

S5000 TECHNICAL BULLETIN

Date	17/03/21
Topic	GPS Location
Priority	Low

PROBLEM:

The GPS signal has been poor on most cars intermittently. The GPS controls the lap timing on the dash and logged data. It causes laps to be missed or incorrect short laps to be triggered.

The GPS track map sometimes looks like this:



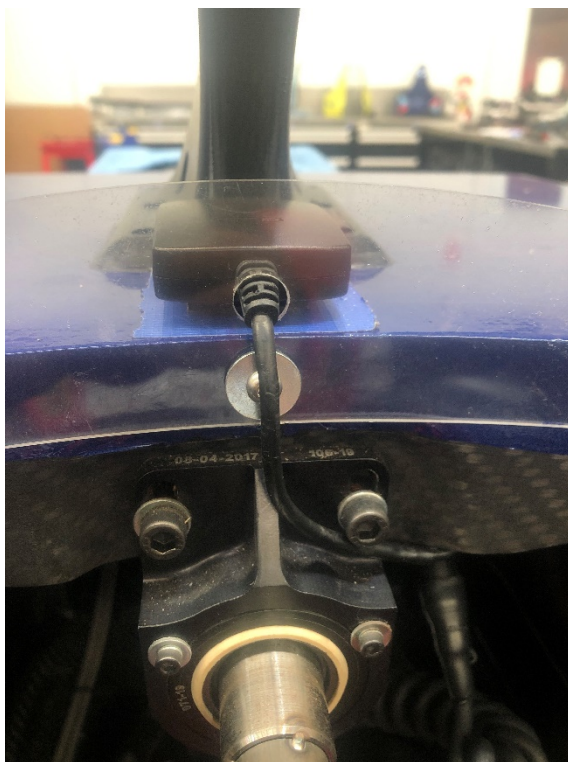
SOLUTION:

The issue is coming from the mounting location and the fact that it is on a plastic base. A new location for the GPS at the base of the halo was trialled at Baskerville and then confirmed at Phillip Island.

1. Remove GPS from current location and disconnect the DTM connector.
2. Dual lock or double-sided tape the GPS unit in the position shown.



3. Modify windscreen. Drill a 10mm hole 20mm down from the top edge as shown. Then slot from the bottom up to allow for the cable to feed through.



4. Route cable along the existing loom through the hole in the chassis on the RHS underneath the seat



5. Route cable over radiator and add cable tie blocks.

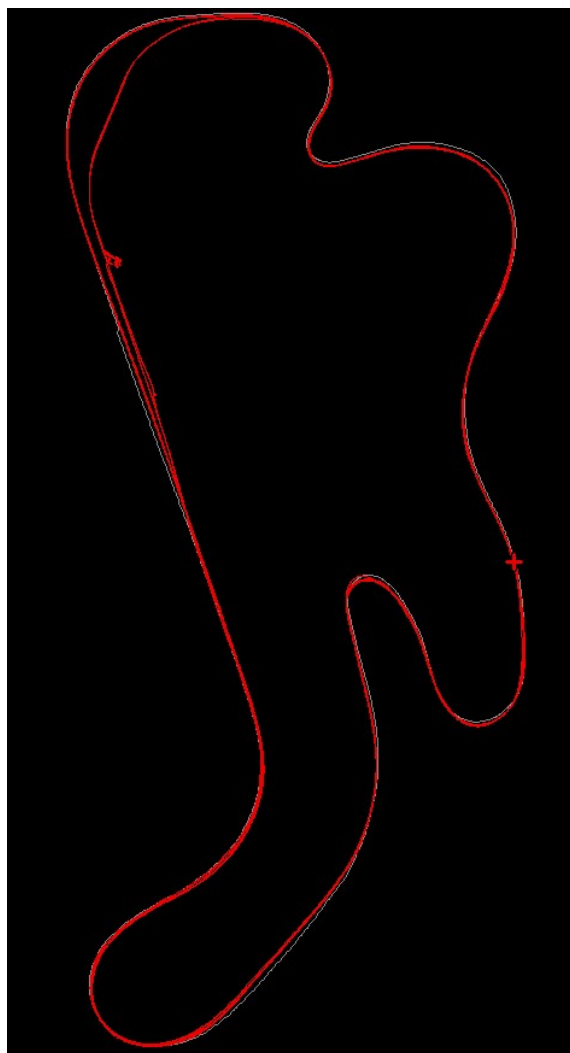


6. Route cable as shown, adding cable tie mounts. And connect back into the car loom.



7. Ensure all wires are out of harms way and especially the camera loom wire around the hole in the engine cover.

8. GPS Track Map should look like this:



Any questions please contact s5000@grmotorsport.com.au