



## Gigglepin Top Housing Bearing kit G21039 - Fitting Guide



### Tools Required:

- Hammer
- Punch
- Large Vice or Press

This kit replaces the original bearings found in the standard Warn 8274 top housing. It is suitable for use with early and late style housings (short and long centre gears) and is supplied with different bearings spacers. Please use both spacers with the later longer gear (50mm) and just the longer spacer with the short (43.5mm) gear.

## Step-by-Step Instructions:

### Step 1

Remove the Motor from the Top Housing, and remove Top Housing from Winch. At this point take note of the position of the gear in the Top Housing, for re-fitting.

### Step 2

Using a suitable drift, drift out the pin that holds the gear in place, and remove the gear from the Top Housing. **NOTE the shaft can only be removed in one direction.**

### Step 3

On late type longer gears use a centre punch to remove the wire C clip from inside the gear. This is best done by striking the punch on the centre of the clip, this will fold up the clip and it can be removed (If clip does not come out first time, repeat process until all parts are removed). Clean gear bore with a file and emery cloth as required.



LATE GEAR

EARLY GEAR



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#### **Step 4**

Using a drift (or the Gigglepin Top Housing Bearing Removal and Refitting Tool - G21029) and drift out the two bearing casings from the gear. These will not be re-used so it does not matter if they become damaged during removal.

#### **Step 5**

Now the bore is ready to accept the new bearings. Fit the first bearing, pushing in until flush with the end of the gear. Then turn the gear over and insert the correct sized spacers. Then fit the second bearing using the same process.

#### **Step 6**

Re-fit the gear into the Top Housing using the new shaft. If using a later type longer gear, take care to fit the new washer supplied. If you are fitting the earlier shorter gear, take care to fit the original spacer.



#### **Step 7**

Now screw in the M5 cap head to your dowel pin, with the schnorr washer and M5 washer, on the motor side of the housing.

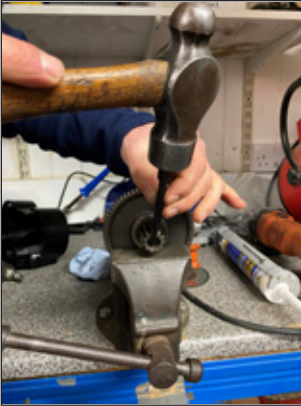
#### **Step 8**

Re-assemble the motor to the Top Housing, and re-fit the Top Housing to the winch.

**FOR FULL REFITTING OF THE BEARINGS, PLEASE MAKE SURE TO LUBRICATE THE BEARINGS FIRST USING WINCH OIL**

**If you have any problems with the above at any stage, please do not hesitate to contact us.**





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