

STATIC LOAD TESTING PROCEDURE FOR PDI WALL BRACKET INSTALLATION VALIDATION

This tool (PD219-136) can be purchased from PDi and should only be used by authorized persons trained specifically for this procedure.



The loading method is as follows:

1. The load will be applied with a beam type torque wrench.
2. The applied load will be 56 pound-ft.
3. The applied loads will be held for thirty seconds.

Test procedure:

1. Insert the pin of the torque arm into the wall bracket.
2. Verify that the pin is completely seated into the wall bracket bushing.
3. Position the torque arm to be perpendicular to the wall in the horizontal plane.
4. Apply the load to the torque arm.
5. Inspect the attachment for changes. These can include a loosening of the wall bracket to wall joint. This can include any movement of the wall bracket relative to the originally installed position.
6. Repeat the load application, steps 4 and 5, with the torque bar rotated 90 degrees to the left and 90 degrees to the right of center.
7. Inspect the installation after each load test.
8. If any part of the test is not passed, the installation must be evaluated for a solution before clear for operational use.

