

PRESSURE SETTING PROCEDURES FOR ECORICH U-EHU25-M07-15-30-V



Items you need to set your Ecorich

Flat head screwdriver



Crescent wrench

The following steps must be completed before any settings and adjustments can be made to your Ecorich U-EHU25-M07-15-30-V

Connect 3 phase power, fill oil reservoir to correct oil level, remove transporting spacers, connect pressure and return lines, and connect alarm wires from machine (if required). Power must be on to machine and hydraulic unit, and machine in standby state (not actuating any valves or cylinders)

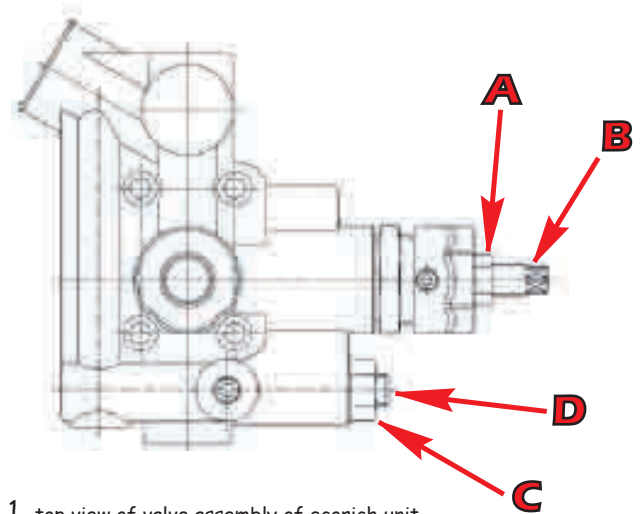














FIG 1 top view of valve assembly of ecorich unit
U-EHU25-M07-15-30-V

- Break locknut **A** free, using a crescent wrench. Turn the over pressure adjustment valve marked **B** clockwise until the adjuster bottoms out, making sure that locknut **A** is not preventing you from bottoming out the over pressure valve.
- On the control panel, press these two keys   simultaneously and hold them for 2 sec. (this will get you into the parameter mode) You should see "P00" flashing on the screen. "P00" is the pressure setting parameter. Now press the  key, in order to see the current pressure setting (1.5mpa is pre set from the factory). To set your desired pressure, press  or  keys (acceptable pressure range is 1.5mpa~7.0mpa). Once you set desired pressure you then push the  key. You will then see "P00" flashing again. Then you press  key, the screen should now show your desired pressure setting.



- Now we want to reset motor rpm. Press and hold the  key for 2 sec. (this will get you into the monitor mode) You should see "N00" flashing on the screen. Now use the  or  key and scroll to "N05". Then press the  key. On the control panel, you will see your motor rpm represented by a 2 or 3 digit number on the screen. (note: for the motor rpm, the last digit is dropped from the control panel screen. Example: if the screen shows 122, you add a zero to the end of it and you get 1220 rpm. 2nd example: 67 is actually 670 rpm.)
- Now loosen locknut **C** free (in fig 1). Then take a flat head screwdriver and adjust the flow control valve **D** (in fig 1). Slowly turn the flow control valve **D** (in fig 1), clockwise until the motor rpm on the control panel shows 38 (which is 380 rpm). Then lock the locknut **C** (in fig 1) down. Now the motor rpm is set and you're ready to move onto the next step, which is setting your over pressure valve.
- With the motor rpm shown on the control panel screen, take a crescent wrench and slowly turn the over pressure valve adjustment **B** (in fig 1) counterclockwise until you see the motor rpm start to raise above your setting of 38 (380rpm). Once you see the motor rpm raise, stop turning, and go back clockwise to the setting just before the motor rpm started to raise(just before the breaking point where the motor rpm raised above 380rpm). At this point, turn the over pressure valve adjustment **B** (in fig 1) 3/4 of a turn(revolution) clockwise. (note: if the overpressure valve adjustment **B** (in fig 1) bottoms out before you can turn the adjustment 3/4 of a turn, then take the distance you can turn it until it bottoms out and divide it by half. This is the amount that's needed to turn the over pressure valve **B** (in fig 1) back in clockwise). (Do not leave the overpressure valve bottomed out, doing so will allow the overpressure valve not to work). Now lock the locknut **A** (in fig 1) down.
- Press the  key. This will bring you back to your desired pressure setting where . Now you are ready to run your machine.



Trouble Shooting Hotline:
815-943-0120



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