

PRODUCT BULLETIN

PB NO.104
REV. 0

Subject: Intake Jet Ram Manifold and Impco Carburetor Conversion Superior 6G825-8G825 Engine.

- PROBLEM:
1. Inability to locate replacement parts for the old style Ensign carburetors and regulators.
 2. Engine hard to start.
 3. Engine backfire at start-up and under loaded conditions.
 4. Need additional engine horsepower.

If you have experienced any of the above listed problems you may want to consider updating your old style G825 Superior engine with the installation of an Intake Jet Ram Manifold and Impco Carburetor Conversion kit. The new style one piece intake manifold and single Impco 600 D carburetor provides more reliable starting capabilities and eliminate engine backfiring which could cause internal damage to your engine. If your engine is equipped with (10:1) compression ratio pistons you could also realize a 20% increase in engine horsepower depending on the BTU of your fuel gas.

The kit includes an intake manifold air induction manifold, air butterflies, Impco 600 D carburetor, linkage control shaft with mounting brackets and all of the required hardware and gaskets. An illustration of the major components is attached. The governor is not included in the kit but can be furnished as an additional item.

The kit part numbers are listed below.

<u>Kit Part Number</u>	<u>Description</u>
P-027-191	Kit for 6G825 engine with mechanical governor
P-027-192	Kit for 6G825 with Woodward governor
P-027-193	Kit for 8G825 with mechanical governor
P-027-194	Kit for 8G825 with Woodward governor

With the installation of the new Ram Manifold Kit you will also need either the engine mounted air cleaner kit or the remote mounted air cleaner. The following is a list of the dry type or oil bath air cleaner kits.

<u>Kit Part Number</u>	<u>Description</u>
P-027-195	Engine mounted oil bath air cleaners for the 6G825 engine.
P-027-196	Engine mounted dry type air cleaners for the 6G825 engine.
P-027-197	Engine mounted oil bath air cleaners for the 8G825 engine.
P-027-198	Engine mounted dry type air cleaners for the 8G825 engine.
P-006-029	Remote mounted oil bath air cleaner for the 6G825 and 8G825 engine.

For additional information, price and availability on these complete kits, please contact your local **PowerParts**[®] Distributor or **EnDyn's** Sales Department direct.

9-20-88

