

## L.P. Tank Retention Kit Instructions

**INSTALLER:** Leave these instructions with consumer.  
**CONSUMER:** Retain for future reference.



In addition to the gas conversion kit (sold separately), this kit is to be used when converting an AFD Fire Unit to propane gas (and an L.P. Cylinder is being used). The procedure must be performed by a qualified professional service technician. Reference the table below to ensure you have the correct L.P. tank retention kit model for your AFD unit.

**To install, locate the appropriate section for your kit model number, then follow the steps.**

Model (by series)	Kit Model #
520, 530, 770, 775	8306
610, 640, 645	8300
629, 731	8301
635, 642	8302
695	8304
715, 716, 765	8305
725, 726	8303

**Table 1**

### TOOLS REQUIRED

- Open-end adjustable crescent wrench (2)
- Cordless drill
- $\frac{5}{32}$ " masonry drill bit
- Phillips head screwdriver (8305 & 8306 models)

## BEFORE YOU BEGIN

- **Ensure the unit is OFF and completely cool, and the gas supply to the unit is turned OFF.**
- Read the appropriate section for your kit model number completely prior to beginning installation.
- Ensure that any components that are removed/loosened during this process are completely reinstalled/re-tightened.
- Design of your unit and kit may vary. Examples are shown (installation method will be the same).
- If your AFD unit is new, it is best to first install this retention kit to the unit, followed by performing the gas conversion kit procedure. Then continue with the normal installation of the unit.  
If your AFD unit is already installed, you will need to remove the burner media (in addition to the storage door). See the following section.

## GAIN ACCESS (FOR RETENTION KIT INSTALL AND FUTURE GAS CONVERSION)

Remove all decorative media and the storage door.

**Note:** For Firefall models, remove the outer rear panel, decorative media, storage door, and remove/set aside the burner assembly. (Reference the owner's manual for details).

**Important:** Ensure the thermocouple and gas connections are undamaged. Handle with care.

## APPLY CONVERSION LABEL

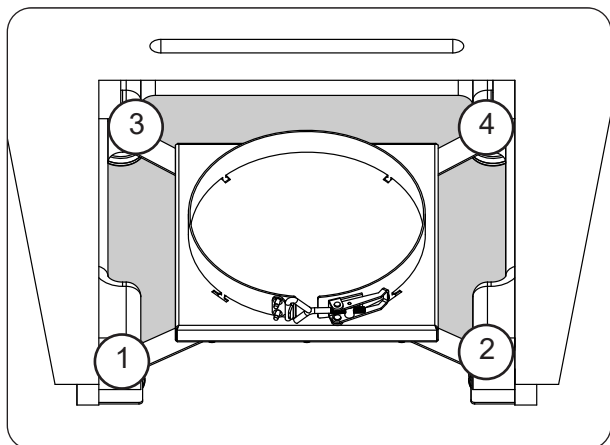
Refer to the conversion kit instructions to apply the label supplied with that kit.

Continue on to the following section that is appropriate for your specific retention kit model.

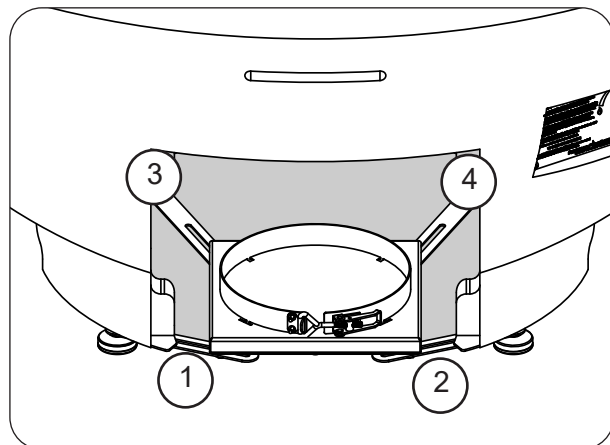
# INSTALLATION INSTRUCTIONS: 8300, 8301, 8302, 8303, & 8304

Refer to the table and figures below to get an overview of how your specific retention kit will be installed. Take note of the size of each link arm in your kit (1-4), and where the links will be positioned in your unit. Then continue on to the following page for a step-by-step procedure.

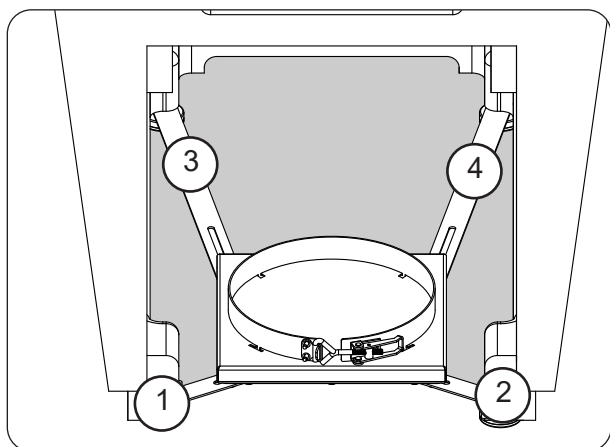
Kit Model	Link Arm #1	Link Arm #2	Link Arm #3	Link Arm #4
8300	7"	7"	7"	7"
8301	7"	7"	11"	11"
8302	7"	7"	15 1/2"	15 1/2"
8303	11"	11"	15 1/2"	15 1/2"
8304	7"	7"	15 1/2"	11"



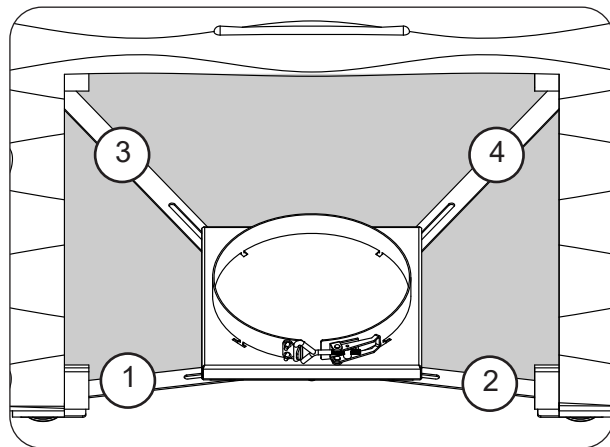
**Fig. 3-1** 8300 model shown



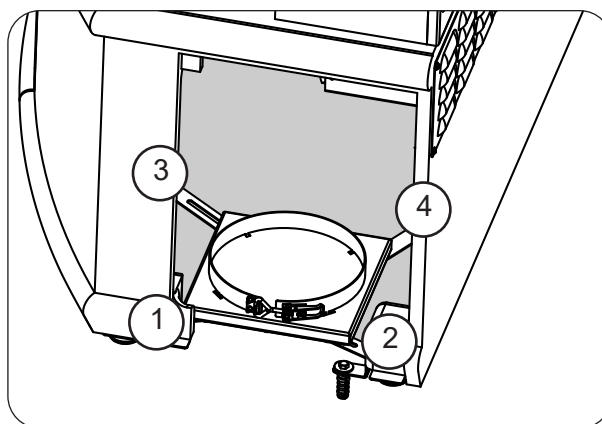
**Fig. 3-2** 8301 model shown



**Fig. 3-3** 8302 model shown



**Fig. 3-4** 8303 model shown



**Fig. 3-5** 8304 model shown

# INSTALLATION INSTRUCTIONS: 8300, 8301, 8302, 8303, & 8304 (CONT.)

**Note:** Your unit may look different but will install the same way.

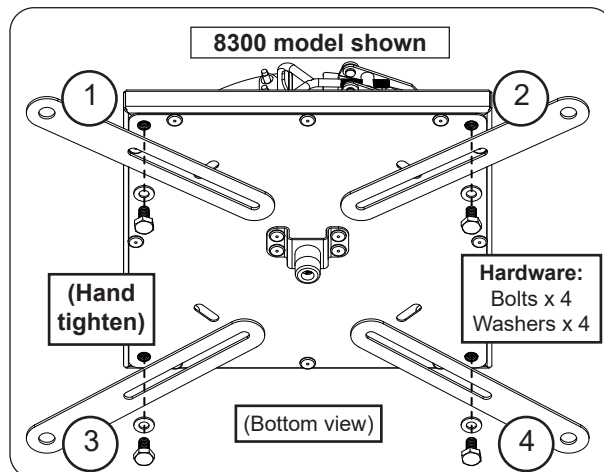
1. **Carefully** lift the unit / rest on its side to allow access to the bottom of the unit.
2. Remove the leveler legs (and nuts) and store for future re-installation.
3. Locate the retention kit tray and turn it over. Position the link arms in the order shown (see Table and images on previous page for assistance).

Align the slots (in the arms) over the holes found in the corners of the tray. Fasten each arm using a supplied bolt and washer. Hand tighten only at this stage. See Fig. 4-1.

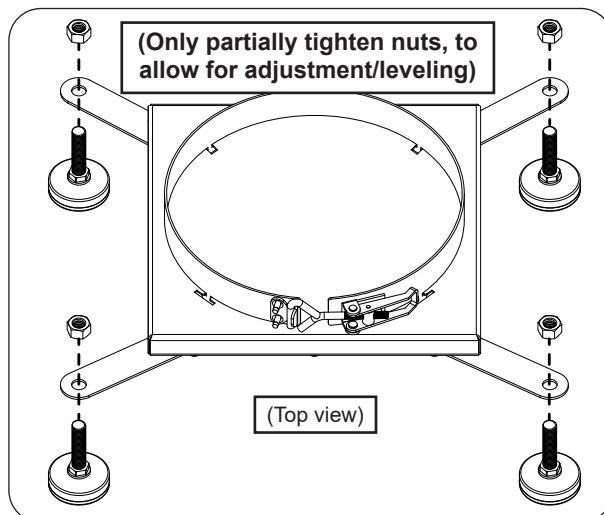
4. Attach the leveler legs to the link arms and secure with the nuts as shown in Fig. 4-2.
5. Attach the tray and leveler legs assembly to the bottom of your unit as shown in Fig. 4-3.
6. Test fit your L.P. cylinder in the retention kit tray to ensure proper placement. Then remove the cylinder and tighten/level. Once leveled, finish tightening the nuts found on the leveler legs (see Fig. 4-4).

Also finish tightening the 4 bolts on the bottom of the tray (from step 3).

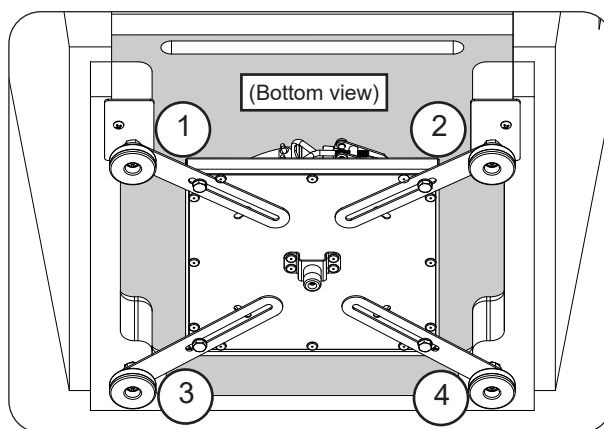
7. **Refer to the gas conversion kit instructions to continue the conversion process.**



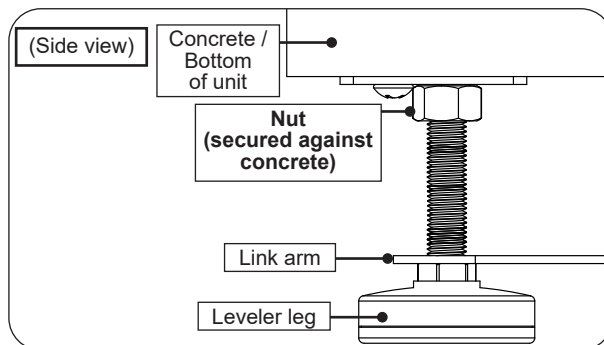
**Fig. 4-1** Attach link arms to tray



**Fig. 4-2** Attach leveler legs (and nuts) to tray



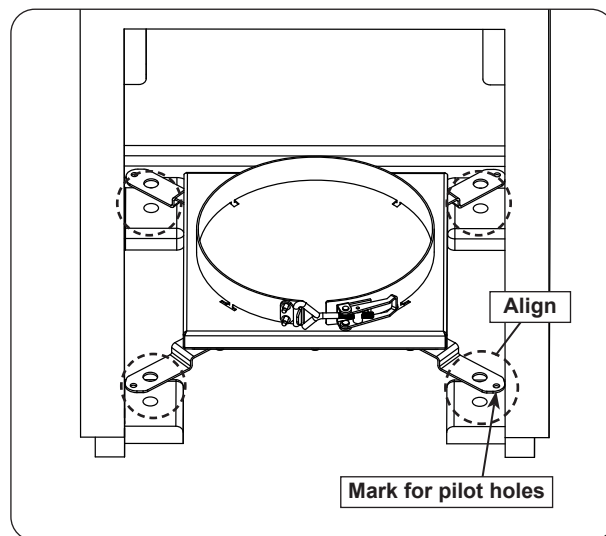
**Fig. 4-3** Attach tray and legs assy to unit



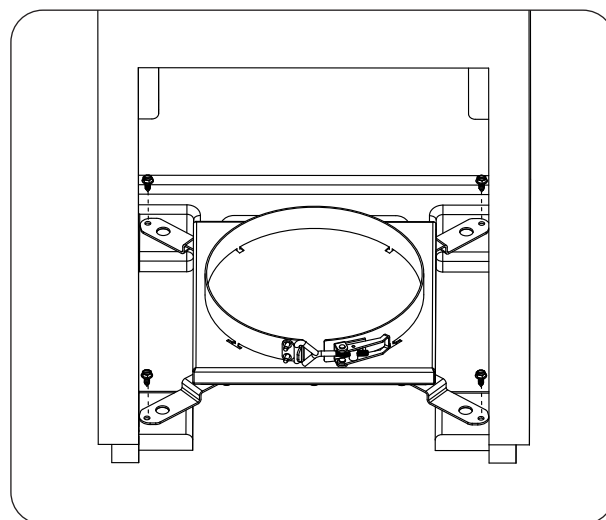
**Fig. 4-4** Tighten nuts after leveling

1. If your unit is already installed, you will first need to remove the floor mounting hardware (that connects the base of the unit to the floor). Then proceed to step 2.
2. Place the tank retention kit in the unit. Align the assembly over the 4 mounting holes that exist in the concrete of the unit. Then mark the 4 smaller holes. See Fig. 5-1.
3. Remove the retention kit and drill pilot holes using an  $\frac{5}{32}$ " masonry drill bit.
4. Replace the retention kit and fasten using the 4 provided screws and a Phillips head screwdriver (see Fig. 5-2). DO NOT overtighten (to avoid damage to the unit).
5. **Refer to the gas conversion kit instructions to continue the conversion process.**

**Note:** If the mounting hardware was removed (from step 1), be sure to reinstall it after the conversion process is complete.



**Fig. 5-1** Align kit and mark small holes

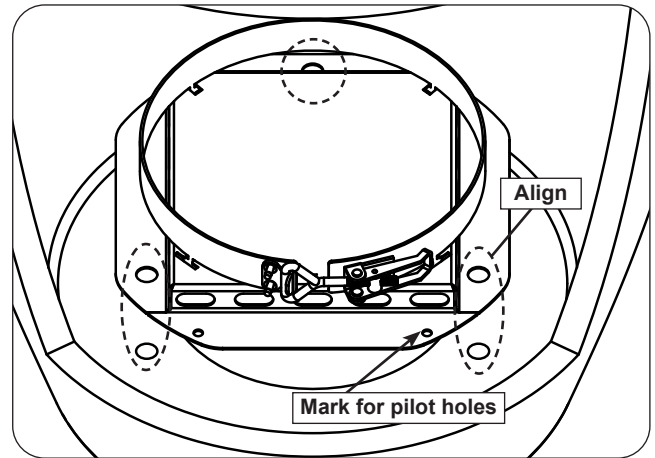


**Fig. 5-2** Screw in kit

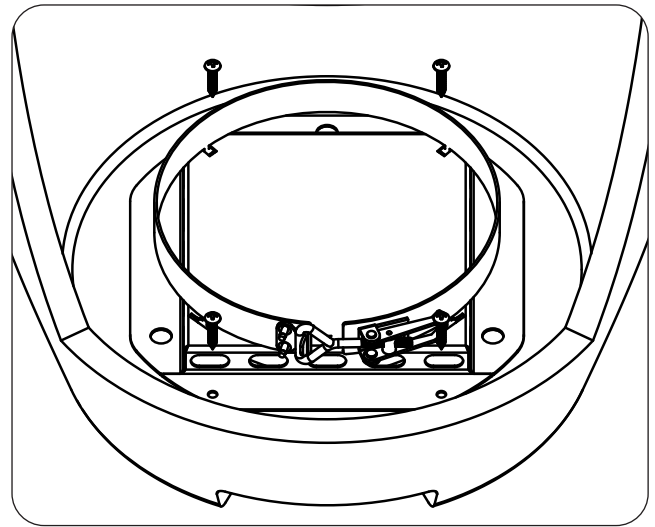
## INSTALLATION INSTRUCTIONS: 8306

1. If your unit is already installed, you will first need to remove the floor mounting hardware (that connects the base of the unit to the floor). Then proceed to step 2.
2. Place the tank retention kit in the unit. Align the assembly over the 3 mounting holes that exist in the concrete of the unit. Then mark the 4 smaller holes. See Fig. 6-1.
3. Remove the retention kit and drill pilot holes using an  $\frac{5}{32}$ " masonry drill bit.
4. Replace the retention kit and fasten using the 4 provided screws and a Phillips head screwdriver (see Fig. 6-2). DO NOT overtighten (to avoid damage to the unit).
5. **Refer to the gas conversion kit instructions to continue the conversion process.**

**Note:** If the mounting hardware was removed (from step 1), be sure to reinstall it after the conversion process is complete.



**Fig. 6-1** Align kit and mark small holes



**Fig. 6-2** Screw in kit