

Heavy Duty Winch Front Bumper

2014-2021 Toyota Tundra with Winch mount

AL-FBM91TYN-RT

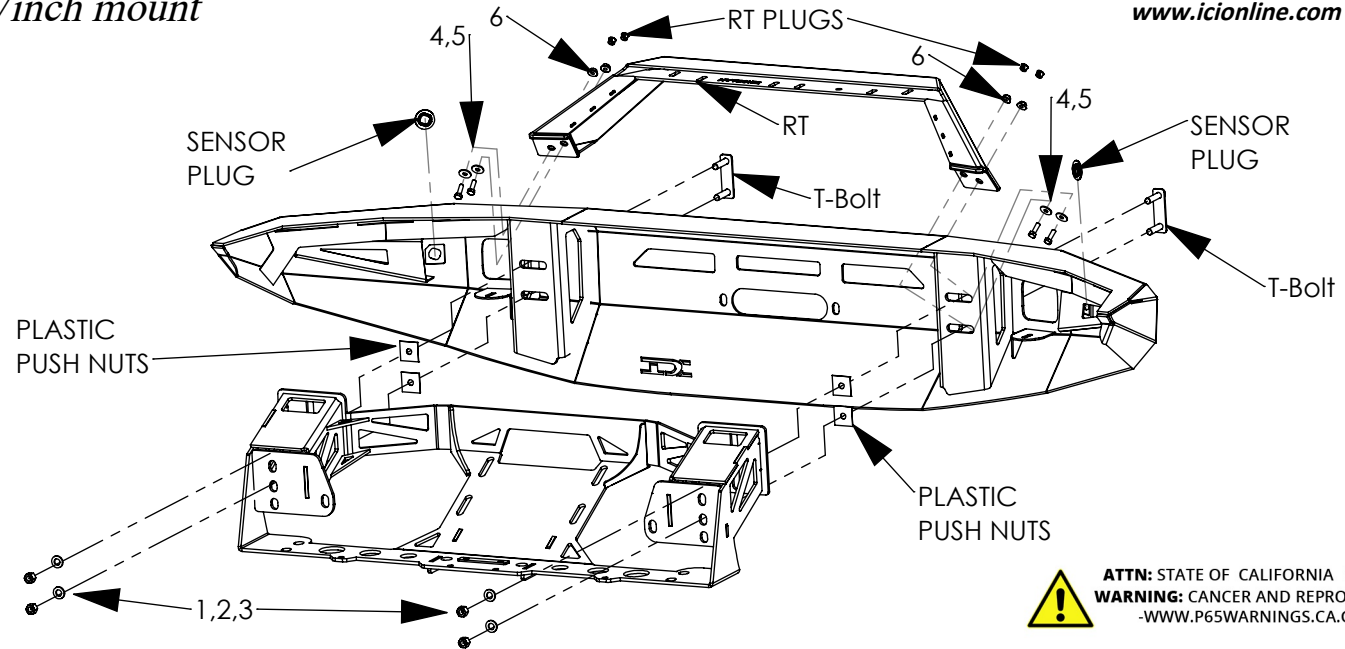
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Hardware Kit Includes:

- (1) M12 Hex Head Nuts grade-8 (4)
- (2) M12 Lock washer grade-8 (4)
- (3) M12 Flat washer grade-8 (4)
- (4) M8 Hex Head Bolts (4)
- (5) M8 Flat Washers (4)
- (6) M8 Flange Nuts (4)

Components List:

- 1 – Heavy Duty Bumper AL-FBM91TYN-RT
- 1 – Winch Carrier assembly (BP5264)
- 1 – Bolt-on RT Light Bar Mount
- 2 – M12 Double T-Bolts (BP5186x2)
- 2 – Rubber Sensor Plugs
- 4 – Plastic RT Hole Plugs
- 2 – M12 Plastic Push Nuts



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WARNING: CANCER AND REPRODUCTIVE HARM
-WWW.P65WARNINGS.CA.GOV

- STEP 1.** Before you begin, open all packaging, and inspect it for completeness. Read instructions completely and make sure you understand the installation.
- STEP 2.** Open the hood of the vehicle and disconnect negative battery terminal.
- STEP 3.** Begin by removing the factory grille assembly. Remove and save the four 10mm hex head bolts attaching the upper tabs to the core support. Lift up gently on the tabs and pull outward toward the front of the truck. Release the lower spring clips tabbed in near the bottom inner sides of the grille and remove the grille. Set aside for re-installation after removal of the factory bumper.
- STEP 4.** Next, unplug the fog lamp plug from the rear of the lamp assembly (if so equipped). Also remove the retaining clip attaching the wiring harness to the inside bumper support bracket. Unplug the parking sensors harnesses from the rear of the sensors (if so equipped).
- STEP 5.** Next unbolt the lower valance from underneath the front bumper. Remove the four hex head screws and two plastic push tabs to let the valance hang down freely.
- STEP 6.** Now remove the intermediate cross brace located behind the bumper and in front of the radiator. Remove the five hex head nuts and set aside to be reinstalled later.
- STEP 7.** Now remove the factory bumper by unbolting the eight 14mm hex head nuts (4 per side) attaching the bumper to the frame, save for reuse with the Alumilite Bumper. Once all bumper hardware has been removed slide the bumper off the studs in the frame away from the vehicle and set aside. Unbolt the factory tow hooks and set aside along with mounting hardware for re-installation later. Remove the factory parking sensors (if equipped) and plastic bezels and transfer them over into the Alumilite bumper in the cutouts provided.
- STEP 8.** Begin installation of the Alumilite Bumper by installing the winch carrier utilizing the eight factory 14mm hex head nuts removed in the previous step along with factory tow hooks and bolts. Align brackets making sure they are level, then snug the factory nuts down but do not fully tighten, re-install the factory tow hook reusing the OE bolts and fully tighten. Now fully tighten the six 14mm hex head nuts to the front of the frame. Once tight, install your winch (not provided) using winch manufactures hardware and wiring instructions. In some installs it may be necessary to remote mount the solenoid box away from the winch depending on winch type.
- STEP 9.** Attach the provided T-Bolts using the supplied plastic push nuts into the Alumilite bumper. If you would like to install the RT light mount, attach it to the top of the bumper with the provided M8 hardware. Now with help, carefully lift and align the bumper with the Winch carrier, attach using the supplied flat washers, lock washers, and hex head nuts. Carefully align the bumper from side to side and up and down. Once you are satisfied with the fit tighten all hardware.
- STEP 10.** If you are installing lights into your new bumper, do so now into the mounting tab locations provided in the bumper and wire to the manufacture's specifications. ICI recommends that you re-torque all mounting hardware after 50-100 miles of driving. Enjoy your new ALUMILITE WINCH BUMPER!