

Tracking Installations for GT World Challenge Asia Competitors 2024

This document indicates, in conjunction with other diagrams / documentation, requirements for installations of the series mandated GPS Tracking system & Onboard Messaging for the 2024 Fanatec GT World Challenge Asia Powered by AWS Championship, supplied by Timing Solutions Limited (TSL).

GT Teams

- The RaceLink GPS device, 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;
 - externally 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 Driver Information Display (DID) must be in a place so that the Display representing the Flag Signals and Race Control information 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.

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