
Adjustment Procedures: Pneu-Con Receiver Latches

Series HD Toggle-Action U-Bolt ("De-Sta-Co" Style with/or without Hook End)

Warning! Disconnect, Lock-Out & Tag-Out Power Source of connected equipment.

Cover Removal/Filter Access

1. De-energize either Pressure or Vacuum Lines connected to the Receiver.
2. Vacuum Outlet Connection:
 - a. Rigid-metallic Tubing/Pipe: Loosen Band-type Compression Coupling bolts until coupling is able to move freely, slide coupling along tube/pipe away from Receiver until outlet stub fully exposed, allowing Cover removal and (if servicing unit) to gain access to Tubesheet/Filter Assembly.
 - b. Flexible-Hose: Depending on work requirement, the Flex Hose can remain attached to the Cover's outlet – or – if required loosen Worm-drive Hose Clamp so that it moves freely, then either slide clamp off end of hose or back along hose away from Receiver. Slip hose end off of outlet stub to allow lifting of Cover for removal and access to Tubesheet/Filter Assembly.
3. Disengage each Latch by lifting Red Handle until tension is released, allowing U-Bolt/Hook End to move away from Cover's Outer Lip, Latch Pawl or Strike Plate.
4. When safe to do so, if so equipped, disconnect Grounding Strap (Optional) from Body to Cover.
5. Upon lifting Cover make note of its' orientation with respect to Tubesheet Alignment Pin & Notch in Cover's Alignment Ring – as EXACT replacement orientation is required. Again, when safe to do so, if present, remove Grounding Strap connection between Cover and Tubesheet.
6. Set Cover aside, being careful to not damage or disturb Pulse Bottle/Valve/Solenoid Assembly(ies), for convenience the Cover may be placed upside down.
7. Lift out Tubesheet/Filter Assembly. **CAUTION:** Use care so as to not damage the Filter media during removal and installation, especially PTFE-coated Filters as the membrane is very thin and can be scraped from the parent surface. If a Cartridge is damaged it **MUST** be replaced prior to placing unit back in service.
8. Perform service as required.

Cover/Filter Replacement

1. Lower Tubesheet/Filter Assembly into Receiver Body: Refer to Caution Statement in Step 6 above.
2. Check that the Tubesheet/Gasket is centered on the Upper Flange of the Receiver Body.
3. If applicable make Grounding Strap connection between Tubesheet and Cover.
4. Place Cover Assembly so that Notch in Cover's Ring is engaged with Alignment Pin on Tubesheet, ensuring Cover is uniformly encircling the Tubesheet/Gasket and that no gaps are present. Depending on the Installation and/or Receiver design, it may be necessary to rotate Cover & Tubesheet/Filter Assemblies – as a unit – to achieve proper orientation with respect to Material Inlet (Receiver Body) and/or Vacuum Air Line.
5. If applicable make Ground Strap connection between Body and Cover.
6. Swing Toggle U-Bolt/Hook End up and over Lip or onto Pawl/Strike Plate until fully engaged.
7. Pull Toggle Handle downward until it comes to a stop. The Cover should exhibit a small amount of downward travel as it compresses the Gasket. Should adjustment to Latch tension be necessary, do the following:

Using a 5/16" Nut Driver tighten each Ny-Lok Nut on each Toggle U-Bolt leg, tighten each nut evenly and incrementally until the Cover is secure and cannot be freely moved by hand. Repeat this step for each Latch. As the Cover may exhibit a slight amount of additional compression when Receiver is placed under vacuum condition, it may be necessary for additional adjustments to compensate.