

## 18 / C



**EXPLODED VIEW: FUEL SYSTEM 2.4L 45KW EMSN****DRAWING #:0H4988****GROUP E****APPLICABLE TO:**

ITEM	PART#	QTY.	DESCRIPTION
1	026490	2	NIPPLE PIPE 3/4 NPT X 2
2	075580	1	FLANGE FUEL INLET
3	0F6390P	1	REGULATOR ASSY 2.4L 45KW EMSN
4	039253	2	SCREW HHC M8-1.25 X 20 G8.8
5	022145	2	WASHER FLAT 5/16-M8 ZINC
6	022129	2	WASHER LOCK M8-5/16
7	045771	2	NUT HEX M8-1.25 G8 CLEAR ZINC
8	040173	2	CLAMP HOSE #5.5 .62-.62
9	0E8286	1	STREET EL 45D 1/2 NPT BRASS
10	026812	2	ELBOW 90D 3/4 NPT
11	0F8379	1	NIPPLE PIPE 3/4 NPT X 7
12	0F6155	1	HARNESS CPL FUEL JUMPER
13	057823	2	CLAMP HOSE #10 .56 - 1.06
14	059057	1	HOSE 3/4 ID SAE-30R2 (16" LG)
15	047527	1	BARBED STR 1/2 NPT X 3/4
16	0D1509	1	DECAL INLET PRESSURE
17	050279	1	DECAL FUEL INLET NG (NATURAL GAS APPLICATION)
18	0F2119	1	O-RING 45.63 ID X 2.62 WIDTH
19	0E6586	1	GASKET BOSCH 32
20	0E4394	1	ACTUATOR BOSCH 40, GOVERNOR
21	0K9704	1	HOSE COOLING 2IN ID 20R4 (2IN)
22	0G4573B	1	MIXER ACTUATOR 40MM MACHINED
23	0F7790E	1	VENTURI THROTTLE 26MM
24	0E7121	1	O-RING 47.625 ID X 2.38 WIDTH
25	047290	1	HOSE 3/8 ID SINGLE BRAID (18" LG)
26	022097	4	WASHER LOCK M6-1/4
27	046580	4	SCREW SHC M6-1.0 X 45 G12.9
28	035685	2	CLAMP HOSE #28 1.32-2.25

**RECONFIGURING THE FUEL SYSTEM**

**Note:** All models are configured to run on natural gas from the factory.

To reconfigure the fuel system from NG to LP, follow these steps:

1. Turn the main gas supply off.
2. Remove the carburetor fuel hose from the outlet port of the demand regulator (See Detail "A").
3. Disconnect the power wires from the fuel solenoid located on top of the regulator assembly.
4. Loosen the spring clamp on the small fuel enrichment line and remove the hose from the hose barb.
5. Remove the black pipe assembly from the outlet port of the demand regulator.
6. Remove the NG fuel jet (loosen counter clockwise) from the outlet port.
7. Remove the LP fuel jet (loosen counter clockwise) from the jet keeper port on the side of the regulator housing. Install this jet into the outlet port in the regulator casting.

**Note:** The jet sizes are stamped on the individual jets. The larger jet size is used for running on NG.

8. Install the previously removed NG jet into the jet keeper port on the side of the regulator housing.
9. Install the previously removed black iron pipe onto the outlet port of the demand regulator.
10. Reverse steps 1-4 in this procedure to reactivate the demand regulator.
11. For LP vapor application substitute LPG fuel inlet decal p/n 050280 for NG fuel inlet decal p/n 050279 (Item 17).
12. When switching fuel types, the proper dip switch settings must be made to the control panel. See owners manual, fuel section, for more details.