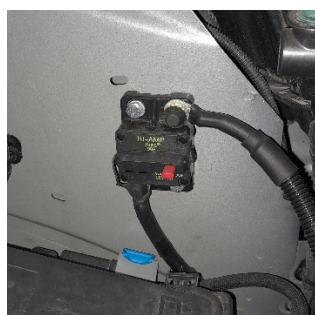




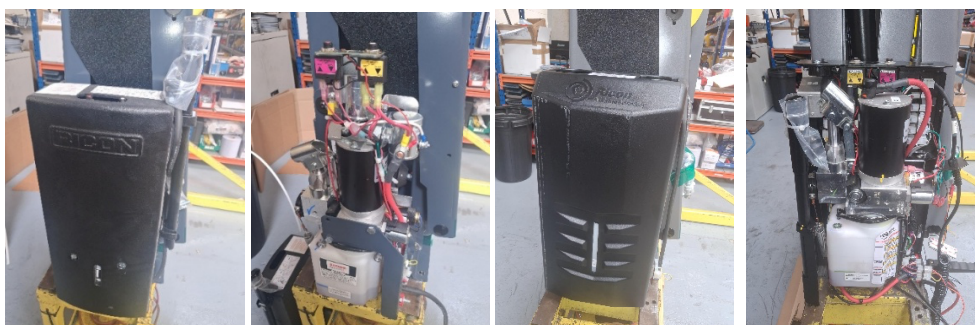
Lift Diode Modification. V1.2

28/7/2026

S Maclure and M Dickinson



Locate the 90Amp breaker. Depress the red button to disconnect power from the lift



Legacy Lift

X-Spec Lift

Locate and remove pump cover using ½” socket and ½” spanner. For X-Spec lift up the cover and remove.



Legacy Lift

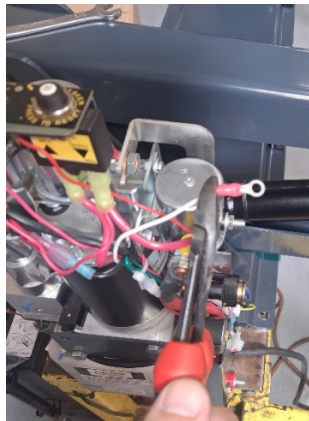
X-Spec Lift

Use 3/8” spanner to carefully remove lock nuts from the studs on the two solenoids. Legacy lifts they are mounted above the motor, X-Spec they are mounted below.



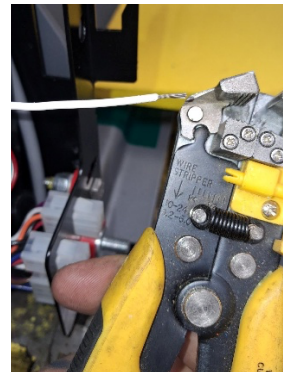
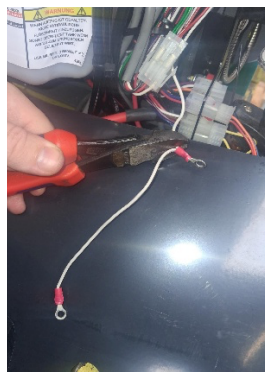
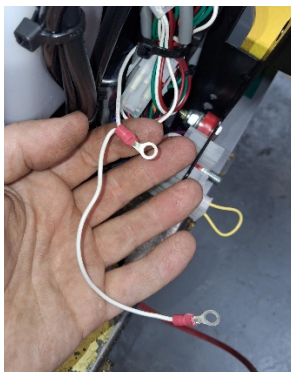
Legacy Lift

Remove link wire which joins together the two solenoids and discard



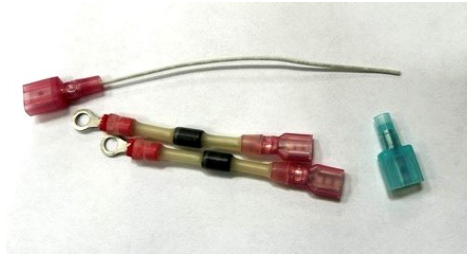
Legacy Lift

Clip any zip ties holding the trigger wire to the top solenoid to free it up. Carefully pull it out to access it. Cut off ring terminal. Use wire strippers to expose around 5mm of wire.



X-Spec Lift

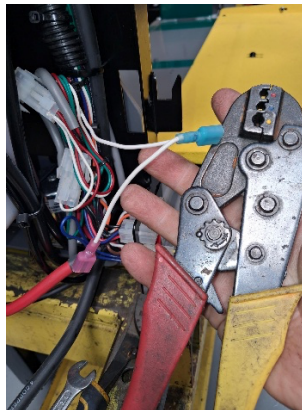
Clip any zip ties holding the trigger wire to the wiring harness and carefully pull it out to access it. Cut off ring terminals and secondary piece of wire as shown above. Use wire strippers to expose around 5mm of wire.



Collect the pictured parts that make up the diode mod kit. Part Number FT0156392-K01 supplied with solenoid.

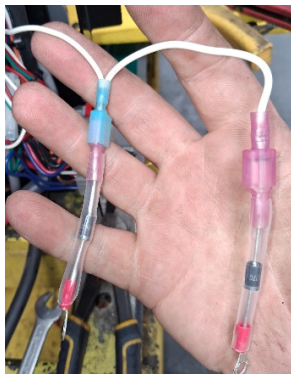


Legacy Lift



X-Spec Lift

Put the trigger wire along with the white wire from the kit and crimp inside the blue male terminal provided.



Legacy Lift



X-Spec Lift

Insert the two diode assemblies on to the terminals and fit the two ring terminals on to the two solenoids. Be careful not to overtighten the studs when fitting the ring terminals as overtightening can cause problems.



Push the arm back in on the 90Amp breaker to power-up the lift. Use the handset to cycle lifts five times through all operations to ensure all is working as expected.



Finally refit the pump cover.

Mark the serial/model number label (located on the side of the lift) to highlight lift has had diode kit assembly added.

Please note Here we have applied a green dot for the purpose of identification.

Record serial number and if possible, notify Vapor Ricon Europe
vaporriconservices@wabtec.com of this modification giving serial number and
model number.