

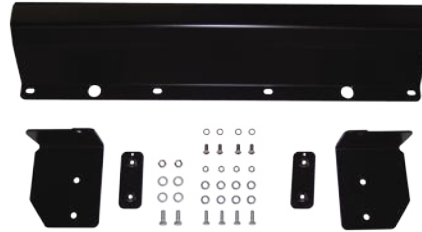
Kit Contents:

- 7/16" x1" Bolt (4)
- 7/16" Washers (12)
- 7/16" Nuts (8)
- 1/2" x1 Bolt (4)
- 1/2" Nuts (2)
- 1/2" Washers (6)
- 3/8" x 1 1/2" Bolt (4)
- 3/8" Washers (8)
- 3/8" Lock Washers (4)
- 3/8" x 1 Bolt (2)
- 3/8" Nuts (2)
- 1/4" x 3/4" Button Head Allen (4)
- 1/4" Washers (4)
- 1/4" Nuts (4)

JK47F



JK47F-SP1



JK47F-SP2



Install time 1.5 to 2 hours

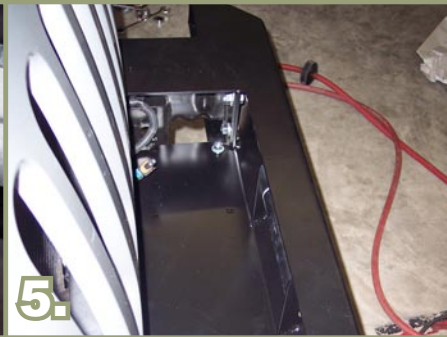
1. Remove factory front bumper & tow hooks.
2. If your JK is a Rubicon model & you plan to use the SP2 skid plate, cut off the factory "bash bar". (See photo 1 & 2)
3. Install Warn roller in bumper using provided snap rings.
4. If you have a Rubicon, this is the time to rotate the electronic sway bar disconnect. Remove the bolt holding the sway bar disconnect & rotate the assy up & out of the way. The plastic in front of the radiator will need to be trimmed, so mark it & cut with a sharp blade. (See photo 3) Once the unit is rotated, one of the housing bolts will need to be removed & replaced with the 10mm x 110 bolt we provide. Install the jamb nut (See photo 4) and bolt the unit in place.
5. Now it's time to install the main bumper assy. Use the 7/16" hardware to bolt the bumper in place. Check for clearance & make sure the bumper is leveled properly. Some models may need to have the front bumper mount bent for perfect fit.
6. Install the winch plate by attaching the front mounts to the main bumper assy using the 3/8" 16x1" bolts. Install the rear mounting tabs in the frame, then attach the bent brackets to secure the rear of the winch plate using the 1/2" x 1" bolts. (See photo 5 & 6)
7. Now's the time to install the winch! Bolt the winch into place via the manufacturers instructions.
8. Now install the skidplate, either the SP-1 or SP-2. The SP-2 plate will first need to be bolted to the front of the skidplate using the 3/8" x 1" bolts. The rear of the skidplate can be bolted up in the rear using the provided spacers and 10mm x 110 metric bolts. (See photo 7)
9. Now the last step!!! The side caps are easy to install. Insert the backing plate in the frame (See photo 8 & 9), and bolt up using the buttonhead bolts. The upper mount is secured with the 7/16" x 1 bolts.
10. You're done!! (See photo 10)

Thanks for buying a Kilby Enterprises product!



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Installation instructions for the JKSP-1 & JKSP-2



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