

SPT Fuel Line Breakaway, o-rings - Technical Announcement
03/21/08

Subject: Staubli SPT Fuel Line Breakaway O-ring seals

Submitted By: Jeff Barrow – Staubli Motorsports Manager

Details: Staubli manufactures several FIA approved fuel line breakaways. Due to the increase usage of fuels that contain higher mixtures of Ethanol and Toluene, Staubli recommends o-ring seals with Fluorosilicon or Kalrez o-ring seals for any product that is in direct contact with fuel. Viton, previously approved for regular fuel, is not recommended, and often will dry and swell with the new fuels, causing a leak or hard disconnection. Staubli has consulted with Sunoco and VP Fuels on this topic and they agree with this decision.

Star Mazda Fuel Line breakaways should have a “**JS3**” Fluorosilicon or “**JKV**” Kalrez/Viton blend stamped on the plug and socket. Please replace all “**JV**” sockets and plugs with JS3 or JKV.

Staubli is currently transitioning to all JKV seals by the middle of 2008, as JKV is the best solution for these fuels moving forward.

Sockets:

SPT08.3655/L/JS3 – Socket with safety lanyard, Dash 6 end fittings, Fluorosilicon seals

SPT08.3655/L/JKV – Socket with safety lanyard, Dash 6 end fittings, Kalrez seals (available 02/08)

Plugs:

SPT08.7655/L/JS3 – Plug with Dash 6 end fittings, Fluorosilicon seals

SPT08.7655/L/JKV – Plug with Dash 6 end fittings, Kalrez seals (available 02/08)

Please call myself at 1-864-607-2258 or Mike Neely in our Duncan, SC office at 1-800-845-9193, if you have any questions or concerns.

Thanks again,

Jeff Barrow
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