



ITEM	QTY	PART NO.	DESCRIPTION
1	1	179311	CONDUIT HANGER 1" PLTD. W/BO
2	1	702548	BRACKET FLAMEPRBE ADJUSTBLE WL
3	1	707919	CS 1/4-20X.75 HEX HD GR5 PLT
4	1	707935	CS 5/16-18X.75 HEX HD GR5 PL
5	1	710756	NUT 1/4-20 HEX WHIZ FLNGE PL
6	1	851402	SPARK PLUG 7/8-18 THD

#### INSTALLATION INSTRUCTIONS

- 1.) CUT HOLE IN BURNER SHIELD SO SPARK PLUG ELECTRODE WILL SET DIRECTLY OVER ONE OF THE GAS EXIT HOLES IN THE BURNER. PUT THIS HOLE CLOSE TO WHERE THE EXISTING IGNITER IS LOCATED.
- 2.) WITH A PAIR OF PLIERS, DEFORM THE CONDUIT CLAMP SO IT FITS SNUGLY OVER THE SPARK PLUG.
- 3.) BOLT THE CONDUIT CLAMP TO THE LONG LEG OF THE FLAME PROBE BRKT USING THE 1/4" NUT & BOLT. THE BOLT HEAD NEEDS TO BE ON THE CONDUIT CLAMP AND THE NUT ON THE FLAME PROBE SIDE.
- 4.) BOLT THE SHORT LEG OF THE FAME PROBE BRACKET TO THE BURNER SHIELD, USING AN EXISTING HOLE IN THE BURNER SHIELD WITH THE 5/16" BOLT.
- 5.) CLAMP THE CONDUIT CLAMP AROUND THE SPARK PLUG. THE PLUG SHOULD BE LOCATED SO THE HEX PORTION OF THE SPARK PLUG IS HELD BY THE CONDUIT CLAMP. TIGHTEN THE BOLT AND NUT PROVIDED WITH THE CONDUIT CLAMP TO SECURE THE SPARK PLUG.
- 6.) ATTACH THE IGNITION WIRE TO THE SPARK PLUG. USE THE SAME IGNITION WIRE THAT WAS USED WITH THE IGNITER.
- 7.) POSITION THE SPARK PLUG SO IT IS DIRECTLY OVER ONE OF THE GAS EXIT HOLES 1/4" - 1/2" AWAY.
- 8.) MAKE SURE THE SPARK PLUG ELECTRODES ARE NOT TOUCHING THE BURNER SHIELD.
- 9.) SPARK PLUG GAP SHOULD BE APPROXIMATELY 1/8".

ALL DIMENSIONS ARE IN INCHES WITH METRIC EQUIVALENTS IN BRACKETS <input type="checkbox"/>		MIN. MAT'L GA.	FIN. WT.
PART NAME		BULLETIN 1165 SPKPLGH1015/2025	
MATERIAL		INSTALLATION INSTRUCTIONS	
SIZE	SCALE	PART NO.	
B	1/4"=1"	100616	

C		TOLERANCES UNLESS OTHERWISE SPECIFIED		AUTHORIZED	
B		FRACTIONS ± - 1/32		BY DATE	
A		DECIMALS ± - .031		DRAWN DLR 11-12-98	
ERD NO.		DATE		CHECKED	
REVISIONS		ANGLES ± - 1/4		APPROVED	
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