

# INSTALLATION INSTRUCTIONS

Part Number 175-200

Arctic Belt Adjuster

Tools required for installation:

1/2" boxed end wrench or ratchet and 1/2" socket

1. Remove drive belt
2. Remove retaining bolt holding secondary clutch to jackshaft using 1/2" tool. Then remove the secondary from the jackshaft. Save the washers and spacer slug for later use - DO NOT discard these parts.
3. Set the secondary on your work bench, then remove the 3 - 1/2" nyloc nuts, retaining cover on secondary. Pull the 2 halves apart and remove the shims used by the factory to set belt clearance.
4. Re-assemble the secondary without the shims and slide back onto the jackshaft. (HINT: put a small amount of anti seize grease on shaft to prevent rusting.) Then install the slug and the 5/16 washers you removed in step 2. Depending on the length of the aluminum slug, you may have to add or subtract from the amount of 5/16 washers used. Remember, slug first then washers!
5. Check your clutch alignment and ceter to center distance. When it is set correctly, install just the inner portion of the dial adjuster. At this point, you may have to subtract or install additional 5/16 washers to space it in or out to allow the outer portion to turn in or out which adjusts the belt width. Remember, your convertor will no longer float which means that correct alignment is very important.
6. When you removed the convertor from the jackshaft in step 2, there was a large washer against the steel stem of the convertor. This will no longer be needed. The 5/16 lock washer will sit under the bolt in counterbore of dial adjuster. Install the outer turn ring towards the middle of the threads, this will allow for spacing adjustments. If you cannot get adequate travel, you may have to add more 5/16 washers under the inner portion of the dial adjuster.
7. Note there is a small lock screw in the side of the dial adjuster. Once you have set belt clearance where you want it, tighten this screw and the job is completed.

**THANK YOU FOR CHOOSING HPE FOR YOUR SNOWMOBILING NEEDS**