

6 Pin Bulkhead Bolt-In Connector Installation Diagram

Part Number: 866-041
Connector Part Number: 866-040E
Drawing Revision 1 - 20/1/21



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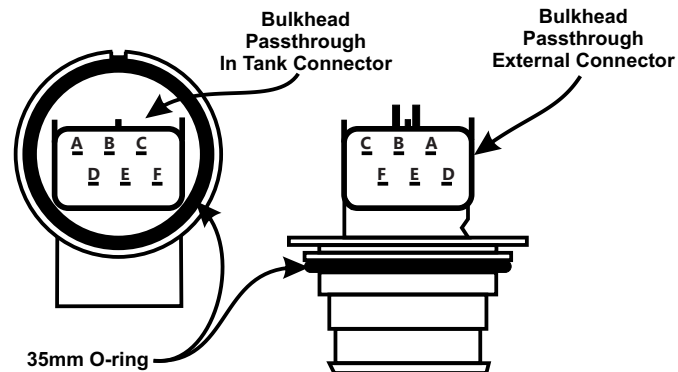
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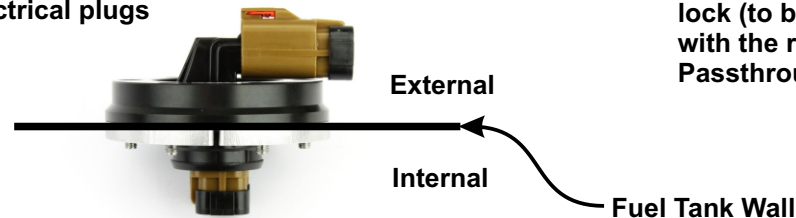
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TERMINAL CONNECTIONS:

A - A
B - B
C - C
D - D
E - E
F - F

Assembled Bulkhead Connector
and Aluminium Ring with circlip
and electrical plugs



INSTALLATION:

- Lubricate all O-rings prior to installation.
- Fit the 6 of 5mm x 1.0mm O-rings onto each of the M5 cap screws.
- Fit the 74 x 2.5mm O-ring into the groove on the rear of the black Bolt In Ring. You may need to hold it in place with some grease.
- Pass one of the clamps through the hole in the middle of the Bolt In Ring and align it with three of the mounting holes.
- Place the 35mm O-ring onto the Bulkhead Connector as shown.
- Place the circlip over the external connector before fitting the Bulkhead Connector into the aluminium ring.
- Press the Bulkhead Connector into the recess in the aluminium ring.
- Install the circlip into the circlip groove in the aluminium ring to retain the Bulkhead Connector to the aluminium ring.
- There are two plugs supplied with this kit. One has a red lock (to be used outside the tank), and one without the red lock (to be used inside the tank). If you try to use the plug with the red lock inside the tank, it will foul on the Bulkhead Passthrough In Tank Connector housing.

6 Pin Bulkhead Bolt-In Connector Installation Diagram

Part Number: 866-041
Connector Part Number: 866-040E
Drawing Revision 1 - 11/3/21



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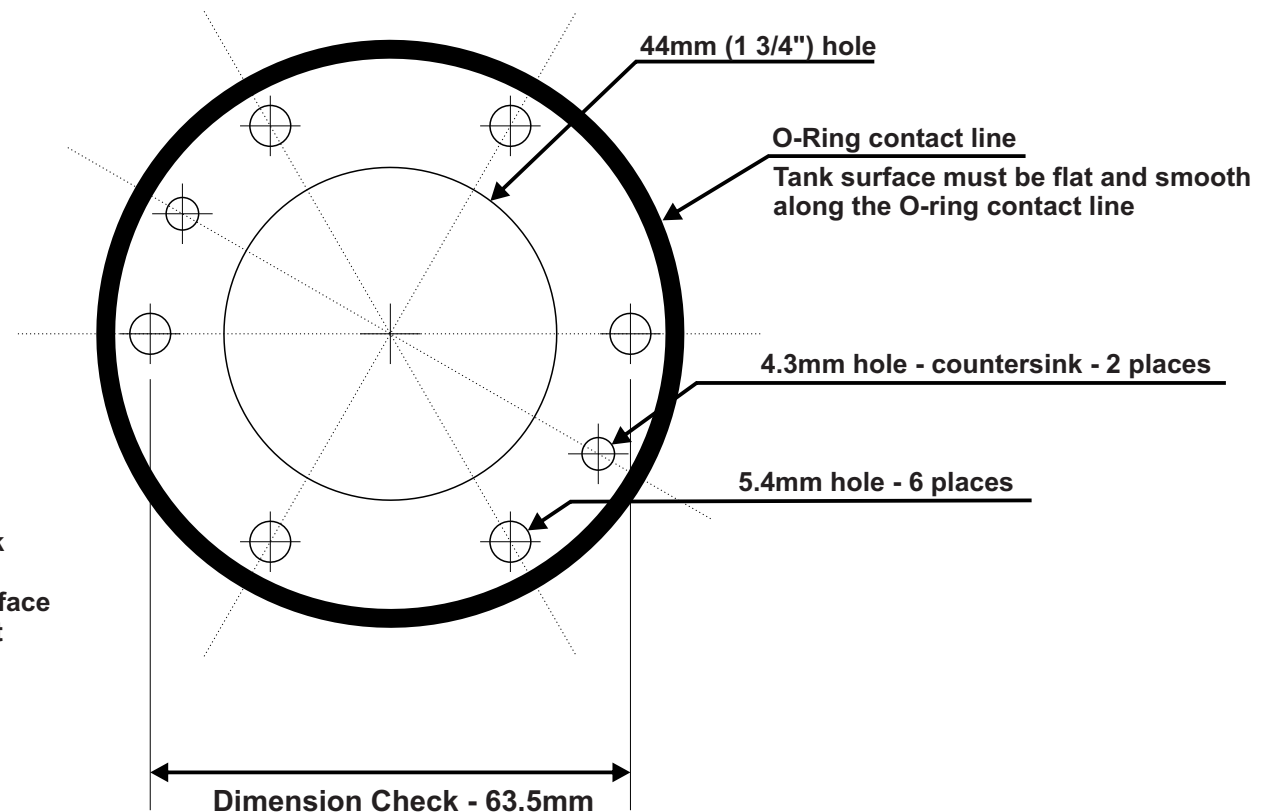
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TEMPLATE INSTRUCTIONS:

- Place this template over the area you are going to mount the Bulkhead plate.
- Ensure the area is completely flat and smooth, as any surface irregularities will render the o-ring seal ineffective.
- Use this template to center punch hole positions (Use the dimension check below the template before center punching the hole positions).
- Cut the central hole in fuel tank using a 44mm (1 3/4") hole saw.
- Countersink the 2 x 4.3mm holes and check with the provided countersunk screws that the heads finish flush with the fuel tank surface to ensure the o-ring can seal evenly against the fuel tank face.



IMPORTANT: For this template to be accurate, use the above dimension check using a quality ruler to ensure the correct scale on this document.