

INSTALLATION GUIDE

2019+ SPRINTER FRONT BUMPER



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SKILL LEVEL - 4 STARS



- 1 STAR
- 2 STARS
- 3 STARS
- 4 STARS
- 5 STARS

- EASY - No tools required
- BASIC - Requires standard tools, basic mechanical knowledge and understanding
- MODERATE - Requires standard tools. Some drilling and/or cutting.
- ADVANCED - Requires speciality tools. Drilling, cutting, and/or welding
- EXPERT - Professional installation recommended.

DISCLAIMER

Expedition One is not responsible for any damages to vehicle or injury.
We always recommend professional assistance when installing our vehicle products.

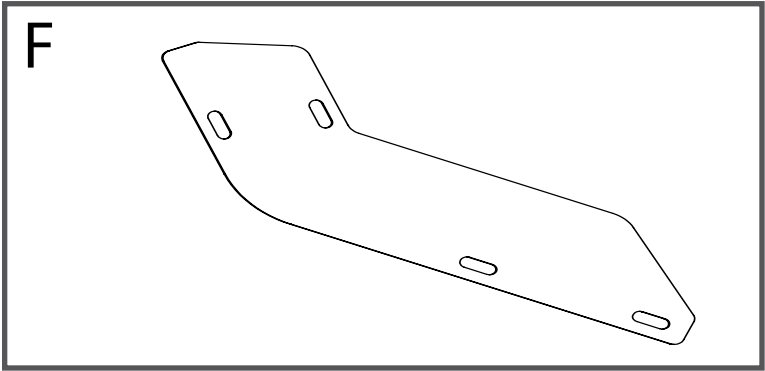
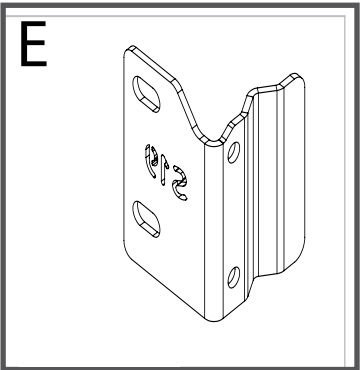
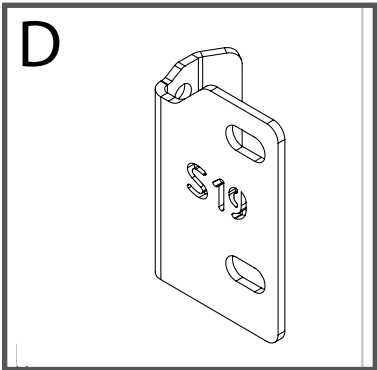
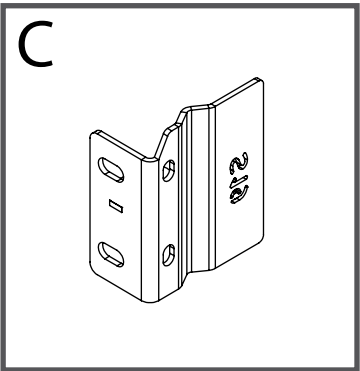
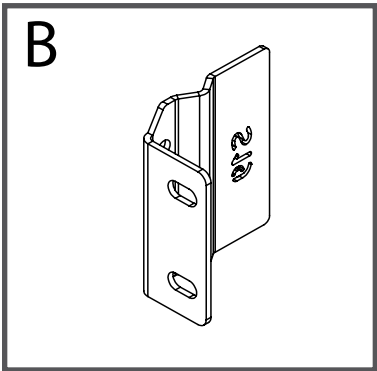
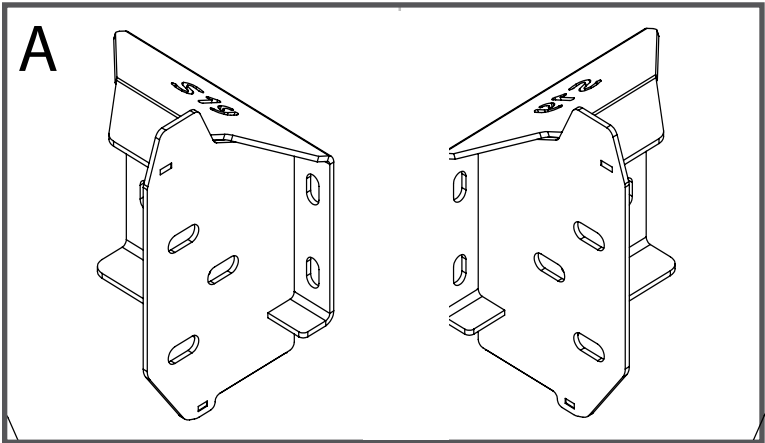
Always follow safety precautions including the use safety gear and devices.

Check, Tighten, and Inspect all hardware regularly.

HARDWARE

HARDWARE

ITEM	QTY
<u>A</u> Mounting Brackets	2
<u>B</u> Reinforcement Bracket 1	1
<u>C</u> Reinforcement Bracket 2	1
<u>D</u> Reinforcement Bracket 3	1
<u>E</u> Reinforcement Bracket 4	1
<u>F</u> DEF Tank Covers	2
Front Bumper Hardware	
1/4"-20 X 1 1/4" Hex Cap Bolt	6
1/4"-20 Nyloc Nut	6
1/4" SAE Washer	12
3/8"-16 X 4" Hex Cap Bolt	4
3/8"-16 Nyloc Nut	4
3/8"- SAE Washer	8
1/2"-13 X 1 1/2" Hex Cap Bolt	15
1/2"-13 Nyloc Nut	15
1/2" USS Washer	30
Oval Spacers	8



BUMPER REMOVAL

1 REMOVE BUMPER HARDWARE

Undo the hardware in the locations on, below, and in the wheelwells of the bumper as shown.



2 REMOVE GRILLE HARDWARE

Undo the hardware in the locations as shown under the hood to allow for the grilles removal.



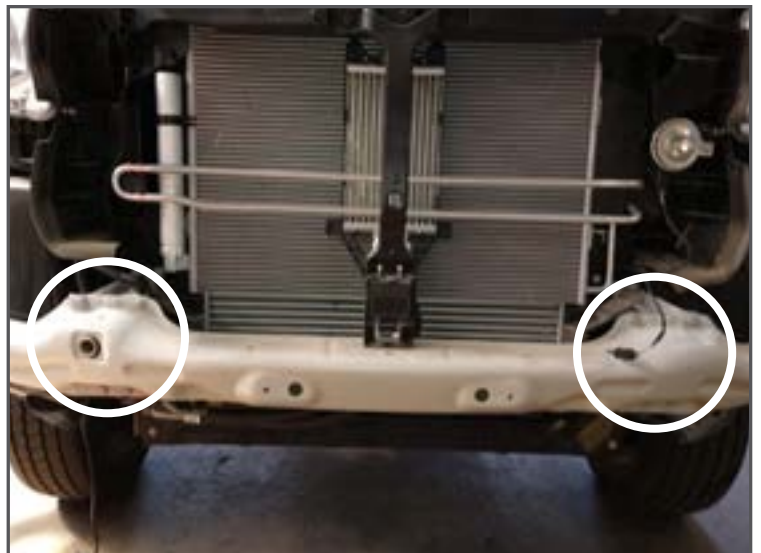
3 BUMPER REMOVAL

Disconnect all wiring looms and sensor connections before the bumper. Remove the grille as shown by pulling on the outside corners. One wire connection will need to be unplugged once you have access before complete removal. Once the grille is pulled, undo the remaining bumper hardware and pull the bumper off from the corners.



4 CROSSMEMBER REMOVAL

Unbolt the crossmember from the vehicle in the location as shown on both sides and remove. The center riser will need to be unbolt for removal.



FRAME MODIFICATIONS

5 MOUNT LOCATION CUTTING

With the crossmember removed the angle sections of the mounting location will need to be cut to allow for frame bracket mounting. Cut on the inside of the bend as shown. Finish the edge and coat for protection once completed.



6 HOLE DRILLING LOCATIONS

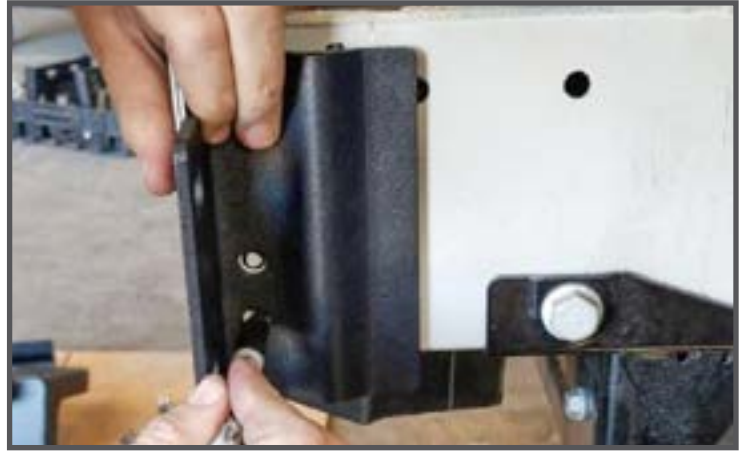
Test fit the mounting bracket as shown using the OEM hardware. Use this for locating thereinformement bracket hole locations for drilling. Mark the locations and drill to fit the 3/8" hardware. Finish the edge and coat for protection once completed.



CONTINUED

SEE DIAGRAM NEXT PAGE FOR BRACKET PLACEMENT

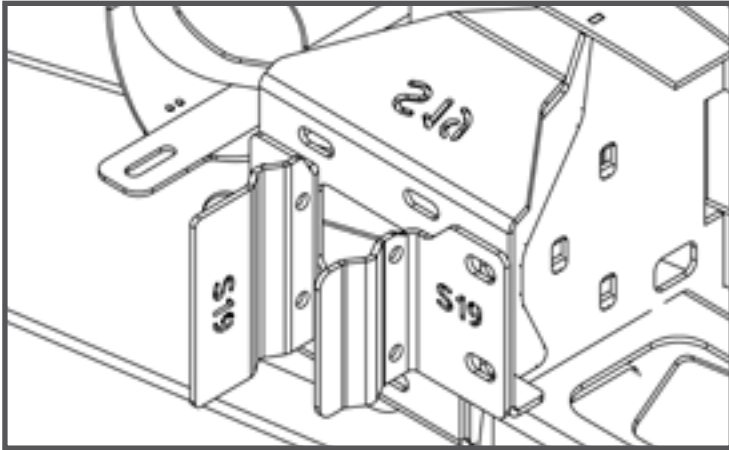
Example shown below, hole locations may vary.



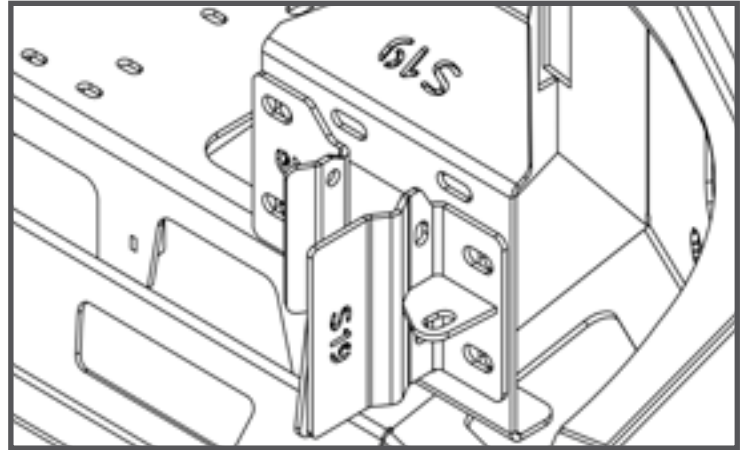
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DIAGRAM FOR BRACKET PLACEMENT

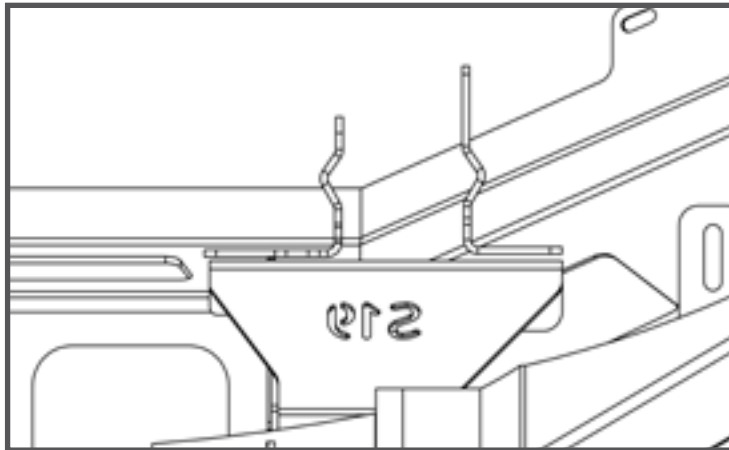
Mark locations for drilling based on each bracket.



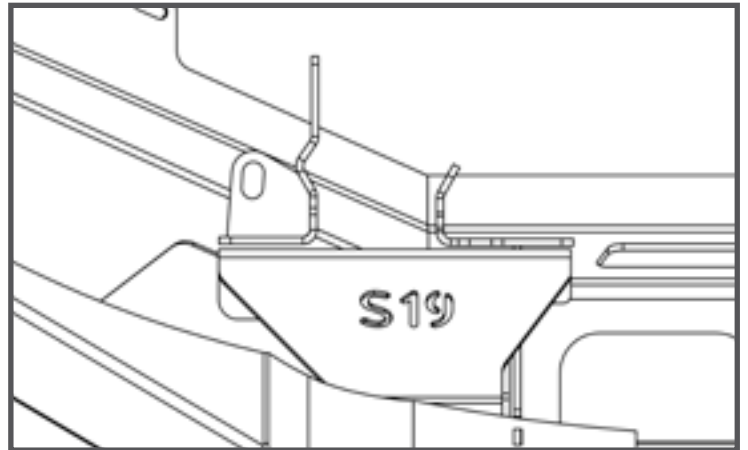
DRIVER SIDE



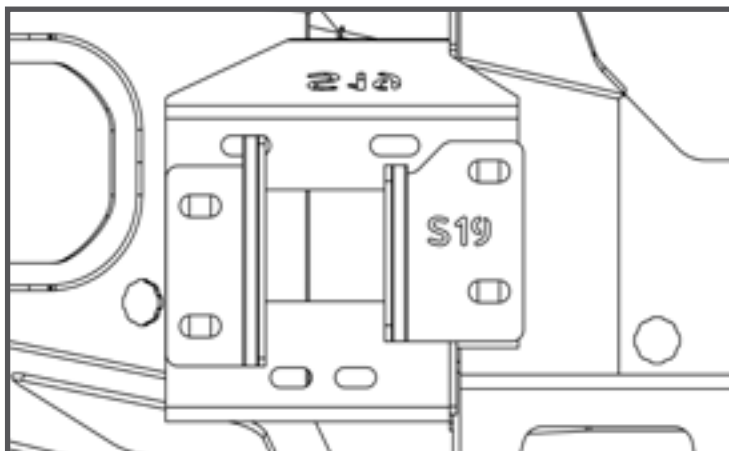
PASSENGER SIDE - NOTE TAB FOR DEF TANK



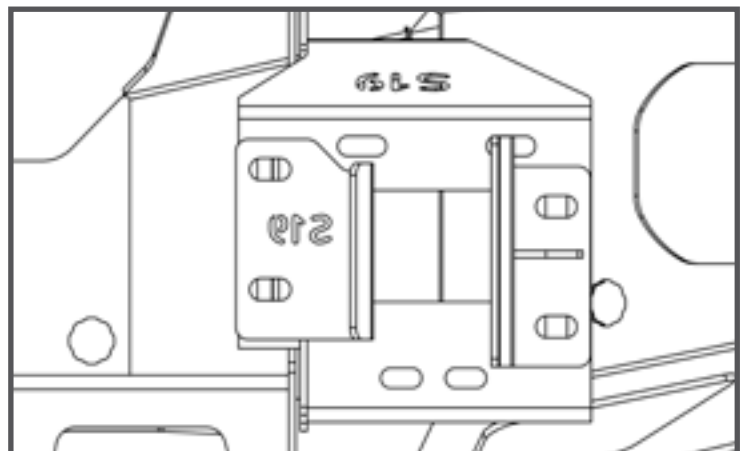
DRIVER SIDE - TOP VIEW



PASSENGER SIDE - TOP VIEW



DRIVER SIDE - REAR VIEW



PASSENGER SIDE - REAR VIEW

BRACKET MOUNTING

7 MOUNTING

Attach the mounting brackets as shown using the OEM hardware. Leave loose for adjustment and reinforcement bracket fitting.



Next mount the reinforcement brackets and mount using the provided 3/8" and 1/2" hardware and spacers. Leave hardware loose for adjustment. Attach the DEF tank to the bracket with mounting tab.



8 MOUNTING

Test fit the bumpet to adjust the mounting brackets so they fit on the inside of the bumper for mounting and not the center winch section. Adjust accordingly and tighten all hardware. Install the winch at this time.

TRIMMING

9 OEM BUMPER TRIMMING

Before mounting the bumper the OEM one will need to be trimmed and installed. Mask the location and cut the bumper as shown below. CUT ON THE BOTTOM EDGE (ARROW DIRECTION).



MARK 3 1/2" FROM CORNER ENDS



CONT. STRAIGHT FROM THE CORNER ENDS



CONT. FROM THE ENDS TO THE FOG LIGHTS



FOLLOW THE CURVE OF THE FOG LIGHTS



CONT. TO THE TOP OF THE CENTER SECTION



CENTER SECTION

BUMPER MOUNTING

10 MOUNTING

Attach the OEM and mount once cutting is complete. Install the bumper in place and attach using the 1/2" hardware. Leave the hardware loose for adjustment and leveling of the bumper before tightening. If a winch is installed the grill may need to be moved or bent out of place to mount the bumper.



11 DEF TANK COVERS

OPTION 1 - Trim back or remove the wheelwell liners as desired

OPTION 2 - Trim back the lower side of the wheelwell liners and tuck them inside of the bumper. Mount the covers to the underside of the bumper using the provided hardware. Attach the wheelwell lining to covers using existing holes or other means to finish.