



F.I.F.I. QUICK START GUIDE

(FULL INTEGRATED FUEL INJECTION)
Reported to the Kit 16A - (E1.s /D1.e)

1. Install the engine and read all safety instructions contained in the manual of the engine manufacturer;
2. **IMPORTANT:** install the injection unit with grey valve SMC directed toward the nose of the plane. Secure it with the use of clamps by subjecting to the reservoir of soft rubber. It can be fitted with a control unit which looks up or to the side as shown in the figures below;



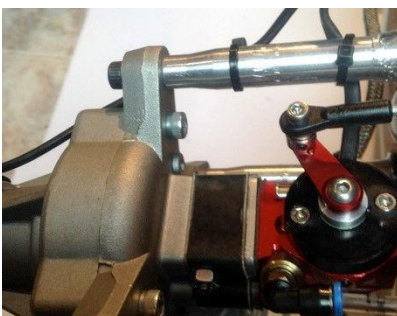
It is suggested the use of semi-circular support supplied as accessory



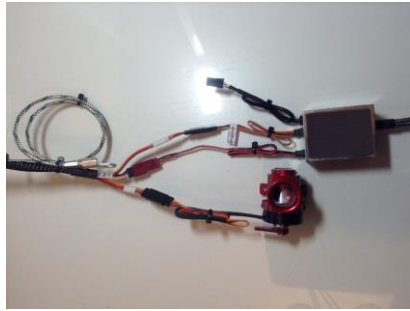
3. Attach the muffler and tighten the shortest screw;
4. Mount the temperature sensor with the screw 5x70mm with disk springs. Secure the shielded cable at the pillar above, using cable ties and double sided tape;



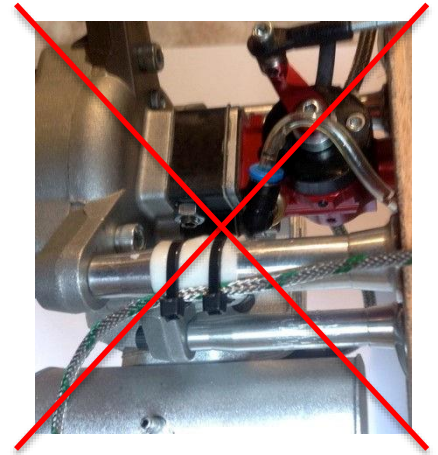
5. Connect the pick up sensor to the control unit and lock it on one of the engine mount with clamp. Do the same with the air sensor cable;



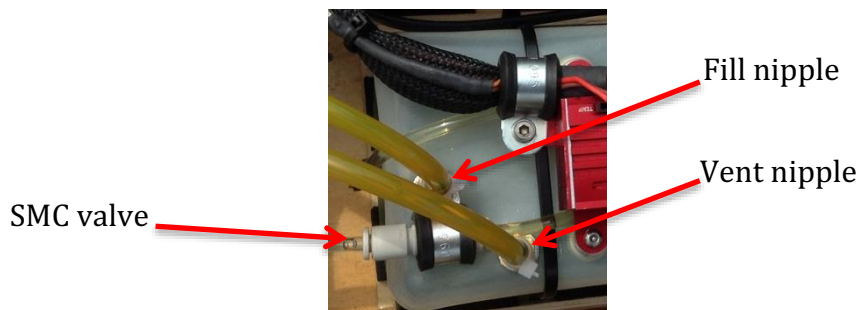
- Connect the two remaining spark unit plugs (RPM and supply), at the injection unit plugs. Connect the last at the valve position sensor;



- Secure with the use of plastic clips and clamps all plugs;
- Insert the 4mm polyurethane tube (40cm long) in the Festo valve without any curve;



- Connect the other end of the tube with the SMC valve installed on the injection unit;



- Connect the servo bracket with the F.I.F.I. valve bracket (use 3 mm rod and uniball);
- Connect battery Lipo4S at the injection unit;
- Travel the Injection unit valve to the closed position and out of the closed position;
- F.I.F.I. Control Unit will fill the supply fuel line until the injector unit automatically;
- Switch on the transmitter and receiver, move trim to zero position and adjust the min and max end stop travel with 830uS and 1680uS values, displayed in the "AIR DATA VALUE" inside the Info menu; exit from Info menu;
- Adjust the trim until throttle position 31-32 is showed on the display;
- Adjust the altitude value if different from preset parameter 100 meters;
- Three flips separated by more than three seconds eachother;
- 4 or 5 flips in rapid sequence and if the engine doesn't start three flips again separated by more than 3 seconds and again 4 or 5 others in a fast sequence;
- Let the engine to warm up over 60° Celsius and adjust the minimum at 1,500-1,600 RPM with the throttle trim;
- Wait until the message "WAIT" on the display will be replaced by the term "RUN";
- The engine is ready.

For more fine adjustments please refer to full manual.