

PREVOST

Instruction Sheet

IS-96162A

POWER STEERING PUMP INSTALLATION (PREVOST P/N 661009)

REVISION : A

Component list corrected

MATERIAL

Kit #161035 (XL-40 and XL-45 vehicles 2PCM33402V1026064 to V-6172 incl. and H3-41, H3-45 and VIP-45 vehicles from 2PCH33498V1011715 to 2PCH33491V1011796 incl.) includes the following parts:

Part No.	Description	Qty
5011147	Adaptor	1
5011148	Elbow 90°	1
5011167	Elbow 45°	1
510488	Gasket	1
661009	Power steering pump	1
IS-96162A	Instruction Sheet	1
FI-96162A	Feuille d'instructions	1

Kit #161034 (for all other XL-40, XL-45, H3-41, H3-45 and VIP-45 vehicles.) includes the following parts:

Part No.	Description	Qty
5011147	Adaptor	1
5011148	Elbow 90°	1
5011150	Elbow 45°	1
510488	Gasket	1
661009	Power steering pump	1
IS-96162A	Instruction Sheet	1
FI-96162A	Feuille d'instructions	1

Use this instruction sheet when replacing power steering pump Prevost # 661006 (power steering) with pump Prevost # 661009. To install the power steering pump (Prevost # 661009), the power steering cylinder must be permanently removed from the vehicle. Use of power steering pump # 661009 on a vehicle with a power steering cylinder is not approved. For instructions on how to remove the power steering cylinder, refer to service bulletin 96-20. Kit # 161035 or kit # 161034 is required for installation since hoses cannot be connected to the new pump without adapters.

PROCEDURE

⚠ WARNING ⚠

Park vehicle safely, apply parking brake, stop engine and set battery master switch(es) to the OFF position prior to working on the vehicle.

1. Locate hydraulic pump (power steering pump) in engine compartment (Fig. 1).
2. Remove hydraulic pump as per section 14 of maintenance manual.

⚠ CAUTION ⚠

Inspect the drive coupling thoroughly and replace it if necessary (the drive coupling is the fiber component located between the engine and the pump).

3. Remove gasket and thoroughly clean surfaces.
4. Install new gasket (Prevost #510488) and hydraulic pump.

⚠ CAUTION ⚠

Make sure that drive coupling is correctly positioned before installing the pump.

5. Apply a removable threadlocker (Prevost #680038, Loctite 242) over threads of bolts and torque bolts to 32-40 lb•ft (43-54 N•m).
6. Connect inlet and outlet hoses to pump, make sure to use the new adapters which are supplied with the kit.
7. Bleed air from the hydraulic system as per section 14 of maintenance manual.

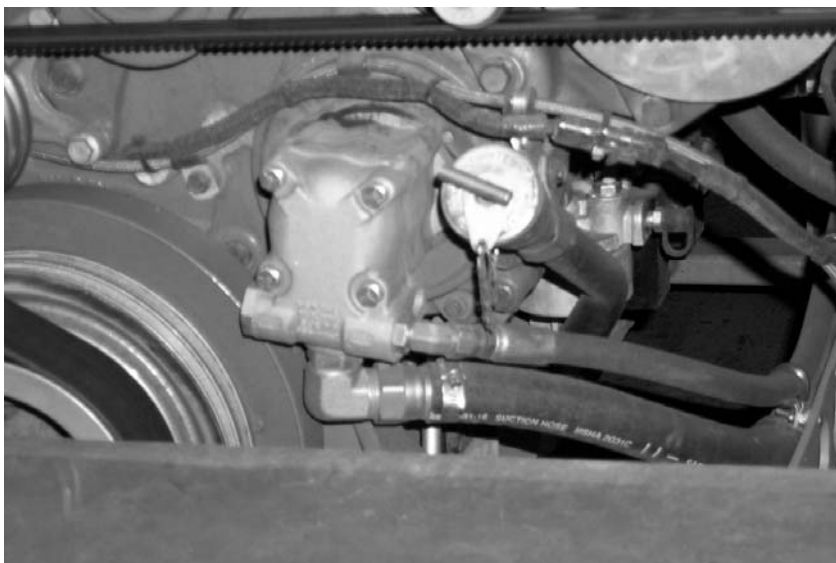


FIGURE 1: POWER STEERING PUMP LOCATION