

PREVOST

**WARRANTY
BULLETIN**

Wb97-31



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| DATE: January 1998 | SECTION: 01 |
| SUBJECT: OIL PRESSURE SENSOR RELOCATION | |

APPLICATION:

| Model | VIN |
|---|---|
| H3-41, H3-45 and VIP Model Year: 1996 - 1998 | <p>From 2PCH3349XT1011584 up to 2PCH33493W1012189 incl. Note: Oil pressure sensor relocation may have been performed at factory on some vehicles whose serial number is comprised between 2PCH33494V1012068 and 2PCH33493W1012189 incl. PLEASE VERIFY BEFORE ORDERING PARTS.</p> |

DESCRIPTION

On the above-mentioned vehicles equipped with series 60 engine, oil pressure sensor must be relocated due to engine vibrations which may cause damage to sensor.

MATERIAL

Kit #011935 includes the following parts:

| Part No. | Description | Qty |
|----------|-----------------------------|-----|
| 011934 | Sensor assembly | 1 |
| 140658 | Tube, Flexible (1456 mm lg) | 1 |
| 501037 | Elbow 90° ¼ NPT x #4SM | 1 |
| 064625 | Extension wire | 1 |
| 504601 | Clamp | 2 |
| 561577 | Connector | 1 |
| 561786 | Seal | 1 |
| 561578 | Terminal, Female | 1 |
| 502631 | Bolt (M6 x 20) | 2 |
| 502564 | Washer, Lock (M6) | 2 |
| 500609 | Nut, Hex. (M6) | 2 |
| 504012 | Tie, Cable | 3 |

Note: Material can be obtained through regular channels.

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. Open engine compartment R. H. side door and main power compartment door. From engine compartment, drill two holes into the wall separating the two compartments using sensor as a template. Drill approximately 2 inches from L. H. side and 18 inches from top making sure not to damage anything in the main power compartment (refer to fig. 1).

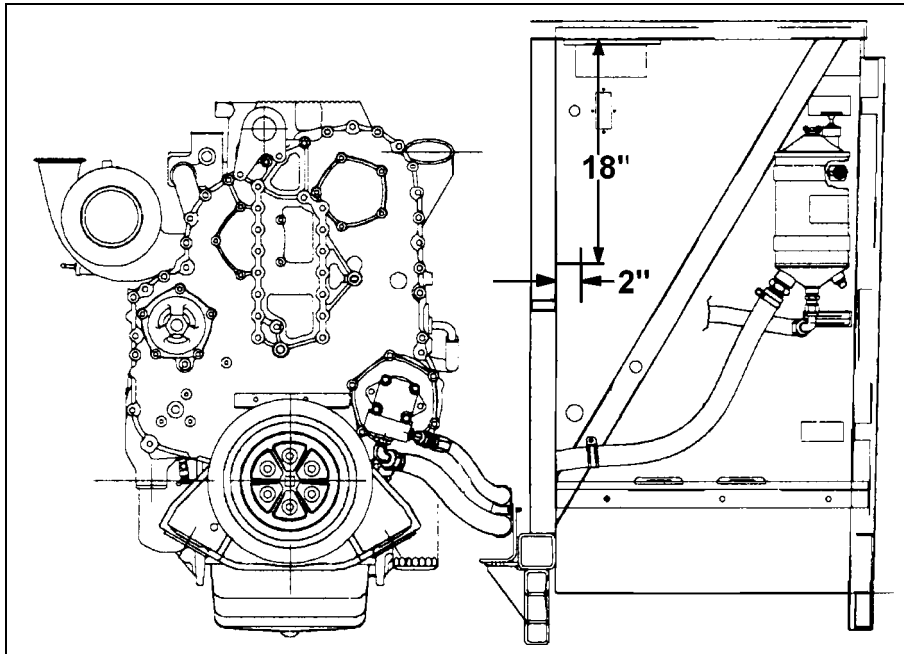


FIGURE 1: DRILLING LOCATION

2. Install sensor assembly (Prévost #011934) and secure using bolts (Prévost #502631), lock-washers (Prévost #502564) and hex. nuts (Prévost #500609).
3. Connect flexible tube (Prévost #140658) with sensor assembly.
4. Connect extension wire (Prévost #064625) ring terminal with sensor and channel extension wire and flexible tube free end between engine and main power compartment. Apply protective coating (Prévost #680745) onto sensor terminal (refer to fig. 2).

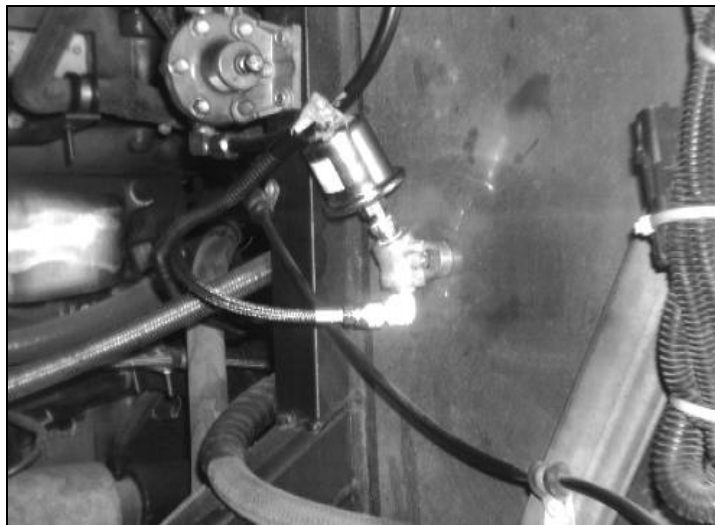


FIGURE 2: OIL PRESSURE SENSOR LOCATION

5. Jack vehicle until the tires clear the ground, and place safety supports underneath body or use a repair pit.

Warning: Only the recommended jacking points must be used as outlined in Section 18 of Maintenance Manual: "Body" or in Operator's Manual.

6. Remove existing oil pressure sensor and elbow located on engine block, clean tapped hole if needed and coat 90° elbow (Prévost #501037) threads with Teflon paste sealant(Prévost #680098).
7. Screw 90° elbow into tapped hole and position to 45° towards front of vehicle with reference to vertical (refer to fig. 3).



FIGURE 3: 90° ELBOW LOCATION

8. Remove engine rubber stone shield located on transmission L. H. side when looking towards front of vehicle to facilitate connection (refer to fig. 4).



FIGURE 4: ENGINE STONE SHIELD

9. Remove ring terminal from previous sensor wire and strip wire extremity. Insert wire into seal (Prévost #561786) then crimp female contact pin (Prévost #561578) onto wire.

Note: Crimp female contact pin using pliers (Prévost #682248) (PED #12014254).

10. Insert crimped female contact pin into connector (Prévost #561577), slide seal over wire and close cover, finally, connect connector with extension wire female connector.
11. Connect flexible tube with 90° elbow (refer to fig. 3).
12. Install clamps (Prévost #504601) on top of engine and secure flexible tube and extension wire using clamps and cable ties (Prévost #504012).
13. Reinstall engine rubber stone shield.

WARRANTY

This modification is covered by the manufacturer's normal warranty. We will reimburse you the parts and two hours (2.0) of labor upon receipt of a completed A.F.A. form on which you must specify as per "Warranty Bulletin 97-31".

Parts disposition:

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| - Discard according to applicable environmental regulations (Municipal/State[Prov.]/ Federal) |
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Expiration date: January 1999