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### Fitting an ArmVal BCV-11 PRV

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Based on Document by James N.

The ArmVal BCV-11 replaces the Electronic Bleed Valve. Firstly locate the EBV.

Undo the 10mm nut to the right of it to release the EBV. This will give you enough play to pull off the bottom two pipes.

The pipe in the centre of the EBV should be marked with a red bit of tape, and the outside one with blue tape. If not, then ensure that you mark them so you don't lose track which is which.



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Reroute the two pipes that connected to the bottom of the EBV through the space to the left of the battery. This will allow you to place the PRV above where the original EBV in a easier position to adjust.

Connect the red pipe (was on the centre of the EBV) to the straight end of the PRV.  
Connect the blue pipe (was on the outside

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Use a cable tie to hold the PRV in position so that you can still adjust it, the cables aren't bent, and it doesn't move around.



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The top pipe and electrical connector should remain on the EBV. Use a bit of pipe to block off the two bottom pipes. I've used a cable tie as well to ensure it stays put. Then screw the EBV back onto its mount.



When adjusting the PRV, I found it easiest to remove the blue pipe and turn the angled bit. Undoing the screw reduces boost, and screwing the PRV in increases the boost. Start conservative, and increase the boost one turn at a time.

This document was based on instructions by Cosmograph (ArmVal)