

Holden Commodore VX MRA P/N: 850-120P/850-120S Technical Document - Page 1 of 2 Revision 1 - 18/8/2014



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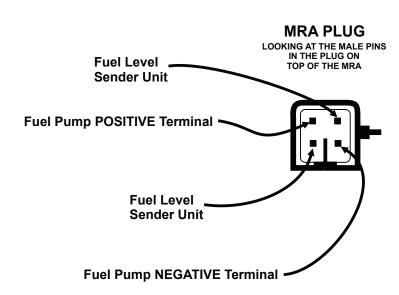


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WIRING



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

PLUMBING Fuel Pump Top Of Out (To Fuel Filter) MRA - 3/8" (9.5mm) Quick Disconnect -**EFI Fuel** Filter **Breather Port** - 5/16" (8.0mm) **Quick Disconnect -**"T-Piece" **Fuel Return** Port - 3/8" (9.5mm) Quick Disconnect -To Fuel Rail NOTES: This MRA is designed to be used in a "Dead End" fuel system. It contains an internal Fuel Pressure Regulator. The Internal Fuel Pressure Regulator determines your fuel You do not use a fuel pressure regulator after your fuel rail with this MRA.



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This MRA is spring loaded for height, meaning it

MRA MECHANICAL SPECIFICATIONS:

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INSTALLATION

Stainless Steel
Mounting Screws x 6

Aluminium Top Plate

MRA Unit

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

Weld Bottom Plate

Weld Bottom Plate To Top Of Fuel Tank NOTE - This weld must completely seal all the way around the Ring.

FITTING INSTRUCTIONS:

Fuel Safe

Rubber Seal

- If there is any possibility that your Fuel Tank has had any fuel

 1) 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**
- Find a flat section on your Steel Fuel Tank.

 4) 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.

Fuel Tank Top Panel

8) Fit the Top Plate and secure it to the Bottom Plate again.

You have now fitted the MRA Unit into your fuel tank.