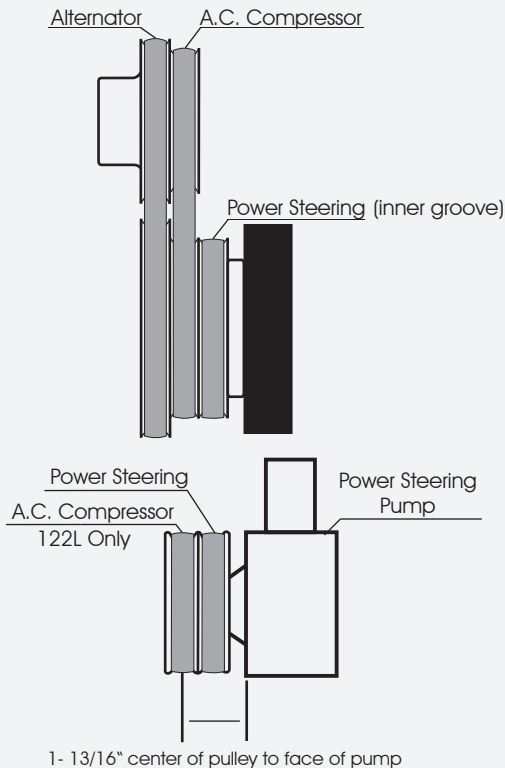


BIG BLOCK CHEVY Long Water Pump

CASE 1 BELT ALIGNMENT



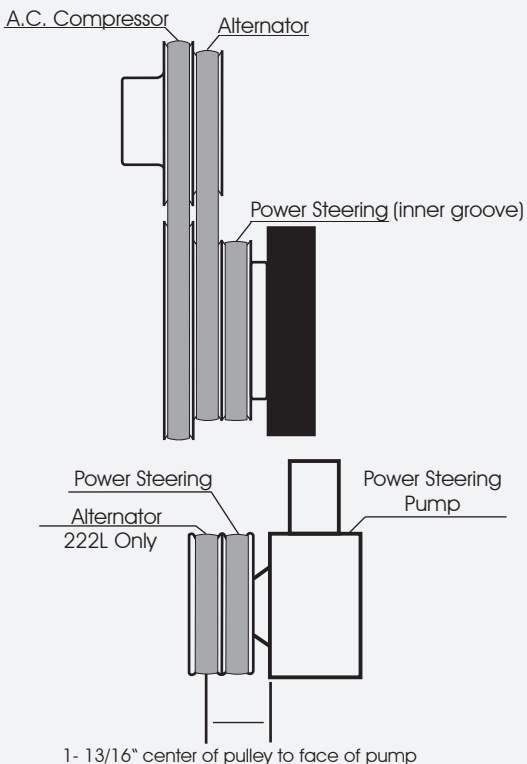
STANDARD FACTORY APPLICATIONS

Using corresponding long water pump crankshaft and water pump pulleys, the most common pulley arrangement for long water pump is to run a two groove water pump pulley, a three groove crank shaft pulley, and a two groove (V-8) power steering pump pulley. This pulley arrangement will be used in all Alan Grove long water pump bracket applications, **however;** in CASE 2 applications, the alternator and A.C. belts will be swapped due to belt clearance. **PLEASE READ THE FOLLOWING INFORMATION.**

If using Alan Grove Bracket Part Number: 116L, 122L, 217L or 225R; these brackets will follow **CASE 1** - belt alignment diagram. (directly to the left of this paragraph) This arrangement is how 1980 and up factory long water pump applications were routed. In this case, Alan Grove Brackets 116L and 122L can be used with all factory alternator mounts, as they were mounted on the passenger side. The power steering belt on these applications will run in the inner groove of a two groove power steering pump pulley.

If using Part Numbers: 122L or using a 1980 and up factory compressor mount with factory compressor, the A.C. compressor belt will touch in the outer groove of a two groove power steering pump pulley. Factory steel pulleys are available from Chevrolet or from us.

CASE 2 BELT ALIGNMENT



ALL OTHER APPLICATIONS

If using Alan Grove Bracket Sets - Part Numbers:

116R 216L
122R 222L

These brackets will follow **CASE 2** - belt alignment diagram. (directly to the left of this paragraph) In this case, the alternator and A.C. compressor belts will be swapped due to needed belt clearance for radiator hose. Although alternator and A.C. belts are swapped, the power steering pump belt will always run in the inner grooves of the crank and power steering pump pulley. If using Alan Grove alternator brackets - Part Numbers: 222L with power steering pump bracket 407L, the alternator belt will touch in the outer groove of a two groove power steering pump pulley. Factory steel pulleys are available from Chevrolet or from us.

NOTE: All Alan Grove Brackets are designed for the AFTER MARKET SANDEN compressor. While these compressors are equipped with two groove clutch pulleys, only the OUTER GROOVE will be used. (except for 122L)