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THESE INSTRUCTIONS WILL BE IMPROVED ONCE WE VERIFY ALL FITMENT IS GOOD, REGARDING DIFFERENT YEAR AND MODEL TRUCKS

**PRE-ASSEMBLY...**

- 1) If installing a winch, you will need to cut out the Fairlead slot and drill the marked holes in the Lower Cradle, so you can mount a fairlead. Do that as the first step. Probably good to test fit your winch in the bolt pattern in the bumper also. Having the bumper powdercoated is always the best option too!
- 2) Most often the winch engagement lever will need to be clocked to the frontside of the winch, as to clear the core-support. Get a visual on how the winch bolts into the bumper, and this will make more sense.

**INSTALL....**

- 1) Remove OEM bumper and all frame brackets attached to it.
- 2) Winch Fit Crossmember instructions..... (Skip to Step 3 if not doing this).... The goal here is to cut out the center section of the OEM frame crossmember, and then weld in our crossmember perfectly center in between the frame rails. Measure our crossmember width, then mark the two cuts perfectly square around the factory crossmember. You will be trying to make a perfectly vertical and square cut through each side. A SawZall works well for the main cuts. It is suggested to cut inside your marks and grind both sides until the winch crossmember fits almost snug, so you don't have to fill a big gap with weld. To find the tack weld location, you will then need to bolt the winch plate, winch crossmember, and cradle all together and install onto the truck, so that you can tack the crossmember in place. Once installed onto truck, tighten the frame and swaybar bolts in step 3, and now with the winch crossmember is centered in the cut out, tack the crossmember into place in as many places as you can reach. Now remove the cradle and winch plate leaving the crossmember on the truck. Weld as much as you can possibly get to around all sides, inside and out. Whatever you can reach. Paint up the welded areas, and now you can install your winch and move on to step 3.
- 3) Main lower cradle install... Unbolt the swaybar from each side of the frame and swing it down a bit. You can leave it hooked up to the axle. Lift lower cradle into place, and insert the 6ea 1/2" x 2 1/2" black phosphate bolts thru the cradle frame sides and through the truck frame. Using the factory sway bar hardware, snug the sway bar mounts thru the cradle back into the factory location. Center everything up as good as you can, and now final tighten down the 6 Black Phosphate bolts first, then the 4 swaybar mounting bolts.
- 4) Assemble upper center and outer wings... On a soft surface, lay out the upper-center and wings and loosely assemble. Final tighten so the top surface through the 3 pieces is totally flat.
- 5) Upper install.... This is a good time to mount your lights in the wings and upper, but not always mandatory. Slip the wings and upper assembly over the outside of the cradle and insert hardware. Adjust the upper until the correct fitment is achieved. 1/2" gap between the bumper and grill/headlights is perfect, but try not to go too tight or chassis and body mount deflection will let the bumper contact the grill and headlights. Tighten all hardware.