



## Long Road Racing

2668 Peachtree Road, Statesville, NC 28625

(980) 223-8547 LongRoadRacing.com

### Global MX-5 Cup Car Technical Service Bulletin #03-28-2019

Required: **Global MX-5 Cup - New Battery Tender Battery Installation Method Update**

#### **This TSB describes:**

It is now allowed for all ND1 (2016 – 2018) GMX-5 cup cars to upgrade to Battery Tender model number BTL24A480CW. This battery has the same capacity as the original battery, but includes a self-protection circuit and reset button for low voltage conditions.

This is an update to the installation procedures changing the wing nuts to lock nuts, and adding dual lock to the bottom of the batteries to prevent them from sliding around in the battery trays for all ND1 and ND2 cars using the new battery and the wider battery capture P/N: 0000-08-D219. All cars are to be updated for the 2019 Barber Races.

#### Parts List:

- Battery Tray Adapter Plate- P/N: 0000-08-D202
- Battery Tender BTL24A480CW- P/N: 0000-08-5047
- Battery Capture- P/N: 0000-08-D219
- M6 Flange Lock Nut
- Dual Lock

#### Instructions:

#### **Follow All Pertinent Shop Safety Standards**

1. Remove battery cables from battery and remove battery from battery tray.
  - a. You may discard the old battery capture.
2. Hammer the inside flange of the battery box flat, or grind/cut the flange off.



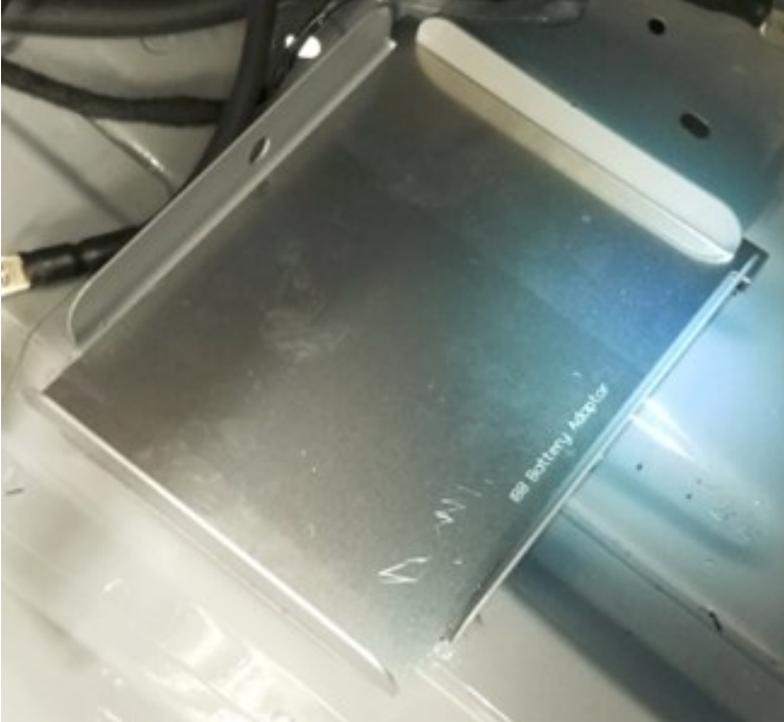


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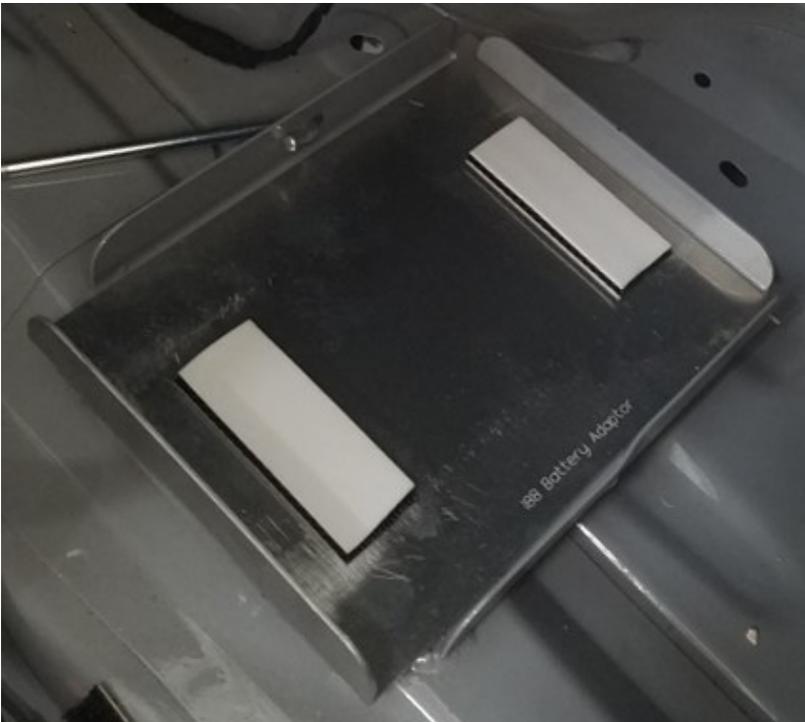
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3. Place battery adaptor plate over outside flange as shown to create enlarged battery box.



4. Install two 2-3/4" lengths of dual lock on each end of the adaptor plate, and corresponding area of the bottom of the battery.





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5. Reinstall new battery using M6 Flanged Lock Nuts, and Battery Capture P/N: 0000-08-D219. You may use the two holes drilled into the battery capture to secure the charging harness with Zip-Tys.
  - a. Note the charging harness must be connected to the battery to be able to reset the battery if it's ever discharged low enough to go into its self-protection mode. To reset the battery, connect an appropriate charger and hold reset button for 3 seconds to reset battery.
6. Finished product.



If you have any questions about this Technical Bulletin, please contact Long Road Racing at:  
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