

February 29, 1980

ENGINEERING MEMO #413

TO: Memo Distribution
FROM: R. E. ORWIG
SUBJECT: ENGINE COMPARTMENT WIRING REVISIONS

In order to improve the engine compartment wiring and reduce cost on all models (except Diesels) the following changes are being made:

1. The 15 Amp. Circuit Breaker (707268) and Rubber Guard (706305) are being eliminated at the left hand inner fender location. This circuit breaker has been functioning only as a "junction block" for the Generator Harness - and this electrical connection is being removed.
2. The present Generator Harness (705562) is being eliminated as a separate wiring harness and will be included in a new Forward Lamp & Generator Wiring Harness Assembly (707530). The new Generator wiring will be routed from the bulkhead connector to the generator via the rear of the engine and along the right hand valve cover. This change results in fewer electrical connections and elimination of superfluous parts.
3. The present Main Engine Harness (705996) is being changed primarily for easier installation, reduction of wire lengths and for better fit-up. The part number of the new Main Engine Harness is (707531).

The effective point of these changes will be with the availability of the new harnesses, but without obsolescence of old parts. Service is affected in that the harnesses are "not interchangeable". The old harnesses will be available and should be ordered for service replacement as required.

Following is a complete list of the parts affected by these changes:

REVISIONS			
DATE	ITEM REV & PAGE NO.	DATE	ITEM REV & PAGE NO.
3-4-80	Items(10-13) Added		

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ITEM	NAME	B or M	OLD PART NUMBER	NEW PART NUMBER	INT NEW FOR OLD	AVAIL AFTER CHG	REMARKS
1	Cir Brkr Asm-12V-15A	B	707268	- - -	-	YES	Effec. w/Ch. 00324.Serv or Scrap
2	Guard-Horn Circuit Brkr	B	706305	- - -	-	YES	Effec. w/Ch. 00324.Use- Diesel Only
3	Scr-#10x1/2 PHCR Type A Tap	B	161895	- - -	-	YES	Reduce Usage
4	Harness Asm-Delco Gen	B	705562	0 - -	-	YES	Use-Diesel Only
5	Clamp-13/16 Dia Clsdx13/32 Bolt Hole	B	705549	- - -	-	YES	Serv or Scrap
6	Bolt-3/8-16x3/4 Hex Hd	B	180120	- - -	-	YES	Reduce Usage
7	Lockwasher-3/8 Med Spring	B	120382	- - -	-	YES	Reduce Usage
8	Harness Asm-Fwd Lamps	B	705732	707530	NO	YES	Service
9	Harness Asm-Main Engine	B	705996	707531	NO	YES	Service
10	Clip-Open J Type 13/32 Dia Bolt Hole	B	82144	- - -	-	-	Reduce Usage
11	Lockwasher-#10 Med Spr	B	120217	- - -	-	-	Reduce Usage
12	Clip-15/16 Dia Clsdx11/32Hole	B	708357	- - -	-	-	Reduce Usage
13	Nut-#10-32 Hex	B	120614	- - -	-	-	Reduce Usage