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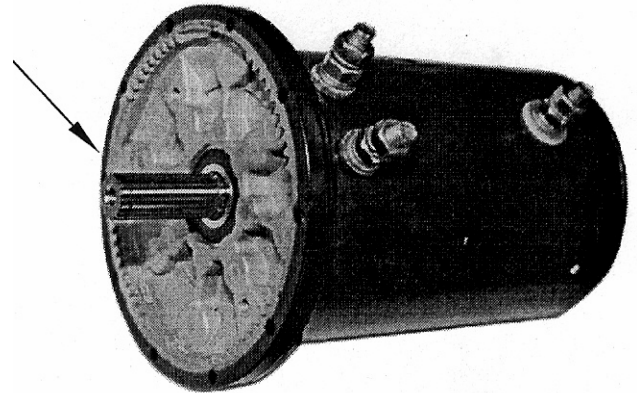
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Special instructions for installing WM12W1 and WM24W1 on Warn Winches

When replacing WM12W1 or WM24W1 on Warn series winches, first determine whether the old motor has a large mounting flange like pictured to the right. If it does, install the new motor as it comes out of the box with the collar and o-ring intact after removing the armature retaining plate.

Flange



If the old motor does not have the flange, there is a spacer under the bearing that must be removed. To do so, remove the armature retaining plate at the open end of the motor. Slide the bearing off of the shaft. It should take a small amount of effort to pull the bearing off the o-ring on the shaft.



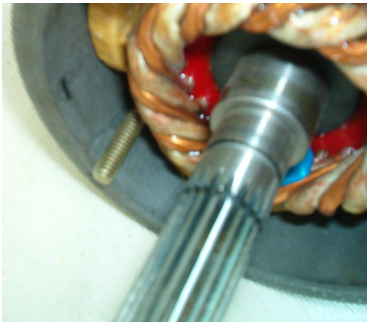
Remove the rubber o-ring and spacer from the shaft.

This is what you should have removed from the shaft.



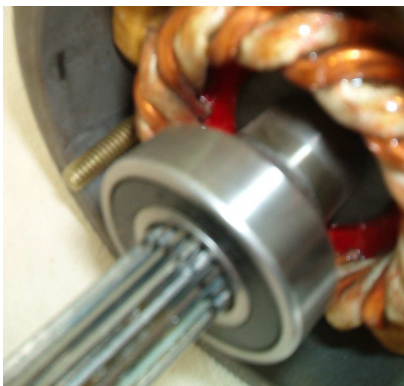
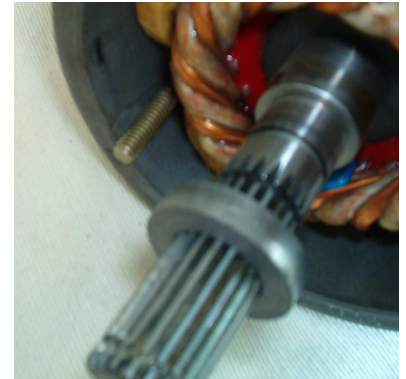
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This is what the shaft should look like after removing the collar and o-ring.

Re install the o-ring first and then slide the bearing back onto the shaft right up to the bearing stop. The o-ring goes on the groove closest to the bearing stop. Not in the one on the splines.



Once the bearing has reached the bearing stop, install it on the winch. It will now fit the winch correctly.

Now let's go play in the Mud!!