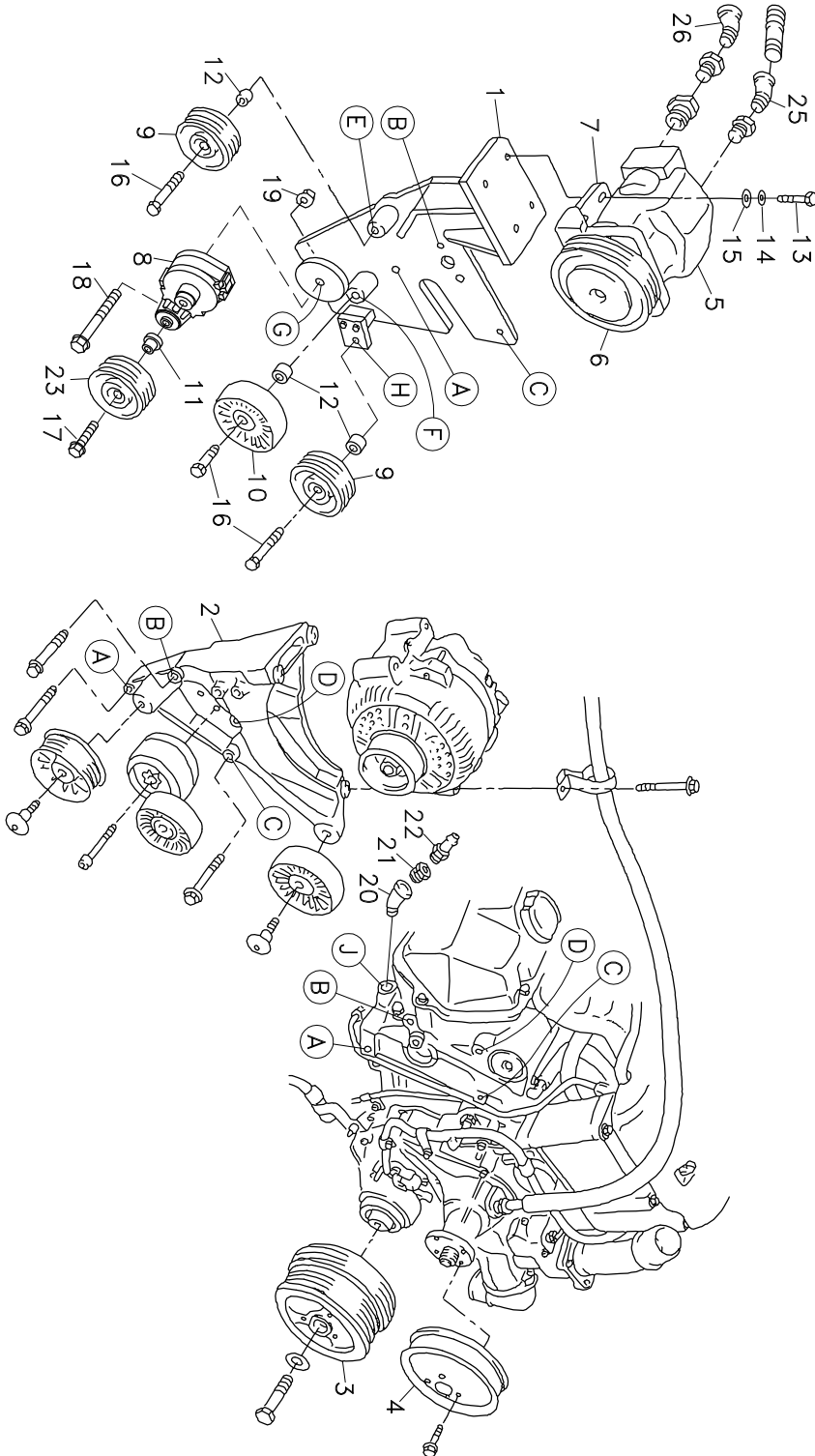


DewEze CLUTCH PUMP KIT

710059	Bracket Assy. (Inc. item 1)		Kit No.	700076
710895	Bracket Bolt Pkg. (Inc. items 13-15)		Make	Ford
None	Pulley Bolt Pkg.		Engine	7.3L Dir. Inj.
710896	Idler Bolt Pkg. (Inc. items 12,16)		Fuel	Diesel
710897	Idler Bolt Pkg. on Tensioner (Inc. items 11,17-19)		Year	1994
None	Fan Spacer Bolt Pkg.		Options	Turbo
			Revised	I 11-2-04

ITEM	PART #	DESCRIPTION			
1.	710059	Engine bracket			
2.	700111	Alternator bracket			
3.	740149	Crankshaft pulley			
4.	700109	Water pump pulley			
5.	*	Pump			
6.	740148	Clutch/serpentine			
7.	711216	Foot mount			
8.	740273	Tensioner arm			
9.	740157	Idler pulley/serp. .625 I.D.			
10.	740151	Idler pulley/flat			
11.	740151	Bushing, flange			
12.	710900	Bushing, straight			
13.	110425	3/8NC x 1 1/4 Bolt			
14.	110672	3/8 Lock washer			
15.	110676	3/8 Flat washer			
16.	710910	5/8NC x 2 1/4 Bolt shored head			
17.	110242	7/16NC x 2 1/4 LH Bolt			
18.	110241	1/2NC x 4 Flang head bolt			
19.	110588	1/2NC Wiz nut			
20.	120075	1/2 Street ell 45°			
21.	220115	1/2 x 3/8 Bushing			
22.	OEM	Hose barb			
23.	740158	Idler pulley/serp. .50 I.D.			
24.	740150	Serpentine belt			
25.	720123	1" Street ell 45°.....5.79 GPM			
	120076	1 1/4" Street ell 45°.....12.17 GPM			
	120077	3/8" Street ell 45°.....5.7 GPM			
	-----	See Item 20.....9 GPM			
	720104	3/4" Street ell 45°.....12.17 GPM			



* See Master List for Pump Part No.

(A) Denotes bolt holes in engine to locate corresponding holes in Pump Brkt. Bolts without an item No. are Ford OEM bolts that are reused in their original location.

DeWEEZE CLUTCH PUMP KIT

700076

BELT INSTALLATION
FIG. 2

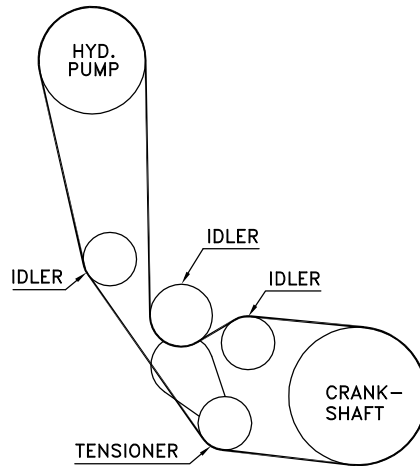
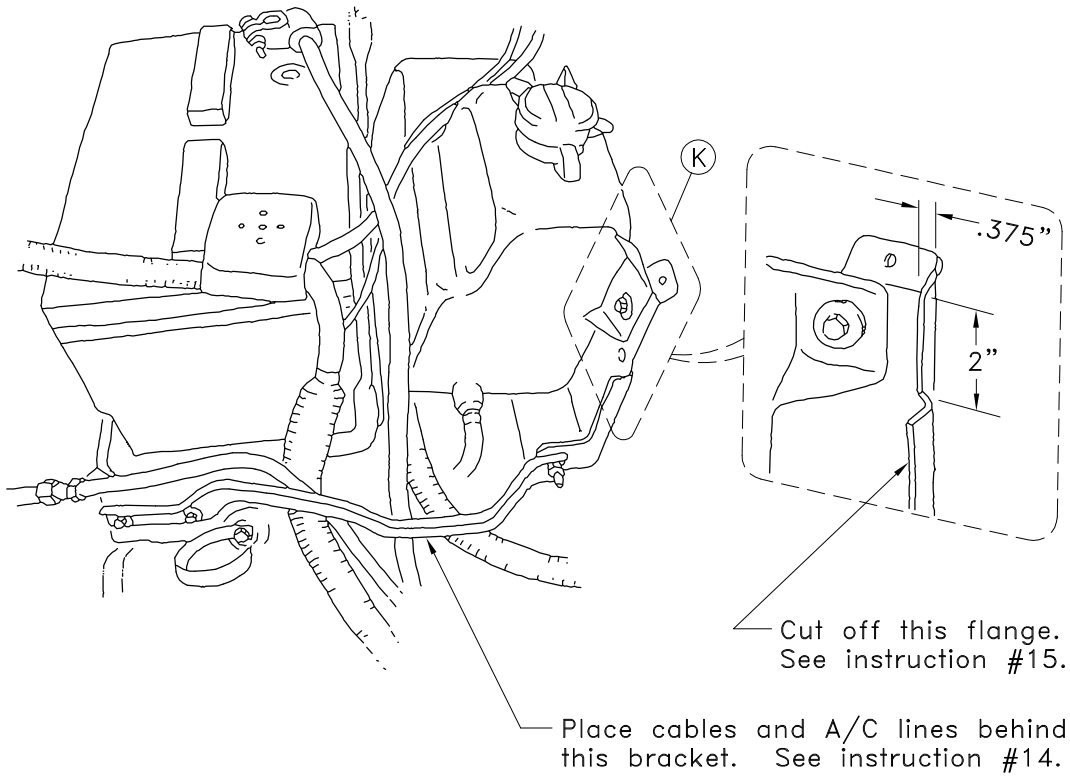


FIG. 3



Ford 7.3L Diesel 1994 Clutch Pump Kit #700076

INSTALLATION INSTRUCTIONS

NOTE: Suction hose to pump must be a wire braid hose; minimum 1" I.D. for 7 & 9 GPM pumps, 1" I.D. for 12 & 17 GPM pumps. Installations with smaller suction hoses will void the pump warranty.

1. Remove fan and fan shroud.
2. Remove 3 bolts holding alternator on bracket. Move alternator back out of the way.
3. Take off alternator mounting bracket by removing 4 bolts at locations A, B, C, and D.
4. Remove heater hose from OEM fitting in engine block at location J. Cut 7" from this end of hose. Remove OEM hose barb and fitting in block. Install 45ø street ell (20), bushing (21), and OEM hose barb. Replace hose using OEM hose clamp.
5. Hold DewEze pump bracket (1) in place, put DewEze alternator bracket (2) on top of that and secure with OEM bolts.
6. Replace alternator and hose holder onto bracket using OEM bolts.
7. Remove center bolt and flat washer from damper. Use gear puller to remove damper from crankshaft. Replace with DewEze crankshaft pulley (3). Put silicone on the OEM flat washer on the side toward the pulley and replace it and the OEM bolt. The timing mark indicator needs to be bent out away from the pulley for clearance.
NOTE: TORQUE CENTER BOLT OF DAMPER TO 220 FT/LBS.
8. Unscrew 4 bolts from water pump pulley and remove pulley, replace with DewEze pulley (4) using the OEM bolts.
9. Insert 7/16 x 2 1/4 bolt (17) through 1/2" I.D. serpentine idler pulley (23) and through the flanged idler bushing (11), thread bolt into tensioner arm (8). Position arm on bracket at location G with arm pointing down at about the 6:30 position using 1/2 x 4 bolt (18) and 1/2" w/z flange nut (19) on back side of bracket (1).
10. Make two idler assemblies by inserting 5/8 x 2 1/4 bolt (16) through serpentine idler pulley (9) with 5/8" I.D. and through .563" long straight idler bushing (12). Mount one idler at Location E and the other at location H.
11. Insert 5/8 x 2 1/4 bolt (16) through flat idler (10) and through .563" long straight idler bushing (12). Thread bolt into bracket at location F.
12. Assemble pump (5) onto foot mount (7) and clutch (6) onto pump. Attach pump assembly onto top plate of pump mounting

bracket with four 3/8 x 1 1/4 bolts (13) and lock (14) and flat (15) washers.

13. Install the serpentine belt (24). Refer to Fig. 2 for belt wrap diagram.
14. Refer to Fig.3. Remove bracket that goes from battery mounting tray to radiator coolant bottle by unscrewing two bolts and one nut. Reattach bracket and place positive and negative battery cables, air conditioning line, and cable to alternator beneath bracket. This holds the line and cables away from idler pulleys.
15. If radiator coolant bottle mounting bracket is not notched as shown at location K in Fig. 3, the outer flange needs to be cut off 2" from top to give clearance for the pump mounting bracket.
16. Run the engine and check for clearance, alignment, and vibration problems. Adjust as needed.
17. Replace fan and fan shroud.