

Installation Kit Includes

- 4 - ¼" x ¾" Bolts / License Plate Bolts
- 4 - ¼" Lock Nuts / License Plate Lock Nuts
- 4 - 7/16" X 1 ½" Bolts / Lower bumper mount Bolts
- 8 - 7/16" Washers / Lower bumper mount Washers
- 4 - 7/16" Lock Nuts / Lower bumper Lock Nuts
- 4 - Parking sensor grommets if so equipped

Tools Required

- Ratchet / Extension
- Sockets 5/8" - 7/16" – 18mm – 15mm – 13mm – 10mm
- Wrenches 5/8" - 7/16" 18mm – 15mm – 13mm – 10mm
- Phillips Screwdriver
- Clip removing tool

Safety

- Always wear safety glasses, and remove Jewelry.



Remove Factory Bumper

- Remove lower outside bumper braces 3 bolts each side using a 15mm socket with air gun
- Unclip and remove the plastic grill cover under hood, remove the 4 10mm bolts that hold grill to truck, remove the grill.
- Disconnect factory wiring harness under truck in center of towards passenger side.
- Support the factory bumper using a jack.
- Unbolt the main bumper, remove the 4 bolts that hold the factory bumper to frame mounts 2 each side, using 18mm with 6" extension, remove bumper from truck.
- Remove bumper to frame brackets 4 bolts each side 15mm. **KEEP THESE BOLT THEY WILL BE REUSED!!!**
- Unbolt the factory tow hooks using 18mm wrench and socket.

Bumper Installation

- Install License plate, and parking sensor grommets if so ordered, and install the sensors in grommets, run the wiring on back side of bumper before installing bumper on truck.
 - Lift bumper carefully, resting on Jack align bumper up with factory frame mounts, using the 8 factory bolts start them in to the frame, then install lower bolts with washers and lock nuts in to the lower section of the frame.
 - Using a jack adjust bumper up so both sides have the same space under the head lights, (3/8" Recommend Gap)
 - Tighten the factory bolts on the main frame first on both sides. **USING FACTORY TORQUE SPECS**
 - Tighten the 7/16" bolts on lower part of the frame.
 - **MAKE SURE ALL BOLTS ARE TIGHT AND CHECK THEM ON A REGULAR BASIS.**
 - Plug in the factory bumper wiring harness
 - If you are using aftermarket lights refer to their instructions for wiring them.
 - Reinstall the factory grill,
 - Reinstall the factory plastic grill cover and clips
- This Product is for OFFROAD USE ONLY. All Liability for installation and use rests with the end Consumer, TDK is not responsible.



