

# Gigglepin pro series twin motor top housing fitting instructions



## Tools required



1. Hammer
2. 10mm spanner
3. ¼ ball headed Allen key
4. 2.5mm Allen key
5. Flat blade screw driver
6. 3.5mm drill bit
7. 8mm drill bit
8. Sealant
9. Thread lock [included]
10. 3/8 socket & ratchet
11. Scribe
12. Centre punch

## Kit contents

- Giggiepin Twin motor top housing
- 1x Nut & Bolt
- 1x Tube of thread lock
- 1x Breather connector
- 3m of 6mm breather tube

## Recommendation

It is recommended that before installing the twin motor upgrade that you install the [Giggiepin up rated mainshaft kit](#).

## Step-by Step

### Step 1



Using the ¼" Allen key, remove the 3 bolts that secure the upper motor housing & place to one side.

At this point, we would recommend carrying out any service work to the lower part of the winch and changing the oil.

We recommend 200ml of EP80/90.

## Step 2



Fit the breather elbow to the housing side cover.

## Step 3



Remove the bolts from the Giggiepin top housing. Take care and place them somewhere safe.

Taking care, ease the side plate from the top housing and place somewhere safe.

## Step 4



Without using sealant fit the new top housing to the winch taking care to make sure it locates correctly.

Fit and tighten the 3 standard fixings.

## Step 5



Using the scribe, mark the position of the new mounting on the lower housing, using the top housing as a guide.

## Step 6



With the centre punch spot, mark the centre of the scribe mark. Then make sure to protect the inside from swarf.

Drill through the mark made by the punch with the 3.5mm drill bit. Then enlarge the hole with the 8mm drill bit.

Clean away the swarf and tidy the edge of the new mounting hole.

## Step 7



Insert the 3 bolts onto the housing as shown.

## Step 8



Apply a bead of silicone type sealant to the mating and fit side plate to the winch top housing.

## Step 9



Before fitting the bolts take care that the special washers are fitted correctly with the raised inner facing the bolt head.

At this point the bolts may be evenly tightened taking care to draw the end plate evenly.

## Step 10



Apply a bead of silicone type sealant to the top housing and fit the winch taking care to ensure the correct location and meshing is achieved.

**Important note!** Apply the thread lock to each of the 4 square nuts and tighten fixings as required.

## Step 11



The motors can now be fitted. We recommend the use of a gasket or a small bead of silicone type sealant. We also suggest a smear of grease (Multipurpose) is applied to the shaft of the motor **before engaging to the top housing**.

Allow 24 hours for all sealants and thread locks to dry.

## Step 12



Your winch is now ready to be installed onto your vehicle.

Please ensure that the breather is routed to a high point on the vehicle where water and dirt ingress is unlikely.

We recommend that the oil is changed after 1st use and at regular intervals thereafter.

Due to the nature of the straight cut gear teeth you may find the winch noisy in operation, this is normal