

APPENDIX 2

LUBRICATION GUIDE

It is recommended that the manufacturer's fluid recommendations be followed. There are times that it may be necessary to use an alternate fluid to cure noise and shift problem. The fluid recommendations in this appendix are different from specifications and have cured some of these problems.

Unit Type	Specific Units	Oil Type
Transmissions:		
Asian Warner	AX5 & AX15	GM Synchronesh Fluid P/N 12346349 Only
Borg Warner	T5, T-45 & T-56	ATF Only
Borg Warner	T-18, T-19	75-90 Gear Oil
Ford	M5R1 & M5R2	ATF Only
Muncie	SM465	75-90W Gear Oil
New Process	535	GM Synchronesh Fluid P/N 12346349 Only
New Venture	4500	Castrol Syntorque Synthetic Gear Oil Only
New Venture	HM290, 5LM60, 3500	GM Synchronesh Fluid P/N 12346349 Only
New Venture	T350, A-578, Mitsubishi F5MC1	Mopar M59417 MTX Fluid P/N 4773167 Only
Nissan	FS571C	75-90W Gear Oil
Peugeot	BA10	GM Synchronesh Fluid P/N 12346349 Only
Tremec	SMOD, SROD, TOD	ATF Only
ZF Corvette Unit	S640	P/N 1062931 or Castrol IRS only
ZF Truck Units	S542, S547, S650	Synthetic ATF Only
Transfer Cases:		
Borg Warner	1345, 1350, 1354, 1356, 1370, 4401, 4405, 4406, 4407	Synthetic ATF Only
Dana	RA28	Synthetic ATF Only
New Process	136, 243, 246	Synthetic ATF Only
New Process	203, 205	75-90W Gear Oil Only
New Process	207, 208, 119, 128, 129, 219, 228, 229, 231, 233, 241, 249, 271, 273	5W-30 Motor Oil Only
New Process	247	Chrysler Part #05013457AA
New Process	435	75-90W Gear Oil

(Courtesy of Rockland Standard Gear)