

INSTALLATION INSTRUCTIONS

NOMAD™ SERIES FRONT BUMPER



Application: 2020+ Ford Transit Front

Thank you for choosing Backwoods Adventure Mods for your bumper! We value our customers and off road lifestyle.

Safety First! Thoroughly read all instructions and warnings before beginning the installation. Use your own judgment and, if necessary, have the installation done by a professional.

This bumper is intended for off-road use only. The owner assumes all liability for installation and use. Any sensor will have an altered view when installed in an after-market bumper.

Tools Needed:

- Metric and SAE Socket Set
- Metric and SAE Wrench Set
- Trim Removal Tool and/or Flat Screwdriver
- Tape and Marker
- Body Saw or Cutoff Wheel
- Chisel and Hammer
- Grinder

Hardware Included (Kit BW00-0046):

- (22) 7/16" -14 x 1 1/2" Grade 8 Bolts
- (44) 7/16" Flat Washers
- (22) 7/16" Lock Nuts
- (22) 7/16" -14 Hex Nuts
- (8) 3/8" -16 x 1 1/2" Grade 8 Bolts
- (16) 3/8" Flat Washers
- (8) 3/8" Lock Washers
- (8) 3/8" -16 Hex Nuts

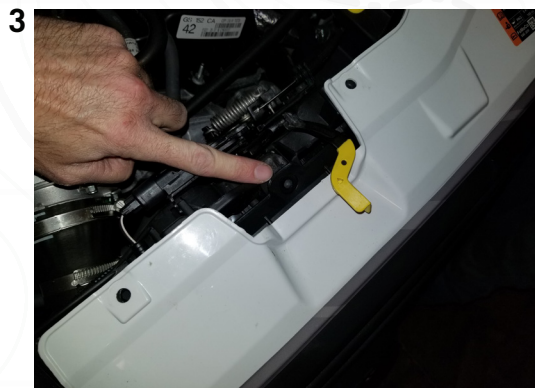
Remove Original Bumper:

1. To reuse your fender flares, they will need to be trimmed to length to match the new bumper. Using tape, a straight edge, and a marker, draw a line on the flare where the bumper meets the fender. **(Picture 1)**
2. While still attached, trim fender flares using a trim tool and carefully cut along your line from Step 1. An oscillating tool works great for this, but a small body saw or cutoff wheel on a grinder will also work.



3. Remove OEM bumper and grill.

-Using a trim tool and 10mm socket, remove the plastic rivets and small bolts at the top of the grill under the hood, in front of the tire, the bottom of the bumper, and inside the wheel well. (Pictures 2-5)



-Using a 13mm socket, remove the bolts at the front center of the bumper. (Picture 6)

-Using a trim tool or small flat screwdriver, pry up the plastic snap fittings. (Pictures 7-9). One by each light and 2 under the top of the grill.





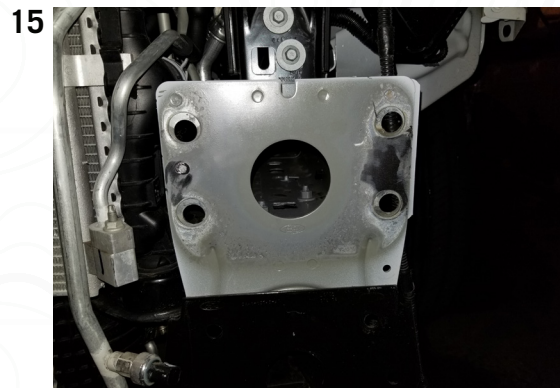
4. Remove all plastic shrouds and splash shields. Using a 10mm socket and trim tool, remove one shroud on each side of the radiator, the main scoop, and the driver side splash shield. Remove the wire to the AC line.
5. Using a 13mm socket, remove the 8 bolts from the lower bumper/brace. (Pictures 10 & 11)



6. Next, remove the 8 bolts from the main bumper.
7. In addition to being bolted on, the original Ford bumper is also welded on with two spot welds on each side. Use a chisel (drive it between the bumper and the frame) to break the spot welds. (Pictures 12 & 13)

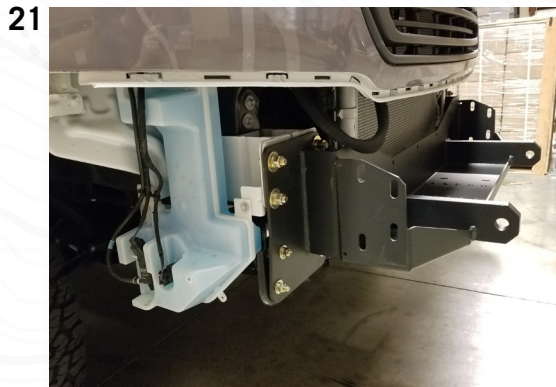


8. Grind off leftover broken welds so that the frame end is smooth. **(Pictures 14 & 15)**
9. Separate upper bumper cover and grill from main bumper cover (8mm, screwdriver, and/or trim tool). **(Pictures 16-17)**
10. Reinstall the upper bumper cover and grill on the van with the OEM hardware. **(Picture 18)**



Install Your New Bumper:

1. Attach winch cradle using the supplied hardware from kit BW00-0046. Sandwich the flat 4 holed spacer plates in-between the frame and the winch cradle (not pictured). Loosely fasten the hardware on both sides and center the winch cradle. Use (8) of the 7/16" diameter sets for upper holes and the (8) 3/8" diameter sets for the lower holes. Tighten once centered.



2. If you ordered a winch, install it now using the manufacturer's instructions. **(Picture 23)**

3. Prepare to attach the outer bumper shell to the winch cradle using the supplied (8) 7/16" bolts.



If equipped with the active cruise control sensor, remove sensor from factory bracket and install sensor into our new bracket. Install assembly onto the bumper making sure it's in the same orientation as it was from the factory. For the parking sensor cutouts on the bumper, either install the delete plugs (if not equipped with sensors) or install the supplied plastic sensor housings. Connect sensors into housings in the same location as the factory bumper.

4. Hang and attach the outer shell bumper onto the winch cradle and loosely fasten hardware. Adjust gaps where the bumper doesn't touch the body and everything looks even. Tighten hardware.
5. Install lights using manufacturer's instructions.

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