

F4 Technical Rule Bulletin

No: TRBF4-2021-004

Date: August 11, 2021

Subject: Changes to Gearbox Service & Preparation Rules

This final wording will go into effect immediately.

Article 26.3.d. is updated to:

The specified gear ratios allowed for official test days and Events are:

Gear No.	Tooth Count 1	Tooth Count 2	Gear Ratio (TC1/TC2)
1st	35	14	2.50
2nd	35	18	1.94
3rd	28	18	1.56
4th	28	21	1.33
5th	28	24	1.17
6th	23	22	1.05

Article 26.3.m is updated to:

Oil in the transmission must reach at least the level of the removable inspection plug located on the right side of the transmission, just aft and above the reward clevis for the lower wishbone. The gear oil must run out of the gearbox when the fill-plug is removed.

The following is now added to Article 26.3 Specific Car Requirements:

- s) The gearbox must be used exactly as supplied from Ligier/Sadev with the following exceptions;
- The back-end of the gearbox will not be sealed to allow teams to service/repair their gearboxes. No surface finishing, treatment of gears, or any modification of the gearbox internals will be tolerated. The gears and other gearbox internals must be used as delivered from Ligier and Sadev.
 - The front-end of the gearbox, where the differential is located, must remain sealed with updated cable seals.
 - Any team servicing their own gearboxes will be considered to be entirely at fault if any damage occurs due to the improper installation of any parts. No consideration will be given to the team by the Championship, SCCA Pro Racing, Parella Motorsports Holdings, Ligier, or Sadev.
 - The penalties for intentionally modifying a gearbox outside of those modifications allowed in Article 26.3 will include the loss of all points for that Event and a \$5,000 team fine.