

April 22, 1975; Rev: 5-14-75; 6-16-75;

7-17-75; 8-19-75;

9-29-75; Chg"A":

10-27-75, Items 66-76
Added; Chg"B"; Items 77-

81 Added; 12-11-75;

Items(82,83)Added:

1-12-76.Item(84)Added:

2-5-76.

ENGINEERING MEMO #361

TO: Memo Distribution

FROM: R. E. Orwig

SUBJECT: ENGINE AND RELATED ITEMS, CHANGES REQUIRED FOR
1976 MODEL YEAR CHECKER VEHICLES EFFECTIVE
APPROXIMATELY DECEMBER 1, 1975.

In order to comply with Federal and California Emission Standards affecting Checker vehicles for the 1976 model year, the following general areas will be affected:

A.

1. Engines
2. Engine Accessory Kits
3. Carburetors
4. Various Engine Emission Control Valves & Switches
5. Engine Emission Information Labels

a. 250 L/6 Eng for Federal use(all states exc Calif) will be equipped w/ EGR/EFE/OC(exh gas recirculation, early fuel evap, oxydizing catalytic conv) no AIR. Eng spec. no. 615A.

b. 250 L/6 eng for use in Calif only will be equipped w/ EGR/EFE/OC/AIR(exh gas recirculation, early fuel evap, oxydizing catalytic conv, air inj reactor) Eng. Spec. No. 614A.

c. 350 2BBL V/8 Eng for Federal use(all states exc Calif) will be equipped w/ EGR/EFE/OC(exc gas recirculation, early fuel evap, oxydizing catalytic conv) No AIR. Eng. Spec. No. 826A.

B. The following areas may also be revised and the change coordinated to this memo because of product improvement and/or model year related vendor requests for change:

1. Transmissions
2. Steering Column Shaft Lock Cover
3. Steering Wheels & Shroud
4. Steering Arms & Ball Joints

Following is a preliminary list of parts:

ENGINEERING MEMO #361 (Cont'd.)

ITEM	NAME	B or M	OLD PART NUMBER	NEW PART NUMBER	INT NEW FOR OLD	AVAIL AFTER CHG	REMARKS
1	Eng Asm-250 L-6 Non-Calif	B	705487	705691	No	No	If Any, Serv
2	Eng Asm-250 L-6 Calif	B	705489	705692	No	No	If Any, Serv
3	Eng Asm-350 V/8 2 Bbl Non-Calif	B	705488	705693	No	No	If Any, Serv
4	Kit-Eng Acstry 250 L-6 Non-Calif	B	705538	705702	No	No	Serv or Scrap
5	Kit-Eng Acstry 250 L-6 Calif	B	705539	705703	No	No	Serv or Scrap
6	Kit-Eng Acstry 350 V/8 Non-Calif	B	705540	705704	No	No	Serv or Scrap
7	Kit-Pwr Strg 350 V/8 w/o A/C	B	705541	- - -	No	No	Serv or Scrap
8	Kit-Pwr Strg 350 V/8 w/ A/C	B	705542	- - -	No	No	Serv or Scrap
9	Kit-A.C. Comp Mtg 350 V/8	B	705543	705705	No	No	Serv or Scrap
10	Carb Asm-L-6 Non-Calif	B	705573	705706	No	Yes	Serv or Scrap
11	Carb Asm-L-6 Calif	B	705574	705707	No	Yes	Serv or Scrap
12	Carb Asm-V/8 2 Bbl Non-Calif	B	705575	705708	No	Yes	Serv or Scrap
13	Label-Veh Emis-L-6 Non-Calif	B	706700	706938	No	No	Serv or Scrap
14	Label-Veh Emis-L-6 Calif	B	706701	706937	No	No	Serv or Scrap
15	Label-Veh Emis-V/8 Non-Calif	B	706702	706939	No	No	Serv or Scrap
16	Transmission Asm-L-6	B	705490	705688	Yes	Yes	Use w/o Obs
17	Transmission Asm-V/8	B	705491	705689	Yes	Yes	Use w/o Obs
18	Cover-Strg Col Shaft Lock	B	703617	706799	No	No	Use w/o Obs
A 19	Strg Col & Wheel Asm	M	705553	- - -	Yes	No	Use w/o Obs Engr Change
20	Pump Asm-Fuel (L-6)	B	705518	705629	Yes	No	Use w/o Obs
21	Sw Asm-EFE Vac Actr Cont	B	Chev# 356116 As Furn	705709	No	Yes	If Any, Serv

ENGINEERING MEMO #361 (Cont'd.)

ITEM	NAME	B or M	OLD PART NUMBER	NEW PART NUMBER	INT NEW FOR OLD	AVAIL AFTER CHG	REMARKS
22	Pipe-Exh Heat Act Vac	F	706621	706848	NO	YES	Serv or Scrap
23	Conn-C/C Vent Hole(Frt)	F	706619	706846	NO	YES	Serv or Scrap
24	Pipe A.C/C Vent	F	705548	706847	NO	YES	Serv or Scrap
25	Pipe-Exh Ht Vlv Act(Sw to Act)	F	- - -	706849	-	-	New Part
B 26	Stud-Exh Pipe 3/8-16 x 256	F	- - -	706850	-	-	New Part-Canceled
27	Clip Spark Plug Wire	F	- - -	706865	-	-	New Part-Canceled
28	Ret-Spark Plug Wire Side	F	- - -	706864	-	-	New Part
29	Grommet-Spk Plg Wire Rr Up	F	- - -	706863	-	-	New Part
30	Pipe-Spark Cont (Mod)	M	706699	- - -	-	-	Serv or Scrap
31	Pipe-Spark Cont	F	706627	706852 706853	NO	YES	Serv or Scrap
32	Fitting-Eng Vac(4-Pos)	F	706677	706854	NO	YES	Serv or Scrap
33	Fitting-Eng Vac(3-Pos)	F	706676	706854	NO	YES	Serv or Scrap
34	Pipe-Air Inj Div Vlv Sig	F	706634	706851	NO	YES	Serv or Scrap
35	Brace-Gen Frt V/8	F	706640	706855	NO	YES	Serv or Scrap
36	Supt-Spk Plg Wire Up R V/8 Rr RH	F	702187	706862	NO	YES	Serv or Scrap
37	Supt-Spk Plg Wire-Side V/8	F	702195	706859	NO	YES	Serv or Scrap
38	Supt-Spk Plg Wire-Lwr V/8 Rr RH	F	702456	706860	NO	YES	Serv or Scrap
39	Supt-Spk Plg Wire Rr Lwr V/8	F	702923	706861	NO	YES	Serv or Scrap
40	Shield A.Spk Plg RH & LH Frt Rr	F	703106	706857	NO	YES	Serv or Scrap
41	Shield-Spk Plg Frt LH	F	704117	- - -	-	-	Revise Usage
42	Insulator A.Carb Heat 2 Bbl	F	705417	- - -	-	-	Revise Usage
43	Supt A.Hyd Strg Pump Adj Brkt V/8	B	703965	- - -	-	-	Revise Usage

ENGINEERING MEMO #361 (Cont'd.)

ITEM	NAME	B OF M	OLD PART NUMBER	NEW PART NUMBER	INT NEW FOR OLD	AVAIL AFTER CHG	REMARKS
44	Shield A.Spk Plg RH-Rr	F	- - -	706856	-	-	New Part
45	Supt-A/C Comp Brkt Rr	F	704524	705631 Memo#362	NO	YES	Serv or Scrap
46	Supt A.Radio Ign Shield(RH)	F	- - -	705722	-	-	New Part
47	Supt A.Radio Ign Shield(LH)	F	- - -	705729	-	-	New Part
48	Clamp Hose(.583 Dia Band Type)	B	704684	- - -	-	-	Revise Usage
49	Cap-Vapor Can Drain	B	704693	- - -	-	-	Serv or Scrap
50	Hose-Can Bottom Drain	B	706288	- - -	-	-	Serv or Scrap
51	Harness A. E.F.E. Solenoid	B	705585	- - -	-	-	Serv or Scrap
52	Valve A. Solenoid L-6	B	705565	- - -	-	-	Serv or Scrap
53	Hose C/C Vent Vlv 6 Cyl	B	706590	706927	NO	YES	Serv or Rework to 706927
54	Hose-Div Vlv to Tee	B	706183	706926	NO	YES	Serv or Scrap
55	Hose-5/32 ID x 11/32 OD x 2.50 Lg	B	- - -	706898	-	-	New Part
56	Hose A. E.G.R. 6 Cyl	B	705416	706928 (Partial)	-	-	Revise Usage
57	Cont A. E.G.R. Thermal Delay	B	705408	- - -	-	-	Revise Usage
58	Hose Chart-5/32 ID	Ref	706501	- - -	-	-	Revise Usage
59	Hose Chart-7/32 ID	Ref	706502	- - -	-	-	Revise Usage
60	Hose Chart-3/8 ID	Ref	706506	- - -	-	-	Revise Usage
61	Hose-Vac 5/32 ID x 1.25 Lg	B	706182	- - -	-	-	Revise Usage
A 62	Hose-Carb to Dist-Vac	B	706226	704744	NO	YES	Serv or Rework to 706593
63	Hose-Vac 5/32 ID x 7.00 Lg	B	702942	- - -	-	-	Revise Usage.
64	Pipe-Vac Fitting to Div Vlv	M	706696	- - -	-	-	Serv or Scrap
65	Strg Col & Wheel Asm	M	705553	- - -	-	-	Rev Usage

ENGINEERING MEMO # 361 (Cont'd.)

ITEM	NAME	B Dr. M	OLD PART NUMBER	NEW PART NUMBER	INT NEW FOR OLD	AVAIL AFTER CHG	REMARKS
66	Pulley A. Pwr Strg Pump	F	705535	- - -	-	-	Serv or Scrap
67	Supt Pwr Strg Pump-Frt	B	706629	Partial 706958	-	-	Revise Usage
68	Supt Pwr Strg Pump-Lower	B	706630	Partial 706957	-	-	Revise Usage
69	Pulley Asm-Pwr Strg Pump	F	705535	705766	NO	YES	Serv or Scrap
70	Nut-5/16-24 Hex	B	120368	- - -	-	-	Revise Usage
71	Lockwasher-5/16 Med Spr	B	120214	- - -	-	-	Revise Usage
72	Hose-Choke Pull-Off Sw to Vac Fitting	B	706593	- - -	-	-	Revise Usage
73	Label-Fuel Econ 6 Cyl Fed	B	706712	706974	NO	YES	Serv or Scrap
74	Label-Fuel Econ 6 Cyl Calif	B	706713	706975	NO	YES	Serv or Scrap
75	Connector-3/16 Hose	B	- - -	706973	-	-	New Part
76	Decal-Exh Emissions 6 Cyl Calif	B	- - -	706977	-	-	New Part
77	Label-Fuel Economy V/8	B	706714	706976	NO	YES	Serv or Scrap
78	Supt-Spk Plug Wire Rr Upr LH V8	B	702194	705729	NO	YES	Serv or Scrap
79	Lockwasher 3/8 Med Spr	B	120382	- - -	-	-	Reduce Usage
80	Nut-3/8-16 Hex	B	120377	- - -	-	-	Reduce Usage
81	Nut-3/8-16 Hex F1	B	706100	- - -	-	-	Increase Usage
82	Harness A. Main Eng HEI (Mod V/8)	M	- - -	705801	-	-	New Part
83	Harness A. Main Eng	B	705731	- - -	-	-	Revise Usage
84	Pump & Pul Asm-Pwr Strg-6 Cyl	M	705534	705798	No	Yes	Service