

Chevrolet/GMC, 6.6L : D, 2011-2016, A Pump, Rear Port

Bolt Packages:

Bracket	711396	(Inc. item 3, 9)
Idler	716095	(Inc. item 10, 15)
Crank pulley	None	
Tensioner	None	

Bracket Assy.	None
Issue Date	8-18-10
Revision Date	C 1-12-17

Item Part No. Description

1.	710099	Pump mount bracket	9.	110217	M10 x 70 x 1.5 Bolt
2.	-----	-----	10.	110494	3/8-16 x 3 1/4 Bolt
3.	110188	M10 x 80 x 1.5 Socket head bolt	11.	110435	3/8-16 x 1 1/2 Bolt
4.	-----	-----	12.	110672	3/8 Lock washer
5.	716081	Pump plate	13.	-----	-----
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.	742016	Clutch	16.	740359	Belt, Poly Cog 20-1605, 142"

FIG. 1
BELT DIAGRAM

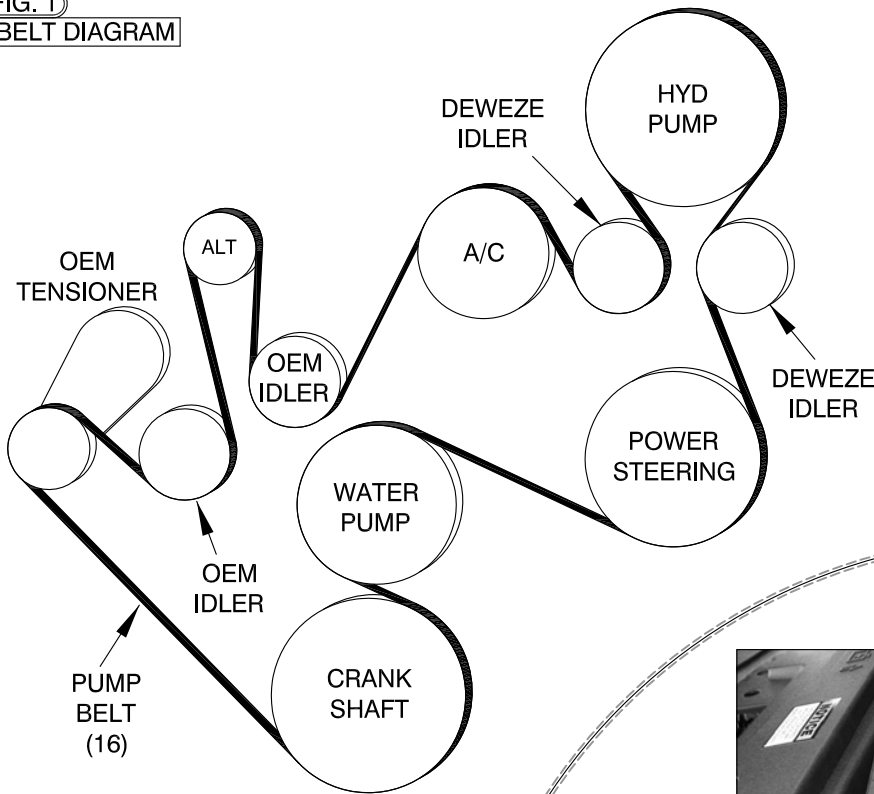
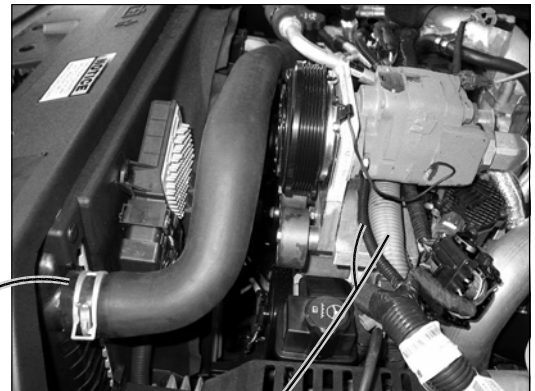


FIG. 3



CUT 1" OFF RADIATOR HOSE. REMOVE OEM CLAMP AND REUSE IT.

MOVE WIRING HARNESS UNDER PUMP

DewEZE Clutch Pump Kit 700518

Chevrolet/GMC 6.6L, 2011-2016, A Pump

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. Remove the OEM belt.
4. Bolt the pump plate (5) to the pump mount bracket (1) with the 3/8 x 2 bolt (11) in the center hole. Mount the two idlers (6) on the bosses of the pump plate with the 3/8 x 3 1/4 bolts (10) and 3/8 flat washers (15).
5. Press bushing at Location C (secondary alternator mounting location) forward to allow clearance for pump mount bracket (1).
6. Insert the two M10 x 70 bolts (9) through the holes in the notched end of the base plate (1) and into the air conditioner mounting bracket at locations A and B. Thread the M10 x 80 socket head bolt (3) into the hole at Location C and through the bottom lug of the pump bracket. Tighten item 3 (M10 x 80mm socket head bolt) first to insure that bracket is aligned properly (25 ft-lbs). Tighten (9) bolts next and torque to 25 ft-lb.
7. Bolt pump (7) onto pump plate (5) with two 3/8 x 1 1/4 bolts (14) and two 3/8 flat washers (15). Torque to 20 ft-lb. Hold the wiring harnesses under the pump as shown in Fig. 3. 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. Install the belt (16) as shown in the belt diagram (Fig. 1).
9. The clearance between the upper radiator hose and the pump clutch needs to be increased. Pull the lower radiator hose from the radiator to drain the coolant. Replace that hose. Cut 1" off the radiator end of the upper radiator hose. Remove the OEM hose clamp from the cutoff and use it to clamp the hose back on the radiator. Refill the coolant.
10. Connect the battery.
11. Run the engine and check for any clearance or alignment problems. Adjust as needed.