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C/E3689 – Pro Mid Plate Mount

Part list;

2...Mid Plate Mount Front	2... Mid Plate Mount Gussets
2...1/8" x 1/2" x 12" Flat Steel	4...1/2" x 3/8" Bushings
4...3/8" x 1-3/4" Bolts	4...3/8" Stover Lock Nuts
4...3/8" Jam Nuts	8...3/8" Flat Washers

1...Place the motor in the desired location. Make sure the chassis and motor are level from side to side.

2...Place the mid plate on the motor and bolt it in place to the block.

3...Take the tall mid plate mount front and drill a 3/8" hole in the bottom of the plate. Look at the tall mid plate mount gusset to make sure the hole location is ok. You may offset the hole from side to side if necessary.

4...Place the bushings over the holes and slide the 3/8" bolts in the holes and use the jam nuts to tighten. Weld the bushings in place. Clamp the front plate to the mid plate and drill a 3/8" hole through the mid plate, bottom hole only.

5...Take the tall mid plate mount gusset and the 1/8" x 1/2" flat steel and bend the flat steel around the gusset. Stitch weld the flat steel to the gusset. Make sure the flat steel is centered on the gusset. Trim off the excess flat steel.

6...Once you have both gussets welded, you need to place the front mount on rear of the mid plate and clamp it in place. Put 1 bolt through the bottom hole and tighten. Make sure the notch fits and touches the chassis. Now take the gusset and place it against the front mount, make sure this is centered. Tack the 2 pcs together in a few spots.

7...Remove the clamps and weld the front plate and gusset together.

8...Take the assembly and clamp it back on the mid plate and place a 3/8" bolt in the bottom hole and tighten. Make sure there is no gaps on the chassis. Tack the assembly to the chassis.

9...Recheck to make sure everything is still square and weld the mount in place.

10...Once the mounts are welded and still clamped to the mid plate drill the top hole 3/8" through the bushing.

11...Bolt the mid plate to the mounts using the 3/8" bolts, washers and stover nuts.