

ERGO CONTROL PANEL REGULATOR

Assembly Instructions

PARTS LIST

1x 30814207-01 – Regulator,
Lumbar 12 PSI
2x 30921707 – Brass Barbed
Fitting 10-32
1x 30941407 – Oetiker Clamp
7.0
1x 336056-01 – Bolt M5X10
Hex Head

TOOLS NEEDED

1x Wrench with 8 mm socket

1x Dull side cutters or Oetiker
pliers
(Grainger p/n: 14100396,
McMaster Carr p/n: 6541K67)

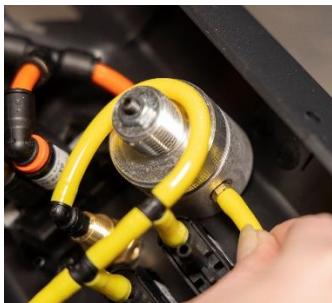


INSTRUCTIONS

STEP 1: Remove the control panel from the seat by lifting the front cushion to access the control panel attachment screws. Remove the 2 screws with a Phillips #2 screwdriver. Disconnect the clear auto actuator tube (on barbed fitting – this will require pulling). Disconnect the black airspring tubing by pushing on the collar of the quick connect fitting on the switch. You may not need to disconnect the 3 (clear, red and blue) tubing from the lumbar, in order to replace the regulator.

STEP 2: Disconnect the yellow tubing from the barbed fitting on the regulator and the orange tubing from the t fitting. Remove the regulator fully from the control panel using the M8 wrench. (figure 1).

FIGURE 1



STEP 2: Obtain a new regulator from the service kit. The regulator should come with the barbed fittings pre-assembled. If they are not installed, install into each threaded opening on the side of the regulator. Check to ensure the small black gasket is present. Torque fittings to 12 in-lbs. Do not over torque. (figure 2)

FIGURE 2



STEP 4: Connect orange tubing to new regulator with the replacement Oetiker clamp. Ensure the orange tubing is installed on the side at the base of the arrow. This is the input side of the regulator. (figure 2).

FIGURE 2

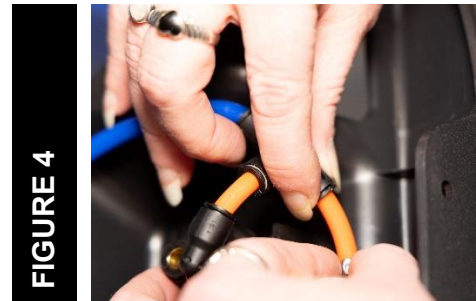


STEP 5: Install into the control panel with the new M5 screw using the M8 wrench. Once the regulator is installed, reattach the yellow tubing to the regulator (shown without control panel). (figure 3).

FIGURE 3



STEP 6: Reattach the orange tubing to the T fitting. Reconnect the clear auto actuator tubing, the black air spring tubing, and the lumbar tubing, if necessary. (figure 4)



Part numbers: 30896907