Installation Instructions for the 213.40 - 2½” Panel Mount Kit

In order to field install a model 213.40 2 ½” center back mount in a panel using a u-clamp, a panel mount kit is required. The panel mount kit comes with a profile ring, a u-clamp bracket, and two case screws (see Picture 1). In order to install the profile ring, the existing cover ring must be removed from the gauge. The tools required to install the panel mount kit include a box cutter or hack saw, a large flat head screwdriver and a small flat head screwdriver.

Step 1. Score the side of the cover ring with either a box cutter or a hack saw until you are almost completely through the cover ring (see Pictures 2 and 3).

Picture 1

Two case screws (not to scale)

Profile Ring

U-Clamp

Picture 2

Box Cutter

Picture 3

Hack Saw
Step 2. Insert the large flat head screw driver between the case and the cover ring and pull up in order to loosen the cover ring (see Picture 4). Note: do not insert the screw driver too far under the cover ring or you may damage the window ring.

Picture 4

Step 3. Slide the profile ring over the front of the gauge. Make sure to line up the cut out on the profile ring with the fill plug (see Pictures 5A & 5B).

Picture 5A

Picture 5B

Cut-out that needs to be aligned with the fill plug

Step 4. Mount the profile ring to the side of the gauge using the screws provided in the panel mount kit (see Pictures 6 and 7).

Picture 6

Picture 7

Step 5. Place the gauge into the panel so that the profile ring is flush with the panel surface (see Picture 8).

Picture 8
Step 6. Place the flat side of the u-clamp inside the circular groove of the socket (see Pictures 9 and 10).

Picture 9

Step 7. Once the u-clamp is in the groove of the socket, turn the u-clamp 45° to lock into place (see Picture 11).

Picture 10

Picture 11

Step 8. Evenly tighten the screws on each side of the u-clamp in order to secure the gauge to the panel (see Picture 12).

Picture 12

If ordered from the factory
If the gauge is ordered from the factory with a u-clamp, then the gauge will come with the profile ring already installed. This profile ring is slightly different from the one in the kit as it comes crimped onto the gauge instead of screw retained (see Picture 13).

Picture 13

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