

# PB-47-903-FTL - Fluorosilicone Fuel Tank Cap Seals

**Concern:** Fuel caps that use nitrile rubber seals may leak because the seals can shrink after prolonged exposure to high ambient temperatures, fuel additives, and biofuel blends.

When the nitrile seals shrink, the cap may weep or leak fuel.

**Affected Models:**

M2/108SD/114SD Plus      M2/108SD/114SD  
3<sup>rd</sup>/4<sup>th</sup>/5<sup>th</sup> Gen Cascadia

**Root Cause:** Prolonged exposure to high ambient temperatures, fuel additives, and biofuel blends.

**Correction:** A new range of caps featuring fluorosilicone seals is available, offering improved resistance to the aforementioned factors.

A footnote has been added to applicable production parts listed in Excelerator to document the optional upgraded cap where applicable.

The current crossover list is also provided in Table 1.

Table 1, Fuel Tank Cap Crossover Part Numbers

Current Nitrile Rubber Cap Part Number	New Fluorosilicone Cap Part Number
03-37017-000	03-45695-000
03-37017-001	03-45695-001
03-37017-002	03-45695-002
03-37017-003	03-45695-003
03-37017-004	03-45695-004
03-37017-005	03-45695-005
03-37017-006	03-45695-006
03-37017-013	03-45695-007
03-37017-016	03-45695-008
03-37017-017	03-45695-009
03-37017-018	03-45695-010
03-37017-019	03-45695-011
03-37017-020	03-45695-012
03-37017-021	03-45695-013

[47-903 Fluorosilicone Fuel Tank Cap Seals - Technical Literature](#)