

FRONT BUMPER INSTALLATION INSTRUCTIONS

Please fully read all instructions before starting the installation process on your vehicle. Installation of your new bumper should take around 2-4 hours depending on skill level. If you are unsure of installation procedure, please do not start installation and use a qualified shop for the installation. Please follow the following steps to complete the installation of your new bumper-

1. Chock Vehicle Wheels and disconnect vehicle battery.
2. Remove the factory front bumper and Mounting Brackets. Save Bumper to Frame Mounting Hardware.
3. If you purchased a winch bumper- Mount your winch into the new bumper center section. The winch will bolt to the bumper using the 4 mounting holes located on the bottom of the bumper.
4. Most of our bumpers require relocation of the winch control box. The control box is typically mounted next to the winch inside the bumper, or if room is tight- inside the engine bay of the vehicle.
5. Install the winch fairlead to the front of the center section of the new bumper (Some Fairleads require drilling of the holes in the bumper to a larger size due to variance in winch manufacturers.
6. Prepare to assemble the new bumper for installation of the wings, lights, and winch control before installation to the vehicle.
7. Mount the outer wings of the bumper to the center section of the bumper using the 8 Provided 3/8 X 1" bolts, washers, and locking nuts. A washer will be placed on each side.
8. The wings are specific to each side, left and right- and will only bolt to the center one way, there is a small amount of adjustment in the holes on the wings for the bumpers, be sure that the face of the wing is parallel to the face of the main bumper center section, Tighten bolts. This alignment will help final adjustments of the bumper.
9. The Octane series bumper houses 2X 3" cube Lights in each outer wing, and the center section 2X 3" cube lights next to the winch fairlead. Or if you purchased a non-winch bumper, the center section of the bumper will house 8X 3" cube Lights, or a 30" Curved or Straight dual row light bar. If you plan to use the 30" light bar, please use the included light bar brackets to mount your light bar. Modification to these brackets may be necessary if you're using an "off brand" Light bar.
10. Please mount all lights you plan on using in the bumper at this time.
11. If your Factory bumper had parking sensors- install the parking sensors into your new bumper using the following steps below-
12. We recommend removing and installing each sensor one at a time, to keep the orientation and sensor placement the same. The parking sensors are removed from the factory bumper by spreading two small tabs on the back side of the sensor and pushing the sensor out of the housing towards the back of the factory bumper. If Needed- Trimming of the plastic sensor housings is easily done with a box cutter or small knife.
13. Please keep in mind, the new bumper is thicker than the original factory bumper- the sensor housing may need adjustment, trimming, or gluing to hold them into place.
14. Once the sensors and housings have been transferred over to the new bumper, you may use a small drop of superglue behind the front flange of the sensor housing to keep the sensor to sit flat against the bumper face. This is typical of all aftermarket bumpers with sensor housings. Sensor wiring may be zip tied into place after the bumper is mounted to the vehicle.

15. Make sure all wires are clear of the mounting locations of the bumper, as the bumper is now ready to be installed onto the vehicles frame.
16. Using at least 2 People or a hoist, Lift the bumper up to the frame horns for installation- Using the OEM or provided hardware- Mount the bumper loosely to the frame.
17. Using a Floor Jack or multiple people- Align each side of the bumper to the vehicle, leaving about a 3/8" Gap all around to allow for body flex to not contact the bumper. As the bumper is aligned, tighten all mounting bolts.
18. Each side may need slight adjustments to get both sides to match. Loosening bolts slightly one side at a time will help aid getting the bumper aligned easier.
19. Assure all mounting bolts to the frame are tight at this time.
20. Wire Lights and any accessories installed into bumper to your vehicle.
21. You may wire the factory fog light connections to 1 Pair of the 3" Pod lights, to be controlled by your fog light switch if desired. You must cut the end of the factory fog light connection and hard wire this connection to the new light pigtail connector. Use a 12V meter to test polarity. Do not connect more than 1 pair of lights to your factory electrical circuit.
22. Front License Plate maybe mounted into 2 small holes underneath the Chassis Unlimited Text on the bumper
23. Trim Plastic Fenders around the same angle as the bumper outer wing. Trimming can be done with a razor knife, scissors, or sheet metal snips.
24. Reconnect vehicle battery, test all features including lights and winch if equipped.
25. Installation Is Complete. Please Recheck all fasteners

If you have issues with your parking sensors alerting- chances are you have one upside down- You may need to adjust and swap sensors to get them to function correctly if they were moved from their original location

Your installation is now complete. Please enjoy your Chassis Unlimited Inc. Octane Series bumper!

Please Remember to send us installed photos to Sales@chassisunlimited.com or use the Hash Tags
#Chassisunlimited #Octanebumpers @chassis_unlimited on social media

IF YOU HAVE ANY QUESTIONS
REGUARDING INSTALL OR INSTALLTION ISSUES

PLEASE CALL US 888-552-5371 OPTION 2
MONDAY-FRIDAY 8AM-4PM PST

OR CHAT WITH US LIVE ON FACEBOOK