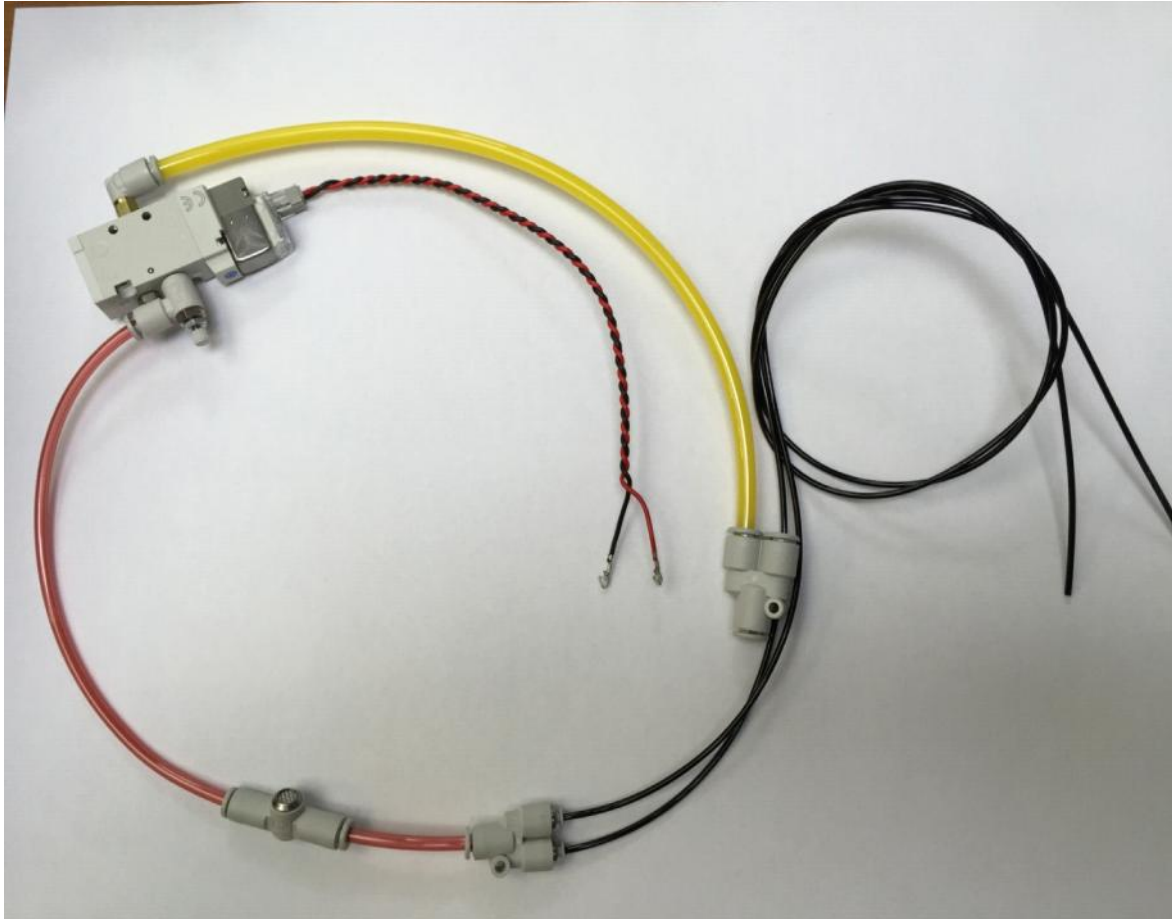


## Extended shuttle speed restrictor kit

Original parts fitted are in the picture below (standard extended shuttle):



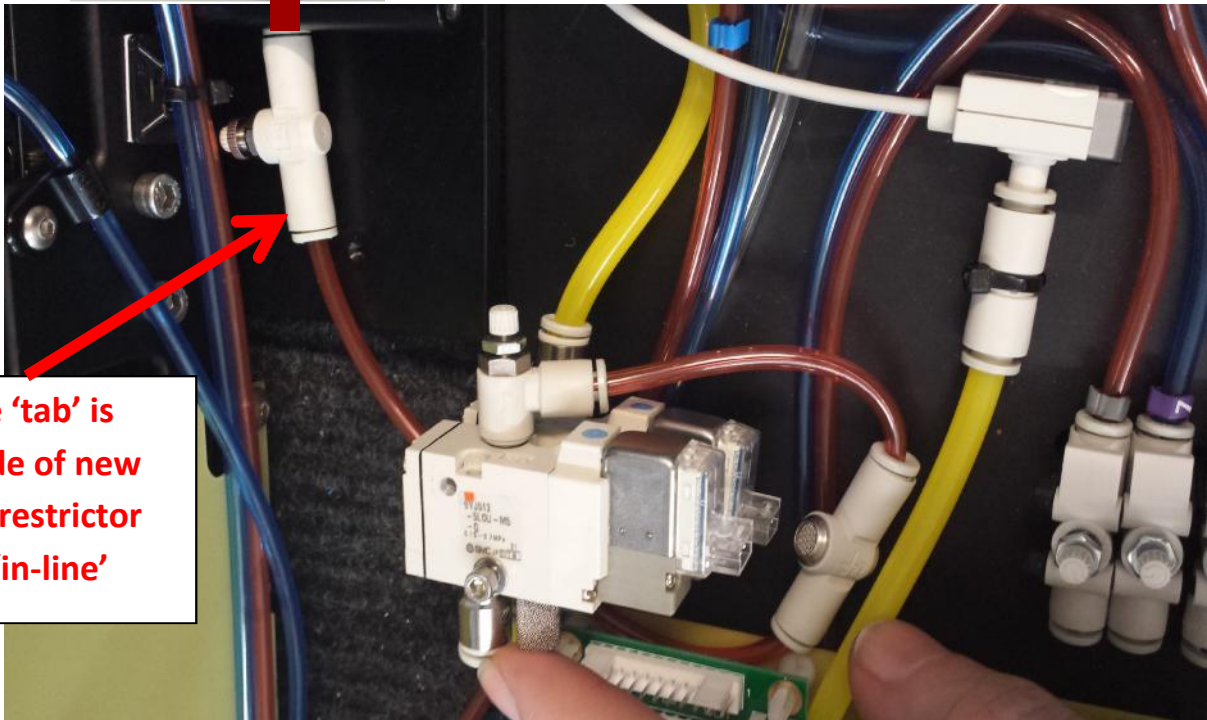
Replace the red air pipe (between the flow controller fitted to the solenoid valve and the 4mm to 2mm Y fitting) with the supplied parts, the inline flow controller locates where the original inline quick exhaust valve is fitted (fixed to the side plate using a p-clip).

When Removing the existing quick exhaust valve, Note;- direction of Flow.  
After relocation of quick exhaust valve in new location ensure flow is in identical direction.

You can now adjust the flow to achieve the desired speed on the extended shuttle movement. To adjust the in movement make the adjustments to the inline flow controller and to adjust the out movement make the adjustments to the flow controller that's mounted to the solenoid valve.

The flow controllers have not been set up here so you will need to adjust these accordingly.

**The pipe layout with the new speed restrictor fitted:**



**Ensure 'tab' is  
this side of new  
speed restrictor  
fitted 'in-line'**

If you need any help/advice please contact us on [service@kbiosystems.com](mailto:service@kbiosystems.com)