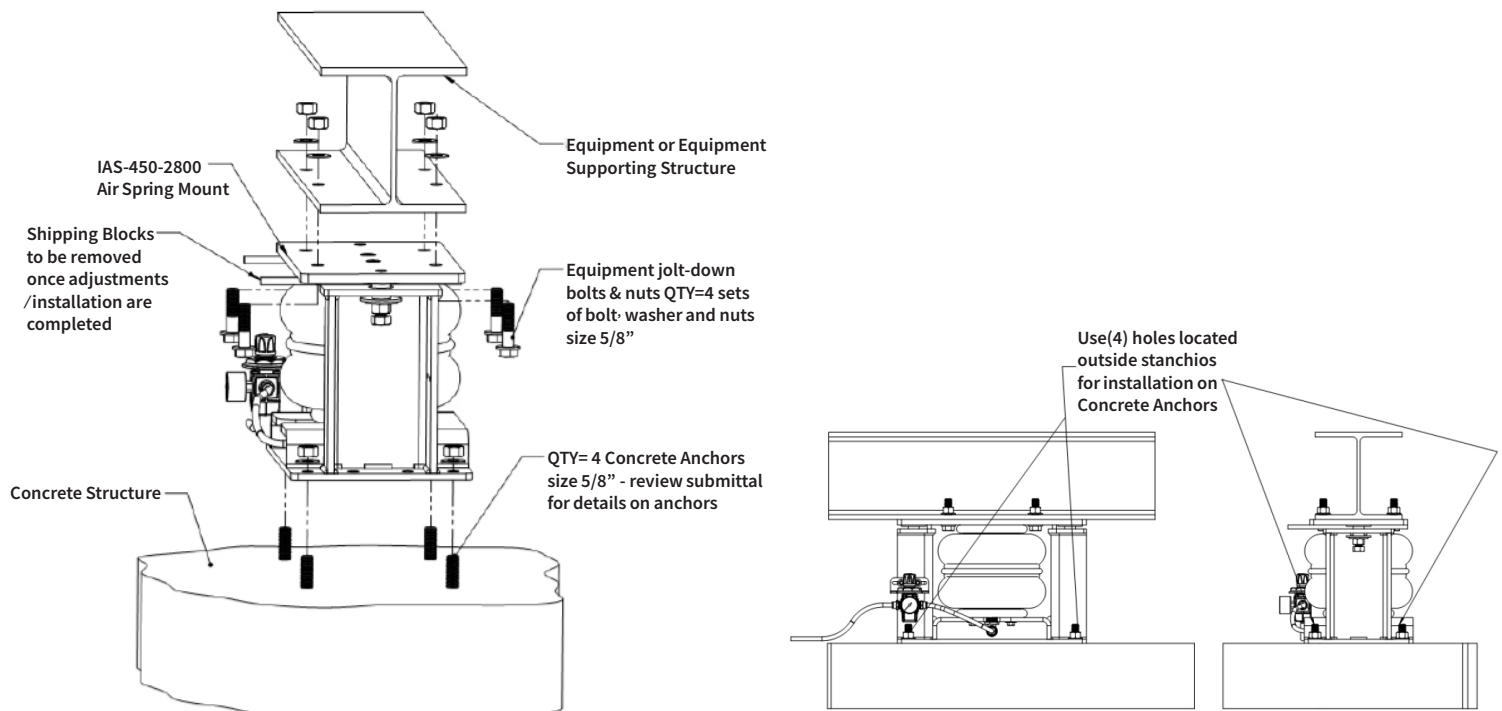


INSTALLATION INSTRUCTIONS NON-SEISMIC APPLICATIONS

** The following steps must be followed carefully for proper installation:

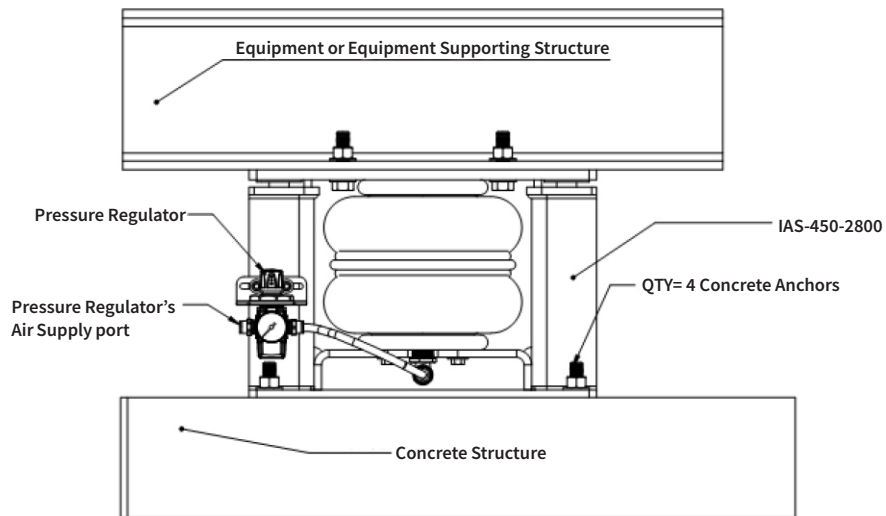
1. **DO NOT REMOVE** Spacers/Shipping Blocks from isolators until step #10 as they are the key indicators for proper adjustment on springs
2. Refer to submittal package prepared by ISOTECH Industries and locate each isolator based on model # and identification tag provided
3. Secure Isolators to the supporting structure using (4) four 5/8" dia. concrete anchors. Anchors to be installed diagonal. Use holes that are located outside stanchions
 - a. Seismically rated anchors are the preferred choice
4. Use crane, gantry or other proper lifting machine to elevate equipment and/or equipment supporting structure
5. Carefully lower the equipment and/or equipment supporting structure and properly locate it on top of isolators. Use (4) four 5/8" dia. bolts to secure the equipment and/or equipment supporting structure to each isolator
6. **DO NOT** shift or move isolators laterally when equipment weight is supported by isolators.
7. Ensure isolator top plate is fully covered by equipment and/or equipment supporting structure as shown in pictures below. For installations where less than 80% of isolator top plate is covered, refer to Step 11 shown on the third page:



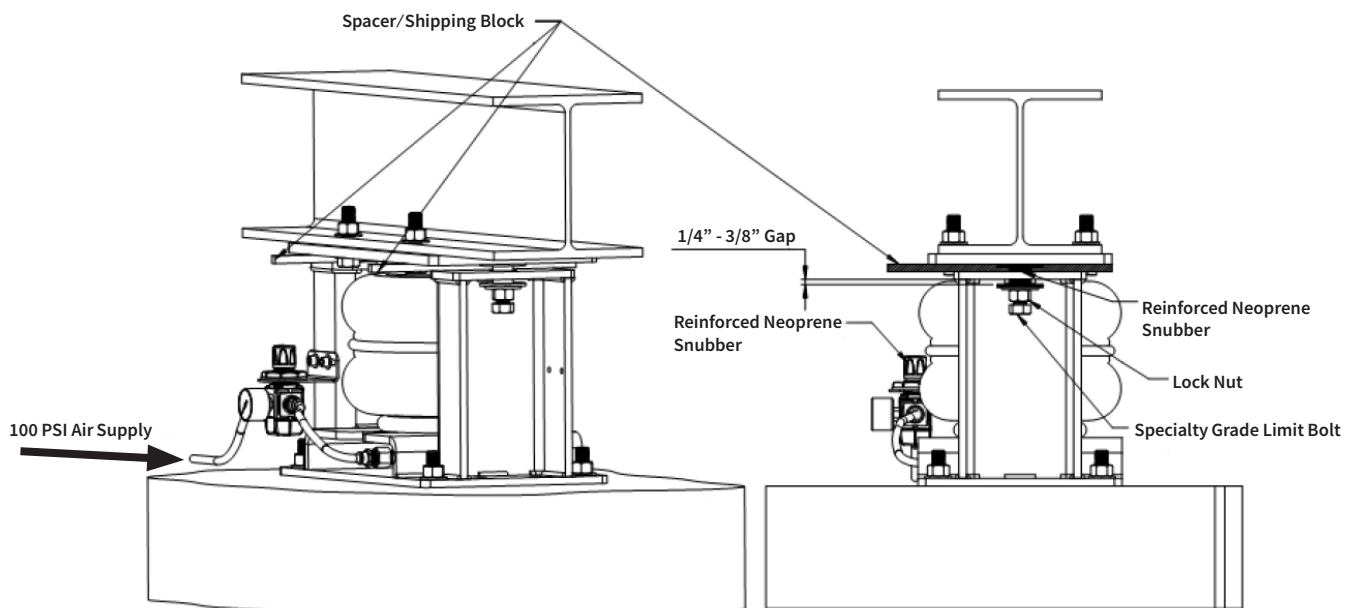
INSTALLATION INSTRUCTIONS NON-SEISMIC APPLICATIONS

** The following steps must be followed carefully for proper installation:

8. Connect 3/8" pneumatic hose to IAS Pressure Regulator's Air Supply Port for all isolators. Compressor (by others) must produce minimum 100 psi pressurized air and connecting hoses from compressor to isolators (by others) must be rated for 100 psi and for outdoor installation:

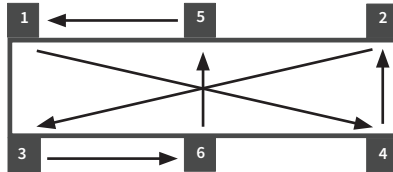


9. Loosen the two **Lock Nuts** located inside each stanchion as shown in the picture and move it down to have 1/4" to 3/8" gap between washer and bottom of **Isolator Reinforced Neoprene Snubbers on both sides**



INSTALLATION INSTRUCTIONS NON-SEISMIC APPLICATIONS

10. With spacers/Shipping Blocks in place, follow star pattern sequence shown below and turn **Adjustment Knob** on **Pressure Regulator** and set the pressure for air spring to **the amount specified on submittal, until Spacers/Shipping block can be removed easily. Maximum gap between Isolator top plate and stanchion limit plate is 3/8"** - Remove Spacers accordingly.



STAR PATTERN ORDER: 1, 4, 2, 3, 6, 5, & 1

DYNAMIC CHARACTERISTICS OF AIR SPRING (AIR BAG) AT 8.5 IN. DESIGN HEIGHT

VOLUME @ 100 PSIG=376 in ³			NATURAL FREQUENCY	
GAGE PRESSURE (PSIG)	LOAD Lbs.	Lbs./in.	CPM	HZ
20	450	185	123	2.04
40	990	414	121	2.02
60	1,540	615	119	1.98
80	2,130	820	116	1.94
100	2,720	996	114	1.89

