

Tracking Installations for GT World Challenge Asia Competitors 2023

This document indicates, in conjunction with other diagrams / documentation, requirements for installations of the series mandated GPS Tracking system for the 2023 Fanatec GT World Challenge Asia Powered by AWS Championship, supplied by Timing Solutions Limited (TSL).

GT Teams

- The RaceLink, Driver Info Display (DID) devices, and associated GPS antenna and RF antenna must be installed in accordance with both manufacturers (MyLaps & SAS Technologies) and official timekeeping (TSL) instructions. Failure to do so may result in the system not working correctly.
- Both the RF Antenna and GPS Antenna must be mounted externally to the vehicle, as high as possible, having a clear view around the vehicle at all times.
- The GPS Antenna must have a clear line of sight of the sky at all times during racing conditions and must be mounted;
 - on a suitable ground plane
 - placed a minimum of 30cm from any other antenna
 - within 5cm of the longitudinal axis centreline of the vehicle
 - If high power (>20dbm) TV transmitting equipment is to be fitted to the vehicle it must be spaced as far away from the GPS antenna as possible. (More than 1 Meter)
- The RF Antenna must be placed a minimum of 30cm from any other antenna. It should be placed on the roof of the vehicle with a maximum angle of 15 degrees from vertical.
- The RaceLink device is free to be placed where the team sees fit, provided the status lights on the device are visible by any Technical Official.
- The RaceLink device does not require any external line of sight visibility as the RF antenna is responsible for the data transmission and reception. The installation of the DID must be in a place so that the Display representing the marshal flag signals can be seen by the driver and is visible when viewing the mandatory “on-board camera”; with the view of both the steering wheel and DID.

Consideration should be given to cable lengths and connectivity to GPS Receiver and RF Antenna.