

HEAVY DUTY BUMPER INSTALLATION FBM99DGN

2010-17 Ram HD W/ Sensors (Without Winch Mount) Including Diesel Models

Hardware Kit Includes:

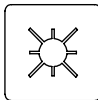
- (1) 4 – BP5190 T-Bolts
- (2) 8 – 12mm plastic push nuts

Components List:

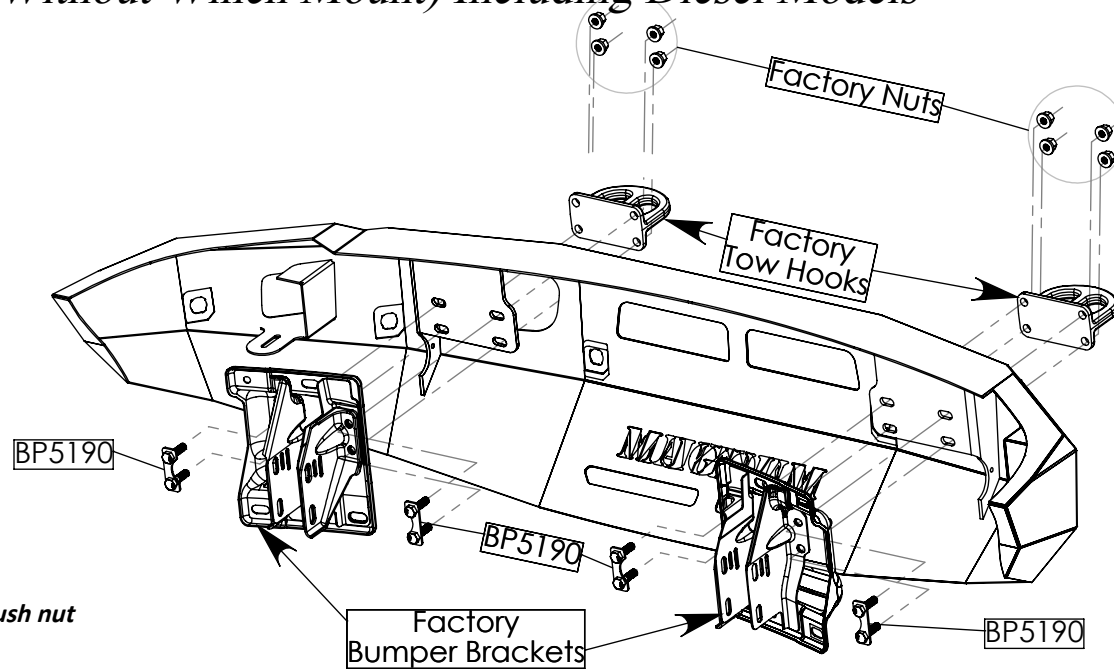
- (1) – Heavy Duty Bumper FBM77DGN
- (2) – (4) BP5190 T-BOLTS

DISCLAIMER: USE ONLY COMPONENTS AND HARDWARE SUPPLIED BY ICI. NO SUBSTITUTIONS.

LOOSE FIT ALL COMPONENTS. DO NOT TIGHTEN UNTIL ALL COMPONENTS ARE INSTALLED AND ADJUSTED.



12mm push nut



- STEP 1.** Before you begin the installation of your new Magnum Bumper, lay out all components and inspect the hardware kit for completeness. Read instructions completely and make sure you fully understand the installation process.
- STEP 2.** Open hood of vehicle and disconnect negative battery terminal.
- STEP 3.** Begin by unplugging the fog lamp plug from the rear of the bumper on the driver side (if so equipped) and unplug wiring harness from all sensors.
- STEP 4.** Next unbolt and remove the tow hooks from the inner bumper support. Remove the four bolts on each side attaching it to the inner bumper assembly, save the flanged nuts for reinstallation with the new Magnum Bumper.
- STEP 5.** Now unbolt and remove the factory bumper assembly. Using a $\frac{3}{4}$ " or 19mm wrench or equivalent, remove the eight (four per side) inner retaining nuts on the back side of the bumper and on either side of the frame rails. With the eight nuts removed, carefully slide the bumper forward and away from the frame, put aside and out of the way.
- STEP 6.** ICI recommends that you loosen the inner factory frame brackets prior to installation of your new Magnum bumper. This will allow for more adjustability once the bumper has been installed. Leave these brackets slightly loose until after the bumper is completely installed and properly adjusted.
- STEP 7.** Next mount the BP5190 double T-bolts into the factory tow hook/inner frame bracket locations. Slide the T-bolt in from the rear of the bracket with the notched side facing the frame and attach using the M12 plastic push-nuts supplied in the hardware kit.
- STEP 8.** With help, raise the Magnum bumper up and align the inner bracket on the bumper with the BP5190 T-bolts, slide the bumper onto the T-bolt and hold in place. Next slide the factory tow hooks onto the BP5190 T-bolt and attach using the M12 Factory flange nuts removed in step #4. Leave slightly loose.
- STEP 9.** Now adjust the Magnum Bumper up and down and from side to side until you achieve equal spacing. The bumper should sit approximately $\frac{1}{16}$ "- $\frac{1}{8}$ " below the headlamps, and $\frac{1}{4}$ "- $\frac{3}{8}$ " outside of the fender on either side of the vehicle. Once you are satisfied with the fitment fully tighten all mounting hardware. Torque M12 hardware to a maximum of 65ft/lbs.
- STEP 10.** Carefully remove sensors and sensor bezels from factory bumper. Install factory sensor bezels and sensors into Magnum bumper. Plug in sensor wiring harness.
- STEP 11.** Install lights into light pocket locations provided and wire them to the specified manufacture specs. Test and adjust lighting, then fully tighten mounting hardware.