

PREVOST

ENREGISTRÉ - REGISTERED
ISO 9001 & ISO 14001


MAINTENANCE INFORMATION Mi02-08



DATE : May 2002	SECTION : 07 - Transmission
SUBJECT : FACTORY FILL OF TRANSYND FLUID AND REVISED TRANSMISSION FLUID/FILTER CHANGE INTERVALS	

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	
XLII-45 Coaches Model Year : 2002	From 2PCX3349721027834	
XLII MTH W0, W5 & WE Model Year : 2002	From 2PCW3349321027826	
H3-41, H3-45 Coaches Model Year : 2003	From 2PCH3349231014432	
VIP-45 Model Year : 2003	From 2PCV3349031014433	

DESCRIPTION

Allison Transmissions are now factory fill with TranSynd™ fluid. This Maintenance Information lists current fluid and filter change recommendations based upon vocation. Optimum performance and reliability of heavy-duty automatic transmissions can be noticeably influenced by the type of fluid used and the frequency with which that fluid is changed. For more information, refer to Allison Transmission Service Information Letter "10-TR-99, Rev. B".

EQUIPMENT AFFECTED: B 3/4/500 Series
 BEGINNING SERIAL NUMBERS: HD/B 500/T 425/T 450/T 525 S/N 6610092269

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.

Allison Transmission requires the following initial filter change intervals:

MD/HD Product Line Main 5000 miles (8000 km)/200 hours

A new initial change main filter kit has been released for MD/HD Product Line transmissions. Initial main filter kit (2 inch kit P/N 29540495) contains only one Gold series filter and all necessary seals and gaskets to perform the first 5000 mile/8000 km/200 hour main filter change.

Fluid Loss With MD/HD Product Line Filter Change Only:

When performing initial main filter change or changing main and lube filters at recommended intervals, approximate fluid lost for each filter as follows:

Main Filter = 2 quarts (1.9 liters)

Lube Filter = 8 quarts (7.6 liters)

MD/HD Product Line Gold Series Filters:

Allison MD/HD Product Line Gold series filters were released into production beginning January1, 2002. MD/HD Product Line Gold series filters allow increased fluid and filter change intervals when used with TranSynd™ fluid or TES 295 equivalent. MD/HD Product Line Gold series filters can be identified by P/N 29538231 or 29538232 stamped into the filter end cap.

Note : *Extended MD/HD Product Line TranSynd™ fluid and filter change intervals are only allowed with Allison Gold series filters. Filters must be changed at or before recommended intervals.*

Current Gold Series Filter Kit: 2 inch Filter Kit P/N 29540493

HD/B 500/T 400/T 500 Series

2 inch Control Module (1.75 approximately) (refer to figure 1) – Requires filter kit P/N 29540493

Recommended Fluid and Filter Change Intervals (TranSynd™/TES 295 Fluid)

SEVERE VOCATION				GENERAL VOCATION			
Fluid	Filters			Fluid	Filters		
	Main	Internal	Lube/Auxiliary		Main	Internal	Lube/Auxiliary
50,000 Miles (80 000 km) 24 Months	50,000 Miles (80 000 km) 24 Months	Overhaul	50,000 Miles (80 000 km) 24 Months	150,000 Miles 240 000 km 48 Months	50,000 Miles (80 000 km) 24 Months	Overhaul	50,000 Miles (80 000 km) 24 Months

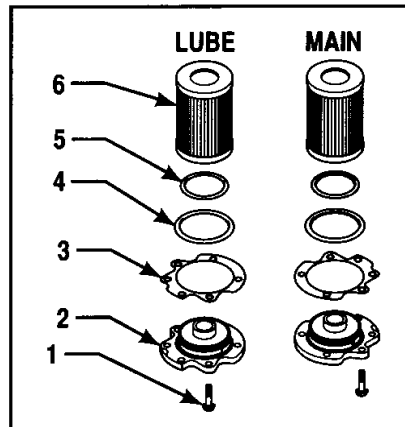
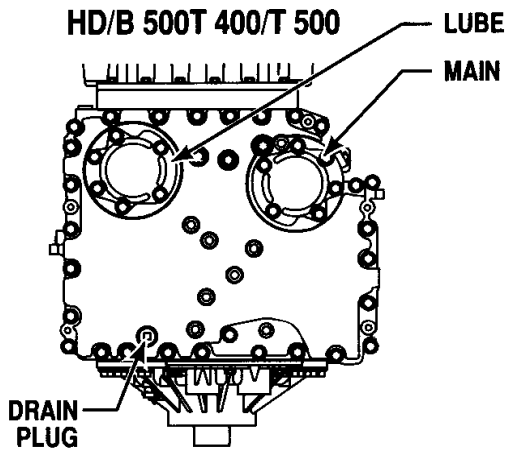
Severe Vocation: All Retarders, On/Off Highway, Refuse, Transit, and Intercity Coach with duty cycle greater than one (1) stop per mile.

General Vocation: Intercity Coach with duty cycle less than or equal to one (1) stop per mile and all other vocations.

Local conditions, severity of operation or duty cycle may require more or less frequent fluid change intervals that differ from the published recommended fluid change intervals of Allison Transmission. Transmission protection and fluid change intervals can be optimized by the use of fluid analysis. **Filters must be changed at or before recommended intervals.**

Waste disposal :

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



Main and Lube Filter designations cast into bottom of Control Module

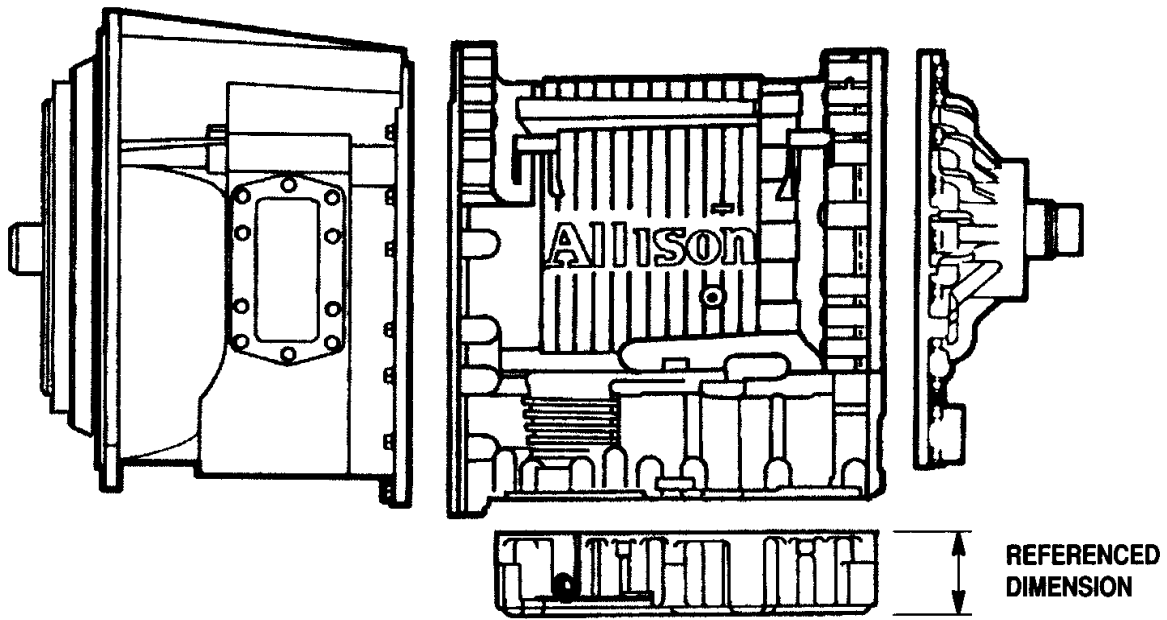


FIGURE 1

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