



# SERVICE BULLETIN



SERVICE DEPARTMENT... CHRYSLER-PLYMOUTH DIVISION  
CHRYSLER MOTORS CORPORATION

TECHNICAL INFORMATION ON ☐ IMPERIAL ☐ CHRYSLER ☐ PLYMOUTH ☒ VALIANT

December 12, 1962

No. 63-36

An improvement has been made in the Bendix Stromberg choke assembly on the 1963 model Valiant single bore carburetor used on automatic transmission equipped engines.

If cold engine starting difficulty is experienced, it is recommended that the choke operation be investigated.

When the choke unit heats up during highway driving, the coil rotates away from the choke rod and moves down into the choke pocket on the exhaust manifold. When the choke coil cools down, the end may catch on the surface of the choke pocket and prevents the choke valve from closing. See sketch No. 1.

If the choke closes part way or all the way, the choke coil is functioning properly. If the choke does not close at all when cold and the choke valve moves freely by hand, the choke coil is probably caught in the choke pocket. A further indication of this is a "twanging" noise of the choke coil being released when the choke unit is unbolted and removed from the exhaust manifold.

When this condition is encountered it is recommended that the original choke assembly be replaced with the new Choke Assembly, Part No. 2463271. See sketch No. 2.

As an emergency correction, it may be possible to provide temporary relief by reforming the choke coil spring as shown in sketch No. 3. However, the new revised Choke Assembly, Part No. 2463271, should be installed when available.

*J. W. Farley*  
J. W. FARLEY

Manager-Service  
CHRYSLER-PLYMOUTH DIVISION

(Over)

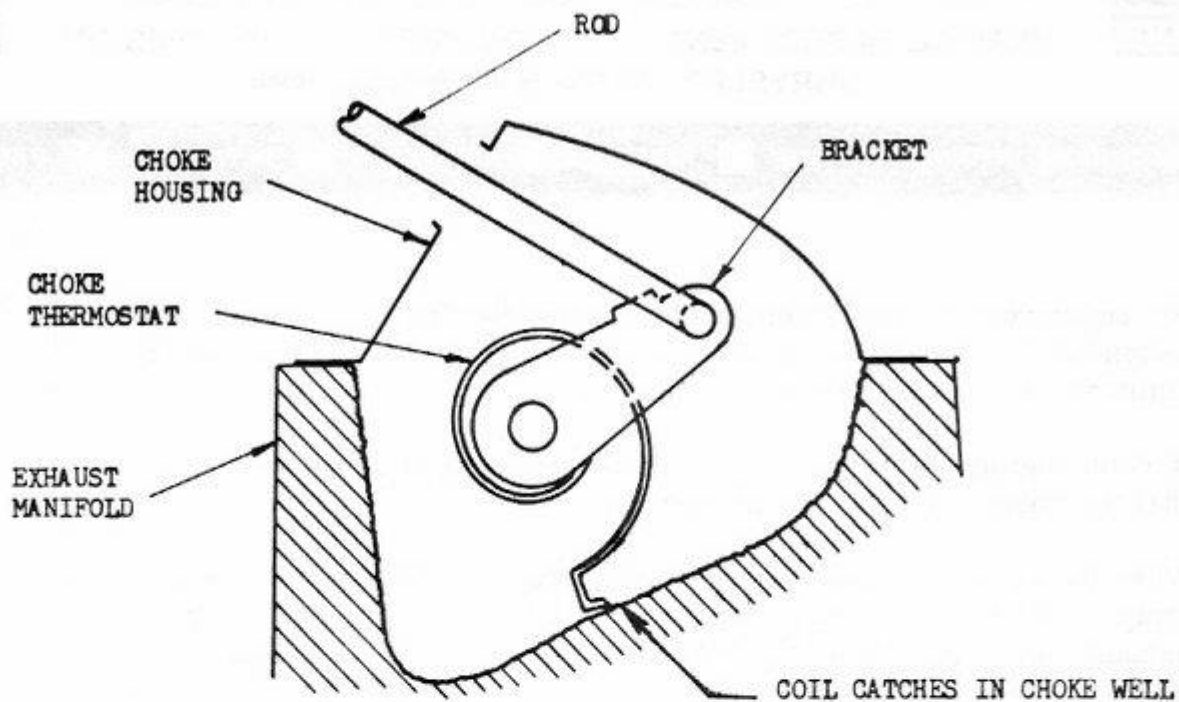
## FUEL

CHOKE  
ASSEMBLY  
ON  
BENDIX  
CARBURETOR  
W-3-219

1963  
MODEL  
VALIANT  
ENGINES  
EQUIPPED  
WITH  
AUTOMATIC  
TRANSMISSION

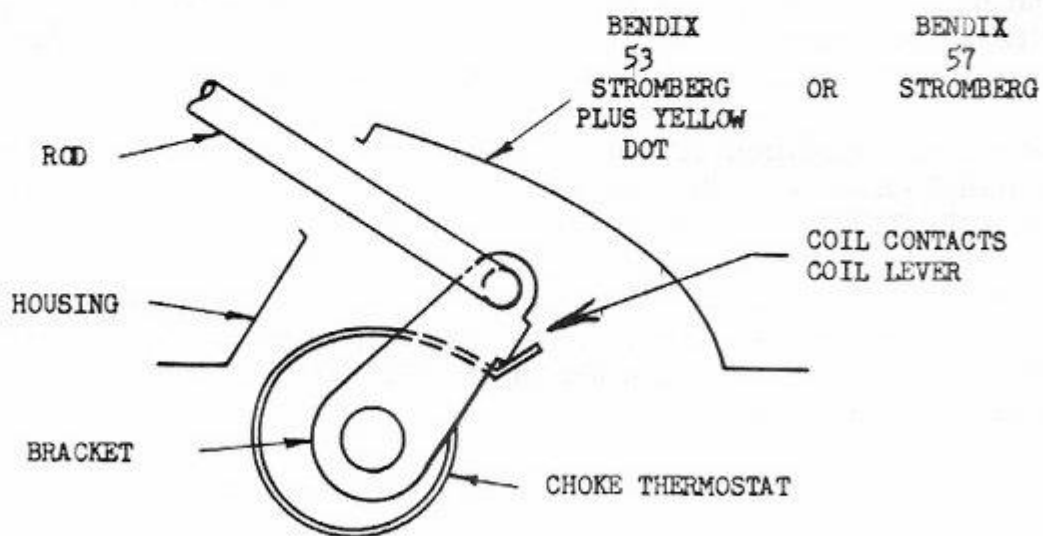
P-5035-C

Service Mgr.	
Shop Foreman	
Technicians	
Parts Mgr.	
Partsmen	



SKETCH 1

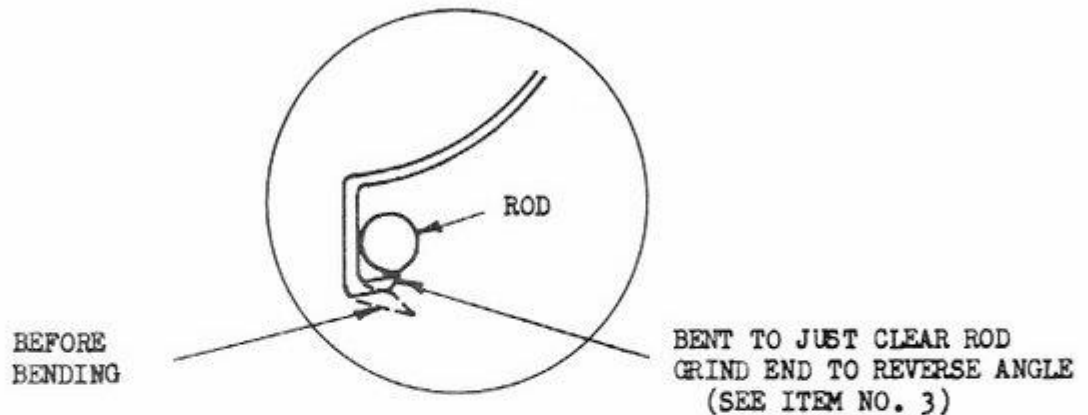
CHOKER COIL IN STUCK POSITION



NEW CHOKER UNIT 2463271  
MODIFIED TO PREVENT COIL STICKING

SKETCH 2

### CHOKE THERMOSTAT HOOK



### INSTRUCTIONS FOR EMERGENCY

#### REWORK OF EXISTING CHOKE UNITS 2402529

- 1 - Note index mark on disc - file deeper if necessary to make more visible.
- 2 - Loosen coil adjusting lock nut and rotate coil so free end hangs down.
- 3 - Bend hooked end of coil inward as far as possible without having the bent end hit the choke rod. Grind tip to give chamfer in opposite direction.
- 4 - Turn the index disc until the notch is opposite the 2 notch rich mark and tighten the lock nut.