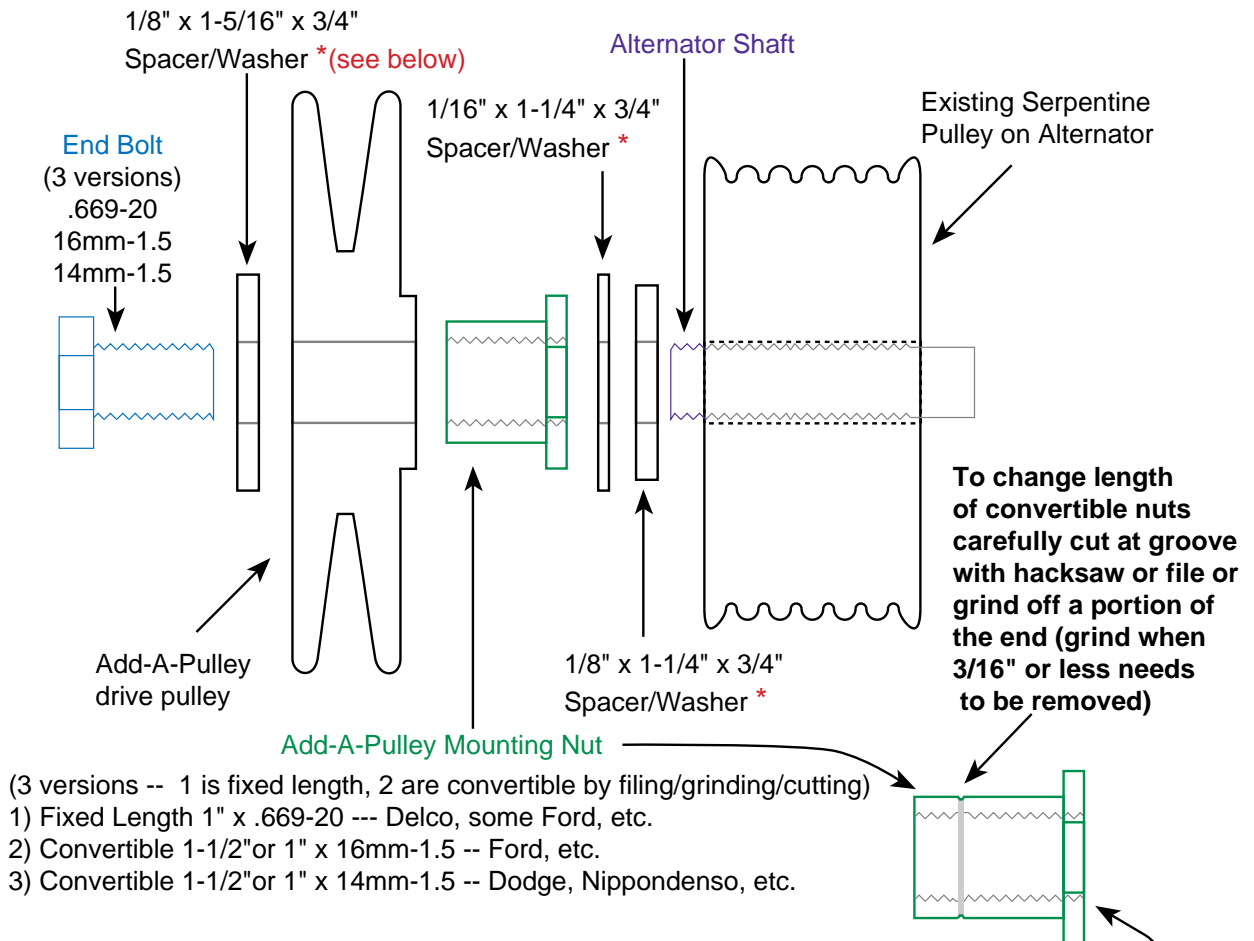


Using the ZENA Add-A-Pulley™ alternator power take off kit

(diagram shows a typical assy. after removal of existing alternator pulley end nut)



Typical Assembly Instructions/Notes:

(* not all installations use/need all spacers – spacers shown are for a typical Delco):

- 1) It is not necessary to remove tension from serpentine belt
- 2) Remove existing alternator pulley nut (use impact wrench for best results)
- 3) Slip 1/8" and/or a 1/16" Spacer/Washer onto alternator shaft (**IF NEEDED**) (spacers are used **only** in cases of End Bolt to Alternator Shaft interference)
- 5) Thread Add-A-Pulley Mounting Nut onto Alternator Shaft and tighten finger tight
- 6) Slip Add-A-Pulley pulley onto Mounting Nut (if Mounting Nut extends completely through Add-A-Pulley, file/cut/grind Mounting Nut along groove to shorten)
- 7) Slip 3/16" Spacer/Washer (1/8" for 14mm) onto End Bolt
- 8) Thread End Bolt into Add-A-Pulley Mounting Nut and tighten finger tight
- 9) Check for contact between End Bolt and Alternator Shaft (add/remove spacers)
- 10) With parts assembled without interference/contact, disassemble and reassemble tightening Mounting Nut and End Bolt securely

Note: thread locking chemicals may be used -- use stud locking type for contact area between Add-A-Pulley drive pulley and use removable type for all bolt and nut attachments)

Note: a properly sized/adjusted impact wrench may be used for this operation