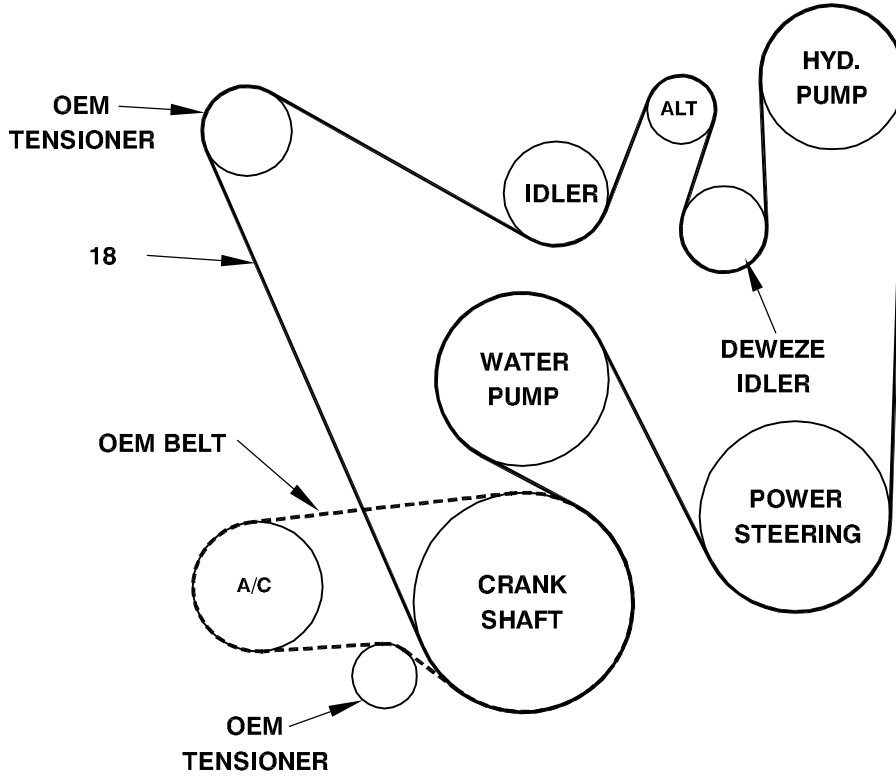


FIG. 3

BELT DIAGRAM



DewEze

Clutch Pump Kit
#700492
Chevy 6.0L
With 160A alt.
and A/C
'A' mount
2001 +

INSTALLATION INSTRUCTIONS

1. The installation of this kit requires trained decision-making concerning clearances, tying components together, rerouting, or relocating OEM components, etc. It is impossible to describe all of the clearance and vibration points, etc. in the installation instructions. Therefore, the technician must exercise professional judgment to achieve the best quality installation.
2. Disconnect the battery.
3. Unbolt the alternator. Rotate it clockwise so the alternator lug that was on the driver's side of the mounting bracket is now on the passenger side of the mounting bracket. See Fig. 2. Thread the OEM bolt (10) that was originally in that hole back into the same location to mount the alternator. Do not tighten it yet.
4. Some engines have a coil pack bracket that interferes with the positive alternator post. Remove a portion of this bracket if there is contact at this location, while maintaining structural integrity of bracket. See photograph to right.
5. Attach the pump plate (3) to the engine bracket (1) with three 3/8 x 1 1/4 socket head bolts (6).
6. Bolt pump (4) onto pump plate (3) with two 3/8 x 1 1/4 bolts (11) and two 3/8 flat washers (12). Torque to 20 ft-lb. Attach coil (5a) with four 1/4 x 1/2 flange bolts supplied with clutch. Torque these to 6 ft-lb. Attach clutch pulley (5b) to pump shaft with 5/16NF x 1 1/4 bolt and heavy washer supplied with clutch. Torque to 14 ft-lb.
7. Insert the lower bracket between the lugs on the alternator bracket at location B with the OEM bolt (9) taken from this location. Insert the M10 x 70 bolt (8) into the top hole in the alternator and thread into the DewEze bracket at location A. Tighten these bolts and the OEM bolt at location C.
8. Remove OEM bolts at locations D and E and discard. Insert the idler bushing (16) into the back of the idler pulley (17). Insert the M10 x 40 bolt (7) through the 3/8 flat washer (12), through the front of the idler pulley with bushing and into the top threaded hole at location F in the idler bracket (15). Attach the idler bracket to the alternator bracket with the M10 x 120 bolt (13) at location D and the M10 x 130 bolt (14) at location E.
9. Install the belt (18).
10. Connect the battery.
11. Run the engine and check for any clearance or alignment problems. Adjust as needed.

