



Mix Head General Installation Guidelines

1. Remove Mix Head from packaging and verify no damage occurred during shipping.
2. Identify and keep nearby the Orifice Assemblies and Proximity Sensor(s).
3. Bolt the mix head into the mounting bracket.
4. Install the proximity sensor(s).
5. Connect the hydraulic hoses.
6. Energize the hydraulic system, if possible to 500 psi.
7. Cycle the rod(s) several times, if possible at reduced pressure (ie: 500 psi)
 - a. Use a flash light and look in an empty mix head body orifice port to view the rod cycling.
 - b. Verify signal from the proximity switch(s) when the rod(s) is retracted.
 - c. Leave the rod(s) extended, in the closed position.
8. Verify no leaking hydraulic fittings or hoses. The mix head hydraulics were tested prior to shipping at 2,000 - 2,500 psi.
 - a. Leave the hydraulic system activated so the rod(s) cannot drift back.
9. Set the hydraulic system to normal operating pressure.
10. Install the orifice assemblies. Use petroleum jelly on the o-rings to ease installation.
11. Connect the chemical lines.
12. Energize the Chemical Pumps and allow low pressure recirculation long enough for the chemical temperature to stabilize.
13. Switch to high pressure chemical recirculation and set the pressures.
14. **Make one bucket shot and return to low pressure recirculation.**
Let the mix head rest for twenty minutes.

This allows foam to final fill the pre-seal grooves.

 - a. Repeat as necessary to form "living seal"
15. Bring hydraulic and chemical systems to normal operating mode.
16. Start production.
17. Monitor the mix head to ensure normal operation.
 - a. It's common for some petroleum jelly to weep from joints on the mix head as it settles in to operation.

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