

MNE03 Retrofit Install

The MNE02 is for noses prior to revision 3. Use MNE03N for V3 noses.

In the kit is the pulley with bearings, 2 gray rings, a gray bearing retainer and a black plastic drill fixture (photo 1).



Photo 1



Photo 2



Photo 3

- 1) Begin by removing the top cap, pulley and belt. The front of the housing should be empty (Photos 2 & 3).
- 2) Use the original top cap screws to install the black plastic drill fixture in the top of the nose housing (Photo 4).
- 3) Use a 1/8" drill bit to drill through the housing using the hole in the fixture as a guide (Photo 5).
- 4) Remove the drill fixture. There will be a rounded cutout in the housing where you drilled.
- 5) Install the smaller gray ring in the housing, aligning the tab with the cutout (Photo 6). The tab will prevent the ring from spinning inside the housing.
- 6) Install the original top cap leaving the screws slightly loose. There should be a gap between the cap and the housing (Photo 7).
- 7) Re-install the belt in the housing (Photo 8).
- 8) Place the large ring over the large bearing, with the flange toward the pulley (Photo 9).
- 9) Install the pulley in the housing, taking care to line up the top bearing. Make sure the gap in the large ring is lined up with the retainer screw hole. **Press it in by hand – do not use a hammer or press! This could damage the gray rings.** If you have trouble installing, the top bearing is not lined up with the top ring.
- 10) Install the bearing retainer in the large ring gap. It should be a snug fit, make sure it is pushed all the way in (Photo 10). **Do not use the screw to draw it in!**
- 11) Install the retainer screw. Do not over tighten, it can break the retainer!
- 12) Tighten the top screws.
- 13) Pull back on the belt and rotate until the belt drops into the pulley grooves. It may be necessary to pull up on the belt with a small pick while rotating (Photo 11).

If you need to remove the pulley later, do not pry on the retainer. The retainer must be removed with the pulley. Remove the retainer screw and top cap, then lightly tap the pulley out (Photo 12).



Photo 4

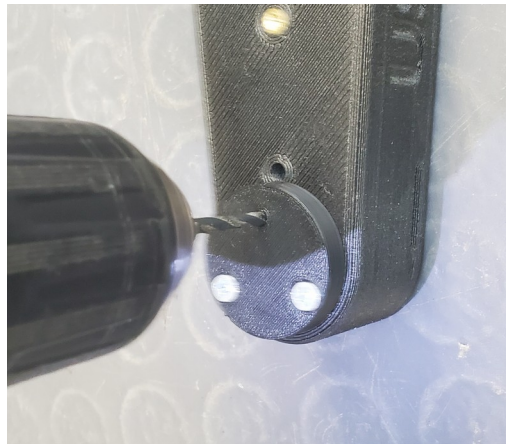


Photo 5



Photo 6



Photo 7



Photo 8



Photo 9



Photo 10



Photo 11

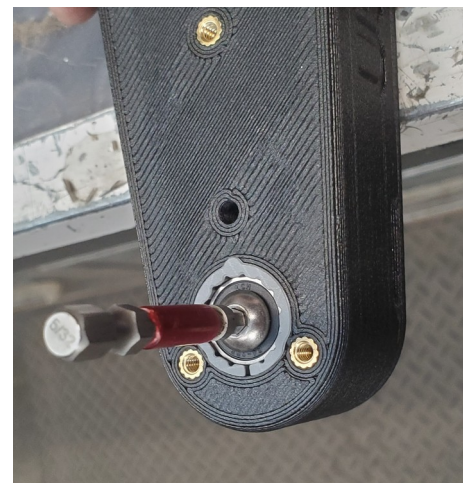


Photo 12