



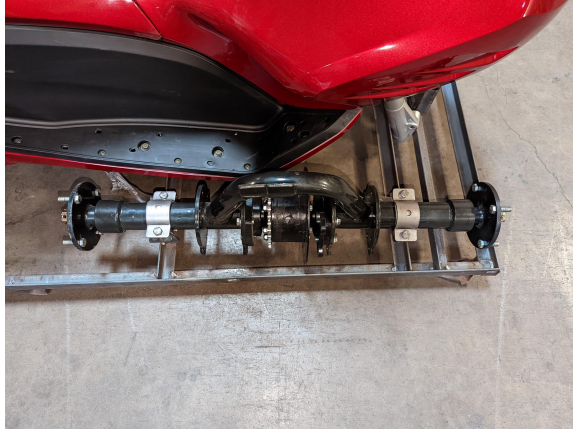
ICEBEAR TRIKE



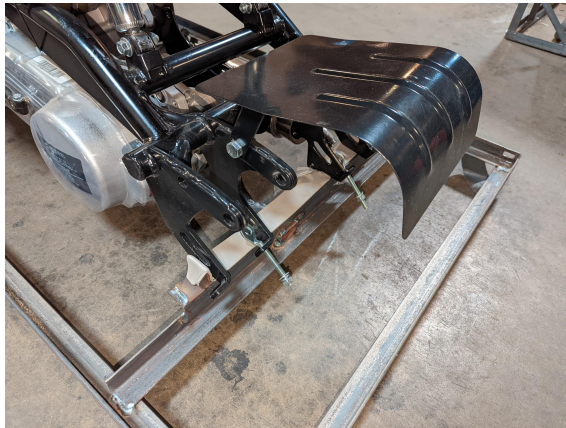
1

## REAR DIFFERENTIAL INSTRUCTIONS

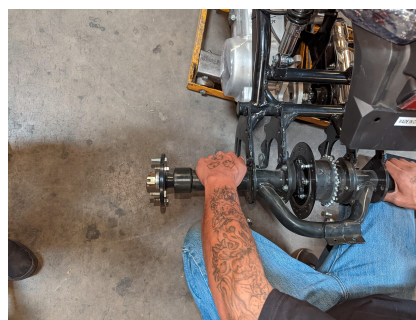
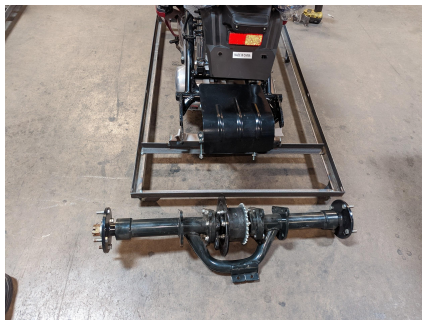
**Step one:** remove rear differential from crate



**Step two:** remove chain /sprocket cover (17mm head bolt on each side)



**Step three:** lift rear of trike up on a jack then prop rear differential up on a stand





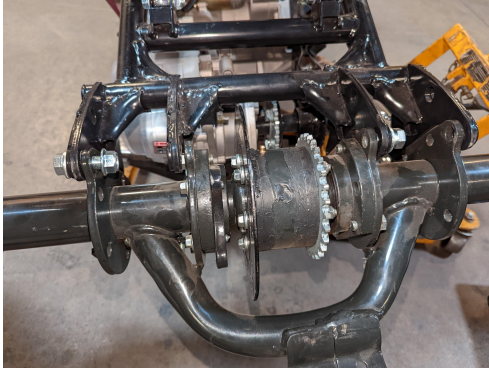
ICEBEAR TRIKE



2

## REAR DIFFERENTIAL INSTRUCTIONS

**Step four:** Line differential up and loosely insert top (4) bolts. (*short bolts go to the inside threaded ears on the swing arm, Long bolts with nuts go on the outside ears*)



**Step Five:** Chain installation, rock the differential downward, then wrap chain around front and rear sprocket. Try to get ends of chain to line up on the rear sprocket this will help alignment to insert the master link.

Insert master link from left side, slide the master link plate over the two protruding pins, snap the clip into place (ALWAYS face the opening of the clip away from the normal rotating direction of the chain)

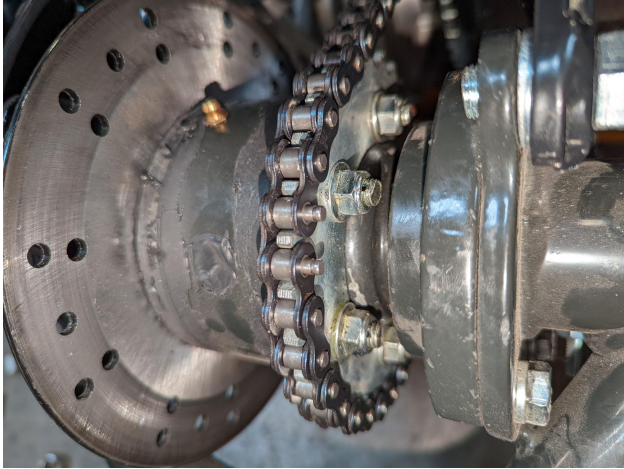


ICEBEAR TRIKE



3

## REAR DIFFERENTIAL INSTRUCTIONS



**Step six:** Loosely Install lower rear differential mounting bolts (4)

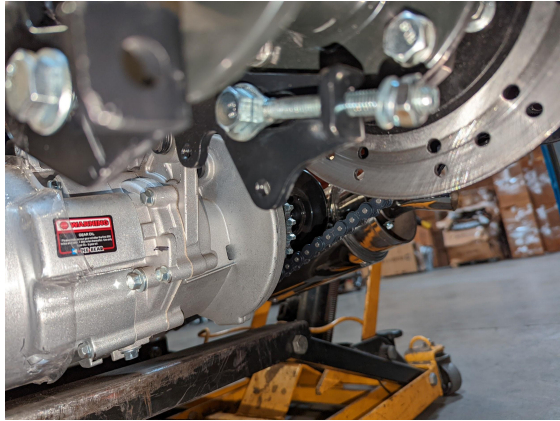


ICEBEAR TRIKE



4

## REAR DIFFERENTIAL INSTRUCTIONS



**Step seven:** Using chain tensioners pictured above ^ set chain tension and align chain with a straight edge. Chain slack should be set to  $\frac{3}{8}$ " or 9.5mm

**Step eight:** Once chain tension and alignment is set tighten all eight rear differential mounting bolts. Torque bolts to 60 ft lbs or 80 nm. Tighten in pattern from inside bolts to outside bolts.

**Step nine:** Install rear brake caliper, use blue locktite on mounting bolts, once caliper is installed reinstall chain/sprocket cover that was removed in step two, *(Make sure to route brake line and ziptie away from any rotating parts(brake rotor,sprocket, chain)*

