

**Original '53-'55 6.V
Stop Light Switch**

Notice the wiper coordinator in this G.M. service picture that was a car option only "as many people think."

Fuel Injection Article Cont.

INSTALLATION OF FUEL INJECTION UNIT ON ENGINE

Prior to reinstalling the Fuel Injection unit on the engine, it is good practice to perform the fuel flow check described earlier and illustrated in figure 120 to check that fuel lines have been properly reinstalled.

1. Remove masking tape sealing intake ports in adapter plate, position Fuel Injection and adapter gasket on adapter plate, and secure with eight nuts and lockwashers. Tighten nuts evenly in a criss-cross pattern to 15 ft.-lbs.

2. Connect distributor spark control pipe (fig. 166) into 45-degree fitting in air meter, then tighten fitting at distributor end of pipe.

3. Attach electrical connector for starting cut-off switch and cold enrichment coil into wiring harness connector on dash.

4. Install accelerator and transmission TV rod swivels into throttle bellcrank on intake manifold. If necessary, adjust swivel position to permit free entry into holes in bellcrank levers. Check for full throttle and TV travel by holding the accelerator in the "wide-open" position. Readjust rod swivel positions as required.

5. Install air cleaner as described under "Maintenance and Adjustments."

6. Install fuel line into fitting on fuel meter.

7. Install fuel injection pump drive cable as follows:

7. a. Carefully pull the fuel pump drive shaft from its housing being careful not to lose the small fiber washer located at the distributor end of the shaft between the thrust bearing and the shaft housing. Examine the thrust bearing to insure that it is held securely on the shaft and the dimension from the end of the shaft to nearest face of the bearing is $17/32$ " as shown earlier in figure 142.

7. b. Prealign the fuel injection pump and distributor driveline members by inserting one end of the shaft into the fuel pump, then rotate the shaft to engage the other end in the distributor drive socket.

7. c. Carefully disengage shaft from both distributor and pump without rotating shaft. Reinstall fiber washer in distributor end of shaft housing and install shaft in housing.

7. d. Slide drive shaft assembly into position at fuel pump and carefully engage shaft in fuel pump driven member. Do not rotate shaft once it is engaged.

7. e. Engage shaft at distributor end and hold shaft housing firmly while tightening retaining nut to secure installation. This nut should be tightened to approximately 10 ft.-lbs.

8. Adjust idle speed and mixture as described previously in "Maintenance and Adjustments." This completes the installation of fuel injection.

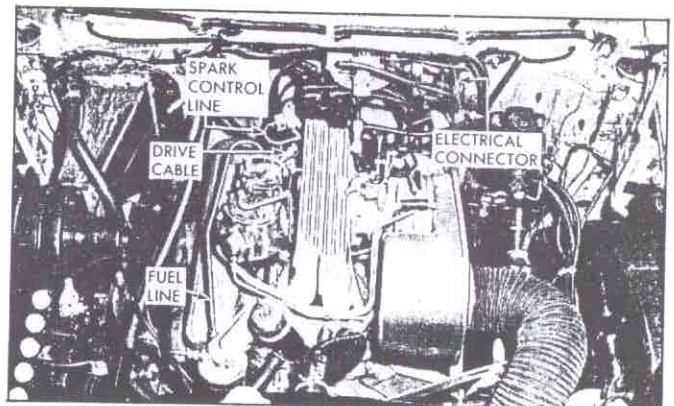


Fig. 166—Fuel Injection Installed on Engine