



#### INSTALLATION OF BURNER

- 1.) DISCONNECT THE LEAD WIRES, FLAME PROBE, AND SPARK PLUG FROM THE EXISTING BURNER. BREAK THE PLUMBING LINE AT THE UNION AND REMOVE THE PLUMBING FROM THE BURNER. DISASSEMBLE ANCHORING NUTS AND REMOVE THE BURNER FROM THE HOUSING.
- 2.) POSITION THE NEW BURNER (ITEM #2) IN PLACE AND MAKE THE PLUMBING CONNECTIONS. USE THREAD SEALANT AND MAKE SURE THE PLUMBING CONNECTIONS ARE GAS TIGHT.
- 3.) SECURE THE BURNER TO THE HOUSING WITH THE 3/8-16 FASTENERS AS SHOWN (SEE END VIEW)

#### SPARK PLUG INSTALLATION

- 1.) USING A PAIR OF PLIERS, DEFORM THE CONDUIT HANGER SO IT FITS SNUGLY OVER THE SPARK PLUG.
- 2.) BOLT THE CONDUIT HANGER TO THE SHORT LEG OF THE FLAME PROBE BRACKET USING A 1/4" NUT & BOLT (#9, #19) (THE BOLT HEAD NEEDS TO BE ON THE CONDUIT HANGER AND THE NUT ON THE FLAME PROBE SIDE.)
- 3.) BOLT THE LONG LEG OF THE FLAME PROBE BRACKET TO THE BURNER SHIELD, USING AN EXISTING HOLE IN THE BURNER SHIELD WITH A 5/16" NUT & BOLT (#10, #13)
- 4.) 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
- 5.) ATTACH THE IGNITION WIRE TO THE SPARK PLUG USING THE NEW IGNITION WIRE (#6)
- 6.) POSITION THE SPARK PLUG SO IT IS OVER THE GAS EXIT HOLES, APPROXIMATELY 1/4" - 1/2" AWAY.
- 7.) MAKE SURE THE SPARK PLUG ELECTRODE IS NOT TOUCHING THE BURNER SHIELD.

#### FLAME PROBE INSTALLATION

- 1.) INSTALL FLAME PROBE BRACKET (#3) TO BURNER SHIELD USING (2) 1/4" SCREWS AND 1/4" NUTS (#8, #19)
- 2.) ATTACH THE FLAME PROBE ADJUSTABLE BRACKET TO THE FLAME PROBE BRACKET USING A 5/16" BOLT AND NUT AND LOCKWASHER. (#10, #15, #13)
- 3.) INSTALL FLAME PROBE INTO ADJUSTABLE BRACKET AND ATTACH THE NEW FLAME PROBE WIRES

ITEM	QTY	PART NO.	DESCRIPTION
1	1	179311	CONDUIT HANGER 1" PLTD. W/BOLT
2	1	181489	BURNER WLDM H1015 GLV RETRO
3	1	275222	BRACKET FLMPRB H1015/2025 SLTD
4	1	281527	NIPPLE 3/4NPT X8" SCH 40 BLK
5	1	486225	BULLETIN 1151 H1015 SLT BRNR C
6	1	701995	WIRE ASSY SPK PLUG 38"W/2 RING
7	2	702548	BRACKET FLAMEPRBE ADJUSTBL WLDM
8	2	707844	SCREW MCH .25-20X.5"TRS STL PT
9	1	707893	CS 1/4-20X1 HEX HD GRADE 5 PLTD
10	2	707935	CS 5/16-18X.75 HEX HD GR5 PLTD
11	2	757344	CB 3/8-16X8 FULL THREAD PLTD
12	4	708172	NUT 3/8-16 HEX PLATED
13	2	708206	NUT 5/16-18 HEX WHIZ FLNGE PLT
14	4	708271	WASHER FLAT 3/8" PLTD
15	2	708313	WASHER LOCK 5/16"RGLR STL PLTD
16	4	708321	WASHER LOCK 3/8" RGLR STL PLTD
17	1	708628	BAG COTTON WHT 8X10 LOGO TIES
18	1	708644	BAG PLASTIC 8X9X.002
19	3	710756	NUT 1/4-20 HEX WHIZ FLNGE PLTD
20	1	712000	BUSHING UNV. .875MOUNTING DIA
21	1	719054	ELBOW 3/4NPT X 90DEG SCH40 BLK
22	6	721837	CABLE TIE PLASTIC STD 3.75LONG
23	2	730515	WIRE ASSY FLM PR 1CON 38"W/2QD
24	1	749812	FLAMEPROBE OPEN ON RISE 200DEG
25	2	751289	CS 3/8-16X.75 HEX HD GR5 PLTD
26	1	851402	SPARK PLUG 7/8-18 THD

NOTE:  
MOUNTING HOLES FOR BURNER WILL NEED  
TO BE DRILLED.

REV	DATE	DESCRIPTION
C		
B		
A		

AUTHORIZED		
BY	DATE	
CRR	08-25-00	
CHECKED		
APPROVED		

ALL DIMENSIONS ARE IN INCHES WITH METRIC EQUIVALENTS IN BRACKETS [ ]		MIL. MAT'L. GA.	FIL. WT.
PART NAME	BULLETIN 1151 H1015 SLT BRNR C		
MATERIAL	(FOR KIT #433607)		
ASSEMBLY INSTALLATION INSTRUCTIONS			
SIZE	SCALE	PART NO.	
C	3/32"=1"	(C910) 486225	

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