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Service Bulletin

Bulletin Number: SB09-001A *(Revised 9/01/09)*

Model / Serial Number(s): SWX630 / 8GD63001 - 9GD63050
SWX735 / 8GD73501 - 9GD73550
SWX525 / 8GD52501 - 9GD52550
SWX420 / 8GD42001 - 9GD42050
SWX315 / 8GD31501 - 9GD31550

Subject: Engine starter circuit breaker tripping. *(Note: This problem is applicable to CUMMINS QSC & QSB engines.)*

Action: Contact the Parts Department at Shuttlewagon (Ext. 322) and/or your authorized representative and reference this **Service Bulletin** and the **Serial Number** of the applicable Shuttlewagon. A replacement Repair Kit will be supplied and shipped at no charge.

Instructions: Utilizing the instructions supplied with the kit replace the circuit breaker as directed.

Should you require assistance or need additional information, please contact Shuttlewagon's Service Department at 816-767-0300(Ext. 330).

<u>QTY</u>	<u>P/N</u>	<u>DESCRIPTION</u>
1	179-082957	Circuit Breaker



Service Procedure

Circuit Breaker Replacement – 09-001, 7/29/09



Description:

Cummins QSC engines equipped with “soft-start” type Delco-Remy starters may experience an elevated switching current which causes the provided 30A circuit breaker to trip, causing no-start condition. Per the manufacturer’s recommendation, this circuit may be retrofitted with a 50A, type I (automatic reset) breaker to prevent this from occurring.

Procedure:

The existing circuit breaker is located in the battery box, to the right of the batteries. The 50A auto reset breaker (Shuttlewagon P/N 179-082957) is a direct replacement and may be installed using existing hardware and wiring.

Photos:

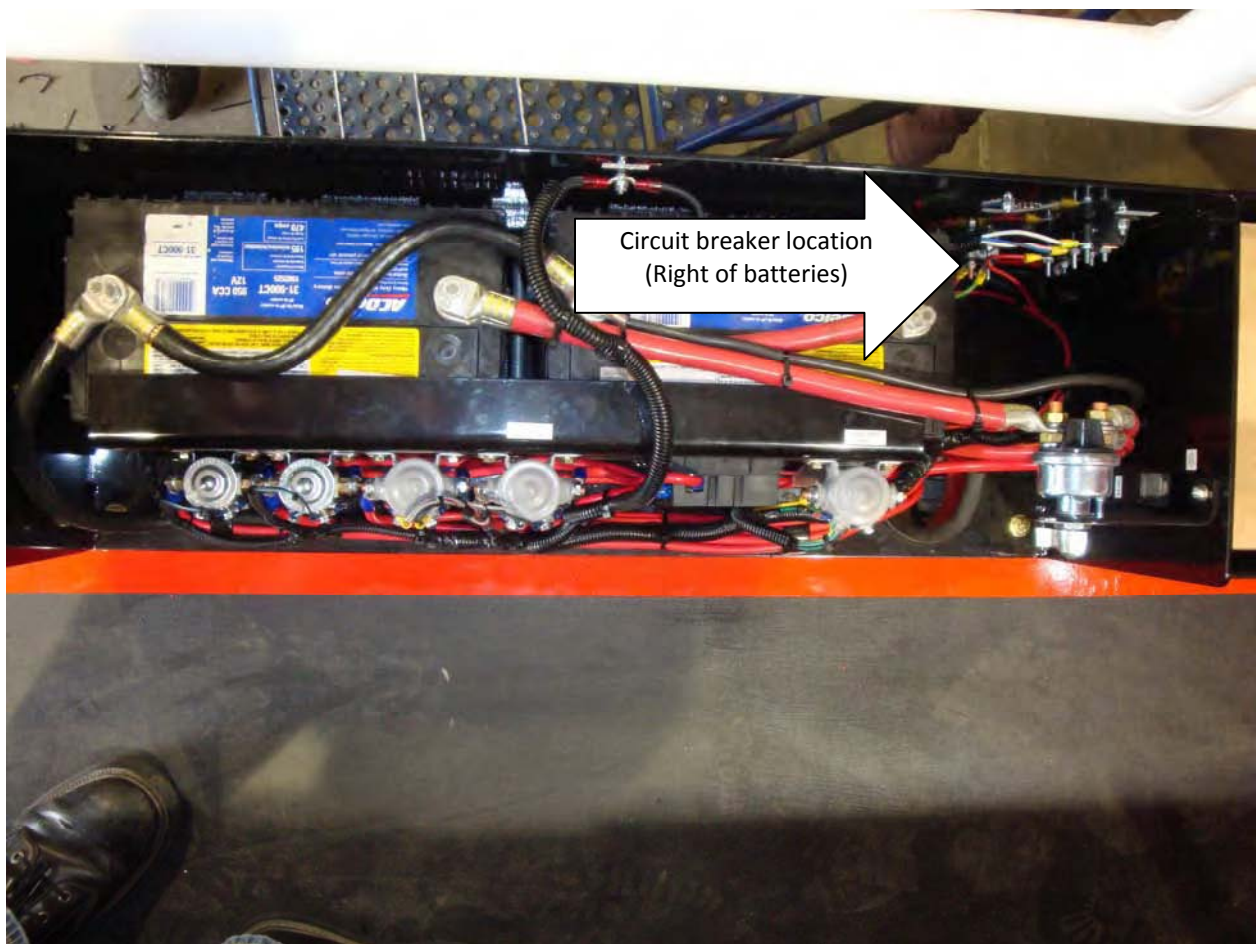


Figure 1 - battery box, viewed from above.

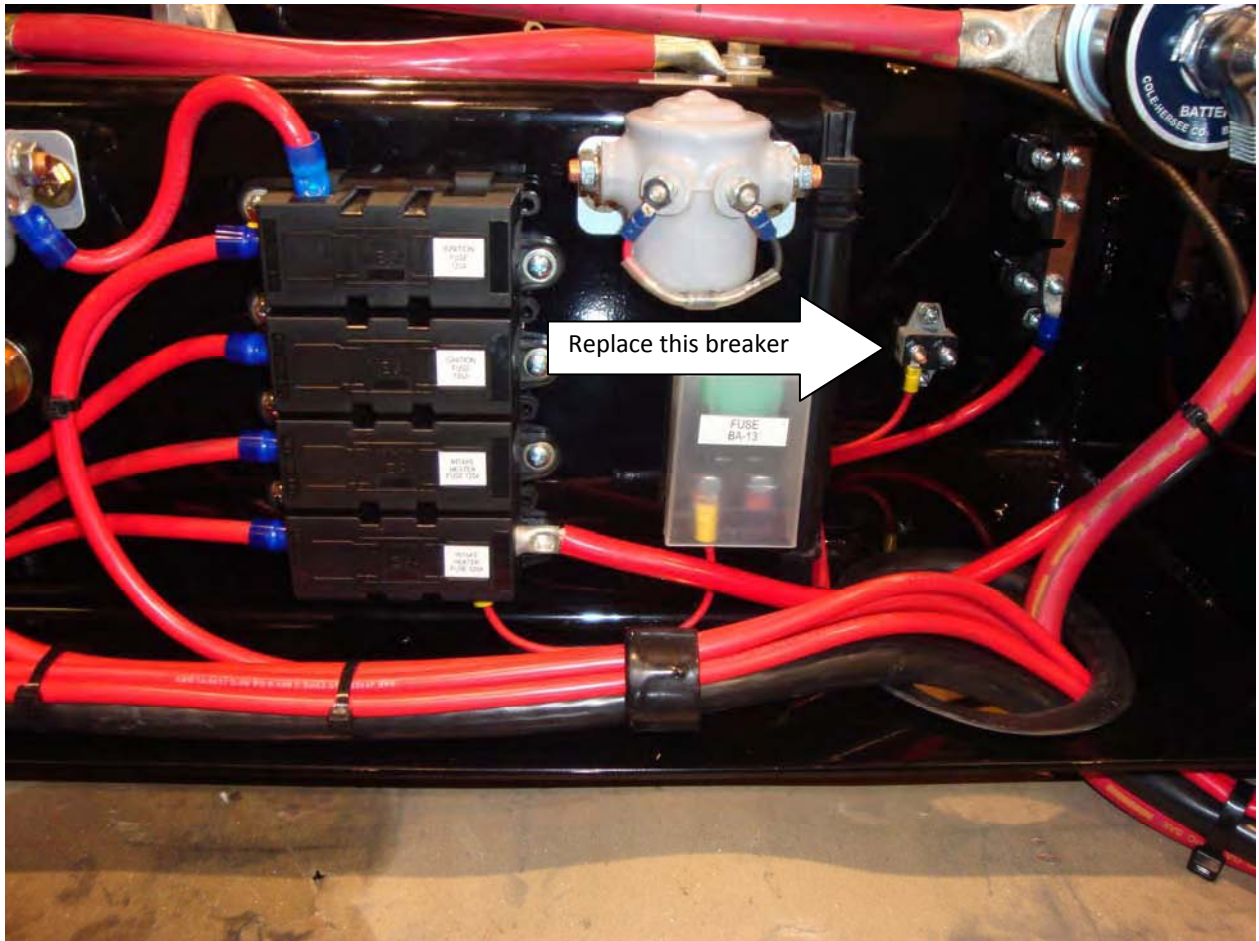


Figure 2 - circuit breaker