

PREVOST

ENREGISTRÉ - REGISTERED
ISO 9001 & ISO 14001

**MAINTENANCE
INFORMATION**

Mi03-14A



DATE : September	SECTION : 23 - Accessories
SUBJECT : HOW TO REPLACE THE POLLAK OR DIXSON INSTRUMENT CLUSTER BACKLIGHTING BULBS	

REVISION : A

Also valid for Dixson cluster

Important Notice: This modification is recommended by Prévost Car to increase your vehicle's performance. Note that no reimbursement will be awarded for carrying out this modification.

APPLICATION

Model	VIN
H series vehicles Model Year : 1997 and over	From 2PCH3349XW1012285
XLII series vehicles Model Year : 2000 and over	From 2PCW33499Y1027046

DESCRIPTION

Replacement of the **Pollak** or **Dixson** instrument cluster backlighting bulbs can be easily done from the rear of the cluster, without the need to open it. To do so, follow the procedure below. There are 6 replacement bulbs included with each instrument cluster. They are located on the rear of the panel, on the lower right side.

MATERIAL

Use only this special removal tool to remove the bulbs:

Part No	Description	Qty
562909	Cluster backlighting bulb removal tool	1

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. Remove the air from the air tank by applying the brakes repeatedly.
2. Remove the dashboard cover.
3. Disconnect the instrument cluster cabling.
4. Disconnect the 3 air hoses.
5. Remove the nuts fixing the instrument cluster to the dashboard housing (figure 1).
6. Remove the instrument cluster.

Caution: When servicing or troubleshooting, do not leave the cluster face-down for more than 15 minutes, or damage to the gauges may occur. Gauge oil can run out the front of the gauge faces and make the gauges inaccurate.

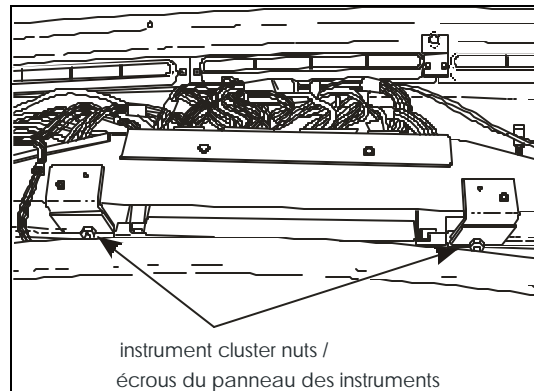


FIGURE 1

SYMPTOM	ACTION (Pollak cluster)
RPM gauge appears darker than usual	Replace both bulbs located behind RPM gauge
Speedometer gauge appears darker than usual	Replace both bulbs located behind speedometer gauge
Message center display appears darker than usual	Replace both bulbs located behind message center display
Turbo pressure, oil pressure and engine coolant temperature gauges appear darker than usual	Replace the bulb behind these 3 gauges
Voltmeter, fuel level or pressure gauges appear darker than usual	Replace the 5 bulbs behind these gauges

Note: Having only one defective backlighting bulb is barely noticeable in normal operation except for the turbo pressure, oil pressure and engine coolant temperature gauges which are backlit by only one bulb. All other gauges are backlit by more than one bulb.

Note: Bulbs quantity is slightly different on **Dixson** cluster.

Pièce No	Description	Qté
562838	Instrument cluster spare bulb	As required

Caution: Use only the special removal tool #562909 to remove the bulb, or damage to the cluster may occur. Needle-nose pliers must not be used.

7. Insert removal tool onto the defective bulb.
8. Rotate ¼ turn and pull assembly out of the socket.
9. Insert the new bulb assembly into the removal tool.
10. Insert the assembly into the cluster socket and rotate ¼ turn.

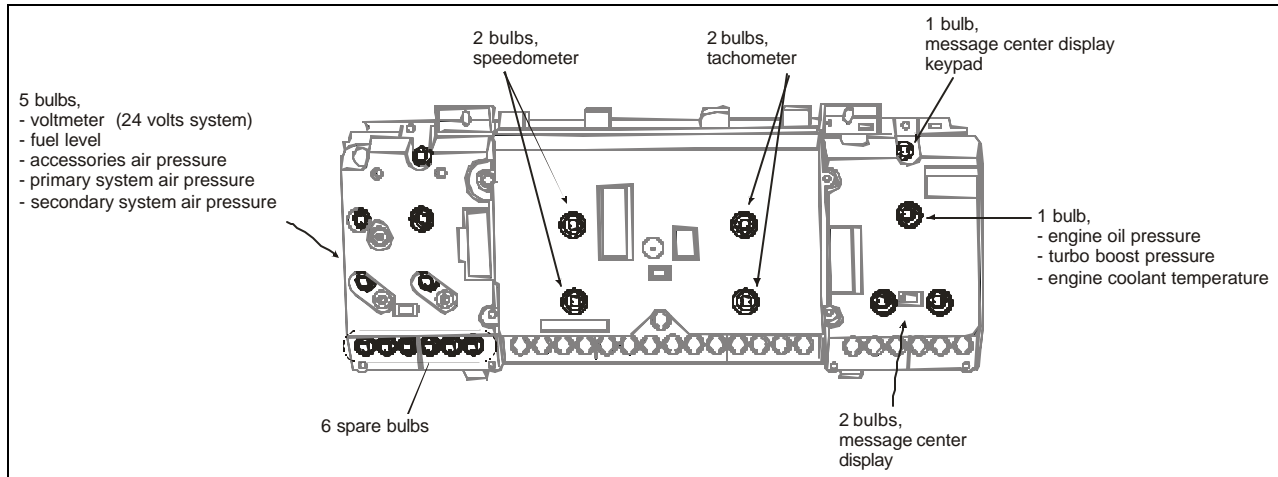


FIGURE 2: REAR VIEW OF THE POLLAK INSTRUMENT CLUSTER (DIXSON CLUSTER IS SLIGHTLY DIFFERENT)

Instrument Cluster Installation

Caution: Be careful when installing the cluster, the mounting is tight and there is high risk of breaking the cluster front pane if too much force is applied.

11. Reinstall the instrument. Insert the lower part of the instrument cluster into the housing. Exert a pressure on the lower part of instrument cluster to avoid jamming the instrument cluster glass pane. Rest the leaf spring against the supports.

Note : The instrument panel supports may be lowered from 1mm to 2mm maximum if, after tightening, the pane does not clear the housing (figure 3).

12. Bring back the top of the instrument cluster, insert the screws and tighten the nuts until the instrument cluster rests against the housing (figure 3).
13. Reconnect the 3 air hoses.
14. Reconnect the instrument cluster cabling.
15. Reinstall the dashboard cover.

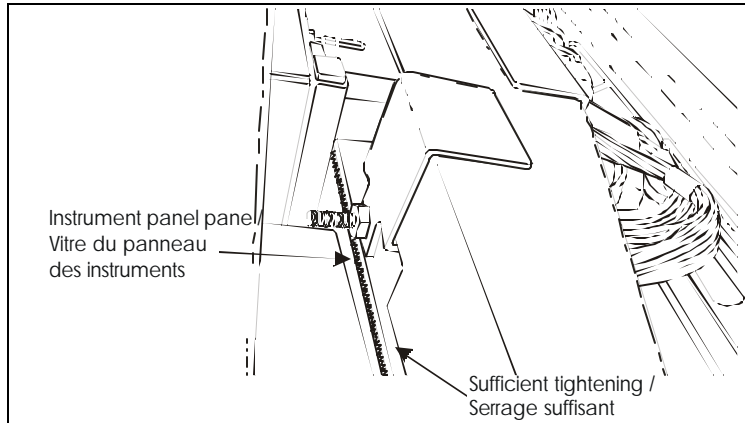


FIGURE 3

Waste disposal :

Discard according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)