

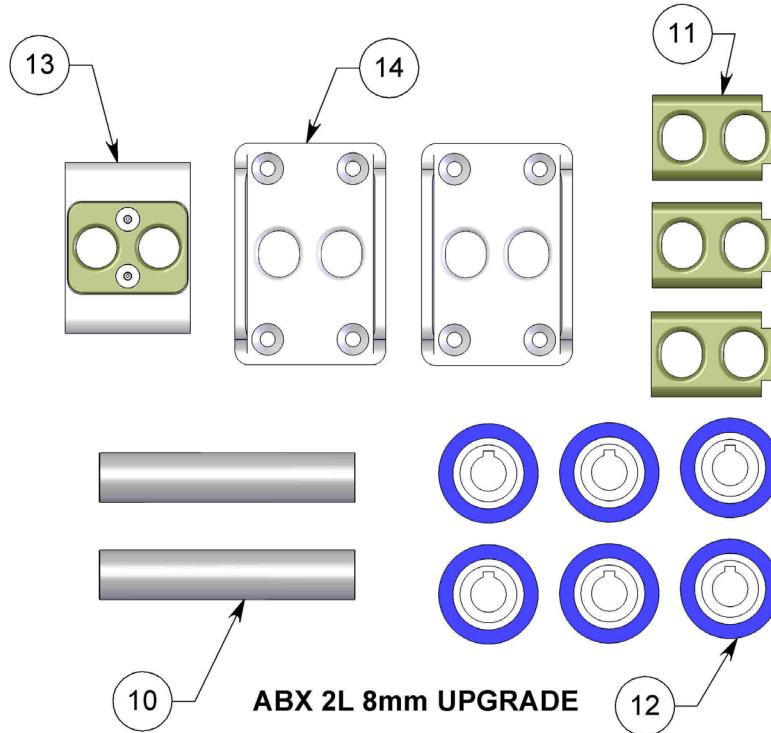


# AUTOBOX™ (ABX-2L) UPGRADE GUIDE

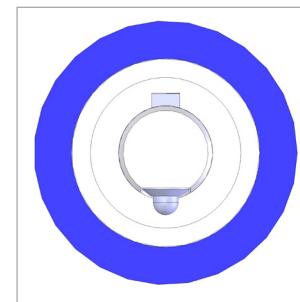


## ABX-2L UPGRADE KIT OVERVIEW

### AUTOBOX™ (ABX-2L) HOSE TRACTOR UPGRADE PARTS



#	PART NUMBER	QTY.
10	ABX 218-001 Wear Ring	2
11	ABX 243-001 Hose Guide Block	3
12	ABX 273 Drive Roller, 8mm Hose	6
13	ABX 290 Rear Mount Inside Assembly	1
14	ABX 291-001 Mounting Bracket	2



ABX 273 (BLUE)  
DRIVE ROLLER  
FOR 8MM  
UPGRADE

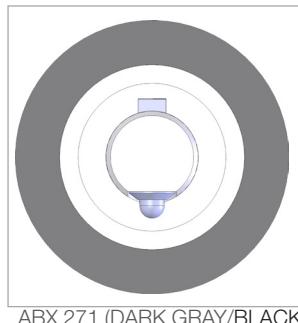
**REMOVE THE DRIVE ROLLERS:**

1. Slowly run the Drive Rollers in order to orient the key ways of the Drive Rollers upward and the spring plungers downward.  
**NOTE: Rollers should be removed with the keyway facing up to prevent losing keys.**
2. Use a small common screwdriver or similar tool to depress the ball spring plunger, and pull the rollers straight out from the shafts.

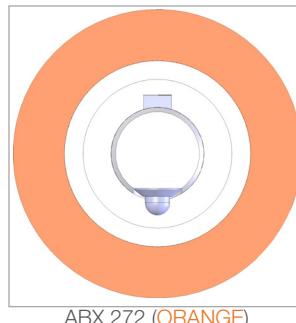
** WARNING**

Always de-energize the system before servicing or replacing any parts. Failure to do so can result in severe injury and/or death. Keep hands, hair, and clothing clear of rotating parts.

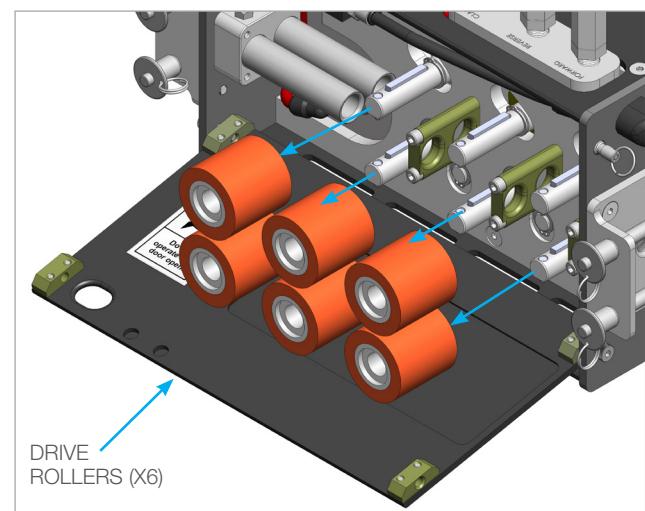
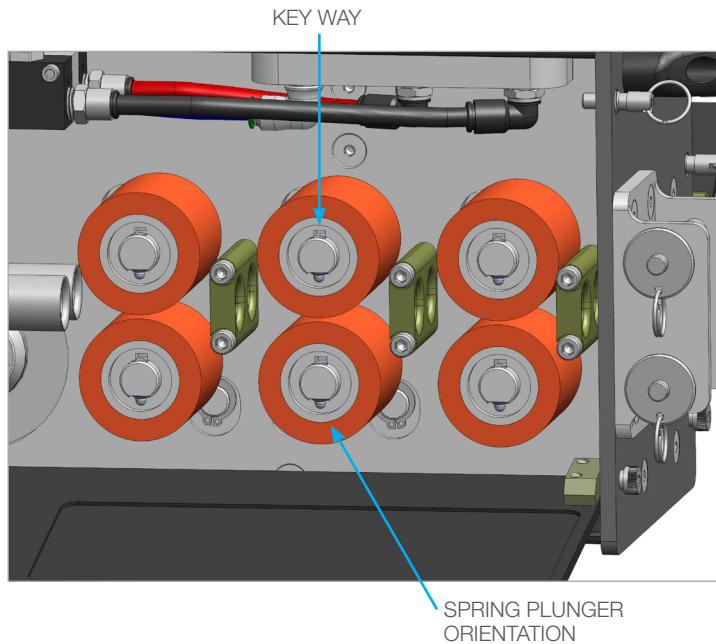
ONE OF THESE DRIVE ROLLER SIZES  
SHOULD BE CURRENTLY BE IN YOUR  
EXISTING ABX-2L



ABX 271 (DARK GRAY/BLACK)



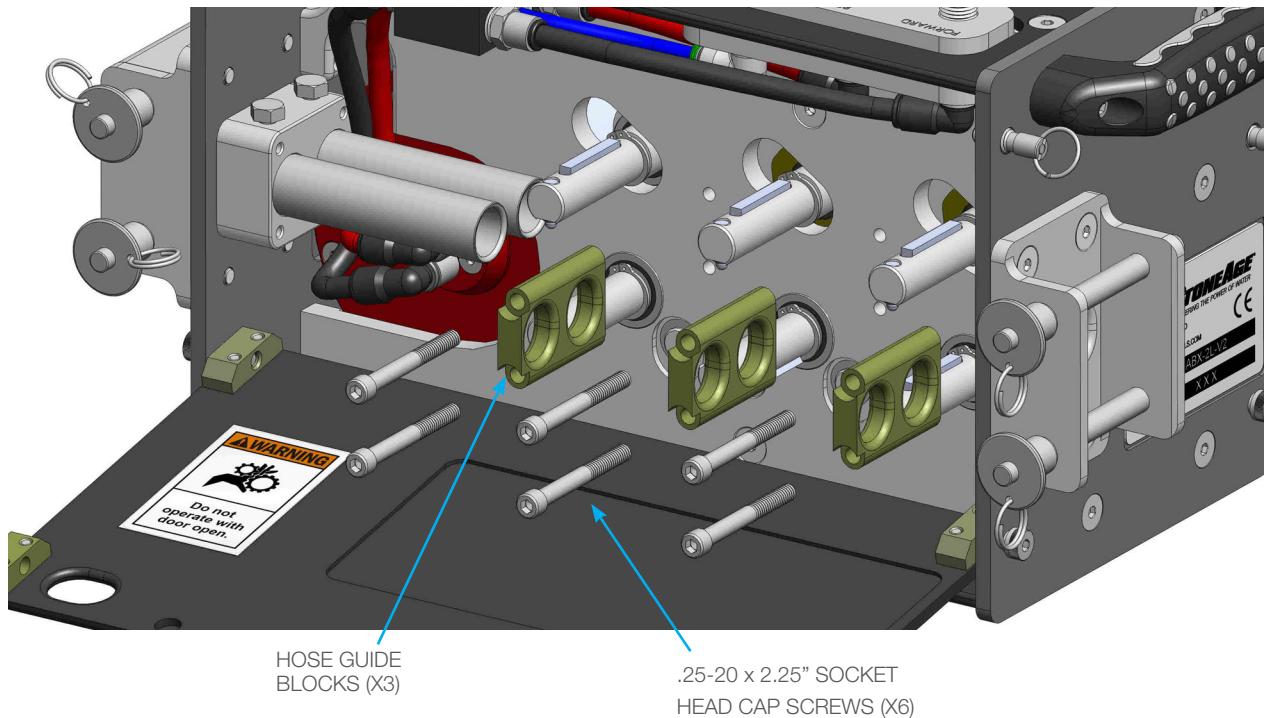
ABX 272 (ORANGE)



## ABX-2L UPGRADE DISASSEMBLY INSTRUCTIONS

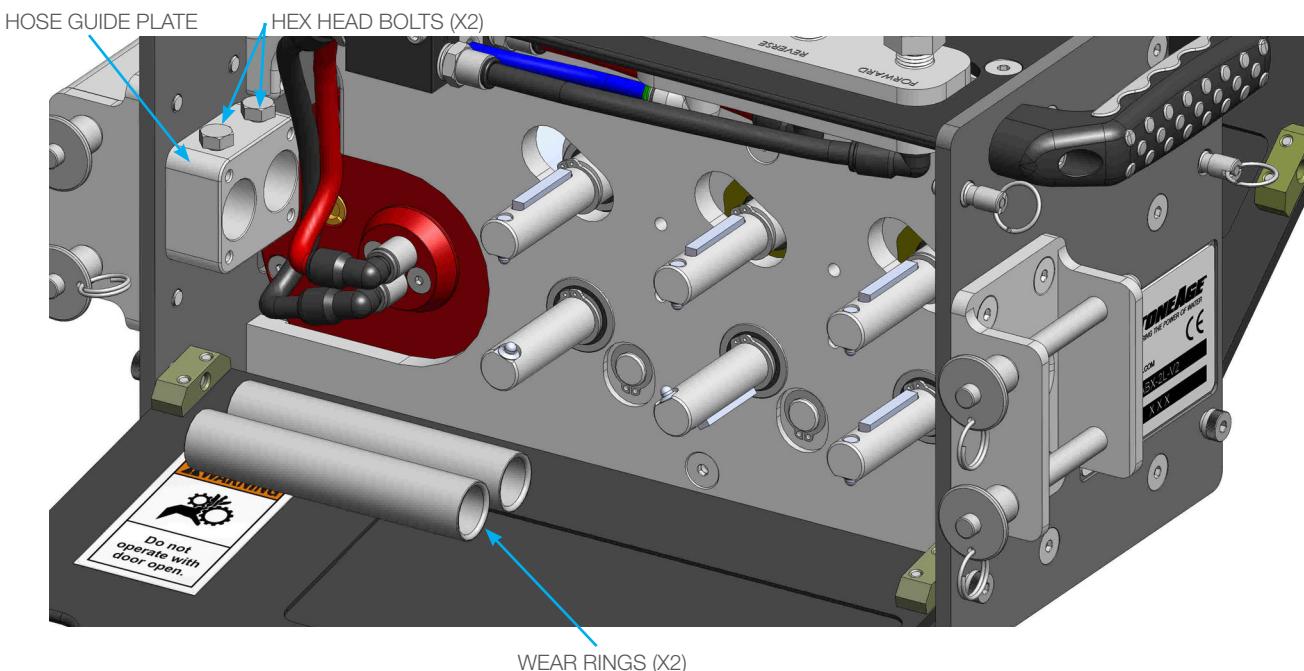
### REMOVE THE HOSE GUIDE BLOCKS:

1. Remove and retain all six .25-20 x 2.25" Socket Head Cap Screws from the 3 Hose Guide Blocks to be replaced.



### REMOVE THE WEAR RINGS:

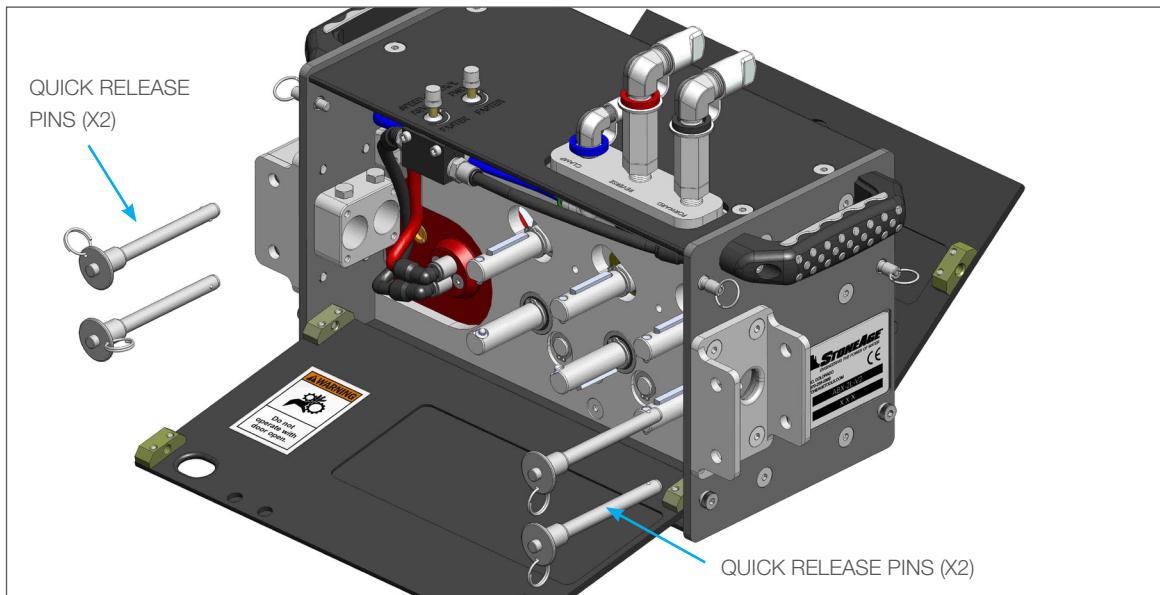
1. Remove both Wear Rings by loosening the Hex Head Bolts on the Hose Guide Plate.



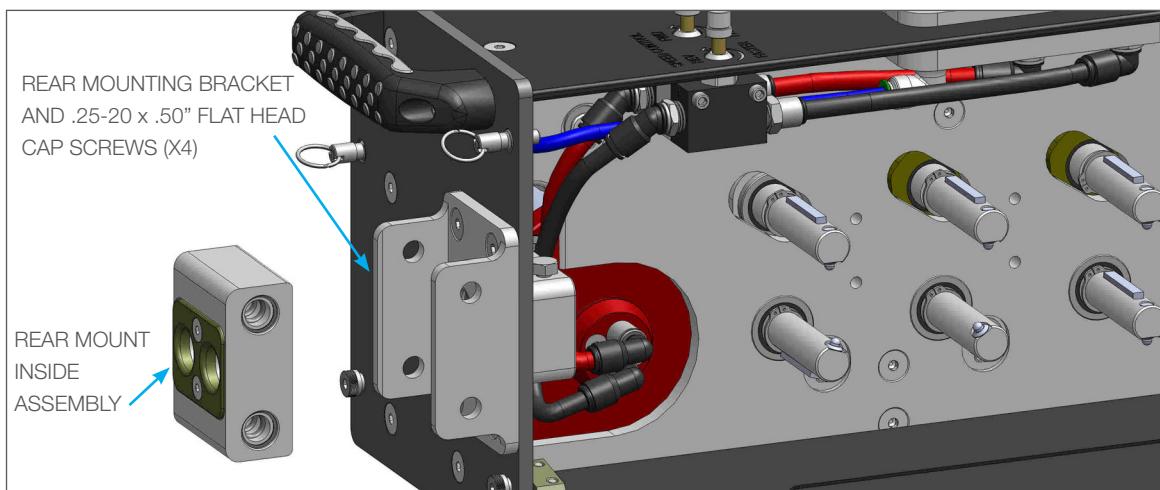
## ABX-2L UPGRADE INSTRUCTIONS DISASSEMBLY INSTRUCTIONS

### REMOVE THE MOUNTING BRACKETS AND THE REAR MOUNT INSIDE ASSEMBLY:

1. Remove and **retain** all four Quick Release Pins.



2. Remove Rear Mount Inside Assembly and Rear Mounting Bracket and **retain** all four .25-20 x .50 Flat Head Cap Screws.



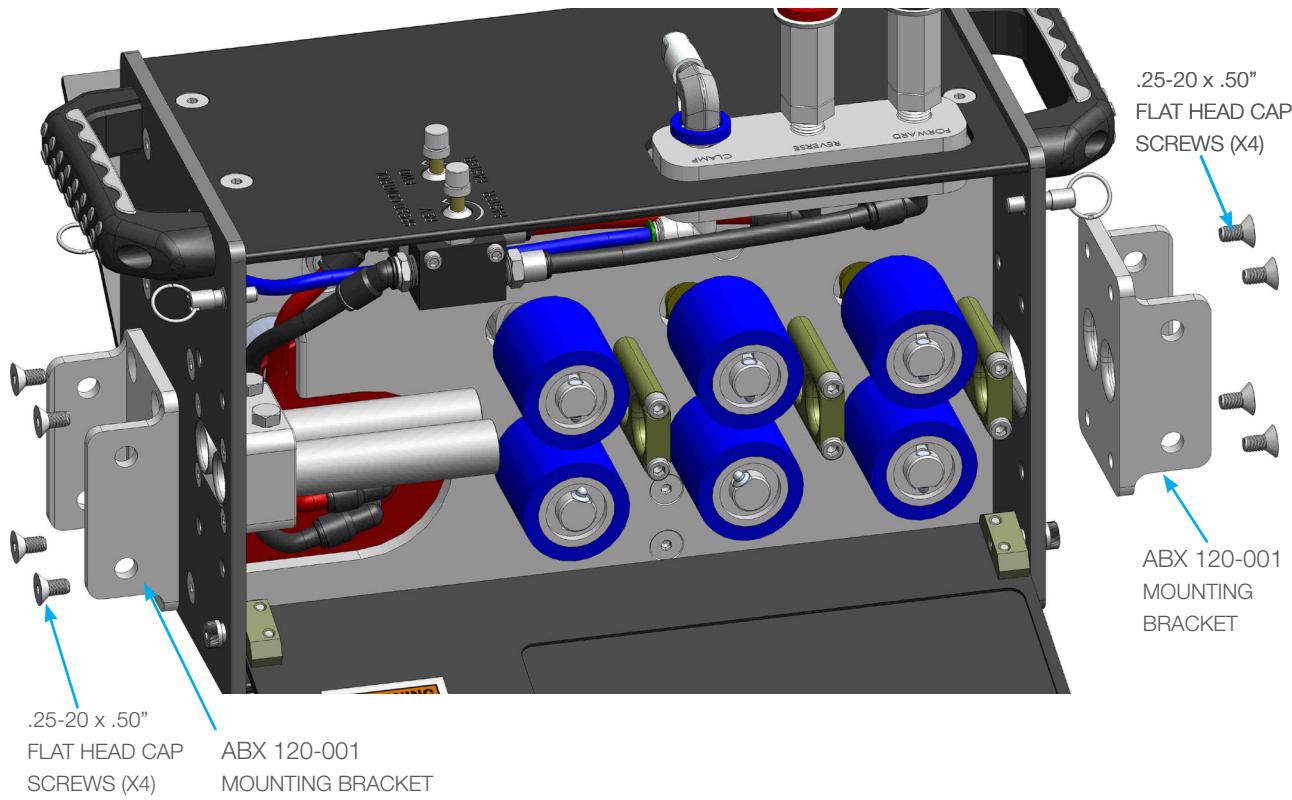
3. Remove and **retain** all four .25-20 x .50 Flat Head Cap Screws from Front Mounting Brackets.



## ABX-2L UPGRADE ASSEMBLY INSTRUCTIONS

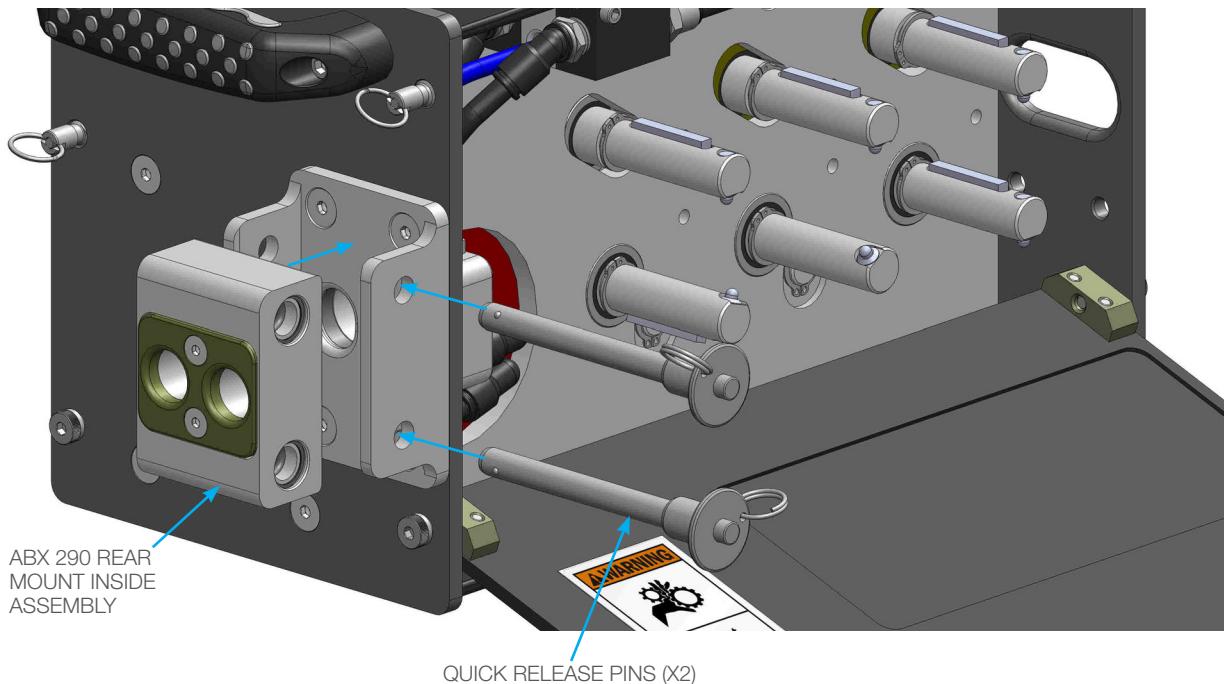
### INSTALL THE ABX 120-001 MOUNTING BRACKETS AND QUICK RELEASE PINS:

1. Install the ABX 291-001 Mounting Bracket with the eight .25-20 x .50 Flat Head Cap Screws.  
Use BLUE LOCTITE 242® OR Equivalent to secure screws in place.



### INSTALL THE ABX 290 REAR MOUNT INSIDE ASSEMBLY AND QUICK RELEASE PINS:

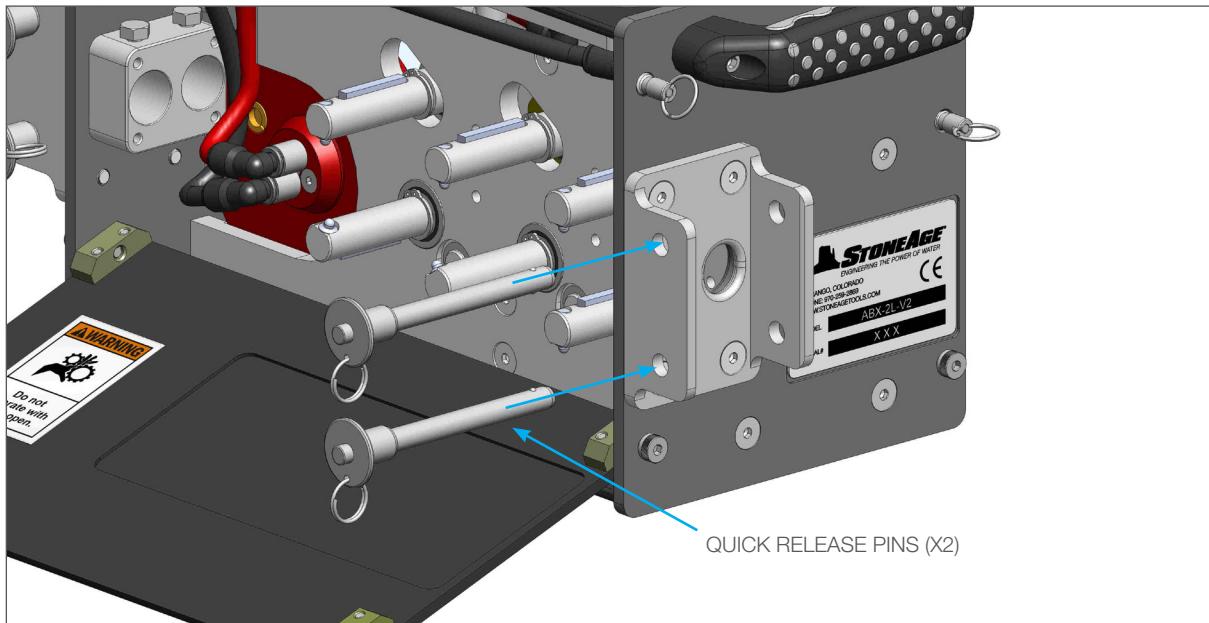
1. Install the Rear Mount Inside Assembly into the ABX 120-001 Mounting Bracket and secure with two Quick Release Pins.



## ABX-2L UPGRADE ASSEMBLY INSTRUCTIONS

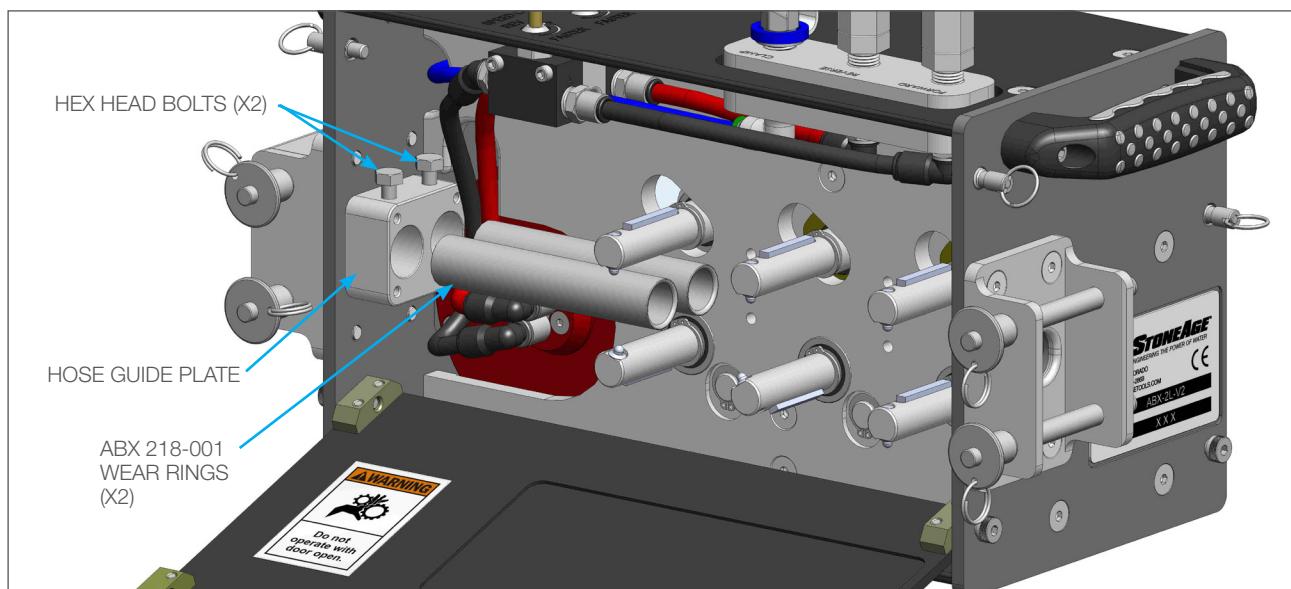
### INSTALL THE QUICK RELEASE PINS INTO THE ABX 120-001 MOUNTING BRACKET:

1. Install the Rear Mount Inside Assembly into the existing Mounting Bracket and secure with two Quick Release Pins.



### INSTALL THE ABX 218-001 WEAR RINGS INTO THE GUIDE PLATE:

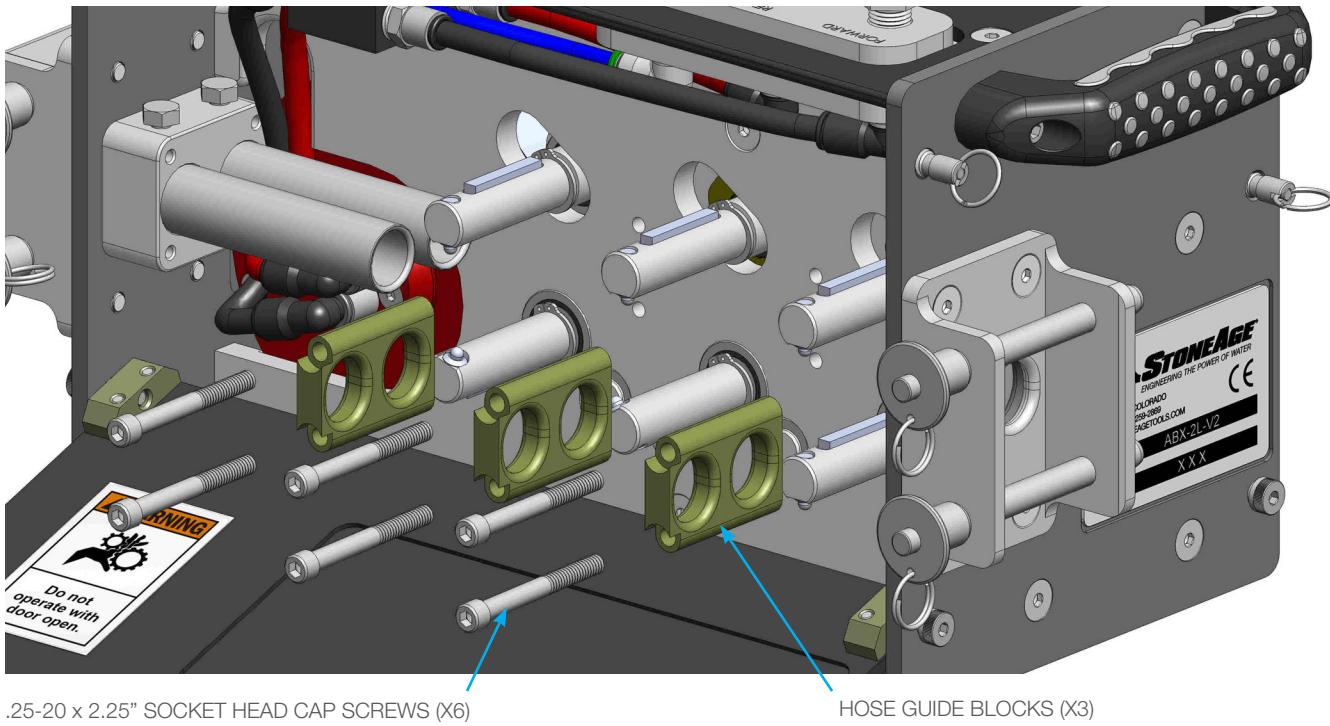
1. Install the ABX 218-001 Wear Rings into the Hose Guide Plate. Make sure the ABX 218-001 Wear Rings bottom to the back of the ABX-2L Side Plate. Tighten the two Hex Head Bolts to secure ABX 218-001 Wear Rings in place. Do NOT over tighten.



## ABX-2L UPGRADE ASSEMBLY INSTRUCTIONS

### INSTALL THE ABX 243-001 HOSE GUIDE BLOCKS:

1. Install the ABX 243-001 Hose Guide Blocks (x3) with the retained six .25-20 x 2.25" Socket Head Cap Screws.  
Use BLUE LOCTITE 242® OR Equivalent to secure screws in place.



### TO INSTALL THE ABX 273 DRIVE ROLLERS:

1. Install the ABX 273 (**BLUE**) rollers to be used with 8 mm I.D. hoses.  
The O.D. range for the ABX 273 is .52-.61 in (13.2 mm - 15.5mm)
2. Prior to reinstalling the Drive Rollers onto the shafts, apply a liberal coat of Anti-seize to the shaft OD and keys.  
We recommend Mariners Choice Never-Seez®.
3. Install the Drive Rollers by sliding into place until the spring plungers snap out.

**NOTE: Drive Rollers should be installed with the keyway facing up to prevent losing keys.**

\*\*Once the correct Drive rollers are installed, close and lock the doors. The Hose Tractor can now be installed onto the Guide Assembly.

