

CHEVROLET—CENTRAL OFFICE

DIVISION OF GENERAL MOTORS CORPORATION
DETROIT 2, MICHIGAN



TECHNICAL SERVICE BULLETIN

Technical Service Department



SUBJECT: CARBURETOR SERVICE PROCEDURES - 1961
CORVAIR AND CORVAIR "95" MODELS

BULLETIN NO. DR #482

SECTION VI_m

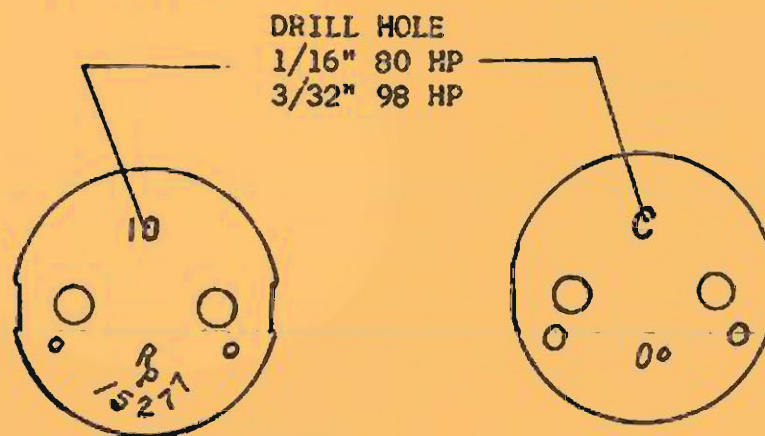
TO: ALL CHEVROLET SERVICE PERSONNEL

DATE June 1, 1961

ERRATIC IDLE

In the event erratic idle (periodic miss at approximately 5-second intervals) is experienced on 1961 Corvair or Corvair "95" models equipped with either the 80 HP or 98 HP engines, the condition may be corrected by proceeding as follows:

1. Check and adjust carburetor synchronization and fuel mixture as outlined in the 1961 Corvair Shop Manual, Page 9-4, Carburetor Synchronization. On Page 9-5, paragraph C, the clearance between fast idle speed screws and pad on throttle levers should be .045" for both transmissions.
2. If a smooth idle is still not obtainable, remove both carburetors and drill a small hole in each throttle plate 1/4" from the edge of throttle plate in the vicinity of carburetor idle bleed passage. The hole position should be as illustrated in the attached sketch:



ROCHESTER THROTTLE PLATE BAY CITY THROTTLE PLATE

For Rochester carburetors, the hole should be at the midpoint of the left leg of zero "0" stamped in the throttle plate; for Bay City carburetors, it should be in the top center of the "C".

- (a) Lightly center punch and drill each throttle plate from the bottom side: 1/16" (.063) diameter for the 80 HP and 3/32" (.093) diameter for the 98 HP. Do not remove throttle plate for this operation.

(b) Clean burrs from around the drilled hole and blow out throttle bore with compressed air.

3. Reinstall carburetors, recheck synchronization and fuel mixture adjustments.

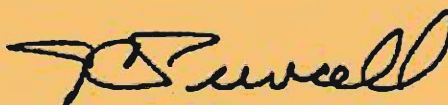
Drilling of throttle plate is a field service correction; revisions in calibration are under investigation for Production.

IDLE SPEED ADJUSTMENTS

Below are listed the recommended idle speeds for Corvair engines.

	<u>CARS WITHOUT AIR CONDITIONING EQUIPMENT</u>	<u>CARS WITH AIR CONDITIONING EQUIPMENT*</u>
<u>Base Engine (80 HP)</u>		
3 or 4 Speed Transmission	500 RPM	650 RPM
Powerglide (In "Drive")	500 RPM	650 RPM
<u>RPO 659 High Performance Engine (98 HP)</u>		
3 or 4 Speed Transmission	600 RPM	650 RPM
Powerglide (In "Drive")	500 RPM	650 RPM

* When setting idle speed, the air conditioning should be turned off.



Director, Technical Service Department

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