

May 18, 1977
(A) 1-9-78

ENGINEERING MEMO #386

TO: MEMO DISTRIBUTION
FROM: R. E. ORWIG
SUBJECT: ENGINE MOUNTING CHANGES REQUIRED TO RAISE THE 6-CYL
ENGINE FOR IMPROVED CLEARANCES AND TO PROVIDE FOR FUTURE
FRONT STEERING.

We have redesigned the engine mounting for both the L/6 and V/8 engines. Primarily, the changes are being made to provide the necessary clearances with the L/6 California type engine and future front steering.

The angles and plates that are welded to the No. 2 frame cross-member are both new - - as are the engine mounting adapters. The new L/6 engine adapters will raise the engine approximately one-half (1/2) inch. The new V/8 engine adapters will not affect the engine height. With these new adapters, the current "adapter plates" will no longer be required.

At the engine rear mounting, the support perch assembly has been redesigned to raise the L/6 engine approximately one-quarter (1/4) inch. This will provide more clearance with the propeller shaft universal joint.

Interchangeability is affected in that the new and old parts are basically not interchangeable - except for a "complete change-over". The Engineering Release information will clearly specify the interchangeability status of each part.

This engine mounting change will be effective as soon as parts are available - - which should be around September 1, 1977. Production runs of the old parts listed in this memo should be scheduled around this time frame so as to minimize obsolescence. Rotate stock as required.

Following is a complete list of the parts affected:

(A) This Memo incorporated at Chassis #80007

REVISIONS			
DATE	ITEM REVISED & PAGE NUMBER	DATE	ITEM REVISED & PAGE NUMBER
7-26-77	(17-26) Page 2		
7-26-77	(27-28) Page 3 added		
8-12-77	(29-32) Page 3 added		
12-6-77	(33)added Page 3		

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ITEM	NAME	B or M	OLD PART NUMBER	NEW PART NUMBER	INT NEW FOR OLD	AVAIL AFTER CHG	REMARKS
1	Angle-Eng Mtg Frame	M	706075 LH	708109 LH	NO	YES	Serv or Scrap
2	Angle-Eng Mtg Frame	M	706076 RH	708110 RH	NO	YES	Serv or Scrap
3	Plate-Eng Mtg Frame	M	706077	708108	NO	YES	Serv or Scrap
4	Crossmember Asm-#2 Frame	M	703935	705979	NO	YES	Serv or Scrap
5	Adapter-Eng Mtg-6 Cyl	M	706239 LH	708105 LH	NO	YES	Serv or Scrap
6	Adapter-Eng Mtg-6 Cyl	M	706240 RH	708106 RH	NO	YES	Serv or Scrap
7	Adapter-Eng Mtg-8 Cyl	M	706079 LH	708103 LH	NO	YES	Serv or Scrap
8	Adapter-Eng Mtg-8 Cyl	M	706080 RH	708104 RH	NO	YES	Serv or Scrap
9	Plate-Eng Mtg Adapter	M	706527	- - -	-	YES	Serv or Scrap
10	Perch Asm-Rr Eng Supt Bar	M	705508	705980	YES	NO	Serv or Scrap
11	Bar Asm-Rear Eng Supt	M	705500	705981	YES	NO	Serv or Scrap
12	Frame Asm-Comp-Basic	M	705834	705974	YES	NO	Use W/O Obs
13	Frame Asm-Complete	M	705837	705976	YES	NO	Use W/O Obs
14	Frame Asm-Complete-Basic	M	705836	705975	YES	NO	Use W/O Obs
15	Frame Asm-Complete	M	705838	705977	YES	NO	Use W/O Obs
16	Frame Sub Asm-129WB	M	705876	705978	YES	NO	Use W/O Obs
17	Supt-Rad Fan Shroud	M	706599	708131	NO	YES	Rework
18	Pnl Asm-Rad Supt 8 Cyl	M	651857	Chg G	YES	NO	Use W/O Obs
19	Pnl Asm-Rad Supt Welded	M	651835	Chg L	YES	NO	Rework as req'd
20	Pnl Asm-Rad Supt	M	651814	Chg H	YES	NO	Use W/O Obs
21	Pnl-Rad Supt Side	M	646719 646720	Chg D- E	YES	NO	Rework as req'd
22	Shrd Asm-Rad Fan Upr 6 Cyl	M	701598	Chg L- M	YES	YES	Rework
23	Shrd Asm-Rad Fan Lwr 6 Cyl	M	701599	Chg L- M	YES	YES	Use W/O Obs
24	Channel-Rad Fan Shrd	M	702632	Chg A	YES	YES	Rework
25	Shrd-Rad Fan Lt Si Upr 6 Cyl	M	702773	Chg D	YES	YES	Rework
26	Shrd-Rad Fan-Lt Si Lwr 6 Cyl	M	702774	Chg D	YES	YES	Rework

ENGINEERING MEMO # 386(Cont'd.)

ITEM	NAME	B or M	OLD PART NUMBER	NEW PART NUMBER	INT NEW FOR OLD	AVAIL AFTER CHG	REMARKS
27	Shrd Asm-Rad Fan Upr Comp	M	703809	Chg C- D	YES	YES	Rework
28	Shrd Asm-Rad Fan Lwr Comp	M	703810	Chg C- D	YES	YES	Use W/O Obs
29	Hose-Rad Outlet Lwr(Chev 6)	B	702116	707017	NO	YES	Service
30	Tab-Exh Pipe Strap	M	706613	- - -	-	YES	Serv or Scrap
31	Strap-Exh Pipe	M	706612	- - -	-	YES	Serv or Scrap
32	Strap Asm-Exh Pipe	M	705532	- - -	-	YES	Serv or Scrap
33	Spacer-Rr Eng Supt Perch	M	706576	- - -	-	-	Increase Usage