

J3

Extra Installation Instructions - Modulating Failsafe function for Model **J3-85**



Doc: BSR.DPS/J3-85/0

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OVERVIEW

When installing both the BSR (Battery 'Spring Return') and DPS (Digital Positioning System) kits in the J3 Model 85 actuator, the installation of the DPS printed circuit board differs from the other models as the printed circuit board support is provided by the battery from the BSR kit, whereas in the other models this support is from a brass hexagonal column as shown below. All other installation instructions given in the 2 separate Installation, Operation & Maintenance Instructions booklets supplied with the kits are followed.

INSTALLATION INSTRUCTIONS

In the Model 85, the battery from the BSR kit and the printed circuit board from the DPS kit need to be installed simultaneously, as the battery securing screw secures both the DPS printed circuit board and the battery:



Remove and discard this screw.

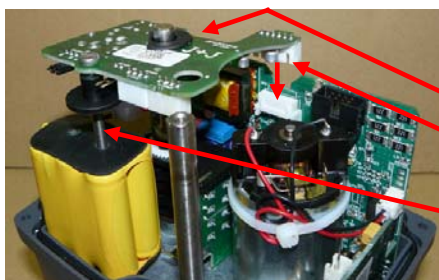
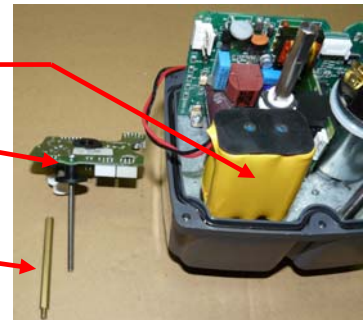
The battery and DPS printed circuit board securing screw uses this fixing point.

Battery locating/ support pin.

Battery fitted over support pin.

DPS printed circuit board pre-fitted with the securing screw and support from the BSR kit

Discard the brass column supplied in the BSR kit.



Gently slide the DPS circuit board over the output shaft and align the connecting plug

Fit the screw through the battery to locate with the fixing point described above

Do not tighten the screw fully at this stage as there needs to be a little movement in the DPS printed circuit board to assist in aligning the DPS gears during the positioner 'SETUP' procedure (see page 7 in the DPS Installation Operation & Maintenance Instruction booklet)

Follow the DPS instruction booklet from this point.

