

GL1800 Engine Lift

Materials:

- Turnbuckle 3/8" x 8"
- Threaded rod 3/8-16 thread x 2 1/2" long
- Flat Aluminum stock 1/16" thk. (Cut two pieces 1 1/4" x 3 1/2")
- Two Nuts (1/2 thickness) 3/8-16 thread.
- Fiberglass Reinforced long strand body filler (Stronger for more support.)

Cut aluminum plate into two pieces 1 1/4" x 3 1/2" Drill a 3/8" dia in center.

Remove and discard the right hand threaded "T" bolt from the turnbuckle. (Normal Thread)

Remove the reverse threaded "T" bolt from the turnbuckle and place into the aluminum plate through the center hole. (Ref. *Fig. Eng Lift-01.bmp*)

Place in a vice and use a hammer to begin bending the aluminum plate. Finish bending by placing in vice .

Note: Bend until the loop on "T" bolt is below the ends of plate.

(Ref. *Fig. Eng Lift-02.bmp*)

Partially fill the inside of bend with fiberglass. Keep the "T" bolt square with the plate by placing on top of a vice as shown in *Fig.Eng Lift-03.bmp* Let it harden.

Note: Be sure to keep the top of the "T" bolt below the ends of the plate.

Assemble the second plate and threaded rod as shown in *Fig. Eng Lift-04.bmp*

Place in vice and use hammer to bend as shown.

Partially fill with stranded fiberglass as shown in *Fig. Eng Lift-05.bmp*

After partial fill is hard, finish filling and smooth with file and sandpaper then assemble to Turnbuckle.

Note: Use a finer Fiberglass Resin Jelly to achieve a smoother surface if desired.

Optional: Paint to match bike. Finished lift. *Fig's. Eng Lift-10.bmp & Fig.Eng Lift-11.bmp*



Fig. Eng Lift-01.bmp



Fig. Eng Lift-02.bmp



Fig. Eng Lift-03.bmp



Fig. Eng Lift-04.bmp

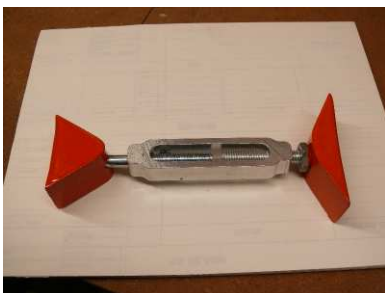


Fig. Eng Lift-10.bmp



Fig. Eng Lift-11.bmp



Fig. Eng Lift-05.bmp