

Date: May 13, 2021

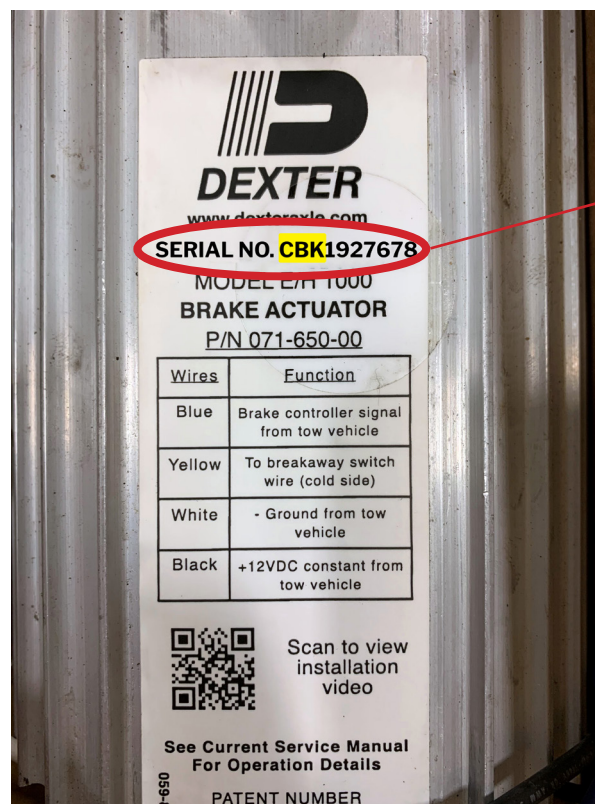
Subject: Battery Compatibility With Dexter DX Series Electric/Hydraulic Actuators

It has come to our attention that trailers equipped with a solar charging battery system are being utilized as the power source for the trailer's safety break-away system. Dexter's DX Series Actuator is designed for a trailer brake force at 12 VDC. Solar systems with large battery banks including but not limited to lithium, AGM, lead-acid battery types with a reserve capacity of 100-amp hours or larger should not be used as a break-away battery for DX Series built before March 2021 and with serial numbers starting with "CBH, TCB, TCV, and TQA."

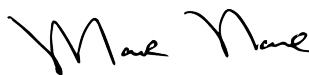
Under normal braking conditions there is not a compatibility issue with the solar system and combined battery bank. However, some newly introduced solar charging systems have proven to be problematic when powering the break-away circuit.

In March of 2021 Dexter introduced an upgraded feature to the DX Series E/H Actuators that allows compatibility with these newly introduced solar charging systems. For trailers utilizing these alternate solar power sources we suggest ensuring the DX Series E/H Actuator's serial number begins with "CBK" and has a manufacturing date of March 2021 or later.

If the DX Series E/H Actuator's serial number begins with anything other than "CBK" and has a manufacturing date of February 2021 or earlier, the break-away circuit should utilize a battery designed specifically for break-away applications to ensure proper function.



SERIAL NUMBER



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