

# FR Technical Regulation Bulletin

**No:** TRBFR-2024-01

**Date:** July 23, 2024

**Subject:** Permitted ECU Cooling Modification

**Article 28.2 Engine Modifications** – Add the following paragraph to the end of this section.

k) A flexible hose of 1" I.D. may be routed from inside the right sidepod (see images 28.2.k-1 and 28.2.k-2 below), through the upper wall of the radiator duct, and down to the ECU (see image 28.2.k-3 below). This modification dropped the ECU temperature by up to 20-degrees C. This is a permanent modification; therefore, teams need not remove this modification when the ambient temperature drops. Teams may tape-up/close-off the inlet for this hose at will.



Image 28.2.k-1

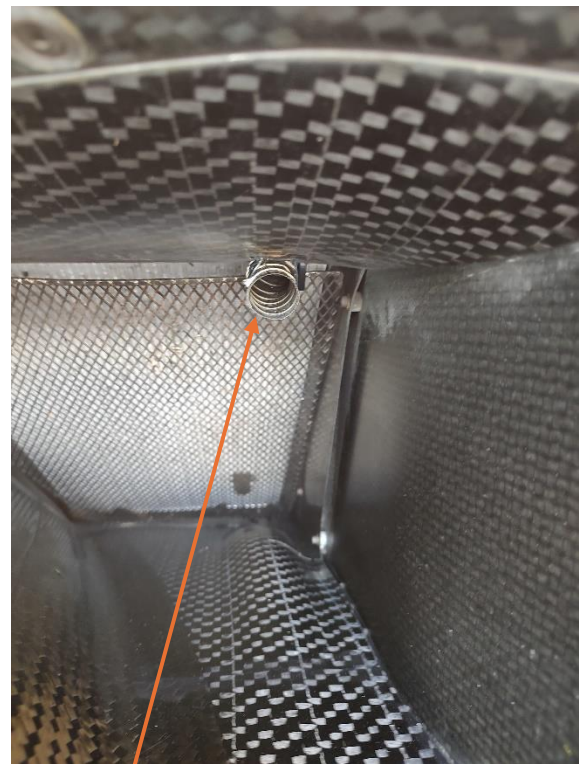


Image 28.2.k-2



Image 28.2.k-3

Note, this modification has been allowed because the 2024 event at the Indianapolis Motor Speedway demonstrated a need for several cars to add additional cooling capacity for the ECU, beyond the NACA duct required to be installed in the right sidepod, as the ambient temperatures approach 90+ degrees F, the humidity is high, and particularly when the cars spend an extended period of time running between two close walls that limit the amount of cooler air that can enter the sidepod, etc.