

AD353-107

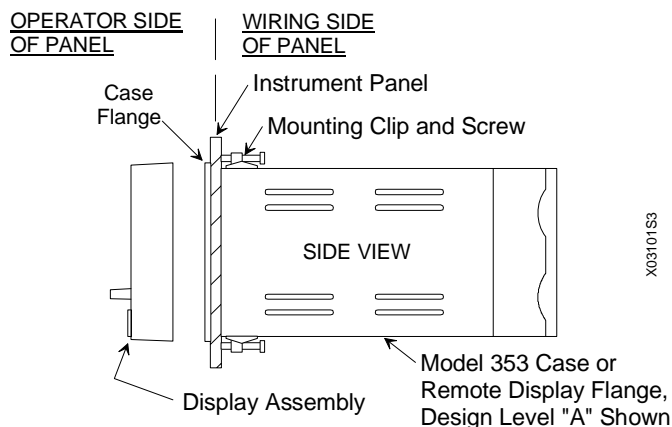
Rev 3

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Model 353 Process Automation Controller Case to Instrument Panel Seal

This paper provides a procedure for creating a seal between an instrument panel and the flange of a Model 353 case or Model 353 Remote Display, as shown below. This seal and the construction of the Display Assembly will resist the movement of gases and liquids from one side of the instrument panel to the other. The appropriate manual should be available for detailed installation instructions.

- Model 353, Design Level "A"¹ – See User's Manual UM353-1
- Model 353 Design Level "B" – See User's Manual UM353-1B



Procedure:

1. Cut a single station opening in the panel. Refer to the Installation section in UM353-1 or UM353-1B for cutout dimensions and guidelines. Smooth cutout edges.
2. Thread a mounting screw into each mounting clip until the screw end just exits the clip as shown at right.
3. From the operator side of the panel, insert the case into the cutout as shown above.

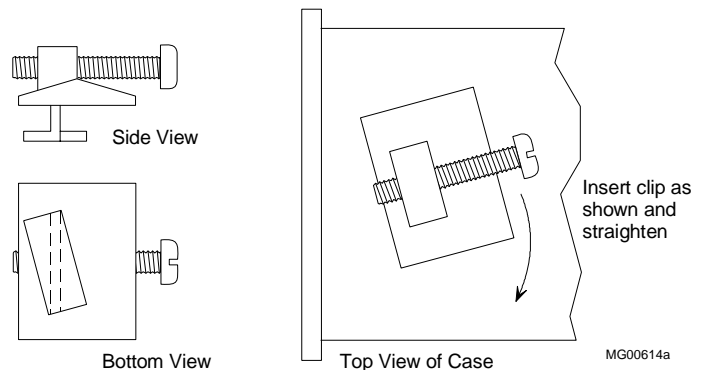
4. At the wiring side of the panel, insert the mounting clips into the rectangular case cutouts. Straighten the clips. Do not tighten the mounting clip screws at this time.
5. From the operator side of the panel, pull the case slightly out from the panel. Place a thin bead of silicon sealant around the perimeter of the panel cutout between the panel and the case flange.
6. Square the case in the cutout and tighten the two mounting clip screws to seat the case.
7. Remove any excess sealant.
8. Connect the Display Assembly to the MPU Controller board and fasten the Display to the case.

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¹ The design level is shown by the next to last character in the model designation.