

March 27, 1969

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ENGINEERING MEMO #256

TO: Memo Distribution

FROM: S. Hori

SUBJECT: USE OF 1970 SIX-CYLINDER ENGINES FOR AUTOMATIC TRANSMISSION ON 1969 MODEL YEAR VEHICLES

- A. To overcome the storage and commitment problems for 1969 six-cylinder engines for automatic transmission that will be required between the Chevrolet Engine Plant July engine change over date to the October 1, 1969, Checker Motors Corporation Model change over date, the Checker Motors Corporation will use some 1970 engines on 1969 Model vehicles.
1. This will be possible for these engines due to the minor changes made by Chevrolet on the 250 C.I.D. six-cylinder engines for automatic transmission for the 1970 Model year.
 2. This will also minimize the obsolescence of the 1969 engines.
 3. No attempt should be made to start the use of the 1970 engines on 1970 Model cars sooner than necessary due to the requirement of the Transmission Controlled Spark system on 1970 Model vehicles.
- B. The following items will be affected:
1. Part No. 703262 Engine Assembly-250, Six-cylinder, Auto. Trans. (1969).
 - a. Purchase engines required until the 1970 engines are available for Checker Motors production.
 2. Part No. 703571 Engine Assembly-250, Six-cylinder, Auto. Trans. (1970).
 - a. Use as 1969 engines until October 1, 1969.
 - b. Will be used as 1970 engines after October 1, 1969.
 3. Part No. 703308 Kit-Engine Access.-250, Six-cylinder, Auto.Trans. (1969).
 - a. Purchase quantity required for Checker Motors production until October 1, 1969, of all 250 C.I.D. six-cylinder engines for automatic transmission.
 - b. Required to convert 1970 engines to 1969 engines until October 1, 1969.
 - c. Cannot be used for 1970 Model year production.

NOTE: This revision incorporated:
Models A-11, A-11E, A-12, A-12E, A-12W Chassis #95090.

ENGINEERING MEMO #256 (Cont'd.)

4. 1969 Spark Plug Wires

CHECKER PART NO.	NAME	GM PART NO.
701207	Wire A.-Cyl. #1 & #2	2988267
701168	Wire A.-Cyl. #3	2985805
701169	Wire A.-Cyl. #4	2985808
701170	Wire A.-Cyl. #5	2985812
701171	Wire A.-Cyl. #6	2985814
703458	Wire A.-Cyl. #3, A/C	2985884
703459	Wire A.-Cyl. #4, A/C	2986300
703460	Wire A.-Cyl. #5, A/C	2986301
703461	Wire A.-Cyl. #6, A/C	2986302

a. The above Spark Plug wires can only be used on 1969 Engines and must be balanced with engine no. 703262.

5. 1970 Spark Plug Wires

CHECKER PART NO.	NAME	GM PART NO.
703590	Wire A.-Cyl. #1 & #2, 6-Cyl.	6289087
703591	Wire A.-Cyl. #3, 6-Cyl.	6289088
703592	Wire A.-Cyl. #4, 6-Cyl.	6289089
703593	Wire A.-Cyl. #5, 6-Cyl.	6289090
703594	Wire A.-Cyl. #6, 6-Cyl.	6289091

a. The above 1970 Spark Plug Wires will be required on all 1970 engine part no. 703571 whether used as 1969 or 1970 Model year engines.

6. Generator brace and attaching parts.

CHECKER PART NO.	NAME	GM PART NO.
704433	Brace-Generator (Service Part #08066)	3838444
180080	Bolt-Hex.Hd. 5/16-18 x 1-1/8 (GM 280M)	
120214	Lockwasher - 5/16-18 Med. Spring	

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- (A) a. The above parts are supplied on the 1969 Engines, part no. 703262.
- (B) b. The above parts will be supplied in the 1970 Accessory Kit for the 1970 Engines, part no. 703528 and not on the engines.
- c. Therefore, sufficient generator braces and attaching parts (which are active Checker Motors standard parts) must be provided for the 1970 engines to be used before October 1, 1969.

- (C) 7. Additional parts affected for balance of 1969 Production only.

<u>CHECKER PART NO.</u>	<u>NAME</u>	<u>B OF M</u>	<u>REMARKS</u>
92869	Clip-"J" Type 1/4"	B	Increase Use Bal.of '69 6-Cyl.Auto.
120369	Nut-3/8 Hex.	B	Increase Use Bal.of '69 6-Cyl.Auto.
124925	Nut-3/8 Hex.Jam	B	Reduce Use Bal. of '69 6-Cyl.Auto.