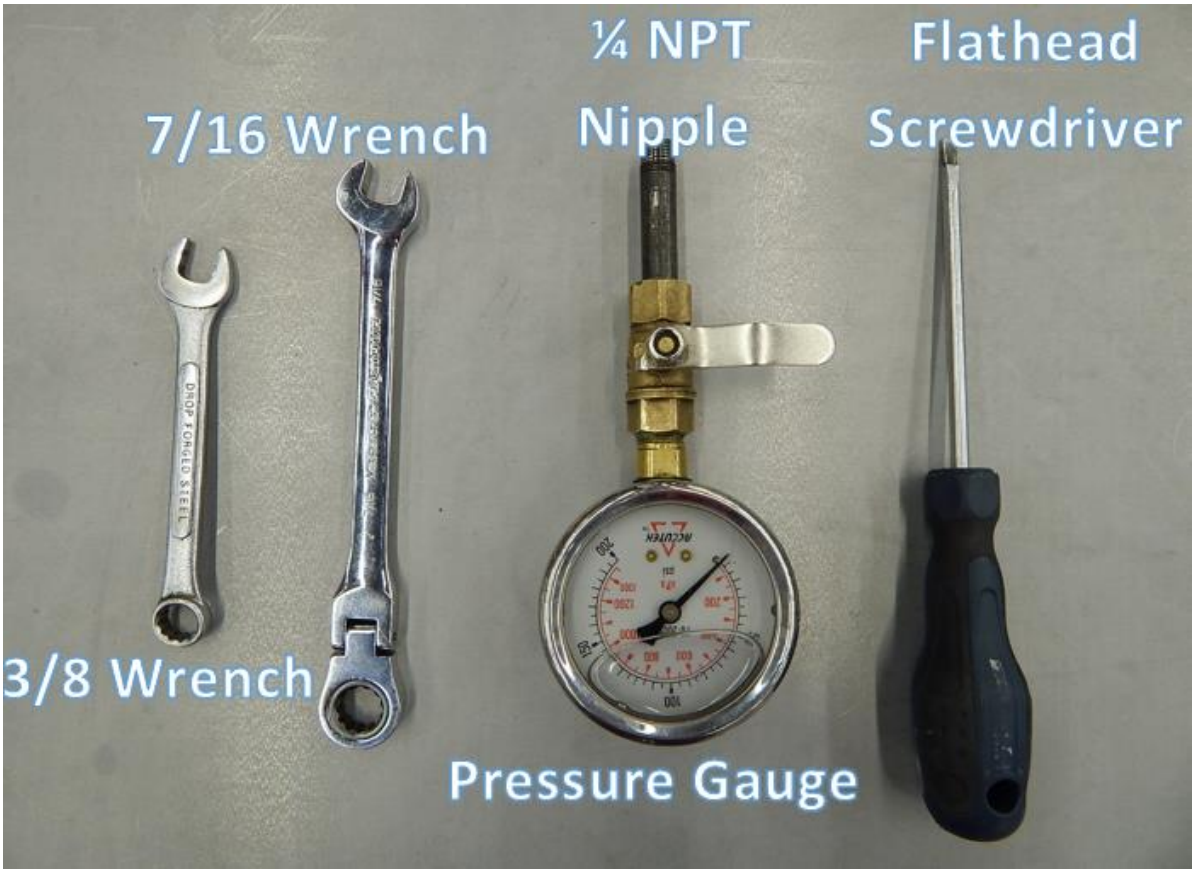
FIELD INSTALLATION INSTRUCTIONS

TITLE:	Pressure Adjustments
NAME:	FII-019
ISSUE DATE:	4 June 2013
REVISION:	1

PURPOSE:

The intention of this FII is to demonstrate how to perform fuel pressure adjustments on an IDF unit.

TOOLS REQUIRED:



From Left to Right: 3/8 Wrench, 7/16 Wrench, ¼ NPT Nipple, Pressure Gauge, Flathead Screwdriver

PROCEDURE:

Figure 1: Pressure gauge port and adjustment screw

Step 1: With the unit off, attach pressure gauge to unit, if not already installed.

NOTE: There are two locations to which you can install a pressure gauge. Either location will work fine for our purposes.

Step 2: Remove plug nut from pressure gauge port using the appropriate wrench.

NOTE: The top port requires the 7/16 wrench, whereas the bottom port requires the 3/8 wrench.

Step 3: Thread the nipple attached to the pressure gauge into the port and tighten.

Step 4: Turn unit on, gauge should now read a pressure level.

Step 5: Turn adjustment screw until desired pressure achieved.

Suggested Burner Settings						
Model	**Burner**	**Nozzle**	**Pressure***	**Shutter**	**Band**	**Slide**
OHV 200	CF 375	1.5 USGPH, 60°, SOLID	Bottom: 100 Top: 90	6	0	2
OHV 350-II	SF	1.5 USGPH, 60°, SOLID	Bottom: 125 Top: 115	1	1	3
OHV 500	SF	2.5 USGPH, 60°, SOLID	Bottom: 145 Top: 135	6	0	5
IDF 350	CF 375	1.75 USGPH, 45°, SOLID	Bottom: 125 Top: 115	10	6	4
IDF 350- II	CF 500	1.75 USGPH, 45°, SOLID	Bottom: 125 Top: 115	4	0	4
IDF 500	CF 800	2.25 USGPH, 60°, SOLID	Bottom: 140 Top: 130	10	0	6

*The pressure gauge can be placed in two difference locations. One on top of the fuel pump and one on the bottom of the fuel pump.