

# Fig. 610XB Series Hose Retriever and Base

## Installation & Maintenance Instructions

The 610X Series Hose Retriever is designed to suspend the fueling hose above the dispenser eliminating kinks and tangles while keeping the hose up off the drive. The 360 degree smooth rotating retriever head assists the operator in positioning the hose to the fueling point.



**Failure to follow any or all of the warnings and instructions in this document could result in a hazardous liquid spill, which could result in property damage, environmental contamination, fire, explosion, serious injury or death.**

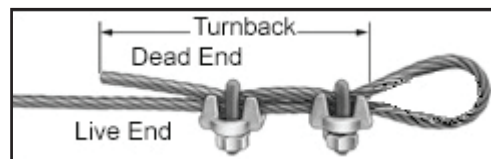
### Installation



#### WARNINGS

- Any modification to this unit other than those stated in these installation instructions will void the product warranty.
- Install in accordance with all applicable local, state, and federal laws.
- For your safety, it is important to follow local, state, federal and/or OSHA rules that apply to working inside, above, or around the storage tank and piping area. Use all personal protective equipment required for working in the specific environment.

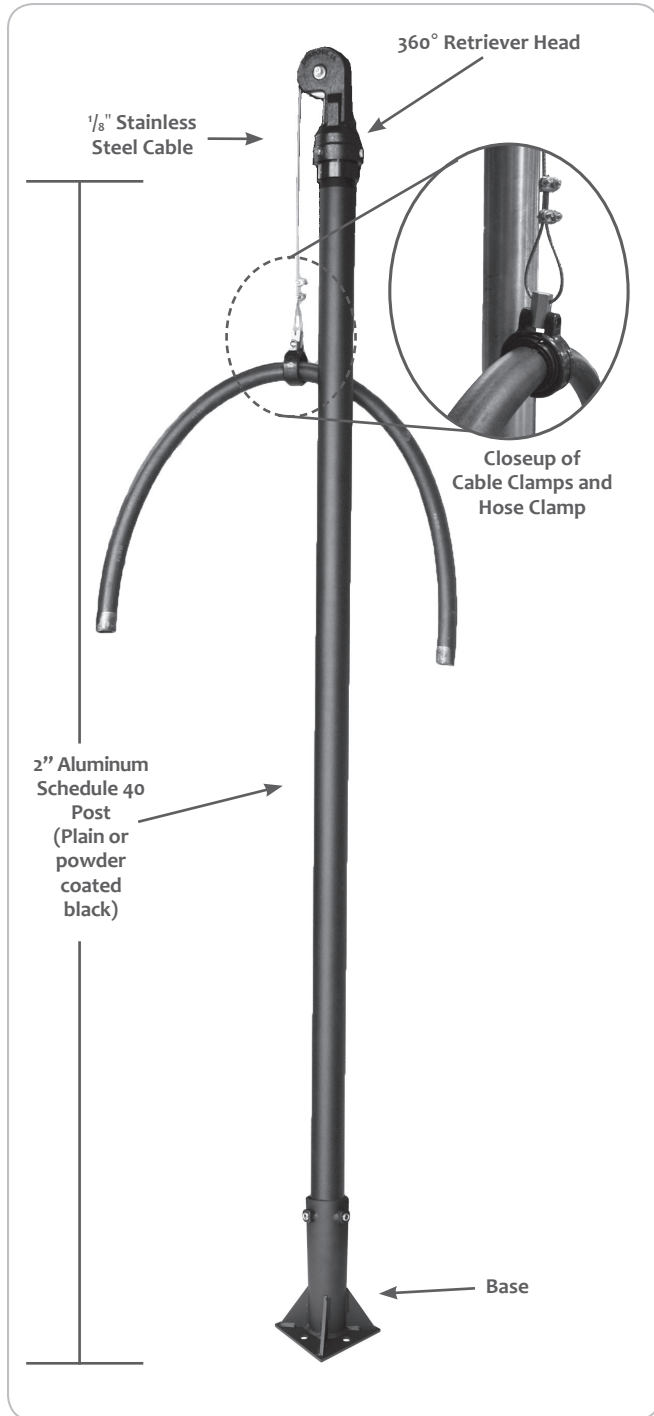
1. Remove unit from box and remove all packaging material. Check unit for any shipping damage. Do NOT use if any damage is found.
2. Purchase 1/2" anchor bolts with a thread length between 2" and 3".
3. Place the base on the concrete where you wish to install the unit, and mark the location for the anchor holes.
4. Drill the anchor holes into the concrete and install the anchor bolts into the holes. The base can be installed at this time.
5. Secure the base to the concrete using anchor bolts, nuts and washers.
6. For 110" units, thread the supplied post extension onto the 80" post and tighten securely.
7. Slide the Weight into the threaded end of the post and attach the Retriever Head onto the post. Apply a non-hardening, anti-seize sealant to the male threads of the post. Make certain to wrench tighten 3.25 turns after hand tight.
8. Carefully, lift the post assembly up and slide the post into the base. For safety reasons we recommend this part of the assembly be done by two people.
9. Tighten set screws on base to secure post.
10. Make certain the unit is stable.
11. If you want to adjust the cable length, or for any reason you need to remove the cable clamps, see Figure 1 below before reattaching clamps.



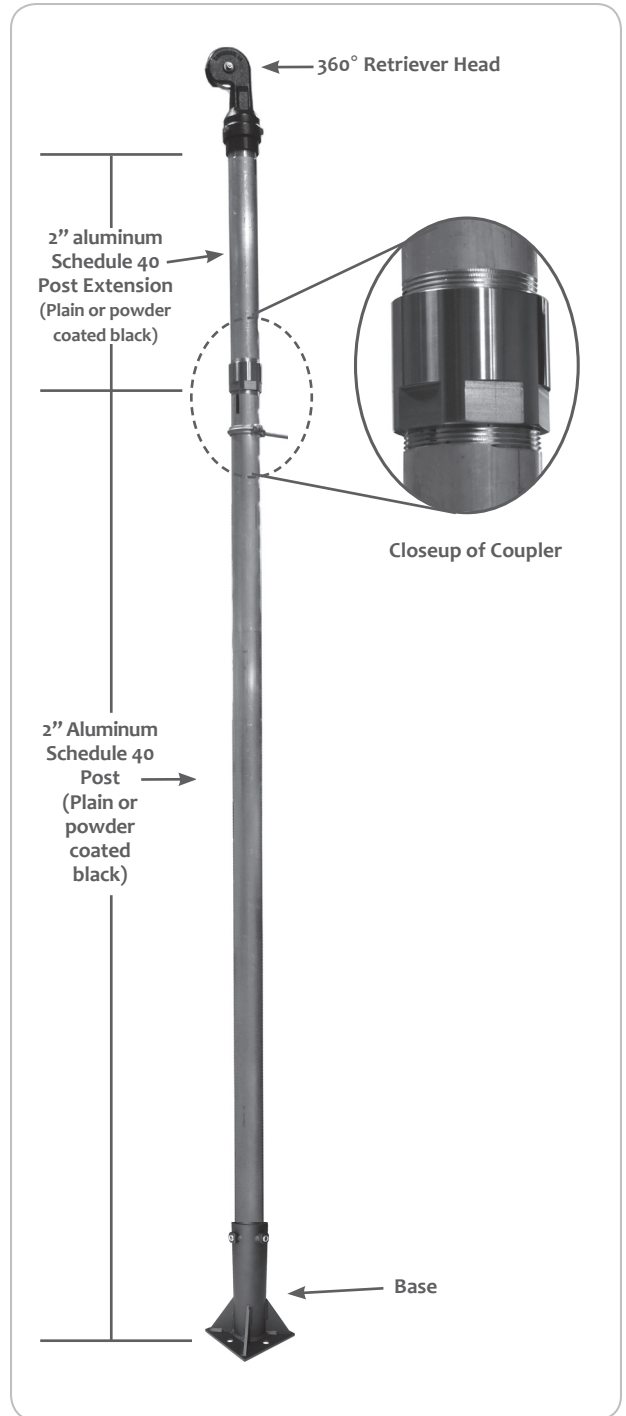
**Figure 1**

12. With everything in the proper position and all screws and nuts tightened down, ensure Hose Retriever unit is stable. Now attach Hose Clamp and Fuel Hose. Swivels and a breakaway are recommended at all hose ends to prevent hose twisting and protect the hose from damage.

### 90" models



### 110" models



## Maintenance

This unit should be inspected at least once per year.



### WARNINGS

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### Steps

1. Pull on the hose to expose the cable. While the cable is exposed inspect it for wear or damage. If excessive cable wear or cable damage is found, replace the cable.
2. Inspect the retriever head for signs of wear or damage. If excessive wear or damage is found, replace the head.
3. Inspect the hose clamp for signs of wear or damage. If excessive wear or damage is found, replace the damaged component.
4. Check for signs that the stability of the unit has been compromised such as, impact, deteriorating concrete around the base or anchor bolts, loose fasteners, rusted components, etc. If any of these signs are present, they should be repaired or the components replaced.
5. If painting the retriever head, use caution to insure that the paint does not get into an area that could restrict the swivel motion of the retriever head or the spinning of the pulley.



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Item Number	Post	Hose I.D.	Hose Length	Counter Weight	Max Hose O.D.	Overall Height	Shipping Weight
610XB-0100 AR	Aluminum Pipe Schedule 40	¾"	12'-14'	10 lbs	1 <sup>1</sup> / <sub>32</sub> "	90"	42 lbs
610XB-0200 AR	Aluminum Pipe Schedule 40	¾"	15'-20'	12 lbs	1 <sup>1</sup> / <sub>32</sub> "	110"	46 lbs
610XB-0300 AR	Aluminum Pipe Schedule 40	1"	12'-14'	14 lbs	1 <sup>3</sup> / <sub>8</sub> "	90"	46 lbs
610XB-0400 AR	Aluminum Pipe Schedule 40	1"	15'-18'	17 lbs	1 <sup>3</sup> / <sub>8</sub> "	110"	51 lbs
610XB-0500 AR	Aluminum Pipe Schedule 40	Coaxial	11'-13'	17 lbs	Coaxial	90"	49 lbs
610XB-0600 AR	Aluminum Pipe Schedule 40	Coaxial	13'-15'	17 lbs	Coaxial	110"	51 lbs

Item Number	Coated Post Option	Hose I.D.	Hose Length	Counter Weight	Max Hose O.D.	Overall Height	Shipping Weight
610XB-0100 ARPB	Powder Coated Black	¾"	12'-14'	10 lbs	1 <sup>1</sup> / <sub>32</sub> "	90"	42 lbs
610XB-0200 ARPB	Powder Coated Black	¾"	15'-20'	12 lbs	1 <sup>1</sup> / <sub>32</sub> "	110"	46 lbs
610XB-0300 ARPB	Powder Coated Black	1"	12'-14'	14 lbs	1 <sup>3</sup> / <sub>8</sub> "	90"	46 lbs
610XB-0400 ARPB	Powder Coated Black	1"	15'-18'	17 lbs	1 <sup>3</sup> / <sub>8</sub> "	110"	51 lbs
610XB-0500 ARPB	Powder Coated Black	Coaxial	11'-13'	17 lbs	Coaxial	90"	49 lbs
610XB-0600 ARPB	Powder Coated Black	Coaxial	13'-15'	17 lbs	Coaxial	110"	51 lbs