

tel: 416-291-7371 1-800-565-8401  
fax: 416-291-8049 1-888-811-2264

web: www.vibro-acoustics.com  
eml: info@vibro-acoustics.com

File No.: INS-RRK-V-003

Date: 9 Jul 2013

Supersedes: INS-RRK-V-002

Date: 31 Dec 2012

## INSTRUCTIONS

1. Locate restraint position and direction as shown in the submittal package.
2. Locate the position on the structure for attaching the rigid restraint bracket at  $45^\circ (\pm 10^\circ)$  from the component connection.
3. **For transverse or longitudinal-only restraints (shown as a straight line on floor plan markups):** This point can be estimated easily by measuring the vertical distance from the structure to the restraint attachment point on the component ①, then measuring that distance along the structure either inline with the component ② (for longitudinal restraints) or perpendicular to the component ③ (for transverse restraints).
4. Insert the special grade bolt from one side of the bracket and attach the channel nut halfway (Figure A)
5. Slide the strut over the channel nut and pass the bolt through the hole on the other side. Turn the bolt clockwise and apply 50 ft-lb (70 N-m) torque to clamp the bracket to the strut. (Figure B)
6. Secure the assembly by adding the hex nut on the other side (Figure C)
7. The capacity of rigid restraint brackets are based on ten-foot long struts. If the strut needs to be over ten foot, please contact factory for details.
8. Attach the bracket to the structure using the attachment method indicated in the submittal package (e.g., seismically-rated concrete anchor bolts).
9. Attach the second bracket to the strut and to the component as indicated in the submittal package.
10. Tighten all connections and check that component is positioned correctly (e.g., straight and level). Restraint should carry no gravity load of component.

