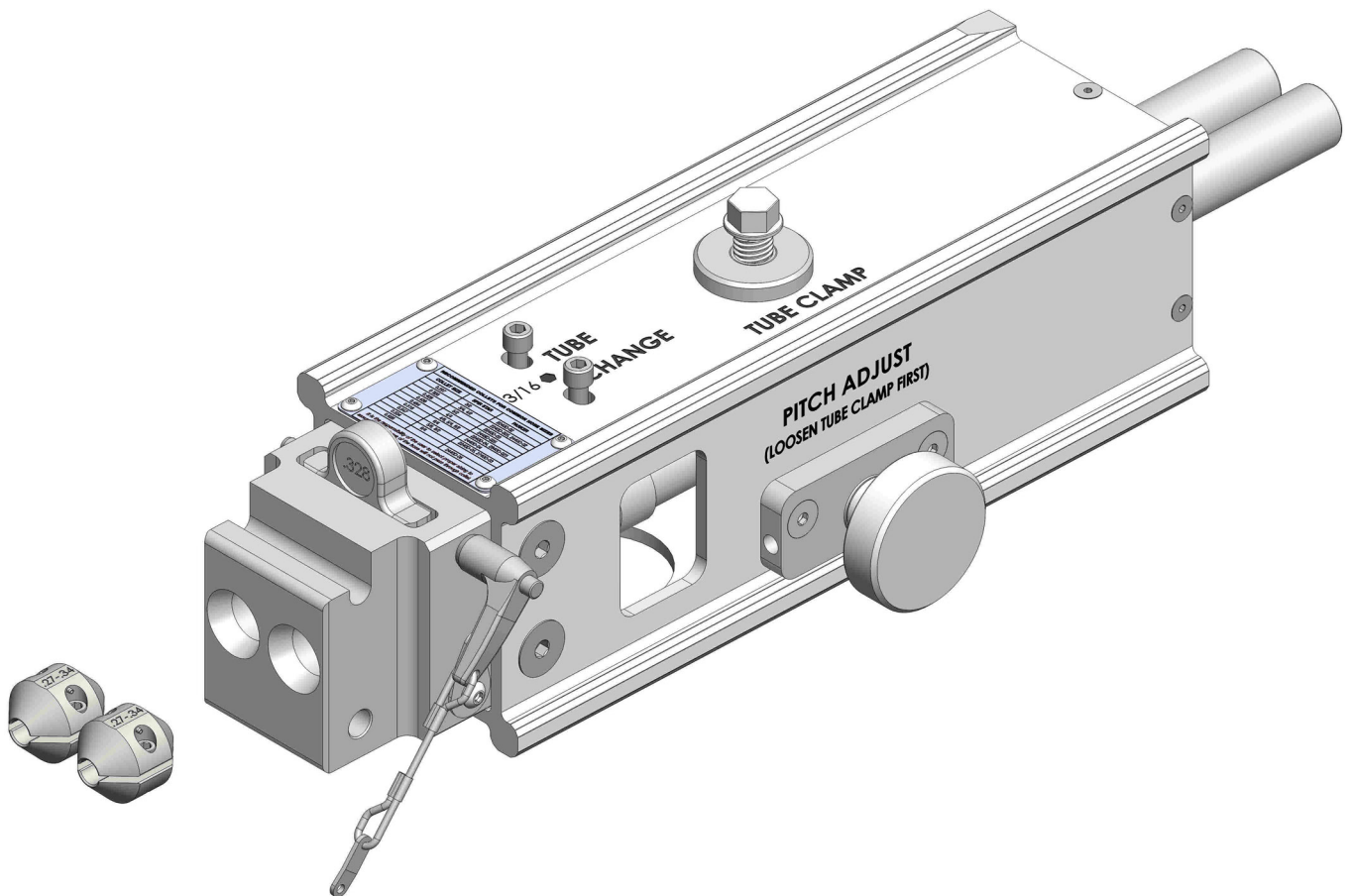
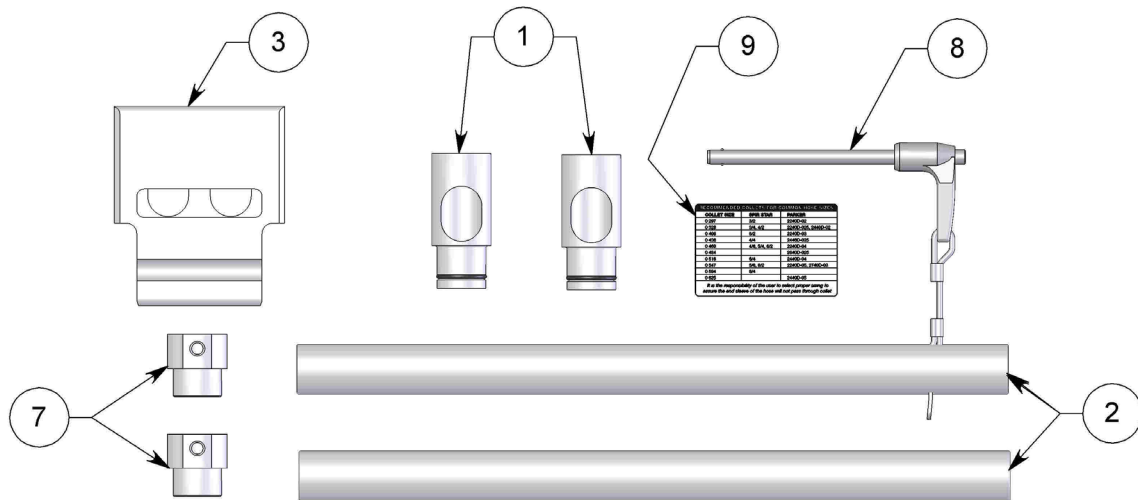


# AUTOBOX<sup>™</sup> (ABX-100-XX) HOSE GUIDE UPGRADE GUIDE



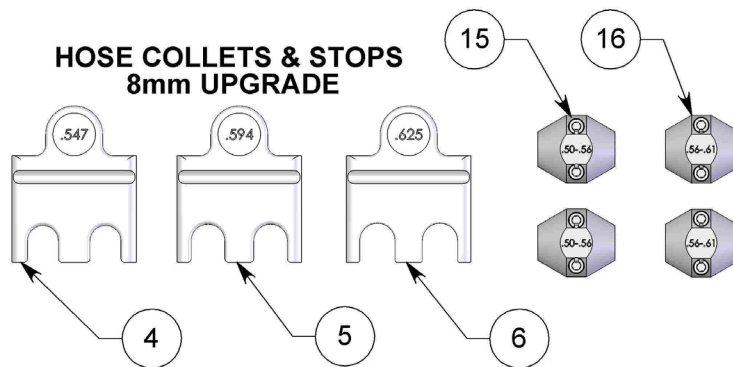
## ABX-2L UPGRADE KIT OVERVIEW

### AUTOBOX™ (ABX-100-XX) HOSE GUIDE UPGRADE PARTS



### ABX-100 8mm UPGRADE

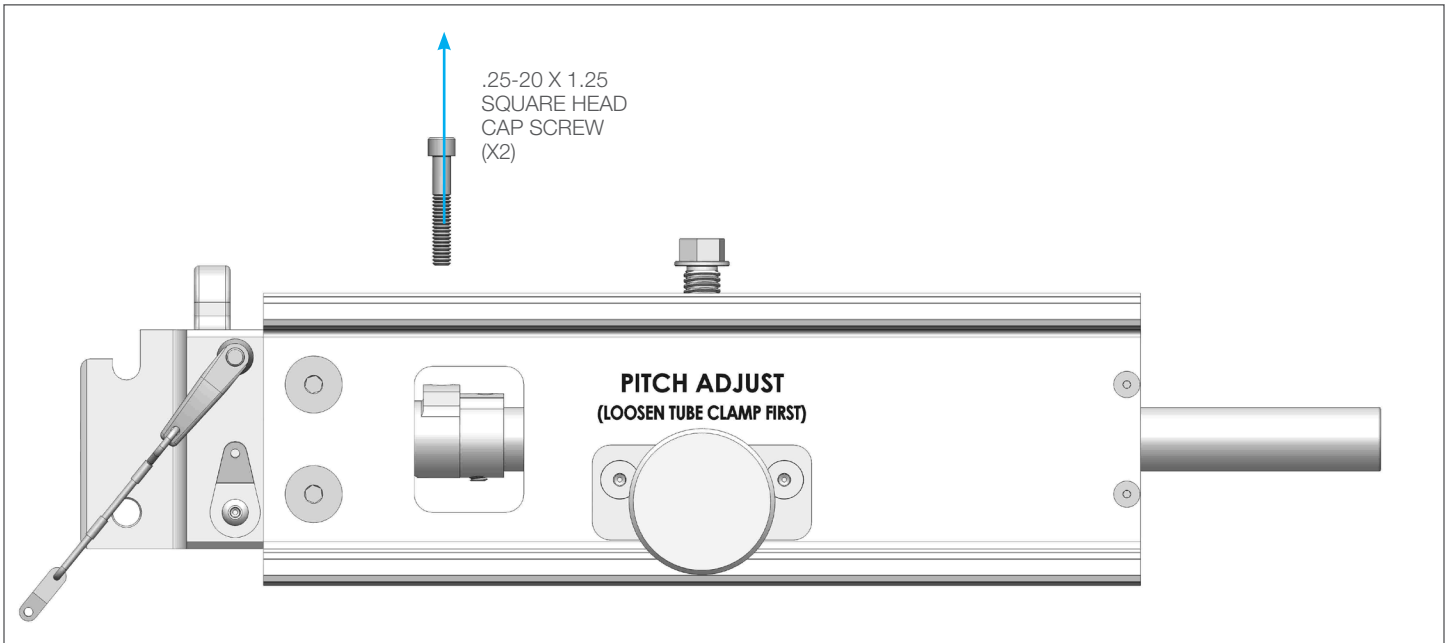
### HOSE COLLETS & STOPS 8mm UPGRADE



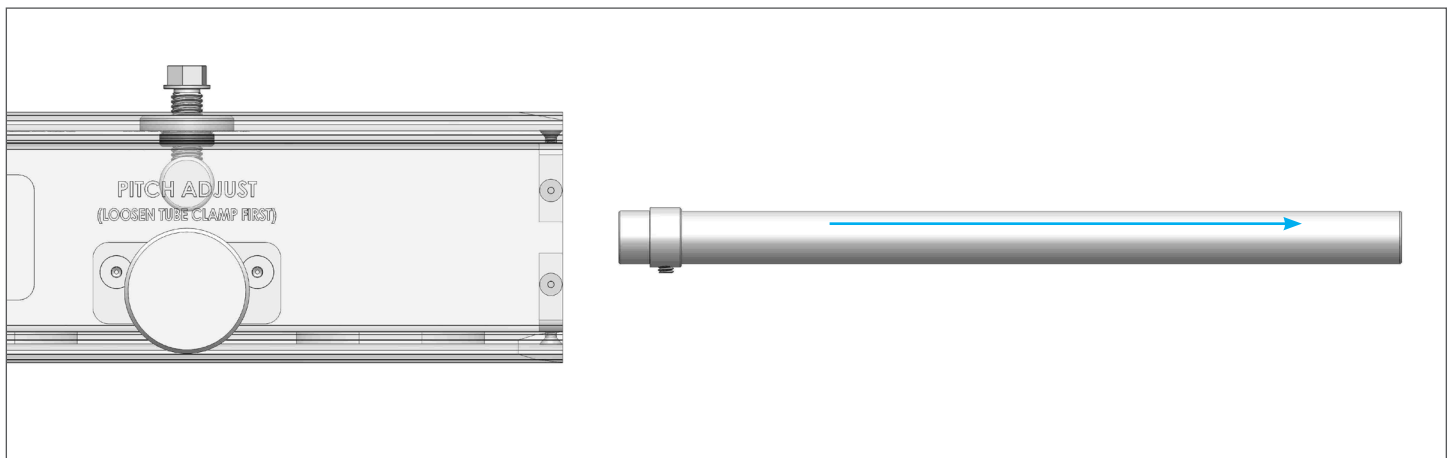
#	PART NUMBER	QTY.
1	ABX 113-001 Coupling Assy	2
2	ABX 119-XX Guide Tube, .745 ID	2
3	ABX 120-001 Mounting Bracket, Inside	1
4	ABX 121-.547 Hose Stop Collet, .547	1
5	ABX 121-.594 Hose Stop Collet, .594	1
6	ABX 121-.625 Hose Stop Collet, .625	1
7	ABX 124 Adapter, .745 ID Guide Tube	2
8	ABX 130-001 Quick-Release Pin	1
9	ABX 137-001 Collet Reference Decal	1
14	ABX 291-001 Mounting Bracket	2
15	HS 121-50-56 Hose Stop Clamp Assembly, .50-.56	2
16	HS 121-56-61 Hose Stop Clamp Assembly, .56-.61	2

### REMOVE THE GUIDE TUBES:

1. Remove and **RETAIN** two .25-20 X 1.25 SQUARE HEAD CAP SCREWS.



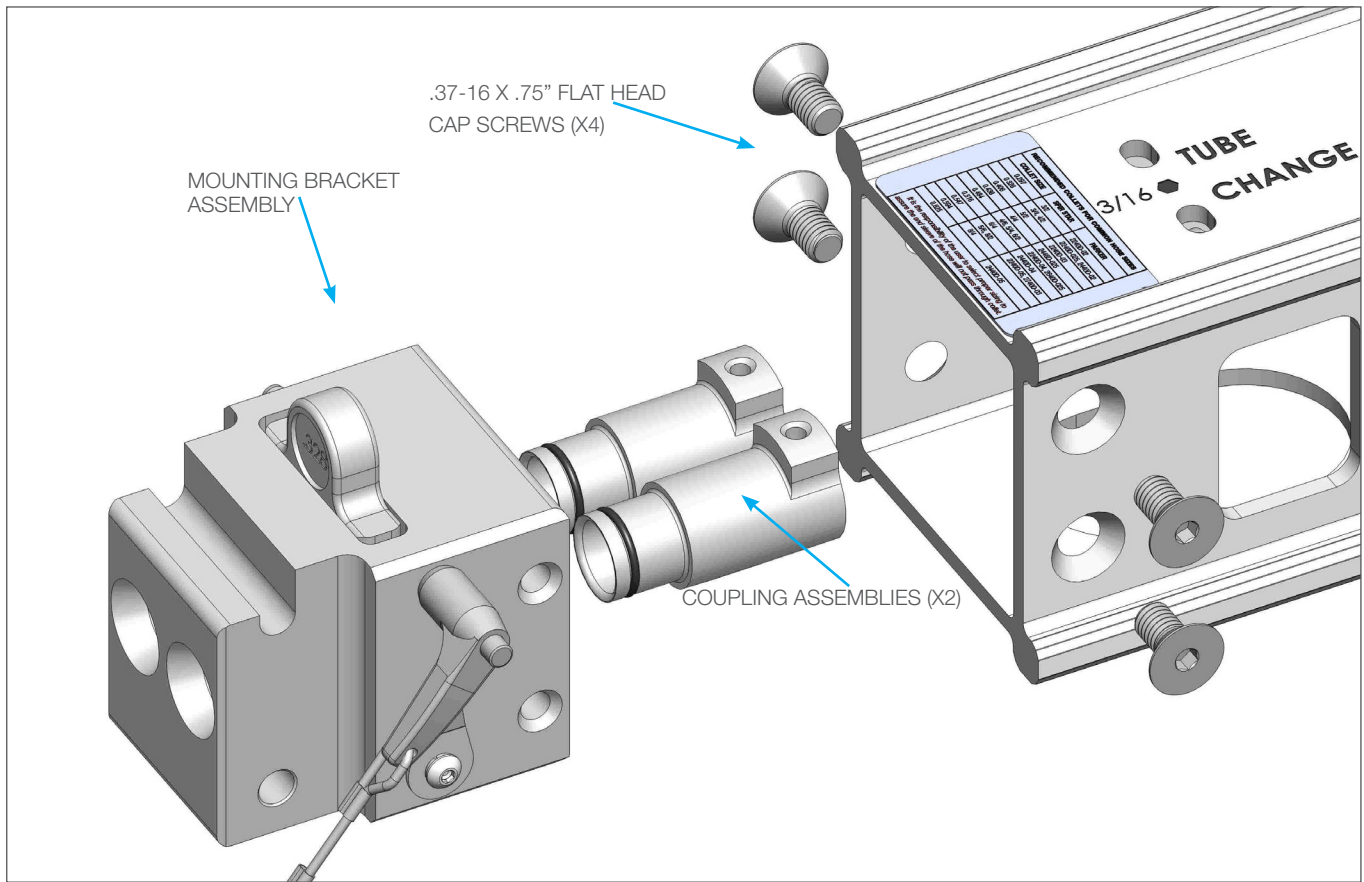
2. Remove Guide Tube with Adapter from the Housing.



## ABX-2L UPGRADE DISASSEMBLY INSTRUCTIONS

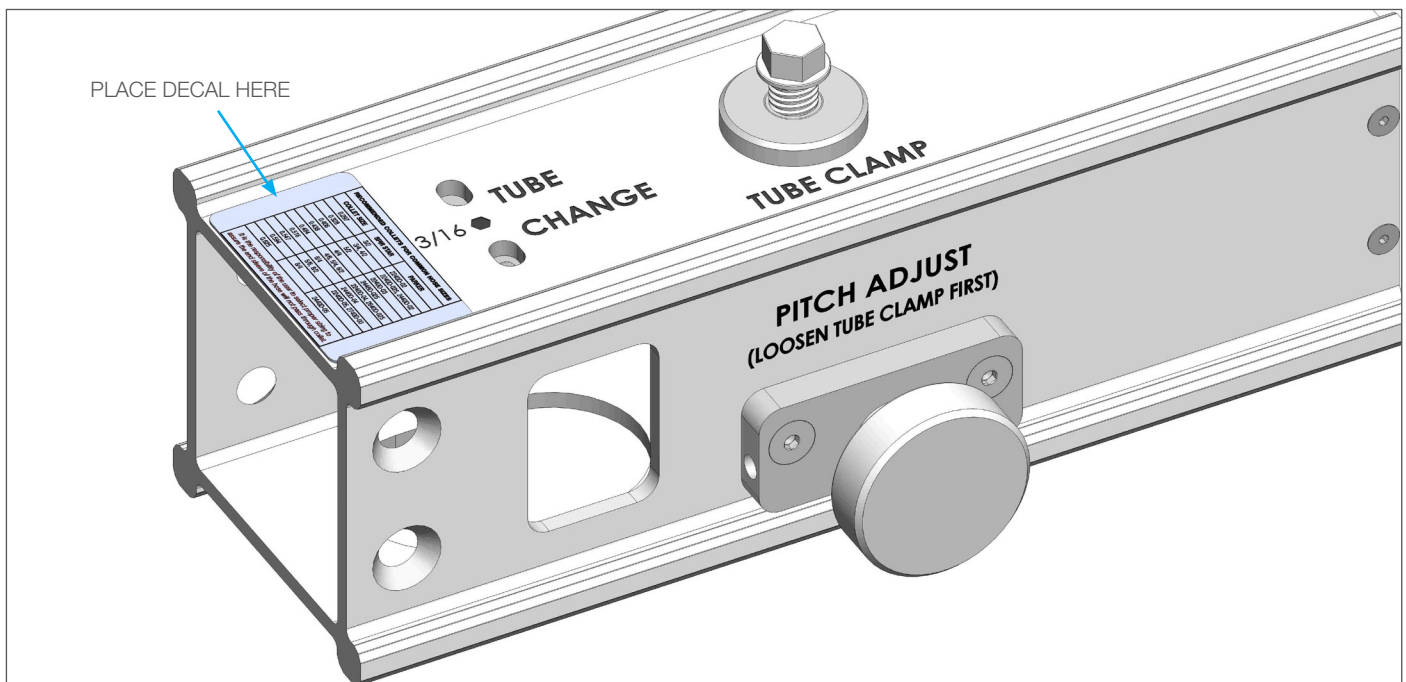
### REMOVE THE MOUNTING BRACKET ASSEMBLY AND COUPLING ASSEMBLIES:

1. Remove the Mounting Bracket Assembly and Coupling Assemblies and **RETAIN ALL SCREWS**.



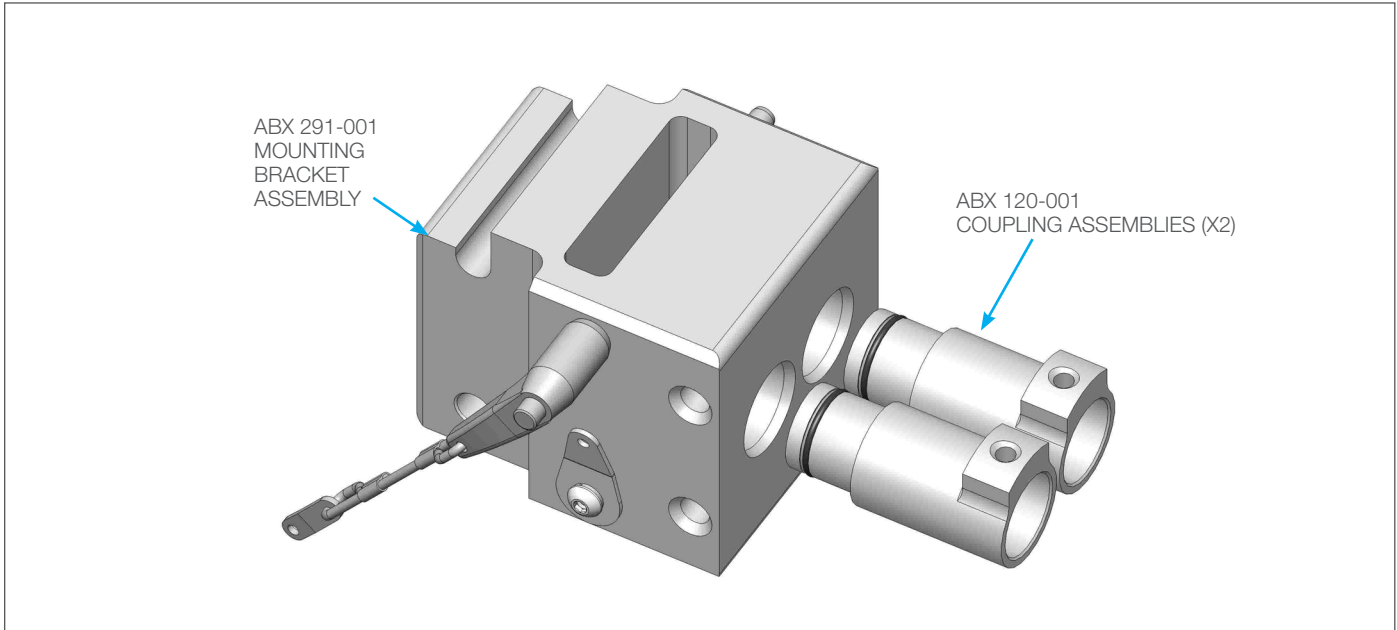
### INSTALL THE ABX 137-001 COLLET REFERENCE DECAL:

1. Clean off the existing Collet Reference Decal with alcohol. Peel the sticker off the back of the ABX 137-001 Collet Reference Decal and place it directly on top of the existing Collet Reference Decal.



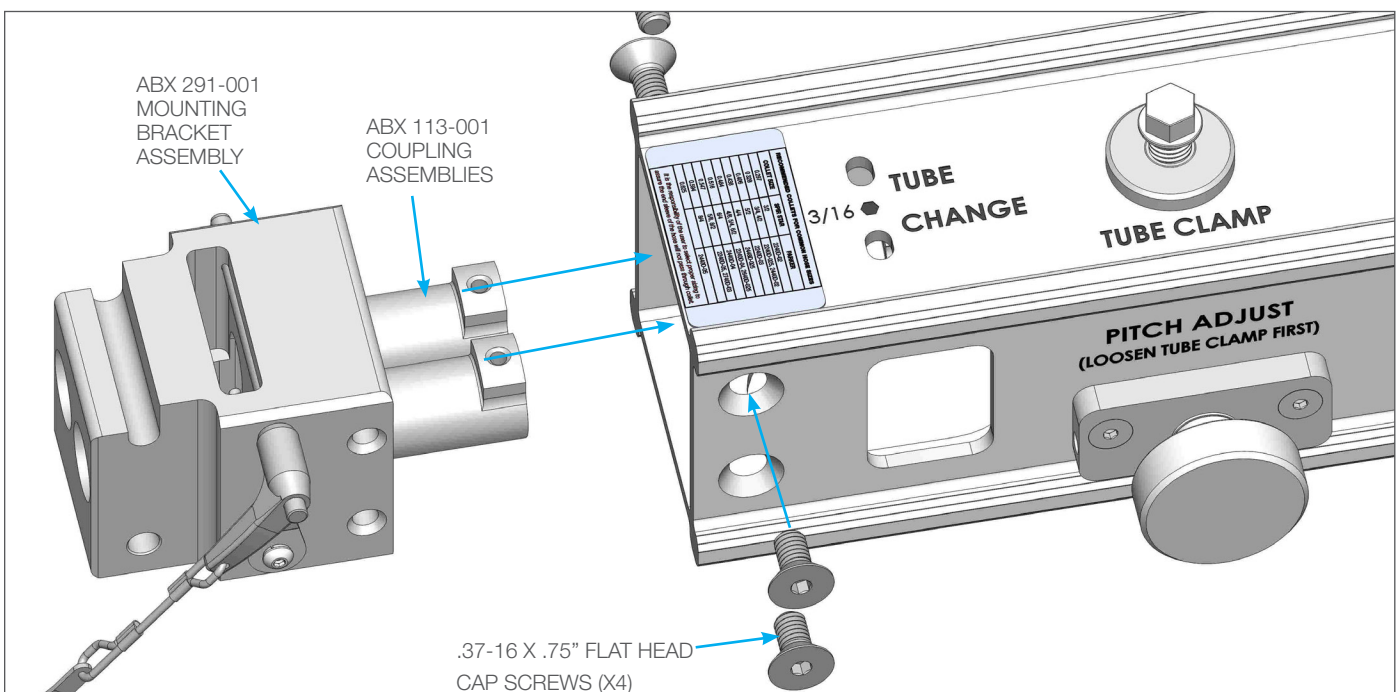
## INSTALL THE ABX 113-001 INTO THE ABX 291-001 MOUNTING BRACKET:

1. Insert the two ABX 113-001 COUPLING ASSEMBLIES into the ABX 291-001 Mounting Bracket with the threaded holes facing up as shown below.



## INSTALL THE ABX 291-001 MOUNTING BRACKET AND ABX 113-001 COUPLING ASSEMBLIES:

1. Install the Mounting Bracket with Couplings Assembly into the main Housing and fasten with the four retained .37-16 X .75" FLAT HEAD CAP SCREWS. Use **BLUE LOCTITE 242® OR Equivalent to secure screws in place.**

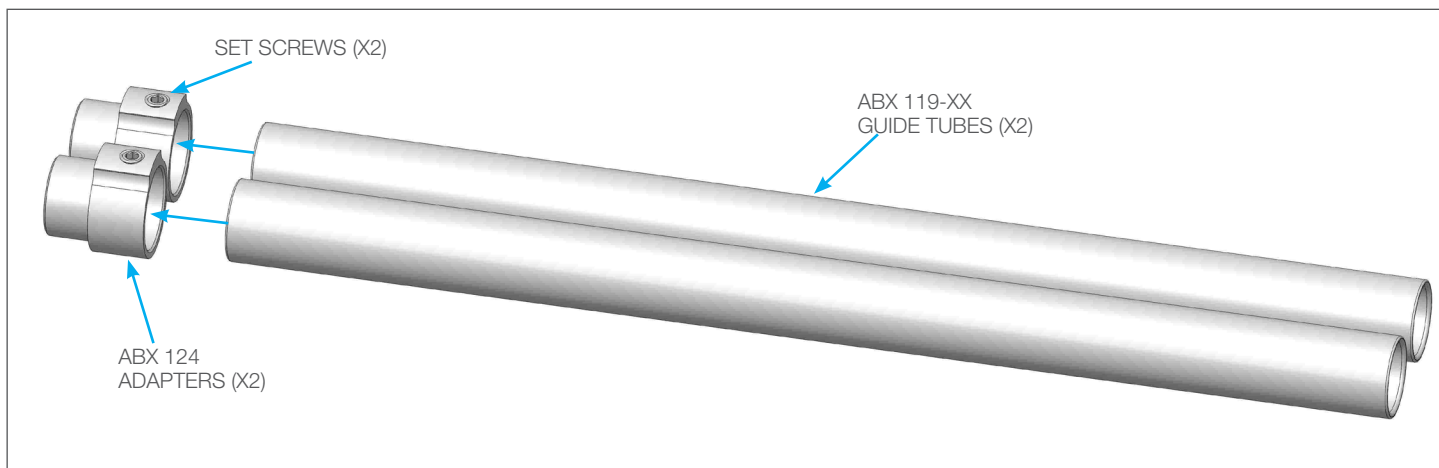




## ABX-2L UPGRADE ASSEMBLY INSTRUCTIONS

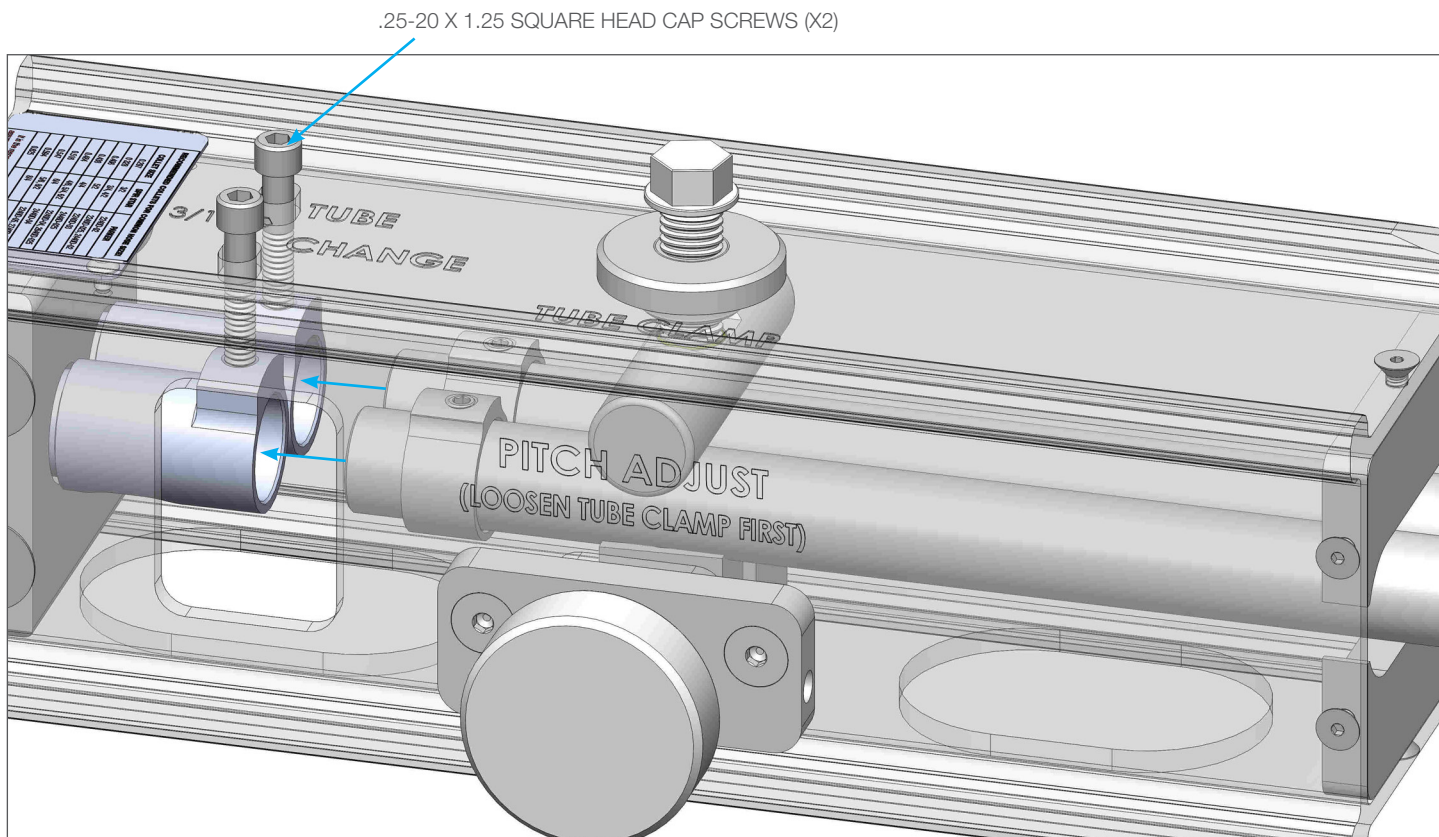
### INSTALL THE ABX 124 ADAPTERS ONTO THE ABX-119-XX GUIDE TUBES:

1. Loosen the set screws on the ABX 124 Adapters. Insert the two ABX 119-XX Guide Tubes into the two ABX 124 ADAPTERS. Tighten the set screws on the Adapters to secure the Guide Tubes.



### INSTALL THE GUIDE TUBE AND ADAPTER ASSEMBLIES INTO THE ABX 113-001 COUPLING ASSEMBLIES:

1. Install the two GUIDE TUBE and ADAPTER ASSEMBLIES into the ABX 113-001 COUPLING ASSEMBLIES. Install the two retained .25-20 X 1.25 SQUARE HEAD CAP SCREWS (X2) and tighten to secure the Guide Tubes in place.

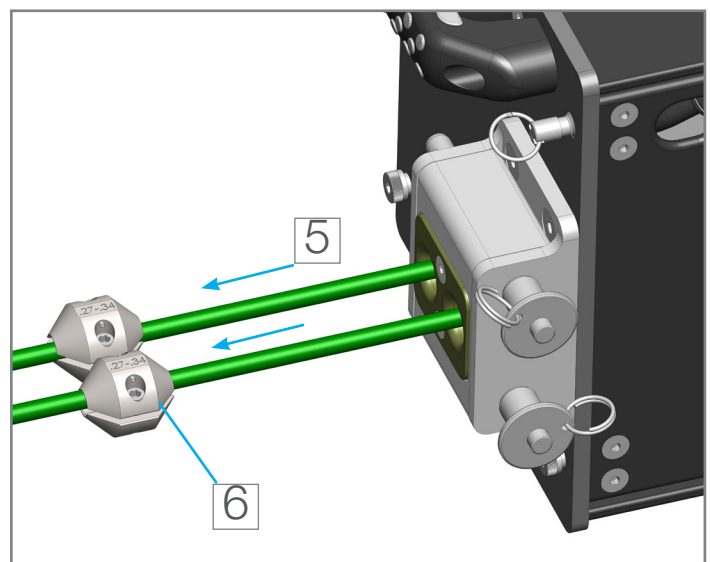
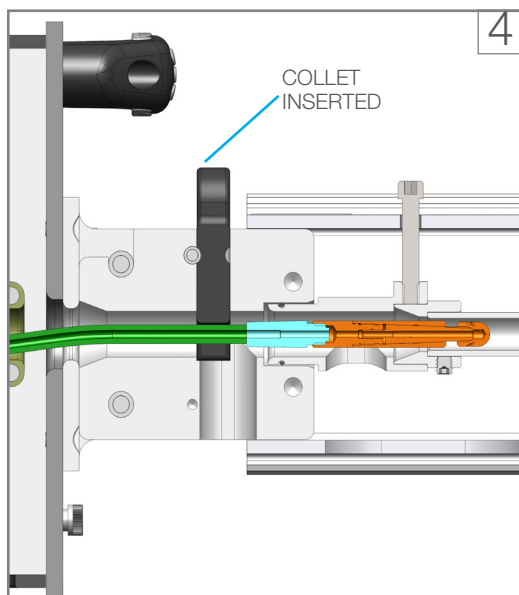
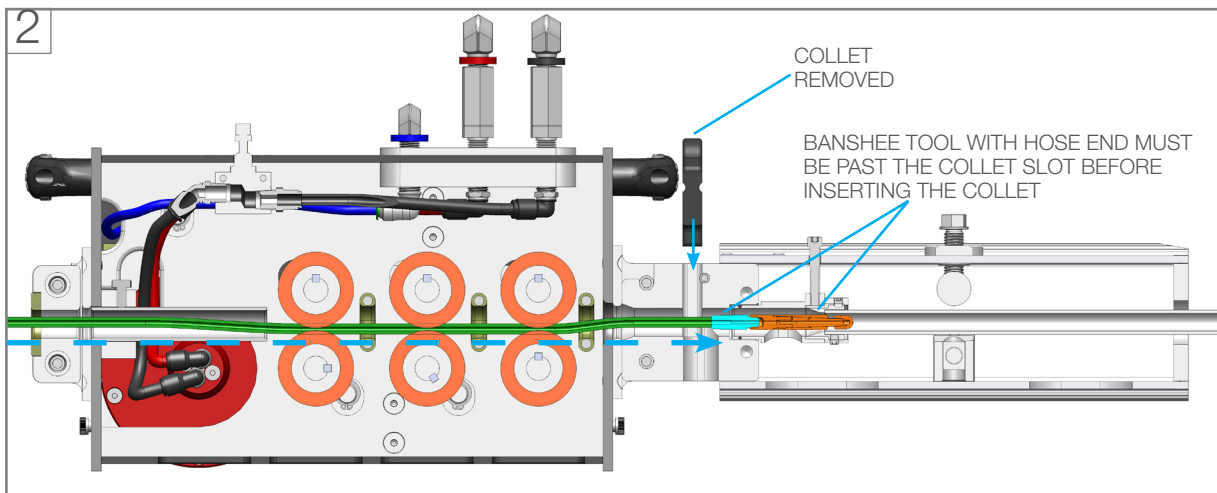
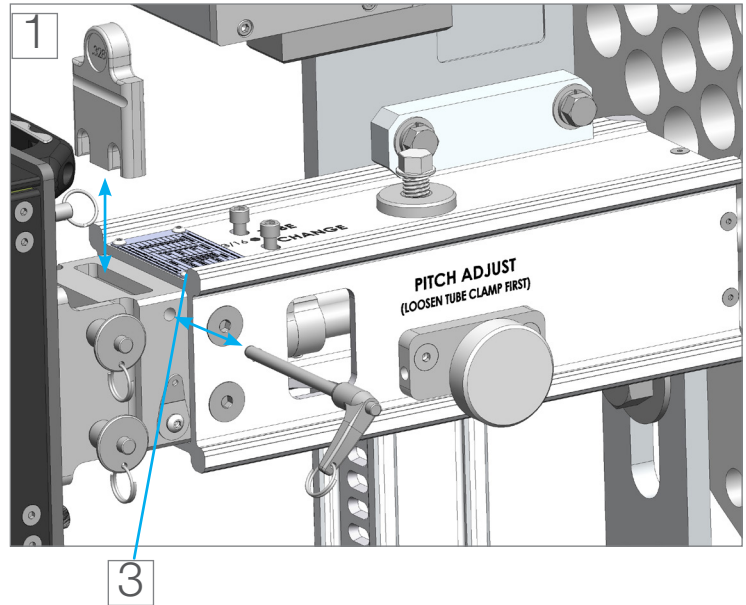


## COLLET INSERTION, HOSE, AND HOSE STOP INSTALLATION

1. Remove Quick Release Pin and pull out existing Collet.
2. Insert Banshee tool on hose through the AUTOBOX™ (ABX-2L-V2) Hose Tractor, and hose guide assembly. Be sure that the Banshee tool and hose end pass the location of the Collet.
3. Select the appropriate Collet for the hoses to be used. (See "Recommended Collets For Common Hose Sizes" plaque on the ABX-100 Hose Guide.)
4. Install the Collet and quick release pin.
5. Pull on the hoses from the back of the AUTOBOX™ (ABX-2L-V2) Hose Tractor to ensure that the Collet does not allow the Banshee to back out of the Guide or Hose Tractor.
6. To install hose stops, push tool through until the tips are 1-2" (2.5-5 cm) past the end of the tube bundle. Loosely install the stop, then push toward the mounting bracket and tighten in place.

### ⚠ WARNING

Appropriate size Collet selection is **CRITICAL** to ensuring proper anti-withdrawal prevention of the tool.





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