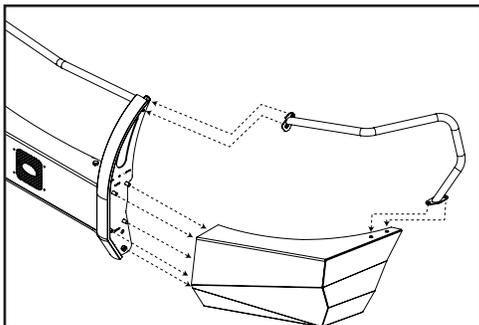
Install Upper Strap Brackets using (2) 1/2 - 13 x 1 hex head bolts on top section of current push bumper bracket make sure that the short/vertical section is facing upward and the nut insert is on the bottom of the bracket..



Carefully re-install OEM bumper back onto vehicle. You will need to make sure lower opening goes onto Mounting Brackets first and then with a little pressure and bend bumper over the top of Upper Strap Brackets.

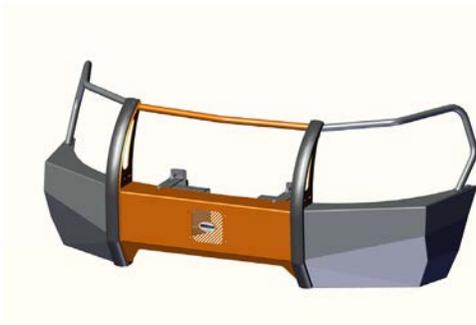


Re-secure OEM bumper facia in reverse order of removal.

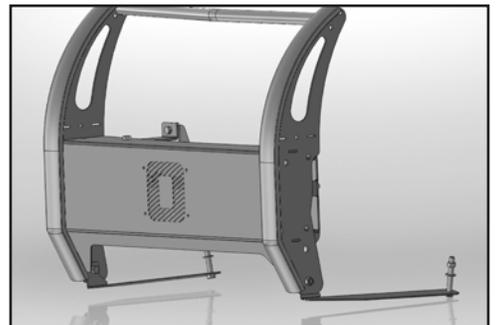


### IF ORDERED WITH OPTIONAL WINGS

Secure PS/DS Wings to SUV/Utility Vertical Assembly using (10) provided 1/2" bolts - (5) bolts per side. Next, secure Guard Bars to the Wings and SUV/Utility Vertical Assembly using (8) provided 3/8" bolts - (4) per side.



With assistance, install SUV/Utility Push Bumper using provided (6) 1/2 - 13 x 1 hex head bolts. (Shown with Optional Wings)



Install Lower Support Brackets to base of SUV/Utility Push Bumper using provided (2) 1/2 - 13 x 1 hex head bolts. An additional (2) 1/2 - 13 x 3.75 hex head bolts will be used to secure Lower Support Brackets to the cross member of the vehicle.

If you have questions or need further assistance please call Technical Support: 1.877.455.6886



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