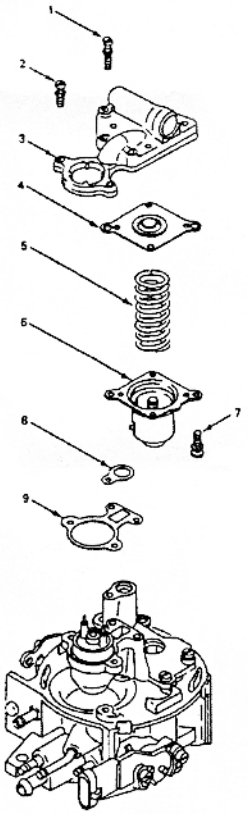
INSTRUCTION SHEET
FUEL PRESSURE REGULATOR DIAPHRAGM REPLACEMENT
ROCHESTER T.B.I. MODELS 300 AND 500

GENERAL EXPLODED VIEW



REF. NO.	NOMENCLATURE
1.	SCREW & LOCKWASHER (3)-FUEL METER COVER (LONG)
2.	SCREW & LOCKWASHER (2)-FUEL METER COVER (SHORT)
3.	FUEL METER COVER & REGULATOR ASSY.
4.	DIAPHRAGM ASSY - PRESSURE REGULATOR
5.	SPRING-DIAPHRAGM
6.	COVER - SPRING & DIAPHRAGM
7.	SCREW & LOCKWASHER (4)-DIAPHRAGM COVER
8.	GASKET-FUEL OUTLET PASSAGE
9.	GASKET-FUEL METER COVER

CAUTION NOTES

MODEL 300 AND 500, THE ESSENTIAL DIFFERENCE IS THAT THE TPS AND THROTTLE LEVER ARE ON OPPOSITE SIDES.

TO REDUCE THE RISK OF FIRE, IT IS NECESSARY TO RELIEVE FUEL SYSTEM PRESSURE BEFORE DISCONNECTING FUEL LINES. TO DO THIS REMOVE FUSE MARKED "FUEL PUMP" FROM FUSE BLOCK. CRANK ENGINE AND RUN UNTIL FUEL SUPPLY IN FUEL LINE IS EXHAUSTED. WHEN ENGINE STOPS ENGAGE STARTER FOR 3 SECONDS MORE TO ASSURE DISSIPATION OF ANY REMAINING PRESSURE.

SPECIAL DISASSEMBLY NOTES

FUEL METER COVER & REGULATOR ASSY. (3)-TO DISASSEMBLE FOLLOW THIS PROCEDURE BECAUSE OF THE LARGE SPRING UNDER HEAVY TENSION. ACCIDENTAL RELEASE COULD CAUSE INJURY. REMOVE 2 DIAPHRAGM COVER SCREWS (4) ACROSS FROM EACH OTHER, THEN REINSTALL THEM FOR 3 TURNS. CAREFULLY REMOVE THE OTHER 2 SCREWS EVENLY TO RELEASE THE SPRING TENSION. HOLDING COVER AND HOUSING REMOVE ALL SCREWS.

REASSEMBLY

REASSEMBLE IN REVERSE ORDER OF DISASSEMBLY. NOTE SPECIAL INSTRUCTIONS.

SCREW & LOCKWASHER (1), (2), INSTALLATION SCREWS FREE FROM OIL AND GREASE. USE AN ANAEROBIC THREAD LOCKING COMPOUND (SUCH AS LOCTITE 262 OR EQUIVALENT) APPLY COMPOUND TO THE FIRST 3 THREADS OF EACH SCREW. ANAEROBICS CURE AFTER THE COMPONENTS ARE ASSEMBLED. DO NOT APPLY A HIGHER STRENGTH THREAD LOCKING COMPOUND THAN RECOMMENDED.

FUEL METER COVER SCREWS (1), (2)-TORQUE TO 28 INCH LBS.

PRESSURE REGULATOR - INSTALL GUIDE STUDS ACROSS FROM EACH OTHER. ASSEMBLE DIAPHRAGM, SPRING, AND COVER. COMPRESS SPRING AND INSTALL 2 SCREWS SNUGLY, REMOVE STUDS AND INSTALL REMAINING SCREWS. TIGHTEN SCREWS DOWN EVENLY.

USE VEHICLE MANUFACTURER'S SERVICE MANUALS FOR "ON VEHICLE SERVICE AND ADJUSTMENTS."