



PREVOST

ENREGISTRÉ - REGISTERED
ISO 9001 & ISO 14001

MAINTENANCE INFORMATION Mi99-30



DATE : September 1999	SECTION : 06
SUBJECT : MAINTENANCE OF BOSCH ALTERNATORS	

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

APPLICATION

Model	VIN
H3 Series Vehicles Model Year : 1999 Equipped with Bosch alternator(s)	From 2PCH33494X1012901 up to now
XL Series Coaches Model Year : 1999	From 2PCL33490X1026904 up to now

DESCRIPTION

Detroit Diesel has released as an option to the series 60 engine, a Bosch T1 alternator. This alternator has special maintenance instructions which **must** be performed at every 100,000 mile (160 000 km) and at every 200,000 mile (320 000 km) interval.

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.

The Bosch alternator has a two year warranty with unlimited mileage. This warranty **requires** replacement of the alternator regulator at 100,000 mile (160 000 km) intervals and replacement of front and rear bearings at 200,000 mile (320 000 km) intervals.

The maintenance instructions and repair procedures are available in the Bosch repair manual: "Repair and Testing Instructions for T1 Alternator", P/N 0120 689 552. Use DDC repair kits 23524613 for regulator replacement and 23524614 for bearing and regulator replacement.

Bosch lubricants P/N 5 975 560 125, P/N 5 700 009 000, P/N 5 975 560 000, P/N 5 7000 040 000, adhesive P/N 5 703 151 000 and silicone paste P/N 5 700 083 005 are required. These products are available from authorized Bosch distributors.

The special tools needed to perform the required alternator maintenance are listed in Table 1.

TOOL DESCRIPTION	BOSCH TOOL NUMBER
Pressing Ring – Front Bearing	0 986 618 127
Inner Bearing Race Remover – Rear Bearing	0 986 619 269
Extractor – Rear Bearing	0 986 618 121
Receiver Cup Puller – Rear Bearing	0 986 618 214
Threaded Pin and Cone – Rear Bearing	0 986 619 250
Collet – Rear Bearing	0 986 619 233
Press Tool – Bearing Spacer / Inner Bearing Race Installer	0 986 618 134
Bearing and Seal Installer	0 986 618 125
Alignment Pin	0 986 619 128
Arbor Press Adaptor	0 986 618 124
Feeler Gauge Set	0 986 618 378 (four required)

Table 1

Additional service information is available in the Detroit Diesel *Series 60 Service Manual*, 6SE483.