

June 12, 1980

ENGINEERING MEMO #421

TO: Memo Distribution  
FROM: R. E. Orwig  
SUBJECT: V6 ENGINE & TRANSMISSION RUNNING CHANGE FOR 1980  
MODEL YEAR PRODUCTION.

As a product improvement, we are releasing a new V6 engine number and a new V6 Transmission number that must be used in combination for the balance of the current 1980 MY production  
(C) - - effective with Chassis Number 01917.

The only difference in the V6 engine is the new one will have a 14.00" diameter flywheel instead of the originally released 12.75" diameter flywheel. The difference in the transmission is the new will have the large 12.2" diameter torque converter (same as the V8 transmission) instead of the previous 11.75" diameter converter.

Also, with this engine/transmission combination, the current V6 Starting Motor will be changed to the larger V8 Starting Motor and re-positioned to accommodate the larger flywheel. The starter mounting bolts and brace are also affected by this change.

SERVICE NOTE:

The larger converter will become effective starting with transmission serial number 80-NC-2709 and subsequent thereafter.

Service is affected in that these parts are not interchangeable. Following is a complete list of the part to be affected:

REVISIONS			
DATE	ITEM REV & PAGE NO	DATE	ITEM REV & PAGE NO
6-17-80	Chg A on P.2		
6-30-80	Chg B on P.2		
8-14-80	Chg C "01917" was "01911 Approx."		
8-15-80	Page 3 Added		

ITEM	DESCRIPTION (New Parts Only)	B OF M	OLD PART NUMBER	B OF M	NEW PART NUMBER	FOR DEPT USE ONLY	INT NEW FOR OLD	AVAIL AFTER CHG	REMARKS (Old Parts Only)
1	Engine Asm-229 V6 Fed (W/14.00 Dia Flywheel)	B	707315	B	707620		NO	YES	Service
2	Trans Asm-Auto V6 (W/12.2 Dia Converter)	B	707493	B	707621		NO	YES	Service
3	Motor Asm-Starting(V6)	B	707368				-	YES	Serv or Return or Credit
4	Motor Asm-Starting(V8)	B	705969				-	YES	Increase Usage
5	Brace-Starting Motor(V6)	B	708547				-	YES	Serv or Scrap
6	Brace-Starting Motor-V6(Mod)						-		New Part
7	Brace-Starting Motor-V8	B	706354	M	708644	Make from 706354	-		Increase Usage
8	Bolt-Starter Mt (3/8-16x1-9/16 Spl)	B	708544				-	YES	Serv or Scrap
9	Bolt-Starter Mt (3/8-16x4-21/32 Spl)	B	702202				-		Increase Usage
10	Supt Asm-Starter to Eng (V6)			M	707612		-		New Part
11	Supt-Starter to Eng (V6)			M	708643		-		New Part
12	Nut-3/8-16 Proj Weld	B	9416203				-		Increase Usage
13	Bolt-3/8-16x1 Hex Hd	B	180122				-		Increase Usage
14	Lockwasher-3/8 Med	B	120382				-		Increase Usage
15	Nut-1/4-20 Elastic Stop	B	98446				-		Increase Usage
16	Washer-9/32x5/8 Plain	B	120392				-		Increase Usage
17	Nut-Wa Insert Hex Mach(#10-24)	B	190254				-		Increase Usage
18	Washer-7/32 x 1/2 Plain	B	120391				-		Serv or Scrap
							-		Reduce Usage

