

SERVICE BULLETIN

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SUBJECT: eCollect LV Fusebox Maintenance

eCollects are fitted with a Permanent Supply Low Voltage (LV) fuse box which is located on the drive axle side of the LV battery box. For information the LV fuse box is powered directly from the batteries and not through the battery isolator.

We have seen isolated cases of corrosion on the main terminals of these fuse boxes which can lead to non-starts or unwanted shutdowns.

There are two different types of fuse box fitted depending on the age of the vehicle.

Fig. 1&2 below show an older 'type one' fuse box with corrosion to terminals, this is part number 1099427.

Fig. 1



Fig. 2

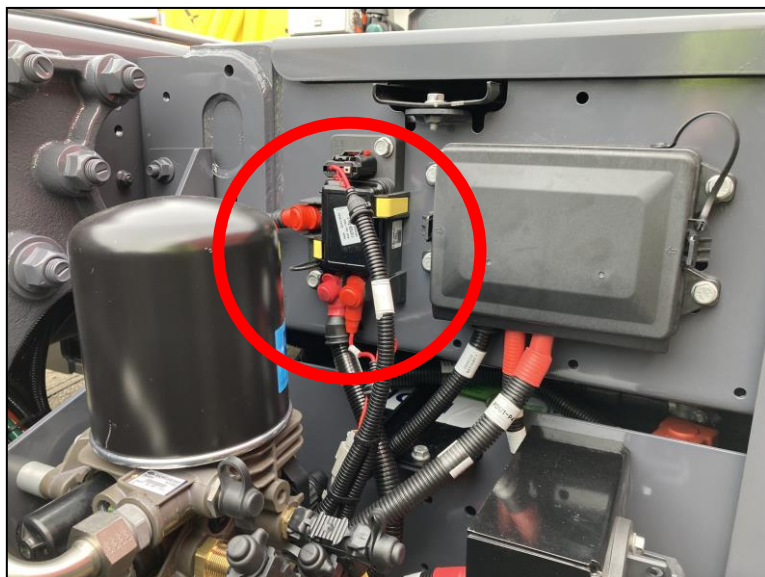


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Fig. 3 below shows the current 'type two' fuse box within the red circle, this is part number 1107558.

Fig. 3



During inspection/servicing on the eCollect these connections should be checked, if you see any signs of corrosion to the Eyelet Terminals and/or Connection Studs, they should be disconnected, cleaned, and then reconnected. The maximum torque value for the Input and Output connection nuts is 20Nm. Once re-connected, 'battery terminal grease' needs to be applied to the outside of the connection and inside the red rubber boot if fitted to give protection against moisture.



Warning: There is a permanent 24V feed to these connections, they are not isolated when the battery isolator is in the off position. **DISCONNECT THE BATTERY CONNECTIONS BEFORE WORKING ON THIS LV FUSEBOX.**

Below is a hyperlink example of 'battery terminal grease' that can be used:

[Granville | Product Information - Granville Battery Terminal Grease \(granvilleoil.com\)](https://www.granvilleoil.com/product-information/granville-battery-terminal-grease)