



## **Global MX-5 Cup Car Technical Service Bulletin #05-23-2018D**

### **Optional: Global MX-5 Update: Polycarbonate windscreen and support**

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

To reduce the cost of glass windshield replacements, a more durable polycarbonate replacement (0000-07-5116-PT) and window brace (0000-07-5116-BR) have been developed. Note: The total weight of the glass and polycarbonate windscreen with the window brace are identical. There is no competitive advantage of one over the other.

#### **Installation:**

##### **1.0 General:**

###### **1.1 Safety:**

- 1.1.1 Follow all industry standard safety procedures.
- 1.1.2 Follow specific manufacturer safety procedures when available.

###### **1.2 Intended Use:**

- 1.2.1 These Instructions are intended to be used to install the 0000-07-5116-PT Polycarbonate Windscreen and 0000-07-5116-BR Windscreen Brace to a complete Global MX-5 Cup Race car as built by Long Road Racing from the Mazda MX-5 ND Chassis.

##### **2.0 Installation:**

###### **2.1 Remove factory glass windshield following industry standard procedures.**

- 2.1.1 Remove all remaining adhesive from windshield frame, ensuring surface is smooth and flat.

###### **2.2 Use polycarbonate windscreen as a template to mark all mounting holes for drilling.**

Proper alignment of the windscreen is critical, center windscreen before drilling holes.

###### **2.2.1 Drill and de-burr all holes.**

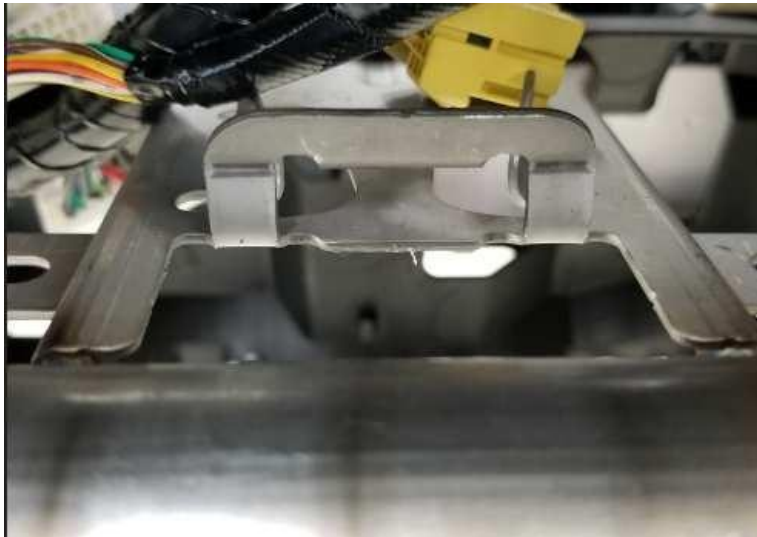
- 2.2.1.1 Install the 5 provided Riv-Nut inserts into the holes along the bottom of the windshield frame. These are used to allow installation and removal of windscreen without the need to remove the dash.

###### **2.3 Trim dash to allow clearance for windshield brace and bracket.**

- 2.3.1 Count over from passenger side of dash 13 spaces of defrost vent holes, and remove approximately 1" wide section to allow clearance for brace and bracket. See picture below



- 2.3.2 Bend up factory metal bracket on dash bar to allow clearance for brace bar clamp.  
See picture below



- 2.4 Attach brace support bracket to dash bar, do not fully tighten bolts at this time. See picture below



- 2.5 Install windscreen brace using supplied hardware
- 2.5.1 Brace will rest on bottom edge of windshield frame and attach with a bolt to the top of the windshield frame, then attach to support bracket.
- 2.5.1.1 Once all bolts have been started, and brace is located properly, final tighten all bolts.
- 2.6 Install polycarbonate windscreen using supplied hardware
- 2.6.1 **DO NOT OVER-TIGHTEN WINDSCREEN BOLTS** as this can cause cracking around holes.
- 2.7 Re-install all factory windshield garnishes



If you have any questions about this Technical Bulletin, please contact Flis Performance at:

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