

Daimler Trucks

North America LLC **Customer Advisory Letter**

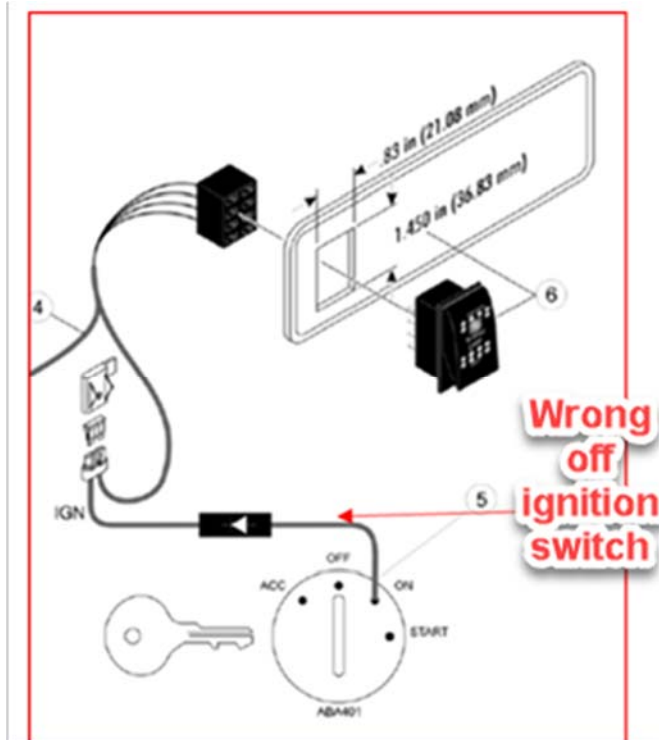
Subject : Evolution APU No Regen

Models Affected: are New Cascadia built 2018 with ThermoKing Evolution APU.

6-22-2018

Issue

There may be reports of the factory installed APU not being able to perform a regen. Instructions from TK recommended the ignition power source be at the ignition switch. On the Cascadias', both New and Old designed models, the ignition switch is a signal and does not have 12 volts at any of the terminals. Accessory power must come from the recommended ignition source, Splice Packs. Splice Packs are the source where all accessories added in the cab should be sourced, you will find fused constant power (Fuse F35 10 AMP), fused ignition power (Fuse F44 10 AMP) and ground.



Follow these steps to check and correct;

Always follow shop safety procedures

If the TK APU does not perform a Regen when requested. Access the rear of the ignition switch, if the power for the regen switch is connected, remove the lower left center of dash kick panel. You will see the splice packs located as the example below. Test the splice packs looking for the ignition controlled splice pack, there you will find fused constant power, ground and fused ignition splice pack. Use the correct wire terminal end to connect into the splice pack for the wire size you are attaching. Check with your Freightliner Dealer, they should be stocking some of these terminals.

23-13213-140 18-20 GA Tin

23-13213-141 10-16 GA Tin

23-13213-142 12-14 GA Tin

23-13213-143 10-16 GA Tin

23-13213-144 12-14 GA Tin

23-13213-145 10-12 GA Tin



Note;

When adding a circuit, the terminals (listed above) will plug into the rear of the connector, see the white part of the connector above, that connects all circuits plugged into the connector to distribute power. Photo below shows the Splice Pack of the connector removed to see how it connects circuits.

