

Fig. 610X Series Hose Retriever

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.

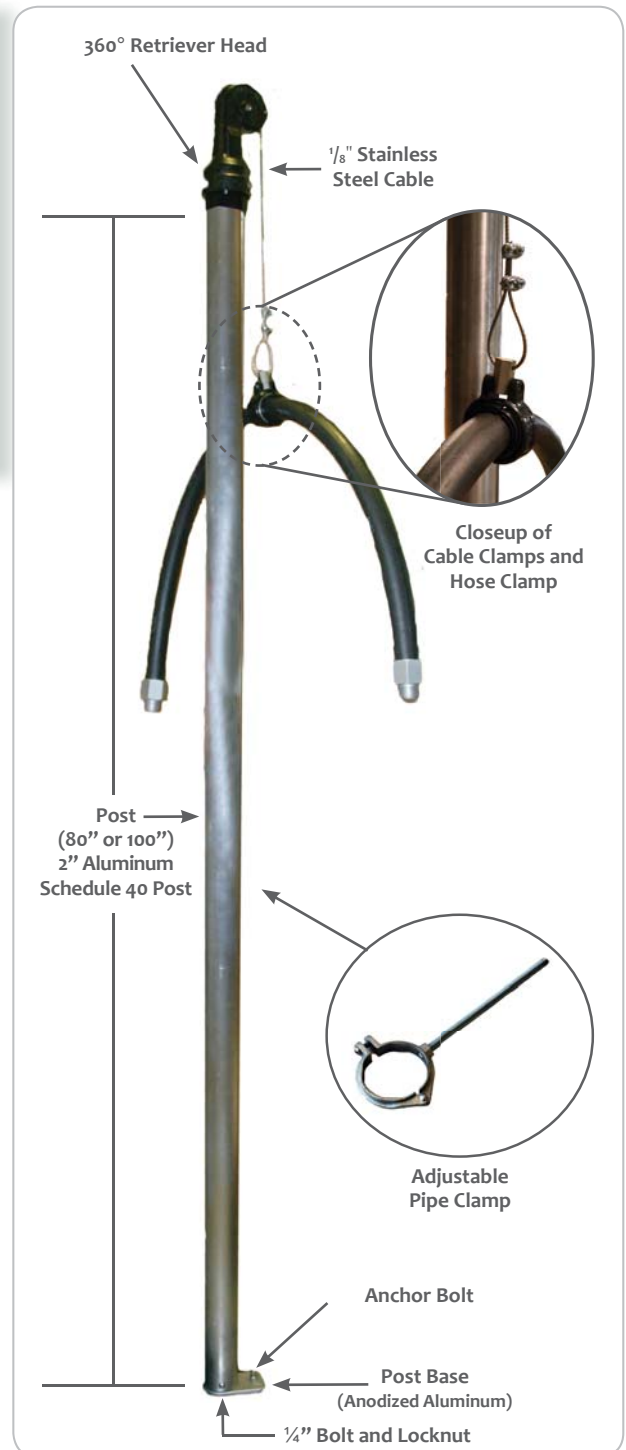
Installation



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. Place post base in desired location where Hose Retriever will be mounted. Set post on post base.
3. Loosely attach pipe clamp to the post. The assembly must be mounted no further than 6" (horizontal distance) from the structural beam, support, or dispenser. This allows room for the pipe clamp to be mounted properly. It is recommended to place the clamp at least halfway up the post. The clamp should be mounted to a stable structure such that can withstand the tipping force of the Hose Retriever assembly, for example, a support beam, wall, dispenser, etc. Mark the locations to mount the pipe clamp and anchor bolt. Lay the post on the ground.
4. Drill anchor bolt hole into the concrete and install 3/8" anchor bolt.
5. Attach post base to the unthreaded end of the post using the long 1/4" bolt and lock nut.
6. Attach the 3/8" threaded rod (provided) of the pipe clamp to the support structure using either a nut and washer (not provided) or thread into a 3/8"-UNC-1A hole. Thread the pipe clamp onto the threaded rod.
7. Make sure the eye bolt attached to the end of the cable still has the serrated nut in place. Thread the weight provided onto the end of the eye bolt until it bottoms out. Wrench tighten the serrated nut onto the top of the weight to lock in place.



8. 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.
9. Carefully, lift the post assembly up so that the post base is over the anchor bolt. For safety reasons we recommend this part of the assembly be done by two people. Latch the pipe clamp around the post and secure with supplied screw.
10. Secure the post base to the anchor bolt using the nut and washer provided.
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.

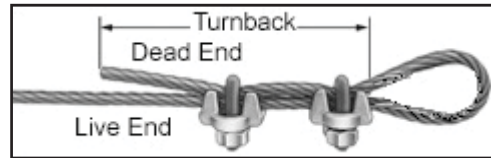


Figure 1

12. With everything in the proper position and all screws and nuts tightened down, make sure Hose Retriever unit is stable. If so, you can 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.

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. Inspect the pipe clamp for signs of wear or damage. If excessive wear or damage found, replace the damaged component.
5. Check for signs that the stability of the unit has been compromised such as, impact, deteriorating concrete around the post base or anchor bolt, loose fasteners, rusted components, etc. If any of these signs are present, they should be repaired or the components replaced.
6. 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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I.D. Number	Post	Hose I.D.	Hose Length	Counter Weight	Max Hose O.D.	Overall Height	Shipping Weight
610X--0100 AR	Aluminum Pipe Schedule 40	¾"	12'-14'	10 lbs	1 1/32"	90"	27 lbs
610X--0200 AR	Aluminum Pipe Schedule 40	¾"	15'-18'	12 lbs	1 1/32"	110"	31 lbs
610X--0300 AR	Aluminum Pipe Schedule 40	1"	12'-14'	14 lbs	1 3/8"	90"	31 lbs
610X--0400 AR	Aluminum Pipe Schedule 40	1"	15'-18'	17 lbs	1 3/8"	110"	36 lbs
610X--0500 AR	Aluminum Pipe Schedule 40	Coaxial	11'-13'	17 lbs	Coaxial	90"	34 lbs

I.D. Number	Coated Post Option	Hose I.D.	Hose Length	Counter Weight	Max Hose O.D.	Overall Height	Shipping Weight
610X--0100 ARPB	Powder Coated Black	¾"	12'-14'	10 lbs	1 1/32"	90"	27 lbs
610X--0200 ARPB	Powder Coated Black	¾"	15'-18'	12 lbs	1 1/32"	110"	31 lbs
610X--0300 ARPB	Powder Coated Black	1"	12'-14'	14 lbs	1 3/8"	90"	31 lbs
610X--0400 ARPB	Powder Coated Black	1"	15'-18'	17 lbs	1 3/8"	110"	36 lbs
610X--0500 ARPB	Powder Coated Black	Coaxial	11'-13'	17 lbs	Coaxial	90"	34 lbs



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