

309 A.C. AND ALT.



Technical Information

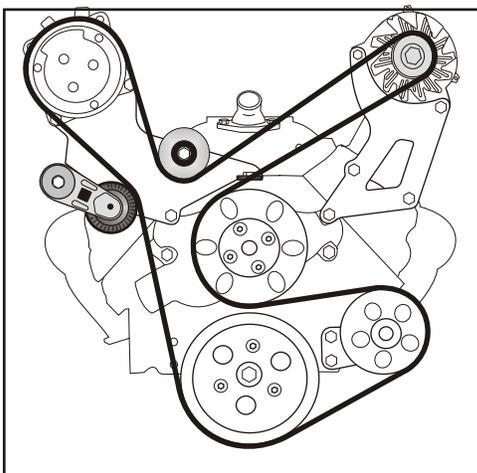
This bracket assembly is designed to be used on any small block Chevy engine 1969 and newer with accessory bolt holes in the heads, including all aluminum heads and the popular Vortec design heads. Components will clear up to 3 $\frac{3}{4}$ in. tall valve covers when used on 1986 and earlier heads and will clear up to 3 in. tall center bolt valve covers on 1987 and later heads. This system uses a reverse rotation **SHORT WATER PUMP** used on 1984-91 Corvettes: **G.M. part# 12522035**.

The compressor bracket uses a Sanden 508 aftermarket compressor with a seven rib flat drive pulley. The belt will run in the **REAR SIX GROOVES** of the compressor. The alternator bracket is designed for the G.M. CS130 alternator used on Chevrolet Caprice cars from the late 1980's to early 90's and on Chevrolet trucks from the late 1980's to 2000. The optional power steering pump bracket (419L) uses the G.M. (Saginaw) TC metric power steering pump also referred to as the Type II power steering pump. An **ORANGE** information sheet is provided with the 419L hardware kit.

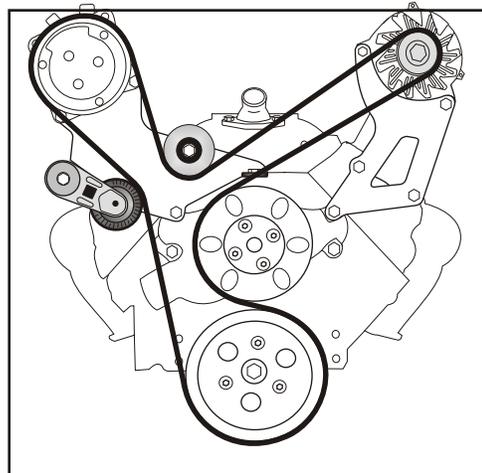
This serpentine system is designed to use aftermarket aluminum pulleys with a spring loaded belt tensioner. Complete matched pulley sets must be used to ensure proper belt length and tension. **Pulley set and belt length requirements are provided on the reverse side of this information page.**

Belt Routings

With Power Steering



Without Power Steering



Pulley Sets - Belt Length Requirements

Alan Grove Components Southern Rods & Parts

Phone: 800-787-8763

Water Pump Crankshaft Power Master Alternator Part# 114		
Manufacturer	Part#	Length
AC DELCO	6K878	88 $\frac{3}{8}$ "
GATES	K060878	88 $\frac{3}{8}$ "
NAPA	060878	88 $\frac{3}{8}$ "

Alan Grove Components Southern Rods & Parts

Phone: 800-787-8763

Water Pump Crankshaft Power Master Alternator Part# 114 Power Steering		
Manufacturer	Part#	Length
AC DELCO	6K988	99 $\frac{1}{2}$ "
GATES	K060988	99 $\frac{1}{2}$ "
NAPA	060988	99 $\frac{1}{2}$ "

Disclaimer:

Appropriate belt lengths for our bracket assembly have been determined using Ours or Southern Rods & Parts aftermarket pulleys. Due to the variations in other aftermarket pulley diameters, the belt lengths will vary. There may or may not be an appropriate belt length to accommodate other aftermarket pulleys with this bracket design.