

CHEVROLET—CENTRAL OFFICE

DIVISION OF GENERAL MOTORS CORPORATION
DETROIT 2, MICHIGAN

TECHNICAL SERVICE BULLETIN

Technical Service Department



SUBJECT: 1961 CORVAIR FUEL PUMP AND PUSH ROD

BULLETIN NO. DR # 458

SECTION VIIm

TO: ALL CHEVROLET DEALERS

DATE December 13, 1960

Three separate fuel pump and push rod combinations have been used in Production on 1961 Corvaire Passenger and Corvaire "95" Models.

The latest design fuel pump and push rod incorporate features for quieter operation and a shorter stroke to prevent over-stressing of the fuel pump diaphragm. The pump may be identified by the number 5594886 stamped on the cover as shown in the illustration on Page 2. The new push rod can be identified by the black oxide coating on the spring guide.

The same push rod return spring has been used throughout 1961 Production; however, on the late design push rod, it must be installed from the Teflon seat end with the small diameter of the spring against the seat. This is also shown in the illustration.

DUE TO DIMENSIONAL CHANGES, FUEL PUMPS AND PUSH RODS ARE NOT INTERCHANGEABLE. IF ANY FAILURE OCCURS INVOLVING REPLACEMENT OF THE FUEL PUMP AND/OR PUSH ROD ON UNITS PRODUCED PRIOR TO THE FOLLOWING SERIAL NUMBERS, THEN BOTH FUEL PUMP AND PUSH ROD ASSEMBLY SHOULD BE REPLACED.

When new fuel pump and push rod are installed, the following procedure should be used to prevent the possibility of failure of the replacement pump.

Insert a straightened out paper clip or wire through vent hole in top of fuel pump cover and measure distance between cover and diaphragm. If distance measures less than 15/16", it is possible pump rod is not properly seated on Teflon seat of engine push rod. Fuel pump should be removed and installation corrected. Mismatch of the fuel pump and push rod will result in no pump action or an interference which could damage the crankshaft eccentric cam or tear the fuel pump diaphragm.

The latest design fuel pump and push rod entered Production at the following listed serial numbers:

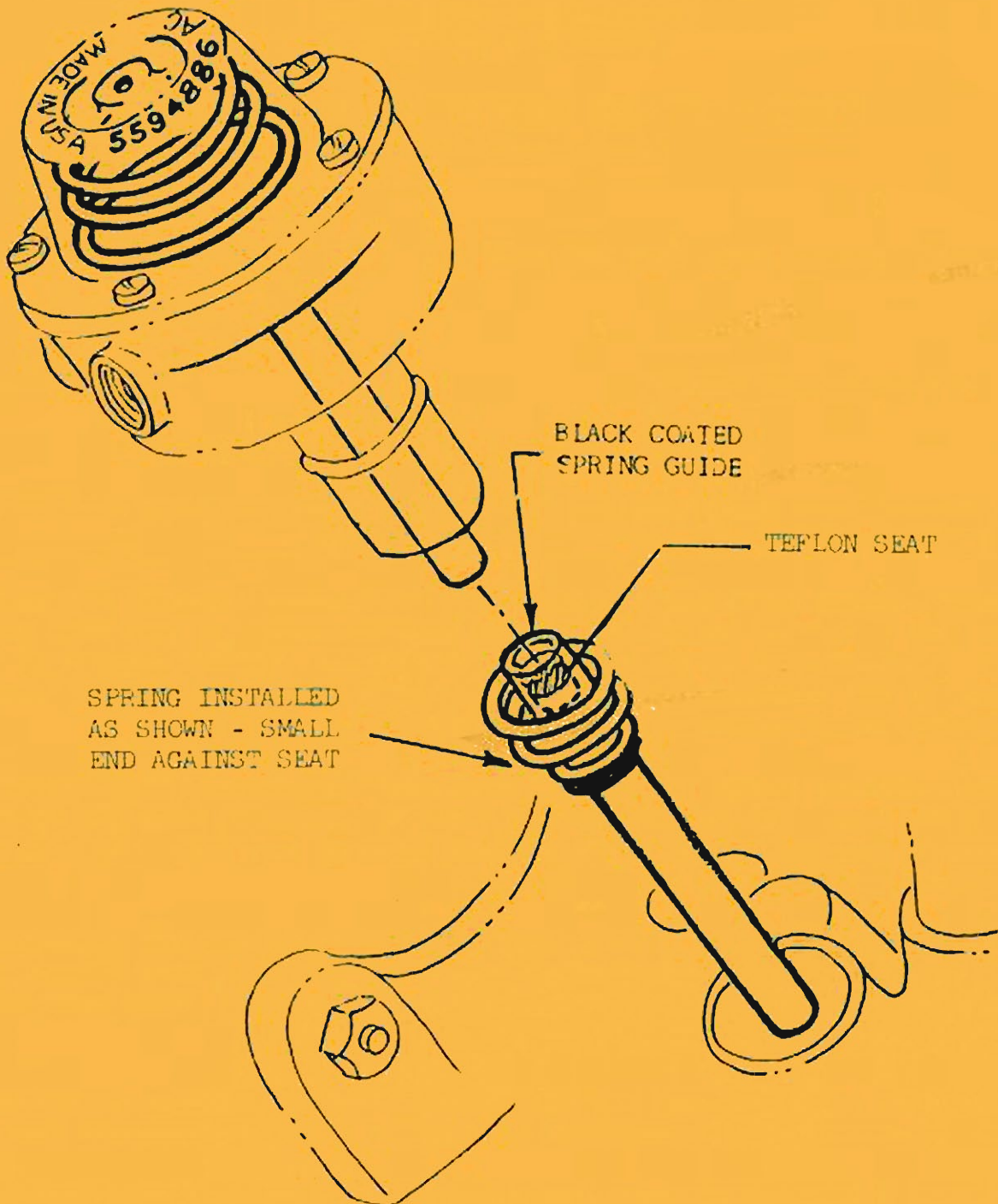
F - 102791

K - 106520

W - 141650

O - 108789

S - 107361



PARTS DATA

PART NO.

DESCRIPTION

3797723

Fuel Pump & Push Rod Kit

Fuel Pump and Push Rod Kit will be shipped for a limited period by G.M.P.D. Warehouses in place of regular service Fuel Pump Part #5621704 to provide dealers with properly matched parts for 1961 model Corvairs. Fuel Pump #5621704 currently in dealers stock can be used on 1960 model Corvairs without replacing the Push Rod used in 1960 model engines.

Director, Technical Service Department