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## **AAM Competition GT-R S-Line Twin Pump Fuel System**

### **INSTALLATION INSTRUCTIONS**

#### **WARNING FOR INSTALLER OF THIS PRODUCT**

\*\*\* Product(s) are designed for off-road / competition use only \*\*\*

This AAM Competition, LLC product requires above average mechanical ability to install properly. Installation requires the appropriate tools for tightening and loosening nuts and bolts involved for the installation of this kit. As with all mechanical projects, take appropriate precautions for your personal safety and for the proper care and treatment of the vehicle being serviced. Be sure and read through all directions before attempting.

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***IF PRINTING, PLEASE DO SO IN COLOR TO BETTER SEE ILLUSTRATIONS WHICH HAVE COLOR CODED ARROWS***

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### **1. Components**

- AAM Competition GT-R S-Line Fuel Assembly (AAMGTRF-SLINEKIT)
- Fuel Pressure Regulator & Bracket
- Line Kit
- Quick Disconnect Fitting
- 2 Wiring Harnesses with Connectors
- Fuel Rail Adapter
- 2 Hose Clamps

### **2. Tools Required**

- A. Ratchet
- B. 14mm socket
- C. Torque wrench (suggested)

### 3. Removal of OE Parts

- Remove passenger side rear bottom seat



- Use Phillips head screwdriver, turn all fuel tank clips to unlock



- Disconnect the two connectors
- Undo the 2 quick release fittings, fuel will spill out lines so have a rag handy



- Tuck lines out of the way
- Unscrew the 6 Phillips head bolts, securing the top hat in place

- Remove ring securing the bulkhead & level sender assembly



- Remove bulk head (please run tank down as low as possible before starting this installation)



- Removal of the pump assembly



1. Lift up on tab (located on bottom of housing toward front of car)
2. Slide assembly towards front of car
3. Assembly should loosen up
4. Lift out of the tank and let remaining fuel drain out

- Separate wiring from hoses
  1. Open the fuel pump housing
  2. Undo all the tabs & blue connector
  3. Undo connector at the pumps
  4. Separate harness
  5. Cut hoses away from bulk head

#### 4. Fitment of AAM Competition Parts

- Connect OEM wiring harness to new fuel pump harness (black is ground .....colored is power )



- Secure/Organize wiring with zip tie
- Connect feed line to feed fitting on bulkhead, from pump to y split



- Attach return line in the same manner
- Assembly is now ready to mate to tank
- Fittings will be fitted when assembly is back in tank
- Attach OEM quick disconnect siphon clip to the assembly

- Once assembly is locked in place
  1. Screw the fittings onto the top of the assembly
  2. Attach the two bigger quick disconnects to the siphon system



- Bulkhead goes back in on top of blue gasket (ensure the level hangs freely)



- Bulkhead holder goes back in place to secure the assembly

