

**Progress Report – Lithium-Ion Locomotive
Q1 2024**

We are excited to share that we are making great progress on our battery-powered switching locomotive. The locomotive selected for the conversion (photo 1) arrived at Cando’s Winnipeg Terminal. In January and February, the Cando Mechanical team began the prep work, removing the carbody, diesel engine (photo 2) and all unnecessary equipment previously used for the diesel motor. This allowed for the design, layout, and engineering work for the retrofit conversion kit to be completed (photo 3). The required materials needed for the retrofit were then ordered with delivery scheduled for mid-summer.

The Mechanical team will now work on removing the fuel, oil, and coolant systems, as well as the complete electrical system which needs to be done prior to installing the battery components. Off-site fabrication of components including a new rear carbody (hood) for the locomotive started at the end of March.



Photo 1



Photo 2



Photo 3