



## Ligier JFC Technical Advisory Memo

**No:** JFC-TAM-2026-01  
**Date:** February 4, 2026  
**Subject:** Fuel Cell Bladder Pressure Testing & Replacement Timeline

During the 2025 season, we noticed a few cars had instances of fuel bladders and/or fill-plate gaskets leaking. Given the age of many of the JS-F4-2016 cars in the Series, the original fuel cell bladders, seals, and foam are starting to need attention by teams. Additionally, some teams overtighten the bolts on the fill plate, thereby damaging the rubber gasket which causes fuel to leak from the fill plate. Most of the issues we saw this past season were from the fill plate.

Whenever the fill plate is unbolted from the bladder, it is recommended that the gasket be replaced as this can be a point of leakage. At a minimum, the gasket should closely be inspected for damage. When bolting the fill plate back onto the bladder, the bolt torque should be a minimum of 40 inch-lbs., and a maximum of 50 inch-lbs. Any tighter than this, and it can damage the gasket and cause a leak.

During the Annual Vehicle Safety Inspection, and periodically thereafter, we will be pressure testing the fuel bladder of the older JFC chassis. When the trackside pressure test is performed, the vent line will be plugged, and a modified fuel cap will be installed. Then a hand air pump equipped with a pressure gauge will be used to pressurize the system to 1-3 psi. The fuel system must maintain pressure for three (3) minutes.

The first pressure test of the fuel bladder should be done by the teams in their facility before they arrive at the track. Any vehicle that fails to hold pressure during the test, or is found to have a leaking fuel system, at any time during an event, will be immediately removed from competition until repairs are completed. Teams are encouraged to modify an extra fuel cap so they can check the integrity of their own fuel systems before leaving for the track.

Please contact me, or our Chief Scrutineer, Mike Atkins, with any questions regarding this new inspection procedure.

Best Regards,

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