

NUMBER: 81-28

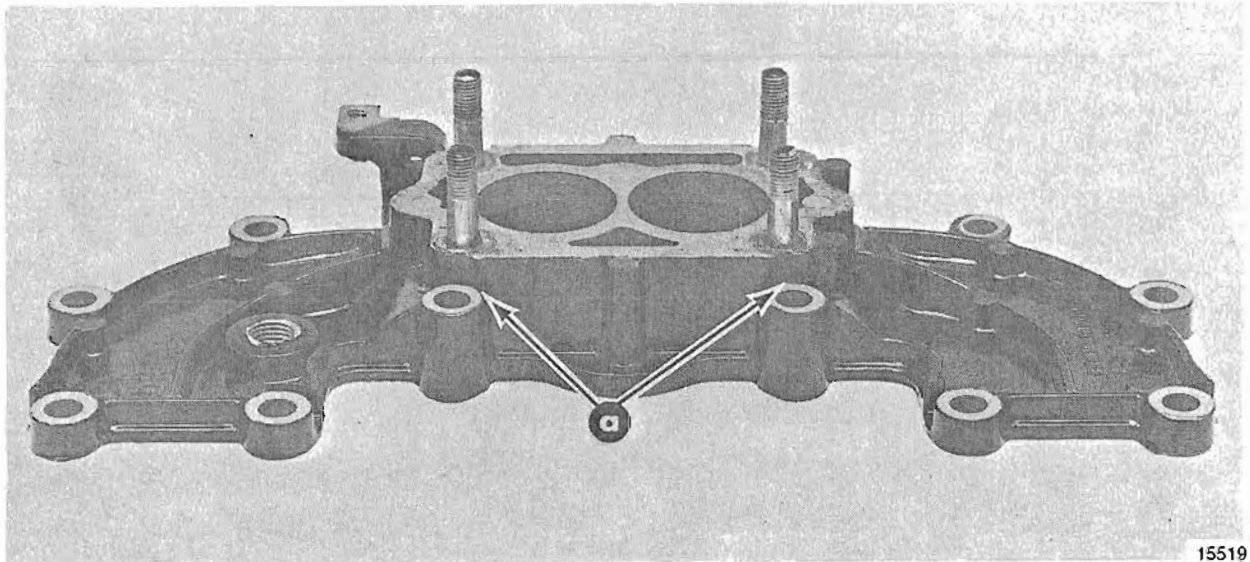
DATE: 11/3/81

- A. Vacuum Leak - MCM 120 Engine
- B. Ignition Miss or No Run Condition on Thunderbolt IV Ignition-System - MIE 230/260/340 Engines
- C. Incorrect Alternator Stator Part Numbers on Service Bulletin 81-15

CIRCULATE TO:
SERVICE MANAGER
PARTS MANAGER
MECHANICS

A. VACUUM LEAK - MCM 120 Engine

If a MCM 120 has a poor idling condition and a vacuum leak is suspected, inspect the Intake Manifold - Cover (Part No. 62575) for possible cracks at locations shown in Figure 1. If cracks are found, replace the cover and use 4 new carburetor Mounting Studs, Part No. 16-70236. Apply Loctite Type "A" to stud threads before installing into new Intake Manifold Cover. MCM 120 Serial No. 6029199 and above have the new studs already installed.



a - Possible Crack(s)

Figure 1. Intake Manifold Cover

Parts required to change Intake Manifold Cover:

- | | | | |
|--------------|---------------------------|--------------|-----------------------------|
| (1) 62575 | Cover, Intake Manifold | (1) 27-35898 | Gasket, Cover to Manifold |
| (4) 16-70236 | Stud, Carburetor Mounting | (1) 27-64692 | Gasket, Carburetor to Cover |

B. IGNITION MISS OR NO RUN CONDITION ON THUNDERBOLT IV IGNITION SYSTEM -MIE 230/260/340 ENGINES

If the above mentioned condition is experienced on a Thunderbolt IV Ignition System, inspect the ignition sensor (located inside distributor). Remove distributor cap and sensor wheel/rotor assembly. Use a good magnifying glass and light and inspect the two metal "jumper leads" for cracks. (Figure 2). If cracks in either metal jumper lead is found, order new ignition sensor. Follow instructions in Service Bulletin 81-22 for removal and installation of sensor wheel/rotor assembly.

(1) 87-91019A2 Ignition Sensor

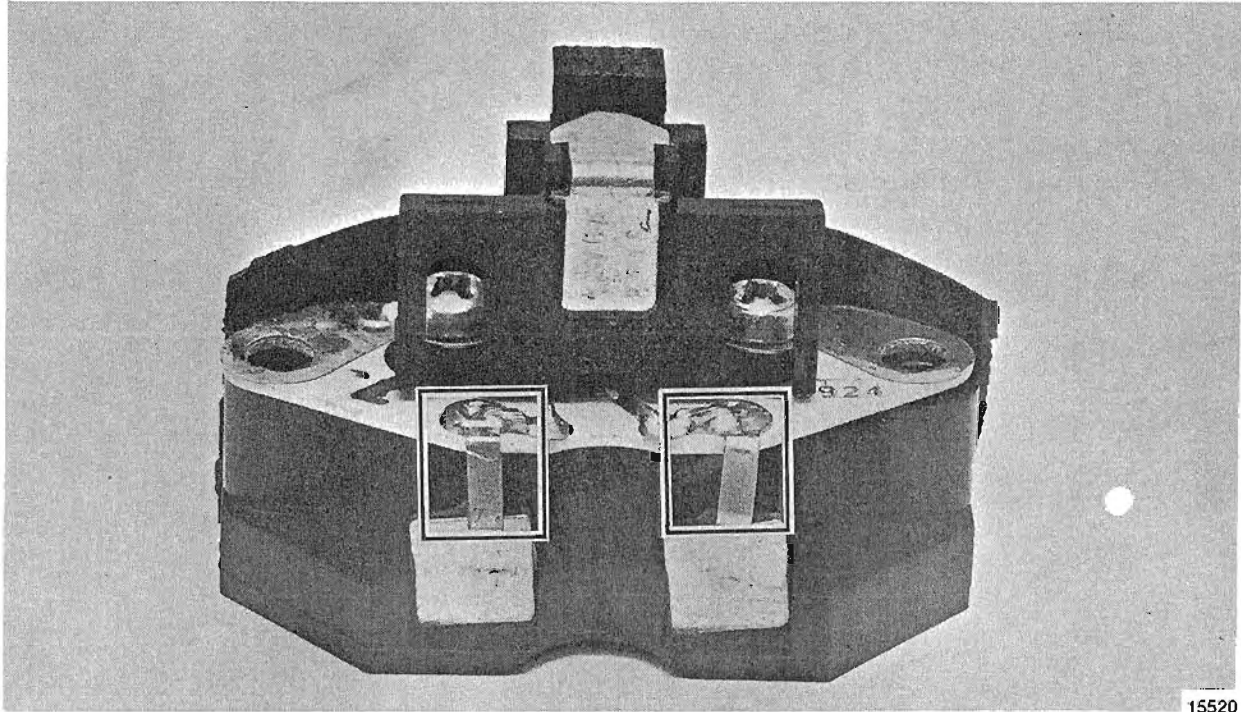


Figure 2. Location of Cracks in Metal Jumper Leads on Ignition Sensor

C. INCORRECT ALTERNATOR STATOR PART NUMBERS ON SERVICE BULLETIN 81-15

Please correct the alternator stator part numbers on Service Bulletin 81-15 as shown below:

<u>Incorrect Part No.</u>	<u>Correct Part No.</u>
398-3631A2	398-6231A2
398-3631A5	398-6231A5
398-3631A6	398-6231A6