

Kit **Ram 6.4L: G, 2014-2018, PH14, A Pump, Side Port**

DESCRIP.

BOLT PACKAGE	Pump Bracket*	716198 (Inc. item 6, 7)
	Idler*	716199 (Inc. item 8)
	Belt Diagram Decal*	702147



ISSUE
 SEPTEMBER
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 8 9 10 11 12 13 14
 15 16 17 18 19 20 21
 22 23 24 25 26 27 28
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12/10/2013

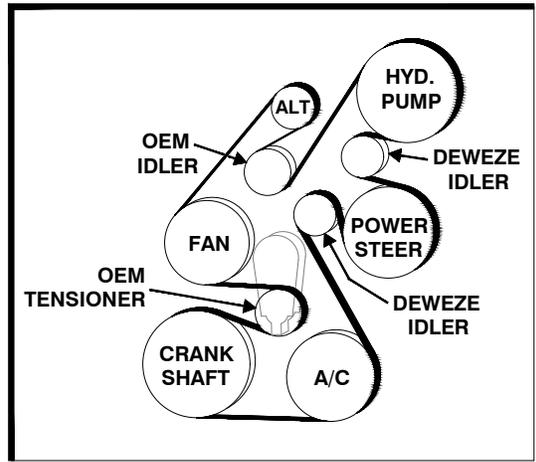
REVISION DATE A 1/10/2020

BILL of MATERIAL

ITEM	PART NO.	DESCRIPTION
1.	716196	Pump plate
2.	740242	Idler
3.	*	Pump
4.	742016	Clutch
5.	OEM	Power steering pump
6.	112085	M8 x 1.25 x 80 Flange bolt
7.	112086	M8 x 1.25 x 120 Flange bolt
8.	112072	M10 x 1.5 x 40 Flange bolt
9.	110440	3/8-16 x 1 Flange bolt
10.	OEM	Power steering pump bolts
11.	742113	Belt, Micro-V K061203

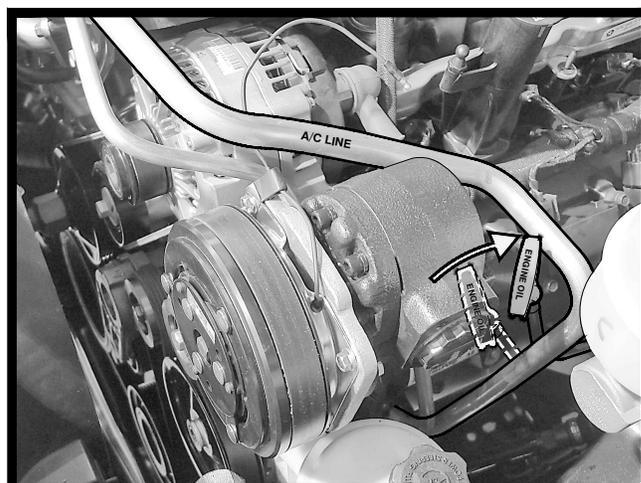
* Pump part number determined when kit is ordered.

DEWEZE FIG. 1 BELT DIAGRAM



700567

DEWEZE FIG. 4



GENTLY BEND DIPSTICK TUBE BACK TOWARD A/C LINE

700568

DEWEZE

READ THROUGH THE INSTRUCTIONS BEFORE STARTING THE INSTALLATION TO FAMILIARIZE YOURSELF WITH THE PROCEDURE.



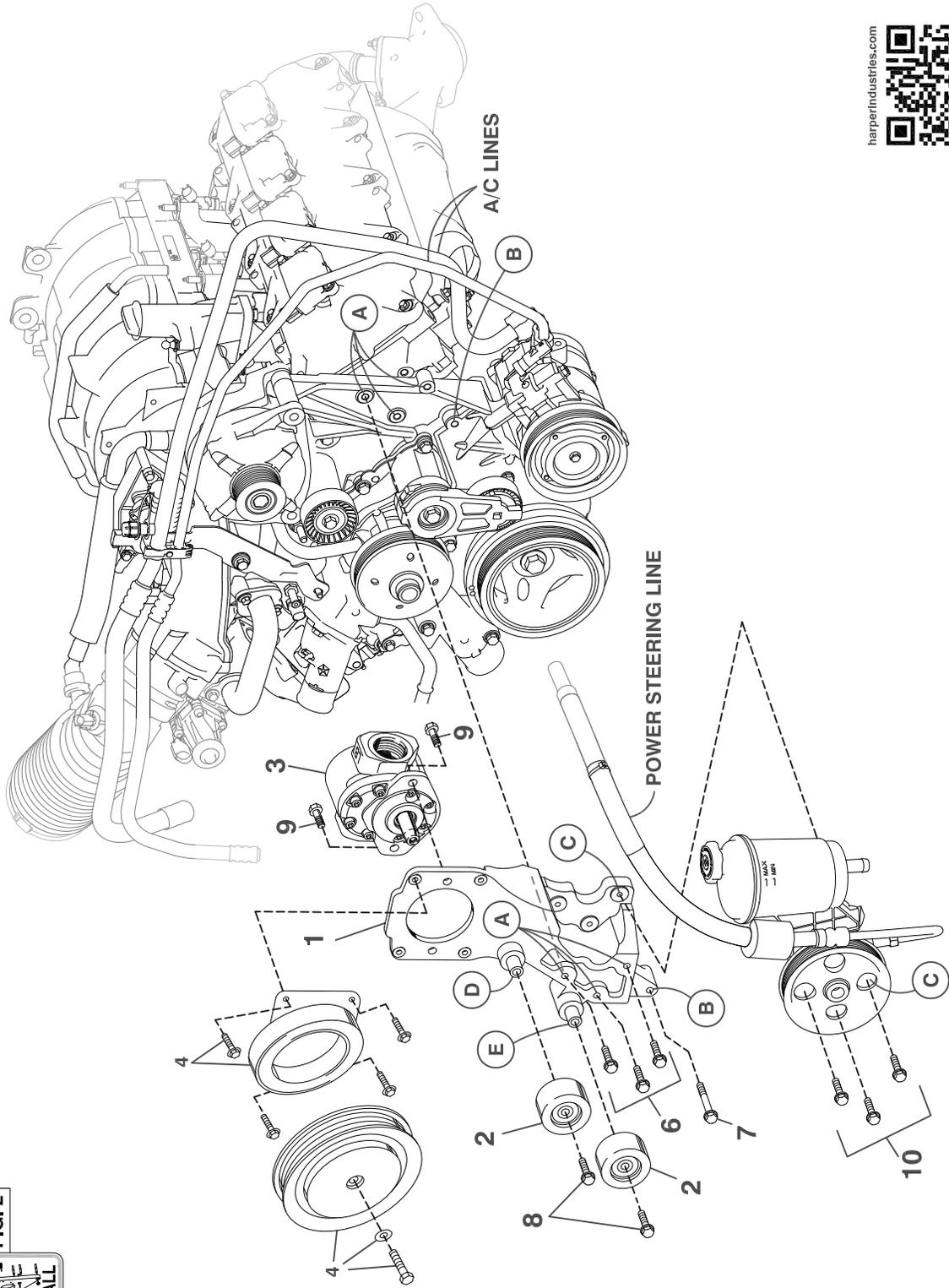
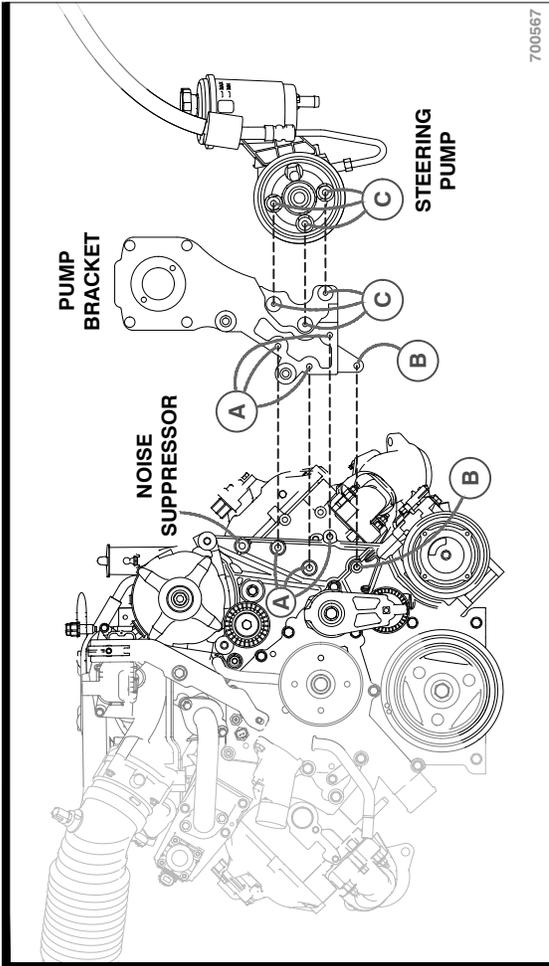


FIG. 2
BRACKET
INSTALL



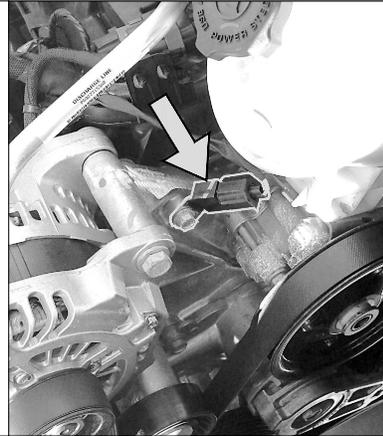
FIG. 3



MOUNTING LOCATION: PUMP BRACKET, STEERING PUMP

FIG. 5 BEND ELECTRICAL NOISE SUPPRESSOR OUT OF THE WAY.

1. ORIGINAL CONFIGURATION



2. BEND MOUNTING TAB 90°



3. ROTATE SUPPRESSOR COUNTERCLOCKWISE



DewEze Clutch Pump Kit 700568

RAM 6.4L Gas, 2014+, PH14, A Pump

INSTALLATION INSTRUCTIONS

- 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.*
- Disconnect battery. Remove engine belt.
- Remove three bolts (10) at Location A that attach power steering pump to front engine cover by accessing bolts through holes in steering pump pulley. Save the bolts as they will be reused. Move pump/reservoir assembly to the side towards the fender temporarily. Remove bolt in front engine cover directly below the power steering pump at Location B. This bolt will not be reused.
- Slightly loosen the bolt mounting the electrical noise suppressor located below the alternator (Fig. 5). Bend the mounting tab to 90°. Rotate the suppressor counterclockwise as far as it will go and tighten the bolt.
- Install DewEze pump bracket (1) using three supplied M8 x 80 flange bolts (6) in the same location the power steering pump was bolted (Location A) and one M8 X 120 flange bolt (7) in lower bracket hole (Location B).
- Reinstall power steering pump onto the DewEze bracket at Location C using three OEM bolts (10) that were removed earlier.
- Install two idlers (2) onto pump bracket as shown using two M10 X 40 bolts (8).
- Hold the pump in place on the bracket before bolting it in to check the following: The metal A/C lines in the pump area will need to be carefully bent away from the pump body and fittings for clearance. The oil dipstick tube may need to be gently bent to the rear toward the A/C line to clear the pump (See Fig. 4). The power steering line that attaches to the bottom of the power steering pump may need to be loosened to rotate or bend as needed for clearance to the clutch and belt. Retighten line. Install hydraulic pump (3) onto pump bracket using two 3/8 x 1 flange bolts (9). Mount the clutch coil (4) to the pump bracket with four 1/4 x 1/2 flange bolts. Mount the clutch pulley (4) to the pump shaft with the 5/16 x 1 1/4 bolt and heavy flat washer making sure the key is in place on the shaft.
- Install belt (11) supplied with kit per routing diagram. Recheck all clearances. Reconnect battery.
- If your truck has a plastic engine cover, it may need to be notched to clear the bracket and pump assembly.
- Start engine, test functions, inspect installation for any problems.