

FPG18FB MANUAL OIL RETURN KIT (826-1517)

INSTALLATION INSTRUCTIONS

1. DISCONNECT UNIT FROM THE ELECTRICAL POWER SUPPLY.
 2. REMOVE THE CONTROL PANEL AND FRAME ASSEMBLY.
 3. DISASSEMBLE AND REMOVE THE OIL RETURN PLUMBING FROM THE UNIT.
 4. REMOVE THE SOLENOID WIRING BY CUTTING THE WIRES LOOSE FROM THE EXISTING PURPLE BOMB-TAIL CONNECTORS.
- NOTE: FOR ALL PIPING CONNECTIONS THAT FOLLOW, USE LOCTITE (ITEM 7) ON THREADS.

5. CONNECT THE OIL RETURN PLUMBING ASSEMBLY (FIG. 1) TO FRYPOT AS SHOWN IN ILLUSTRATION. MAKE SURE THAT THE MALE QUICK DISCONNECT FITTING IS POSITIONED SO THAT IT WILL CLEAR THE DOOR WHEN CLOSED.
6. ATTACH THE ORIGINAL OIL-RETURN FLEXLINE TO THE 90° STREET ELBOW ON THE REAR OF THE 3-WAY VALVE.
7. DISCONNECT THE WIRES FROM BOTH THE FILTER SWITCH AND THE WAND SWITCH, AND REMOVE THE FILTER SWITCH FROM THE SWITCH BRACKET. COVER THE HOLE WITH THE SMALL SQUARE OF WHITE DECAL MATERIAL SUPPLIED WITH THE KIT.
8. INSTALL 1/4-INCH PUSH-ON TERMINALS ON ALL CUT WIRE ENDS. WIRE THE MICROSWITCHES AND WAND SWITCH IN ACCORDANCE WITH THE WIRING DIAGRAM SUPPLIED WITH THE KIT. MAKE REQUIRED SPLICES USING THE SUPPLIED IN-LINE CONNECTORS.

NOTE: WIRES 16C AND 19C ARE NOT USED IN THE MANUAL SYSTEM. WRAP THESE WIRES WITH ELECTRICAL TAPE AND SECURE THEM INSIDE THE FIBERGLASS SLEEVING.

9. APPLY THE VALVE DECAL TO THE CABINET BRACE, CENTERED UNDER THE 3-WAY VALVE WHEN IN THE "OFF" POSITION.
10. LOOSELY ATTACH THE OIL RETURN BRACKET TO THE OIL RETURN PLUMBING ASSEMBLY USING THE SUPPLIED U-BOLT AND RETAINERS. USING THE BRACKET AS A TEMPLATE, MARK THE HOLE LOCATIONS ON THE CABINET BRACE AND DRILL MOUNTING HOLES FOR THE 10-32 X 1/2-INCH MACHINE SCREWS FURNISHED WITH THE KIT. SECURE THE BRACKET TO THE BRACE USING THE SCREWS AND NUTS FURNISHED WITH THE KIT, THEN TIGHTEN THE U-BOLT NUTS SECURELY.
11. REINSTALL THE CONTROL PANEL AND FRAME ASSEMBLY.
12. REMOVE THE EXISTING WIRING DIAGRAM FROM THE DOOR AND REPLACE WITH THE DIAGRAM SUPPLIED IN THE KIT.
13. VERIFY CORRECT FUNCTION OF THE OIL RETURN SYSTEM. IF OIL RETURNS TO PAN WHEN THE HANDLE IS IN THE "WAND" POSITION, REMOVE THE HANDLE AND ROTATE THE VALVE STEM 180 DEGREES.

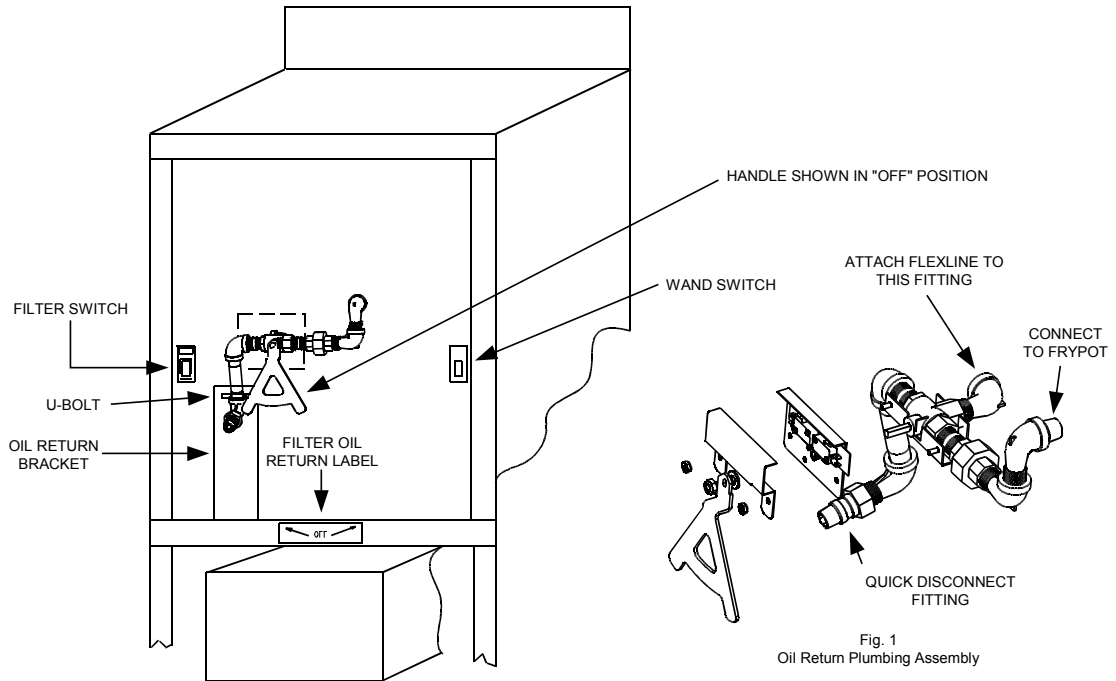


Fig. 1
Oil Return Plumbing Assembly

PARTS LIST

P/N	Qty	Description
9108199	1	Bracket, Oil Return
8069241	1	Plumbing, Manual Oil Return
8070260	4	Terminal, 1/4" Female Push-On
8070015	4	Splice, 1/4" Inline
8090256	2	Nut, 10-32 Keps Hex
8090120	2	Screw, #10
8064616	1	Loctite Thread Sealer
8090417	2	Nut, 1/4-20
8090949	1	U-Bolt, 1/4-20 x 2 1/4 w/Retainer
8021664	1	Label, Filter Oil Return
8021543	1	Label, Switch Filler
8051043	1	Diagram, Wiring
8195656	1	Installation Instruction Sheet