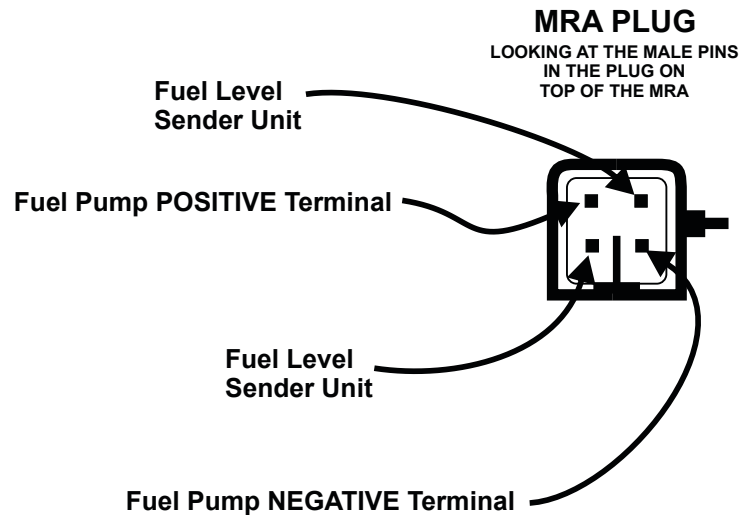
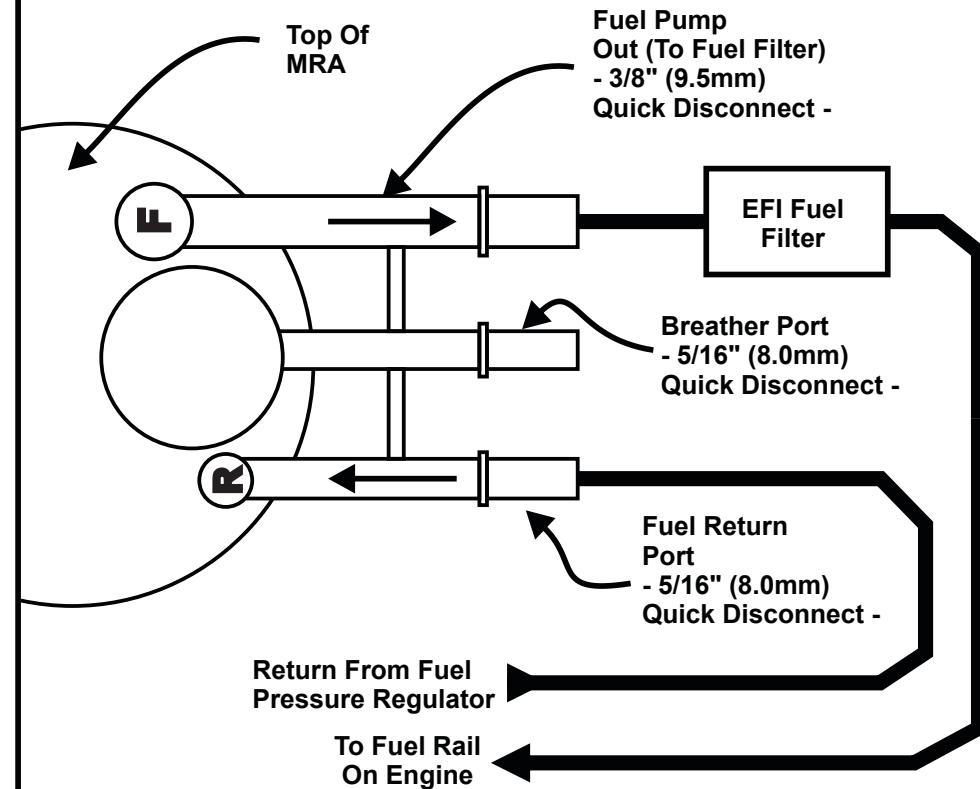




## WIRING



## PLUMBING



### NOTE:

The Fuel Level Sender is a simple variable resistor. The wiring does not have specific Positive or Negative Terminals. Hence, you can wire it either way around.

### MRA ELECTRICAL SPECIFICATIONS:

Fuel Pump Current Draw: 10A

Fuel Level Sender Resistance:  
- Empty: 39 Ohms  
- Full: 246 Ohms

### NOTES:

This MRA is a normal "Return Type". The fuel flows from the "Fuel Pump Out" Port to your fuel rail, then to your fuel pressure regulator, and finally returns to the "Fuel Return Port".

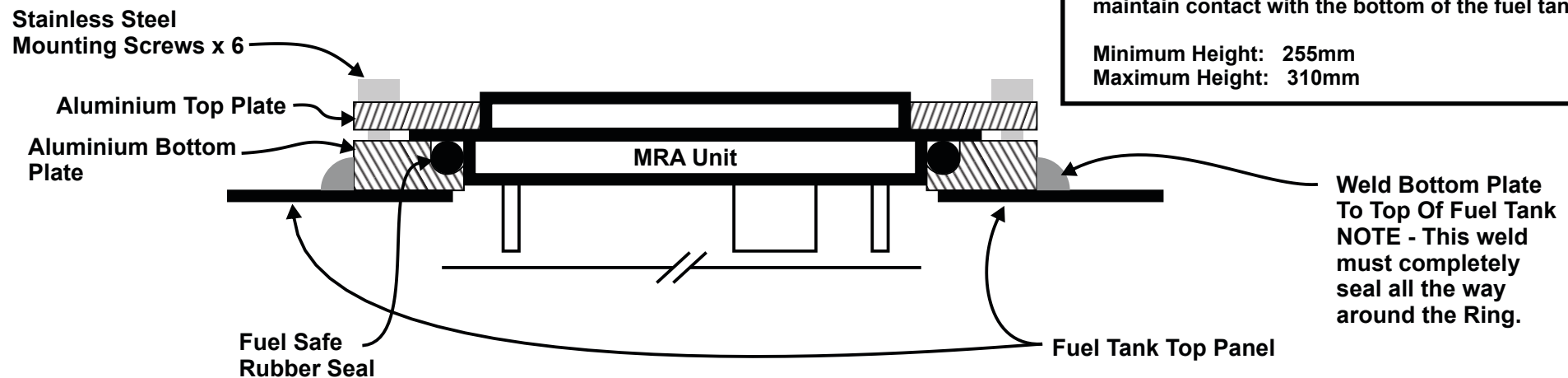


## INSTALLATION

### MRA MECHANICAL SPECIFICATIONS:

This MRA is spring loaded for height, meaning it can be mounted in a range of tank heights, and still maintain contact with the bottom of the fuel tank.

Minimum Height: 255mm  
Maximum Height: 310mm



### FITTING INSTRUCTIONS:

- 1) If there is any possibility that your Fuel Tank has had any fuel in it at all, you must drain your Fuel Tank of all fuel. Then, wash all remaining fuel from your tank with water.
  - 2) **There must be NO fuel or fuel vapor in the tank before you begin the fitment process.**
  - 3) **\*\*IF YOU ARE UNSURE ABOUT THE ABOVE STEPS, HAVE A PROFESSIONAL DO THE INSTALLATION\*\***
  - 4) Find a flat section on your Aluminium Fuel Tank.  
Cut a hole 100mm in diameter in the top of the tank.  
Mount the Bottom Plate and weld into position.
  - 5) Using the Stainless Steel Screws provided, test fit the Top Plate onto the Bottom Plate.
  - 6) Slide the MRA into the Seal and bring the Seal up to the Top Lip of the MRA.
  - 7) Remove the Top Plate, lower the MRA Unit into the tank. Make sure it is sitting flat into the Bottom Plate and Seal.
  - 8) Fit the Top Plate and secure it to the Bottom Plate again using the M5 Cap Screws, Lock Washers and Flat Washers.
- You have now fitted the MRA Unit into your fuel tank.