

## ADJUSTING FLOAT ARM LENGTH

-**Determine proper float arm length** by measuring tank depth (From inside bottom to outside top of tank,  $-1/2"$ ; example: measurement equals 24", proper sending unit length is  $23-1/2"$ .)

-**Cut the float arm** that is not attached to the sending unit at the determined length. See table at bottom of page for float arm length.

-**Slide float arm through the float arm clamp assembly** (see Figure 1) until the correct float arm length is reached and you have at least 1" of arm overlap at the clamp assembly point.

-**Mark float arm placement carefully.**

-**Secure float arm into position** by firmly tightening the assembly screw.

-**IMPORTANT: DO NOT BEND FLOAT ARM.** THIS COULD CAUSE THE SENDING UNIT TO MALFUNCTION.

### PROPER SENDING UNIT TANK INSTALLATION:

-**Carefully slide gasket over float arm and sending unit assembly.**

-**Align 5-hole screw pattern in gasket with mounting flange**, placing gasket flush against underside of plate. **NOTE: THE SCREW HOLE PATTERN IS NOT SYMMETRICAL, THERE IS ONLY ONE WAY TO PROPERLY ALIGN GASKET** (see Figure 2).

-**Secure sending unit to tank**, tighten mounting screws into place just until gasket shows beneath the washer. **DO NOT OVER-TIGHTEN.** THIS WEAKENS THE SEAL.

-**For a NO LEAK install**, a leak test of this area should be conducted by pressurizing the tank to 3 PSI. Then look for bubbles using soapy water (see Figure 3).

**WARNING** IF UNSURE OF THIS OR ANY OF THE DETAILED PROCEDURES, SEEK PROFESSIONAL ASSISTANCE. IN ALL CASES, IF YOU HAVE A PRODUCT SAFETY CONCERN YOU MUST CONSULT EITHER THE CORRECT AND CURRENT PRODUCT MANUAL, YOUR MOELLER DEALER, OR OUR CUSTOMER SERVICE DEPARTMENT (1-800-432-8344).

**PROPER WIRING INSTALLATION** (See Figure 4):

-**Connect sender wire** from fuel gauge to the threaded screw terminal on sender.

-**Connect ground wire** to  $1/4"$  fasson terminal on sender.

**BRASS/PLUG BARB INSTALLATION** (See Figure 5):

For Diesel use, insert  $90^\circ$  brass barb into return fitting. See (Figure #5).

For Gasoline use, insert brass plug into return fitting.

See (Figure #5). Apply teflon tape to threads before installing.

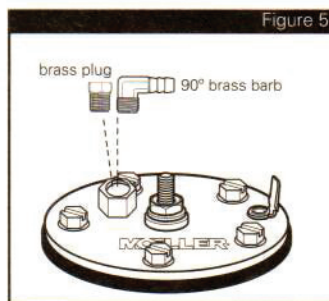
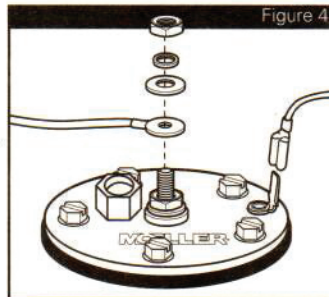
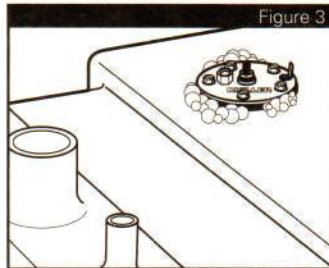
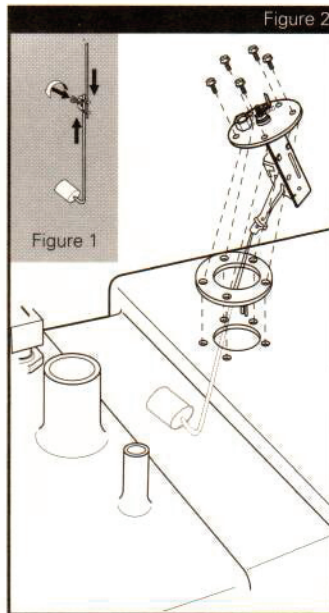


Table 1 Tank Depth		Float Arm Length		Table 1 Tank Depth		Float Arm Length	
Inches	MM	Inches	MM	Inches	MM	Inches	MM
12	(305)	7-7/8	(200)	18-1/2	(470)	12-1/2	(318)
12-1/2	(318)	8-1/4	(210)	19	(488)	12-7/8	(327)
13	(330)	8-5/8	(219)	19-1/2	(496)	13-1/4	(337)
13-1/2	(343)	9	(229)	20	(508)	13-1/2	(343)
14	(356)	9-3/8	(238)	20-1/2	(521)	13-7/8	(352)
14-1/2	(368)	9-3/4	(248)	21	(533)	14-1/4	(362)
15	(381)	10	(254)	21-1/2	(546)	14-1/2	(366)
15-1/2	(394)	10-1/2	(267)	22	(559)	15	(381)
16	(406)	10-3/4	(269)	22-1/2	(572)	15-3/8	(391)
16-1/2	(419)	11-1/4	(288)	23	(584)	15-3/4	(400)
17	(432)	11-1/2	(292)	23-1/2	(597)	16	(405)
17-1/2	(446)	11-3/4	(299)	24	(610)	16-3/8	(416)
18	(457)	12-1/4	(311)				

**WARNING** GASOLINE IS EXTREMELY FLAMMABLE. KEEP TANK AREA FREE FROM SPARKS AND FLAMES. EMPTY TANK OF FUEL AND FUMES BEFORE CONTINUING WITH INSTALLATION.