

# ICSS-5 INSTALLATION INSTRUCTIONS ATTACHMENT TO STEEL

File No.: ISOIN-ICSS-5-200-5000

Date: 22/12/15

#### INSTALLATION INSTRUCTIONS

ICSS-5-200-5000 Restraint/Isolators are Pre-Compressed products. Isolator Top plate is under pressure caused by compressed springs. The following steps must be followed carefully for proper installation:

- 1. <u>Do not remove</u> 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. bolts.
- a. Refer to submittal package if isolators are supported by concrete structure for anchor size and installation instructions
- 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
- (2) two 1/2" 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:



Fig 2.

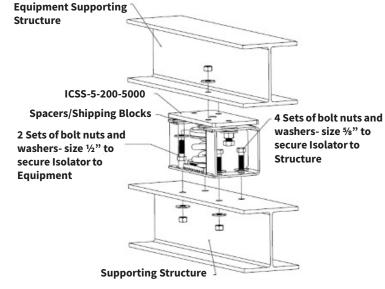


Fig 1.

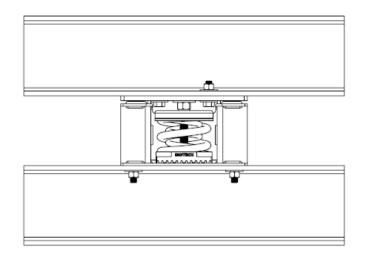


Fig 3.

| PROJECT INFORMATION | EQUIPMENT INFORMATION | Canada location   | USA Location                           |
|---------------------|-----------------------|---|--|
| Customer:           | Type:                 | 35 Silton Road  | 3021 E Coronado St. Anaheim, CA.,92806 |
| Project:            | Qty Required:         | Woodbridge ON<br>L4L 7Z8 CANADA                         |  |
| Drawing No:         | Operating Weight:     | T: 905-856-5001   | U.S.A<br>T: 949-788-2930               |
| Notes:              |                       | Tool free : 1-888-831-3311<br>www.isotechindustries.com |  |

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# **ICSS-5** INSTALLATION INSTRUCTIONS ATTACHMENT TO STEEL

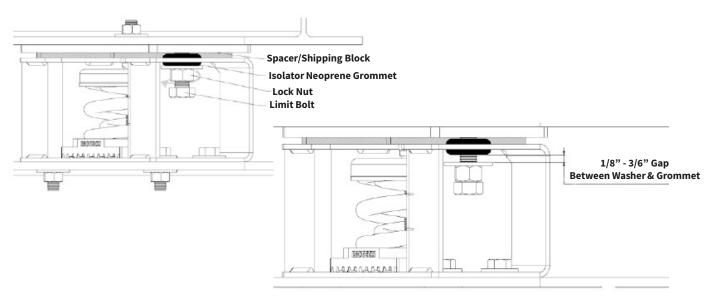
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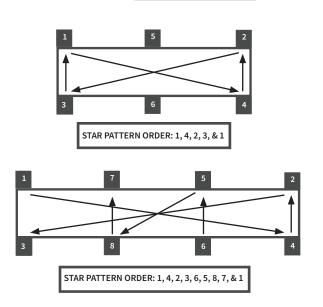
#### INSTALLATION INSTRUCTIONS

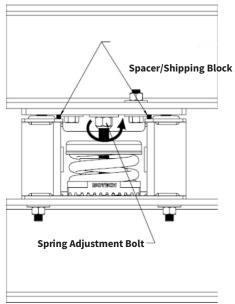
ICSS-5-200-5000 Restraint/Isolators are Pre-Compressed products. Isolator Top plate is under pressure caused by compressed springs. The following steps must be followed carefully for proper installation:

8. Loosen the two <u>Lock Nuts</u> located inside each stanchion as shown in the picture and move it down to have 1/8" to 3/16" gap between washer and bottom of <u>Isolator Neoprene Grommet</u>



9. With Spacers/ Shipping Blocks in place, follow star pattern sequence shown below and turn **Spring Adjustment Bolt** one or two turns on each isolator. DO NOT turn **Spring Adjustment Bolt** more than two turns at a time





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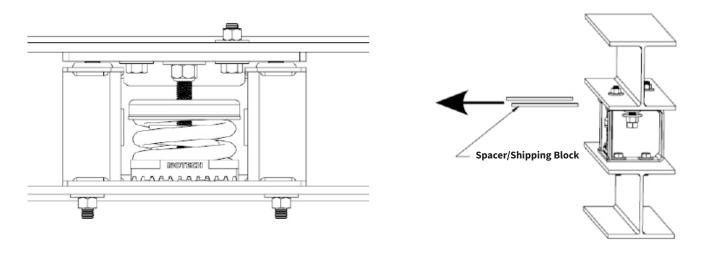
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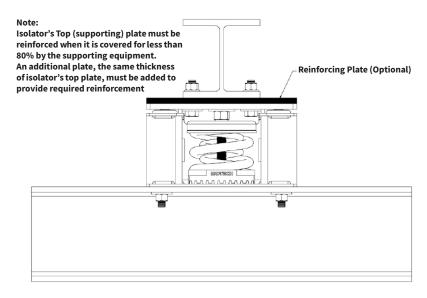
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10. Follow Star Pattern Sequence until Spacers/ Shipping Blocks can be removed easily



- 11. Installations where Equipment supporting structure or equipment footing covers less than 80% of isolator top plate:
  - Add a reinforcing plate, with the same dimensions of isolator top plate, on top of isolator top plate as shown below:



• Continue Installation by following Steps 8 through 10

| PROJECT INFORMATION | I EQUIPMENT I | EQUIPMENT INFORMATION |  | USA Loca                                   |
|---------------------|---------------|-----------------------|--|--|
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| Project:            | Qty Required  |                       |  |  |
| Drawing No:         | Operating We  | ght:                  |  |  |
| Notes:              |               |                       |  | free : 1-888-<br>isotechindu               |

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Coronado St. 🗖 n, CA.,92806 788-2930



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