



Technical Service Information

THM 3T40 (125C) COASTDOWN CLUNK

1985 and/or 1986 Model Year

The neutral to drive package can be used to service a 1985 or 1986 (before Julian Date 184) THM 125C transaxle exhibiting a harsh drive engagement by replacing the forward clutch with the new forward clutch assembly.

The neutral to reverse package can be used to service a 1985 or 1986 (before Julian Date 189) THM 125C transaxle exhibiting a harsh reverse engagement by replacing the lo and reverse clutch assembly with the new lo and reverse housing assembly, and new lo and reverse clutch pack assembly. (The lo and reverse clutch pack assembly contains both wave plates, the steel and composition faced plates, and the correct selective backing plate.)

1986 and/or 1987 Model Year

When servicing the forward and/or lo and reverse clutch assemblies on a 1986 (after Julian Date 184) or 1987 THM 125C transaxle, it is important to select the correct backing plate. The backing plate selection effects piston travel and shift feel.

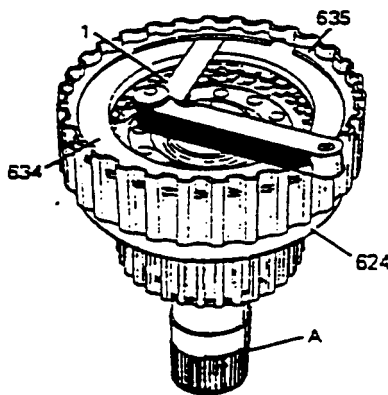
To check the forward clutch backing plate selection, apply approximately 10 lbs. of pressure on the backing plate and check the gap between the backing plate and snap ring. If the gap is larger than 1.49 mm (.059") use the next thicker backing plate and if smaller than 0.67 (.026") mm use the next thinner backing plate. Refer to Figure 1 for alternate backing plate selections. The new lo and reverse clutch pack assembly (wave, steel, composition faced, and selective backing plate) is serviced as an assembly only.

Service Parts Information

8664167 Forward Clutch Assembly, Complete

8664152 Lo and Reverse Clutch Housing Assembly

866451 Lo and Reverse Clutch Pack Assembly



ILL. NO.	DESCRIPTION
A	INPUT SHAFT
1	FEELER GAGE .67-1.49mm (.026"-.059")
624	HOUSING ASSEMBLY, FORWARD CLUTCH
634	PLATE, FORWARD CL. BACKING (SELECTIVE)
635	RING, SNAP

BACKING PLATE THICKNESS		IDENTIFICATION CODE		PART NUMBER	
MM	Inches	Steel	Powdered Metal	Steel	Powdered Metal
5.0 - 4.9	.197 - .191	A	6	8664160 (A)	8664156 (6)
4.5 - 4.3	.175 - .170	B	7	8664161 (B)	8664157 (7)
3.9 - 3.8	.154 - .148	C	8	8664162 (C)	8664158 (8)
3.3 - 3.2	.132 - .126	D	9	8664163 (D)	8664159 (9)

Figure 1