



5192 WEST MICHIGAN AVE.
SUITE B
KALAMAZOO, MI 49006
(269) 353 - 1184

Thank You for purchasing your JCR Offroad SWB Front Bumper.
Check out www.jcroffroad.com for more deals, and other off-road products.

Please read the mounting instructions below carefully.

Tools Required:

- Ratchet (1/2" or 3/8" depending on your Torx bit.)
- Penetrating oil for stubborn bolts
- Oxy/Acetylene setup or small map gas cylinder and head for REALLY Stubborn bolts.
- T55 Torx (can be purchased at most auto parts stores)

Installation of your JCR SWB Front Bumper

1. Liberally soak all of the bumpers bolts (four on top and 2 on bottom of bumper) with Penetrating Oil. Let sit for 10-15 minutes to ease bolt removal. (may not be needed on newer vehicles)
2. Remove 4 T55 Torx from the top of the bumper. If your vehicle is equipped with factory tow hooks remove these as well.
3. Remove the 2 T55 Torx from the bottom of the bumper.
4. If these bolts are seized, try and let a good penetrating oil sit over night on the bolts. If that doesn't work you may need to apply some heat to the bolt heads. The small propane torches won't get hot enough, but the small Map gas cylinders will (yellow bottle) be sure you have the correct tip for the Map gas.
5. Set the bumper on the front of the Jeep and check the holes for clearance. Remember, **all Jeeps are different** so the bumper may require slight adjustment (like filing the holes or other such tweaking) to line up correctly. Still others might line right up. **Either condition is a normal circumstance for any custom attachment.**
6. Replace all bolts and tighten. If you removed factory tow hook you may need shorter bolts, we recommend using 1/2" X 13 TPI (Grade 8)
7. Congratulations you are all done and you are ready to go.

