

# Manual for changing worm wheels in linier drive



Dismount 5pcs M6 allen screws.



Use flat screwdriver in slid to pull housing parts from each other.



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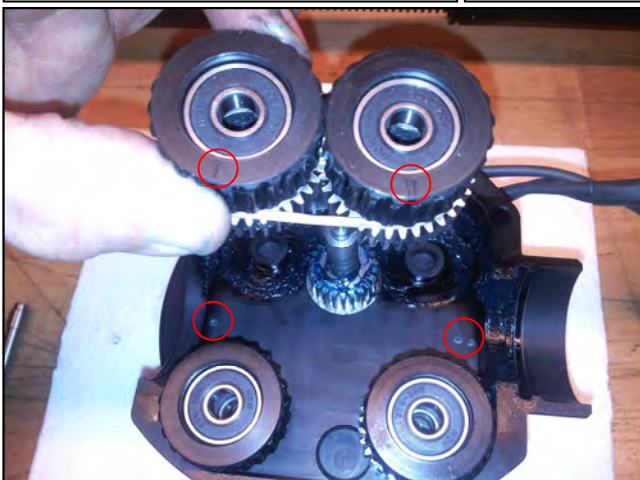
Pull out the shafts for the two back worm wheels.



Pull the worm shaft towards the back worm wheels, and up.

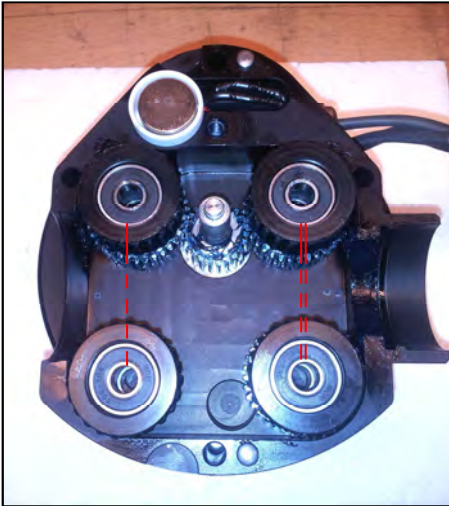


Pull out the shafts for the two front worm wheels.



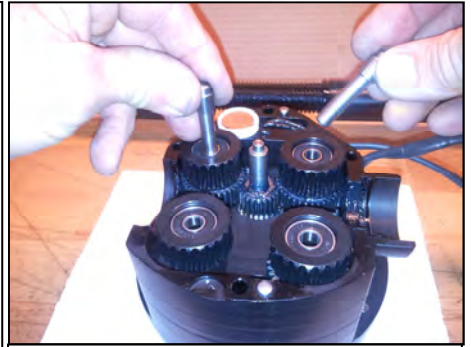
In both sides in the bottom of the housing, below where the worm shaft was mounted, you will find one punch mark in one side, and two punch marks in the other. On the two front worm wheels, which are paired with elastic, you will find one strait mark on one wheel, and two strait marks on the other wheel.

The worm wheel with one mark should be mounted on the side with one punch mark in the housing. The worm wheel with two marks should be mounted on the side with two punch marks in the housing.



When mounting the two front worm wheels, the straight marks on the wheels have to be parallel pointing towards the center of the two back work wheels. If this is not done like this, then the worm shaft cannot be mounted, and assembly will be impossible.

The two back work wheels are just put in the housing with no special features.



When all worm wheels are placed as described, mount the two front worm wheels with shafts.



Push the back worm wheels to mount the worm shaft.



Mount the two back worm wheels with shafts.



Mount bottom housing with 5pcs M6 allen screws, short one in middle.

When the drive unit is assembled, pull the arm of the drive all the way out to the end stop, then push it all the way in to the other end stop to reset the rudder feedback, and to make sure the drive runs smoothly with the new worm wheels.

You are now done changing the worm wheels in your Jefa DU-LD-12.

After mounting the drive unit, you should recalibrate your autopilot to make sure the autopilot know where the rudder feedback is.