# RADICAL MOTORSPORT - TECHNICAL BULLETIN #2023.10

DATE: 2023-05-31 MODEL: SR10

# RADICAL

# DI FUEL PUMP CONNECTION AND FUEL LINES

## **PRIORITY - HIGH (ACTION)**

Following on from bulletin TB2022.5-DI fuel pump connection, a more permanent fixing for the DI fuel pump connection has been trialed and approved (FL0121). To further improve the routing of the fuel lines, two new lines have been introduced to allow the T piece to be moved to a more secure location. Production cars will be fitted with these parts as standard. Customers who wish to update to this production spec should follow the below steps.

### Parts required -

FL0134 - Fuel line T-piece to DIP pump

FL0135 – Fuel line Regulator to T-piece

FL0121 - DIP pump fitting

FL0004 - Fuel line T-piece

Various cable ties, cloth or paper towel, paint pen

2 x ZT0095 - Cable tie base

2 x 7M06/013 - M6x20 button head bolt

2 x 7M06/066 - M6 washer

2 x 7M06/002 - M6 nylock

### Process -

- 1. Remove the Air Filter for better access.
- 2. Release all cable ties securing fuel line from fuel pressure regulator to DIP pump.
- 3. Remove existing fuel line. Warning fuel line can still be pressurized.
- 4. Remove current DIP pump inlet fitting





5. Fit new DIP pump fitting FL0121, secure and mark in tight position for future reference.



- 6. Attach FL0135 to fuel regulator and FL0134 to DIP pump fitting
- 7. Remove Fuel sampling fitting from original T-piece and re-attach to FL0004





8. Fit the T-piece between two loose fuel lines and find the best position for fuel lines to rest without tension.

9. Mark the air filter bracket for mounting of the T-piece





- 10. Drill M6 holes and mount Cable tie bases using recommended hardware.
- 11. Double check and tighten all fittings and secure fuel lines in place with cable ties reducing potential movement to minimum.
- 12. Pressurize fuel system and check for leaks.
- 13. Re-install the Air filter

