





**FIG. 2**

(A), (B), (C) ... Denotes bolt holes in engine to locate corresponding holes in Pump Brkt.

# DewEze

## Clutch Pump Kit

#700450  
Chevy 6.6L  
Express Van  
'A' mount  
2006-

## INSTALLATION INSTRUCTIONS

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1. Disconnect the battery.
2. Remove the OEM belt.
3. Bolt the pump plate (5) to the engine bracket (1) with three 3/8 x 1 1/4 socket head bolts (13). Torque to 20 ft-lb.
4. Thread the adapters into the pump. Attach the pump to the pump plate with two 3/8 x 1 1/4 bolts (14) and two 3/8 flat washers (15). Torque to 20 ft-lb. Use the mounting holes as shown so the pump is oriented vertically.
5. Place the pump bracket assembly in the A/C bracket at Location E. Thread the M10 x 80 bolt (3) through the bracket to just hold it in place.
6. Remove the two OEM bolts (12) from the A/C compressor at Locations A and B. Attach the gusset (2) to the A/C compressor with the two OEM bolts back in their original locations at A and B. Attach the gusset to the engine bracket with the two 3/8 x 3/4 flange bolts (11) at Locations C and D. Tighten all bracket bolts.
7. Attach coil (8a) with four 1/4 x 1/2 flange bolts supplied with clutch. Torque these to 6 ft-lb. Attach clutch pulley (8b) to pump shaft with 5/16NF x 1 1/4 bolt and heavy washer supplied with clutch. Torque to 14 ft-lb.
8. Push one idler bushing (4) into the back (the side without the snap ring) of the cast idler pulley (6). Insert an M10 x 50 bolt (10) through a 3/8 flat washer (15), through the idler pulley and bushing and into the hole on the air conditioner bracket at location F.
9. Push the other idler bushing (4) into the back of the machined idler pulley (9). Insert an M10 x 50 bolt (10) through a 3/8 flat washer (15), through the idler pulley and bushing and into the hole on the alternator bracket at location G.
10. Install the belt (16) as shown in the belt diagram (Fig. 1).
11. Connect the battery.
12. Run the engine and check for any clearance or alignment problems. Adjust as needed.