

FIELD INSTALLATION INSTRUCTIONS

TITLE:	Slide Plate Adjustment
NAME:	FII-020
ISSUE DATE:	10 July 2013
REVISION:	2

PURPOSE:

The intention of this FII is to demonstrate how to adjust the slide plate side of the burner.

TOOLS REQUIRED:

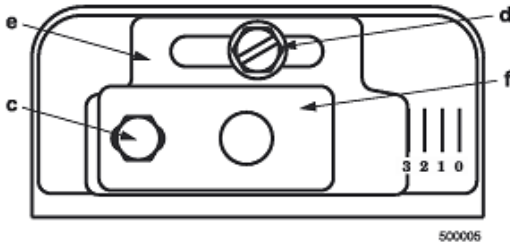


From left to right: 7/16 Wrench, Flathead Screwdriver.

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PROCEDURE:



500005

Legend	
c	Bottom acorn nut
d	Fastener
e	Indicator adjusting plate
f	Secondary adjusting plate

Figure 1: Notation for slide plate components



Figure 2: Slide plate scale and red line on plate

Step 1: Disconnect the copper line by unscrewing the nut and sliding it back.

Step 2: Loosen the notched nut located behind the nut you just slid back.

Step 3: Loosen the acorn nut located on the left side of the notched nut.

Step 4: Lastly, loosen the top screw denoted by the letter “d” in Figure 1.

Step 5: The slide plate should now be loose, allowing you to adjust to the appropriate setting based upon the scale on the side of the burner. See Figure 2.

NOTE: The secondary adjusting plate should always line up with the red line marked on the slide plate.

Step 6: Once you are satisfied with the position of the slide plate. Tighten the acorn nut to hold the plate in place.

NOTE: Ensure the plate is flush against the burner housing wall.

Step 7: Tighten the other three fasteners to secure the slide plate in position.



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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