

# Out With The Old - In With The New

December 20, 2019

I almost don't need to write anything...



A diesel engine from a bus and the electric motor that replaces it

...but I will. ☐

This is the diesel engine and transmission that was pulled from a Gillig city transit bus, and the UQM (now Danfoss Editron) motor and 2-speed transmission that replaced it. Smaller, quieter, and with far fewer moving parts, this motor not only propels the bus but also acts as a generator during regenerative braking, which puts electric charge into the batteries.

I don't know of any diesel engines that create diesel fuel when braking...!

Learn more about [city transit bus electric Repower solutions](#) here.

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