

Rice Lake Health Scales

Hinged Joint Replacement

The following instructions explain how to replace a hinged joint for Rice Lake 350-10 Series scales.



Note *Replace both hinges if upgrading from older straight hinged latch to the new knob hinged latch.*



Figure 1. Hinged Joint

Tools needed:

- Crow bar
- Pipe wrench
- Hot air blower
- Vice with soft jaws
- Coarse grit sandpaper
- Respirator
- Gloves



CAUTION *Replace the hinge in a well ventilated area, wearing the appropriate PPE (respirator and gloves).*

Hinge Joint Removal

1. Place the damaged scale part into the jaws of a vise.
2. Put on the appropriate PPE (respirator and gloves).
3. Aim the hot air blower at the damaged hinge, using the highest heat setting to soften the hinge and expand the pipe.



Figure 2. Heat the Damaged Hinge

4. Use a pipe wrench to move the damaged hinge back and forth.
5. Pull the hinge out when it is loose enough.



Figure 3. Remove the Hinge

6. Let the pipe cool down.
7. Using coarse grit sand paper, sand the inside of the pipe - to remove traces of old glue.
8. Clean the pipe with a soft cloth.

Hinge Joint Assembly

1. Ensure the pipe surface is clean using a clean rag and diluted alcohol solution.
2. Spread an adhesive on the prepared pipe surface.
3. Insert the new hinge into the pipe, twisting it to uniformly spread the adhesive.
4. Lock the hinge in the folded position with the screw in place.
5. Wait at least 15 minutes to ensure adhesive has properly dried.



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