

**TO:**  Teams  Manufacturers

**CATEGORY:**  Hypercar  LMP2  LMGTE Am

**DECISION N°:** WEC\_2023\_D0041\_Hypercar\_Gear changing

**DATE:** 19/04/2023 **FROM:** The WEC Committee

**SUBJECT:** Gear changing for Hypercar category

## APPLICABLE REGULATION

**Article 5.1.2**  2023 Le Mans Hypercar Technical Regulations

## DECISION

*Following the Technical Wording group, the WEC Committee will adapt the Technical Regulations as follows:*

Instantaneous gearshifts are forbidden.

Gearshifts must be distinct sequential actions where the extraction of the actual gear engagement is subsequently followed by an insertion of the target gear engagement.

Only one single barrel shift mechanism or one H-pattern gearshift mechanism is permitted.

The gearshift mechanism must operate all forward gears, the reverse gear may be operated by a separate actuation system.

An engine cut must be applied for a minimum of 30 ms during upshift, meaning the average over 30ms of the sum of the torques given by the 2 rear driveshaft torque sensors must be lower than 50% of the torque given by the same torque sensors just before the cut happens.

**During this 30 ms engine cut, the IVT sensor signal must be lower than 0 W and higher than -10 W.**

## PERIOD OF VALIDITY/APPLICATION OF THE DECISION

This decision comes into effect:

- with immediate application**  
 from:

And is applicable:

- until further notice**  
 for the mentioned event(s) only