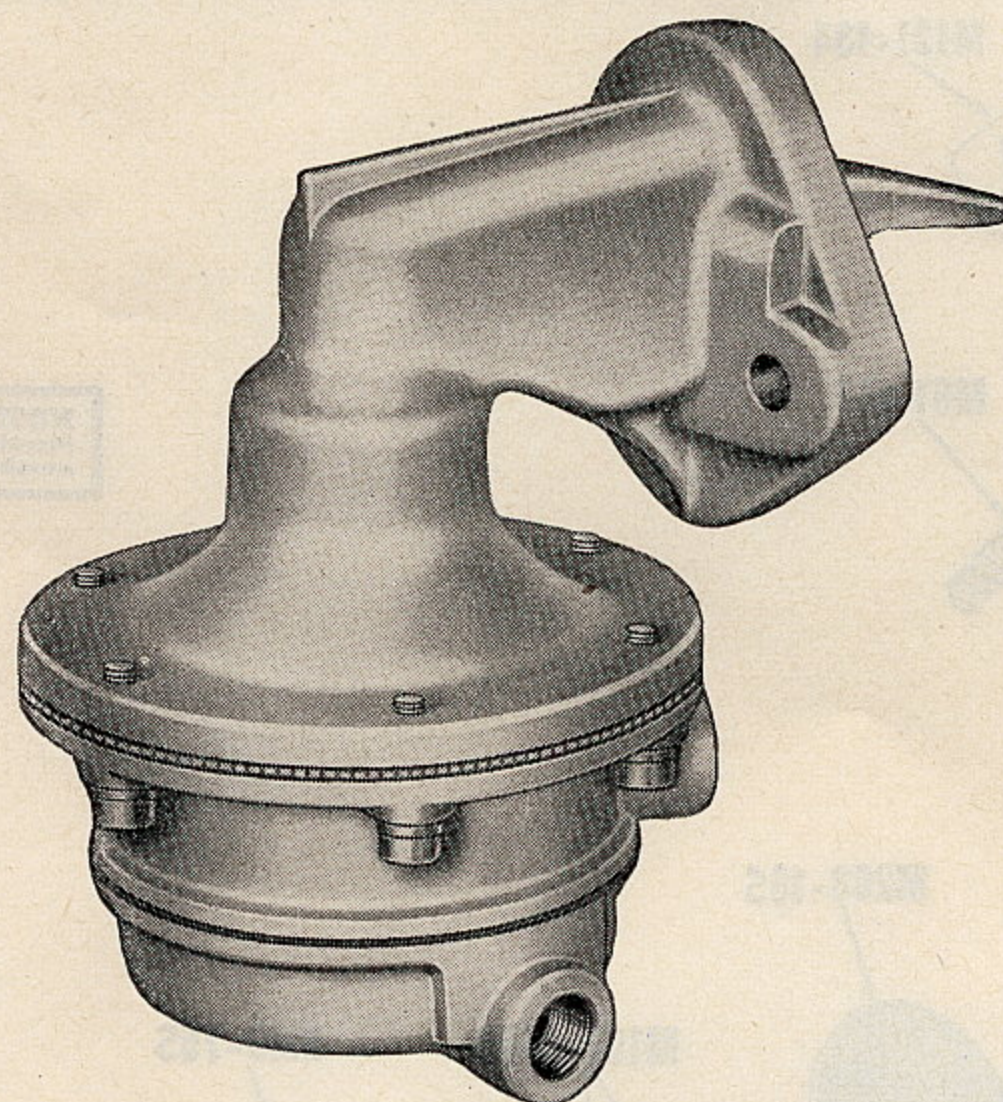


Mechanical Fuel Pump

**KAISER-
FRAZER
"HENRY J"
MODEL K 514
6 Cyl.
1951**

MECHANICAL FUEL PUMP—No. **M807S**—LIST PRICE \$7.00

A \$1.65 exchange allowance is deducted from list price if buyer turns in old pump.

FUEL PUMP TESTS

On Engine:

1. Volume test; one quart of fuel in one minute or less at 500 RPM engine speed.
2. Vacuum test; at least ten inches (10") Hg. (vacuum) at 500 RPM engine speed.
3. Pressure test; three and one-half pounds (3½ lbs.), P.S.I. pressure minimum to five and one-fourth pounds (5¼ lbs.) P.S.I. maximum at 500 RPM engine speed.

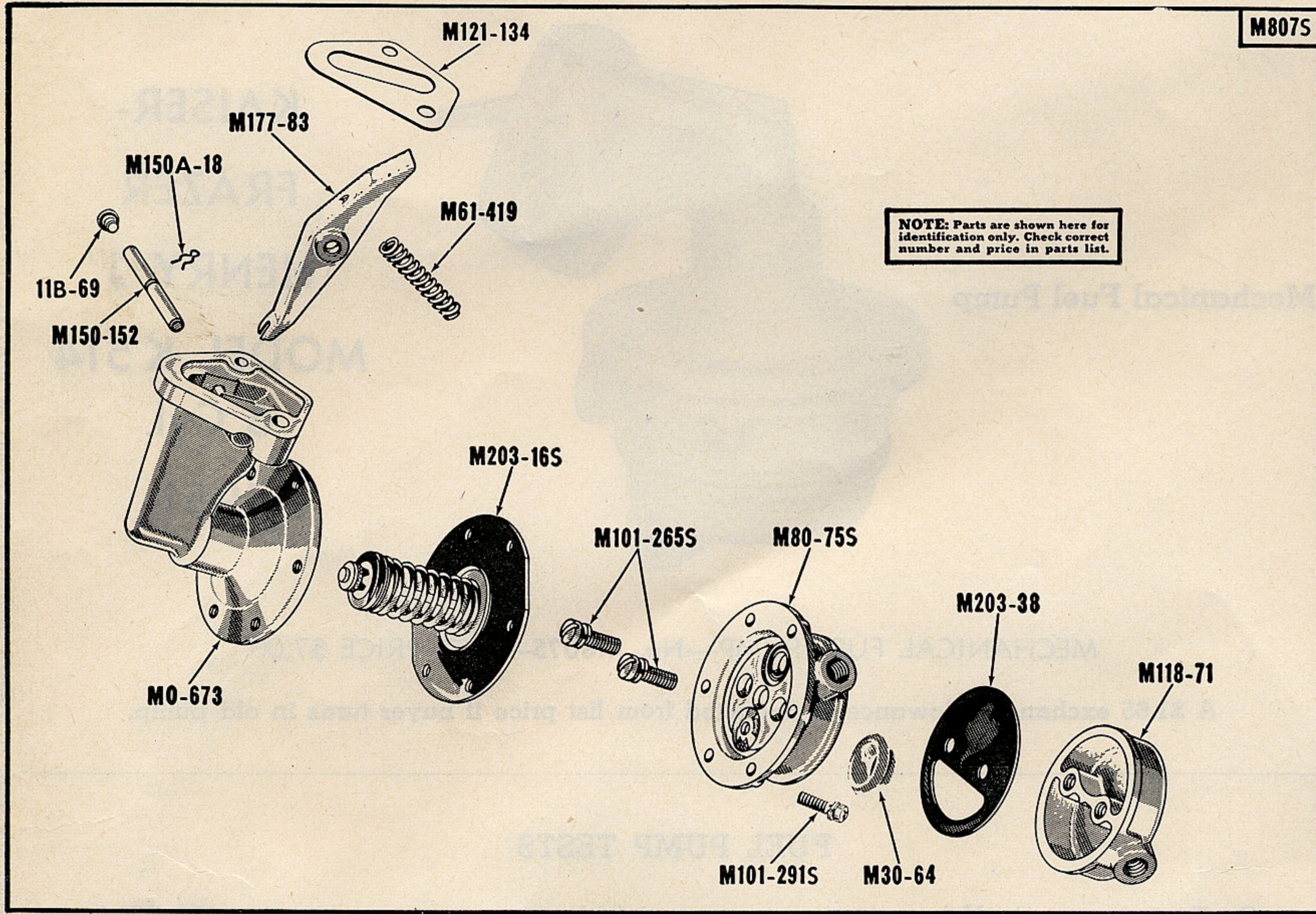
Test number three should be made with a pressure gauge connected to a "T" fitting at the carburetor. The length of the hose on the pressure gauge should not exceed six inches (6"). Inaccurate pressure readings may result if a longer hose is used between the "T" connection and the pressure gauge.

Bench Test:

1. Clamp pump in a vise.
If vise jaws have serrations, use brass shims to protect gasket surface of pump flange.
2. Hook up a mercury manometer or suitable vacuum gauge to intake side of pump.
3. With Carter Tool No. T109-192, actuate pump lever full stroke at approximately 60 strokes per minute.
The pump should pull at least 10" of mercury.

The M807S mechanical fuel pump will deliver twenty-five gallons (25) per hour at 1,000 RPM engine speed.

ADD 5% TO LIST PRICE OF PUMPS AND EFFECTIVE OCTOBER 1, 1948, ADD 20% TO ALL OTHER PRICES SHOWN WITH FRACTIONAL ADJUSTMENT TO NEAREST EVEN CENT.



M807S — MECHANICAL FUEL PUMP — LIST PRICE \$7.00

Part No.	Part Name	List Price
MO-673	—Pump body.....	\$2.00
11B-69	Cam lever pin plug.....	.02
M30-64	Strainer.....	.15
M61-419	—Cam lever return spring.....	.10
M80-75S	—Pump valve housing assembly.....	3.00
M101-265S	Valve housing cover attaching screw and washer assembly.....	(2) .05
M101-291S	Valve housing attaching screw and washer assembly (Sup. by M101-303S).....	(6)
M101-303S	Valve housing attaching screw and washer assembly.....	(6) .06
M118-71	Valve housing cover.....	.75
M121-134	Flange gasket.....	.05
M150-152	Cam lever pin.....	.10
M150A-18	Cam lever pin retainer.....	.01
M177-83	—Cam lever.....	.75
M203-16S	Diaphragm assembly.....	2.00
M203-38	Outlet airdome diaphragm.....	.30

—Parts so marked are new and listed for first time.

NOTE: Small figures in parentheses, preceding list price indicate number of pieces used in one fuel pump. Where no figure is shown, only one is used.