

Chevy, 6.6L:D, 2006+, Express Van, A/C, AA Pump, Rear Port

Bolt Packages:

Bracket	711580	(Inc. items 3, 11, 13)
Idler pulley	711748	(Inc. items 4, 10, 15)
Pulley	None	
Tensioner	None	

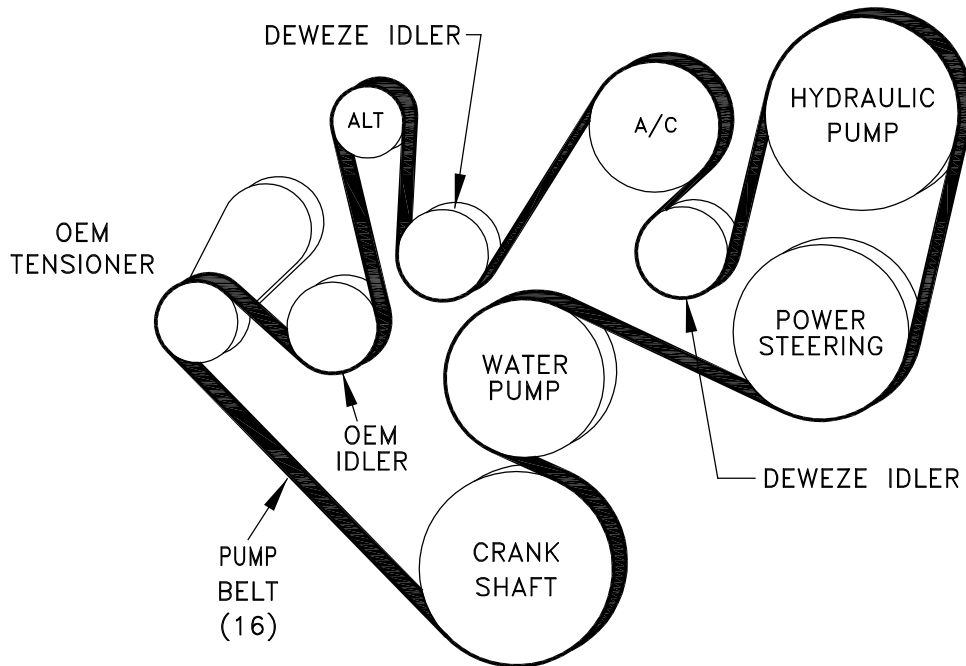
Bracket Assy.	None
Issue Date	12-8-05
Revision Date	NC 12-8-05

Item	Part No.	Description
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1.	711291	Engine bracket	9.	740242	Idler pulley
2.	711578	Gusset	10.	110210	M10 x 50 x 1.5 Bolt
3.	110567	M10 x 80 x 1.5 bolt	11.	110437	3/8-16 x 3/4 Wiz flange bolt
4.	711009	Idler bushing	12.	OEM	A/C compressor bolt
5.	710936	Pump plate	13.	110465	3/8-16 x 1 1/4 Socket head bolt
6.	740151	Idler pulley	14.	110425	3/8-16 x 1 1/4 Bolt
7.	*	Pump / Rear port	15.	110676	3/8 Flat washer
8.	740162	Clutch	16.	740359	Belt/Poly Cog 20-1605 (142")
			17.	110271	3/8 Lock washer, .55 O.D. x .13 thick

FIG. 1

BELT DIAGRAM



DewEze

Clutch Pump Kit

#700453
Chevy 6.6L
Express Van
'AA' mount
2006-

INSTALLATION INSTRUCTIONS

1. Disconnect the battery.
2. Remove the OEM belt.
3. Place the engine bracket (1) in the A/C bracket at Location E. Thread the M10 x 80 bolt (3) through the bracket to just hold it in place.
4. 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.
5. Hold pump (7) onto back of mounting plate (5) and clutch hub (8i) onto front of mounting plate, making sure clutch wire and anti-rotation pin (F) on front of hub is on the top. Use the mounting holes as shown so the pump is oriented vertically. Place two 3/8 x 1 1/4 socket head bolts (14) with 3/8 high collar lock washers (17) through pump, through mounting plate and thread into hub.
6. Slide coil (8a) over hub, aligning hole in the back plate of coil with the anti-rotation pin (H) in the hub. The wires from the coil should be on the same side as the pin (H). Install large snap ring (8b) to hold coil in place.
NOTE: THE BEVEL ON BOTH SNAP RINGS MUST FACE AWAY FROM THE PUMP. REFER TO INSTRUCTION SHEET FOR THE CLUTCH FOR CORRECT INSTALLATION OF SNAP RINGS.
7. Slide clutch pulley (8c) onto hub. Install small snap ring (8d) to hold pulley in place.
8. Place the key (7) onto the pump shaft. Slide the hub/armature (8f) onto the pump shaft aligning the keyways.
NOTE: SET THE AIR GAP BETWEEN THE HUB/ARMATURE AND THE PULLEY USING SHIMS (8e) ACCORDING TO INSTRUCTION SHEET FOR CLUTCH.
9. Thread bolt (8g) and lock washer (8h) into pump shaft. Torque to value in clutch instruction sheet.
10. Thread the adapters into the pump. 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.
11. 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.
12. 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.
13. Install the belt (16) as shown in the belt diagram (Fig. 1).
14. Connect the battery.
15. Run the engine and check for any clearance or alignment problems. Adjust as needed.