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IMSA TECHNICAL BULLETIN IWSC #19-05

To: All IMSA WeatherTech Sportscar Championship LMP2 Participants
From: IMSA Competition
Date: 21 November 2018
Re: IWSC LMP2 2019 Technical Regulations Update

IMSA has published updates to the LMP2 Technical Regulations for the IMSA WeatherTech Sportscar Championship as follows:

10.1. Series Scrutineering Data System

10.1.2. The system consists of a combination of the following as specified by IMSA:

Part Number	Item
F02U.V0U.249-01	Bosch DDU9
F02U.V0U.252-01	Bosch PBX90 PowerBox
F02U.B00.435-01	Bosch MM5.10 5-axis Inertial Measurement Unit
F02U.V0U.251-01	Bosch LT4 Sport Lambda Sensor Controller
F02U.V0U.203-01	GPS Unit
F02U.V0U.197-01	1 Bar Pressure Sensor
F02U.V0U.205-01	3.5 Bar Pressure Sensor
F02U.V0U.356-01	Temperature Sensor
F02U.V0U.264-01	Pitot Tube
F02U.V01.342-01	USB Stick
F02U.002.996-01	USB Data Storage Device Port
AS112-35SM	MSA Diagnostic/Communication Port
0258.988.001	LSU 4.9 Lambda Sensor
RG.DV.PV0099	Leader Light System
Provided by IMSA	X2 Transponder
Provided by IMSA	Delphi Yellow Light System
Bosch Approved Supplier	Wiring Loom
ET-100-01	Fuel Flow Sensor
Constructor Specific	Laser Ride Height Sensor
Constructor Specific	Engine Speed Sensor

10.1.3. All components of the Scrutineering System must remain powered during on-track sessions, and pit stops.

a. LMP2 Cars may be assigned fuel flow sensors from IMSA on a per Event basis

~~b. Laser ride height sensors are optional and must be declared if Entrant intends to install them for an Event.~~

- ~~i. If declared, laser ride height sensors must be installed and functioning during all on-track sessions.~~
- ~~ii. DDU9 input unlock is a requirement for running laser ride height sensors and is the responsibility of the Entrant to obtain.~~
- ~~iii. Calibration and accuracy of laser ride height sensors is the responsibility of the Entrant. Laser ride height CAN channels are provided to the Entrant from the IMSA Scrutineering Logger.~~
- ~~iv. No other laser ride height sensor(s) can be installed on the Car.~~

10.1.5. Scrutineering system components and sensors must be installed per the Car Model's Scrutineering Homologation document.

~~b. Fuel Flow Sensor must have a valid calibration for the entire duration of all IMSA Sanctioned Events.~~

~~i. Fuel Flow Sensor calibration expires at 150 hours of run time.~~

~~ii. Entrants are responsible for monitoring the calibration time remaining. A cumulative run time counter CAN channel is provided to the Entrant from the IMSA Scrutineering Logger.~~