



## INSTALLATION INSTRUCTIONS FOR PORSCHE 912 DUAL EMPI HPMX & IDF KITS

This kit is designed to replace the stock Solex carburetors while keeping most of the stock components in place, thus greatly simplifying and reducing installation time and labor.

### PARTS SUPPLIED WITH KIT:

- 1- Gasket set
- 1- Hardware kit
- 2- Carburetors
- 2- Carburetor adapter plates
- 2- Carburetor linkage arms
- 2- Air filter assemblies

### DISASSEMBLY OF STOCK COMPONENTS

1. Disconnect the battery.
2. Remove the stock air filter assemblies.
3. Disconnect the fuel lines from the carburetors and plug to prevent leakage.
4. Disconnect the linkage rods at the carburetor arms.
5. Unbolt and remove the stock carburetors from the intake manifolds.
6. Insert clean rags into the manifolds to prevent dirt and debris from entering the engine
7. Remove the carburetor mounting studs from the manifolds and thoroughly clean the manifold sealing surfaces of all old gasket material.

### INSTALLATION OF KIT COMPONENTS

1. Install linkage arms in kit onto the carburetor shafts as shown in figure 1. Note that the carburetors are universal, left / right are determined by the application of the linkage arms. Once you have mounted the linkage arms observe the application side and determine if the fuel inlet fitting is facing the correct direction, swap fitting location if necessary.
2. Install M8 x 31 studs into the carburetor adapter plates with the studs protruding out of the side of the plate with the counter sunk mounting holes.
3. Place gaskets from kit on the manifolds and install the adapter plates onto the manifolds using the M8 x 16 cap screws in the kit. Alternately tighten the screws for proper sealing.
4. Place the gaskets from the kit on the adapter plates, remove the rags from the manifolds and install the carburetors. Use the m8 wave washers and nuts from the kit and alternately tighten to 12-14ft lbs.
5. Connect the linkage rods to the carburetor arms and check for free movement through out the entire range of motion. If there is any indication of sticking or binding, correct as necessary before proceeding.
6. Connect the fuel lines to the carburetors.
7. Reconnect the battery, start engine and check for vacuum and fuel leaks. Correct if necessary.
8. Bring engine up to operating temperature, synchronize and adjust the idle mixture and the idle speed screws.
9. Install the air filters.

Figure 1

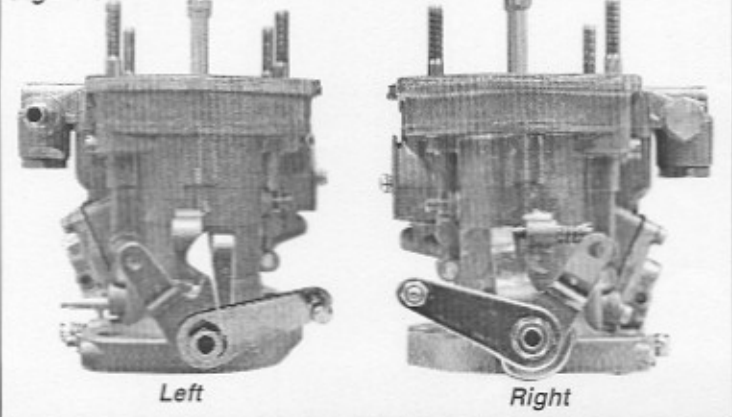


Figure 2

