

ENGINEERING MEMO #379

To: Memo Distribution  
From: R. E. Orwig  
Subject: 305 V-8 2BBL ENGINE RUNNING CHANGE

In order to be in accord with Chevrolet's running change No. 71-172 for Engine Family GM 710Y2, we must make carburetor and distributor changes. This change is being made to overcome surge and detonation problems.

The carburetor change will be made before the distributor change - because the old carburetor cannot be used with the new distributor. However, either carburetor can be used with the old distributor. Consequently, we plan to be using the new carburetors well in advance of receiving engines equipped with the new distributors. The reason for this is to be sure that we have no old carburetors on hand when the engines with the new distributors are received.

The new distributor setting will be 4° BTDC instead of the present 8° BTDC and when this change occurs, we must also use a new vehicle emission label part number 708075 -- THIS IS IMPORTANT! and should be audited carefully by foremen at the final assembly and by the final inspector.

Following are the parts affected:

ITEM	NAME	B/M	OLD PART NUMBER	NEW PART NUMBER	INT NEW FOR OLD	AVAIL AFTER CHG	REMARKS
1	CARB ASM-305 2BBL (W/O A/C)	B	705858	705917	YES	NO	RETURN TO VENDOR
2	CARB ASM-305 2BBL (WITH A/C)	B	705859	705918	YES	NO	RETURN TO VENDOR
3	LABEL-VEH EMIS CONT (305 FED)	B	708047	708075	NO	NO	SERV OR SCRAP