

## Warn 8274 Twin Motor Top Housing

You will need the following tools:-

Hammer  
10mm Spanner  
¼ ball headed Allen key  
2.5mm Allen key  
Small flat blade screw driver  
3.5mm and 8mm drill bits  
Sealant  
Thread lock (supplied)  
3/8 socket and ratchet  
Scribe  
Centre Punch



The Gigglespin 4x4 Top Housing kit includes:-

1x Top Housing  
1x Nut and Bolt  
1x Thread lock  
1xBreather Connector  
3 Metres of 6mm breather hose

It is recommended that before installing this kit that you install the Gigglespin 4x4 Updated Main Shaft Kit.



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

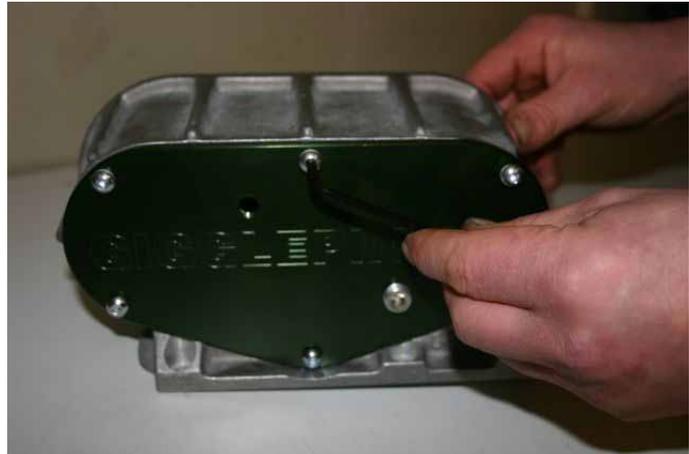
At this point, we would recommend carrying out any service work to the lower part of the winch and changing the oil. We recommend 0.2ltr of EP80/90.

Fit the breather elbow to the housing side cover.



Remove the bolts from the new top housing, taking care to place them somewhere safe.

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



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

Fit and tighten the 3 standard fixings.

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



With the centre punch spot mark the centre of the scribe mark. Then make sure to protect the inside of the housing 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.

Insert the 3 bolts in to the housing as shown.



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

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 on evenly.



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

**\*\*IMPORTANT\*\***

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

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

Please allow 24 hours for sealants and thread locks to dry.



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

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

We recommend that the oil is changed after 1<sup>st</sup> use and then at regular intervals.

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

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