



PAC PERFORMANCE HIGH CAPACITY FUEL TANK PACKAGE MAZDA RX3/808 1972-76 SEDAN & COUPE

Congratulations on purchasing a Pac Performance High Capacity Fuel Tank Package. We have designed these tank/pump setups to be as simple & straight forward as possible for DIY installation however, if you are not confident in your capabilities to carry out the install we highly recommend having the job carried out by a professional with the correct tools and experience.

COMPONENT LIST

Fuel Tank With Pump Cradle (pre-Assembled & Wired With Pumps)
Fuel Sender Assembly (pre-fitted & calibrated)
Mounting Hardware
Pump Wiring Kit (optional)
Fabricated Filler Neck Kit (optional)
Fuel Line Plumbing Kit (optional)

INSTALLATION NOTES

Supplied pre-assembled and ready to bolt in, the RX3/808 Sedan & Coupe Fuel Tank setup utilises the 4 factory M8 mounting points on the rear shock towers, with 2 additional mounting points on the base of the tank for extra support.

When Installing the tank into the car, 3 holes will need to be drilled into the boot floor - 2 for the base mounting points to suit the supplied M8 hardware and a single 40mm hole on the left side of the tank for the drain point.

Each tank is supplied with a new fuel level sender, pre-installed & calibrated as standard to suit factory analogue gauges with a 90 ohms signal at empty and 0 ohms at full. The unit is also compatible with digital dash displays however, it will require recalibrating to suit.

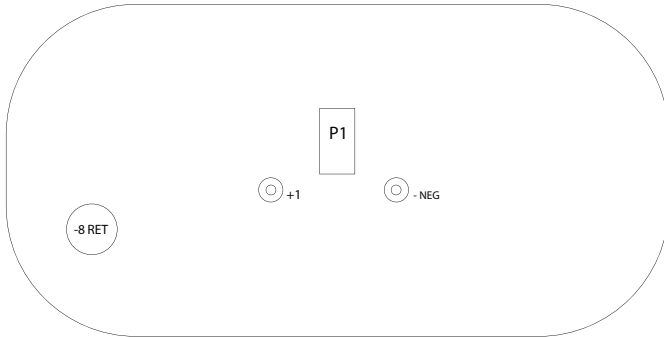
All fuel tanks come with the supplied fuel pumps pre mounted on the cradle, wired & plumbed using ethanol compatible components, ready to run your fuel lines to the -6 bulk head fittings. While any fuel safe hose can be used to plumb the system, we highly recommend using quality Teflon braided line. A Fuel Line Plumbing Kit is available to go with your fuel tank package as an optional extra (See Pg3).

We recommend the wiring side of the installation be carried out by a qualified auto electrician, referring to the wiring diagram on pg2. We are also able to supply pump wiring kit (see pg3) with all the major components required to get you started, matched to your chosen pump combination.

PUMP CRADLE LAYOUT

An option wiring kit is available to aid in the installation however, we recommend electrical work be carried out by a qualified auto electrician to ensure the job is carried out correctly & safely. Pac Performance accepts no responsibility for component damage or poor performance as the result of incorrect installation

SINGLE PUMP



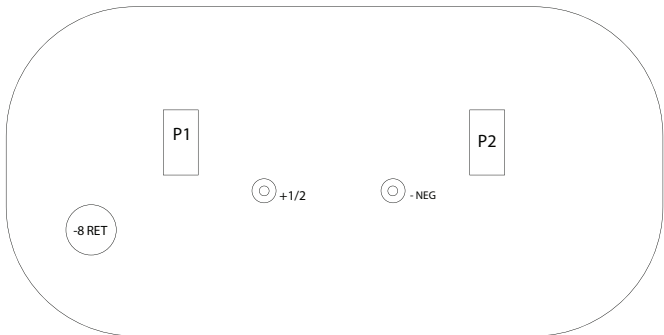
Single Walbro 342 Pump (Standard)

- 40A Relay / 30A Fuse
- 5mm Cable Recommended

Single Walbro 460 Pump (Optional Upgrade)

- 40A Relay
- 6mm Cable Recommended

TWIN PUMP



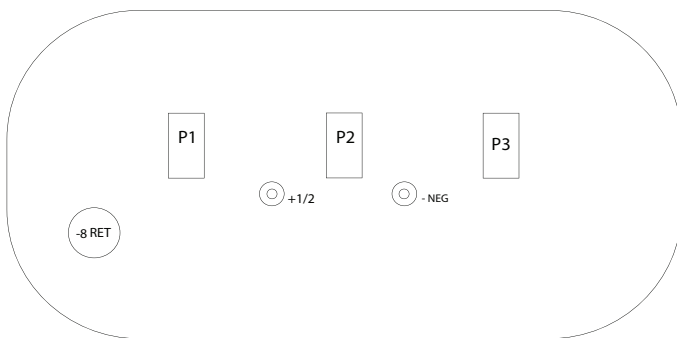
Twin Walbro 342 Pumps (Standard)

- 70A Relay / 50A Fuse
- 6mm Cable Recommended

Twin Walbro 460 Pumps (Optional Upgrade)

- 70A Relay - 50A Fuse
- 6mm Cable Recommended

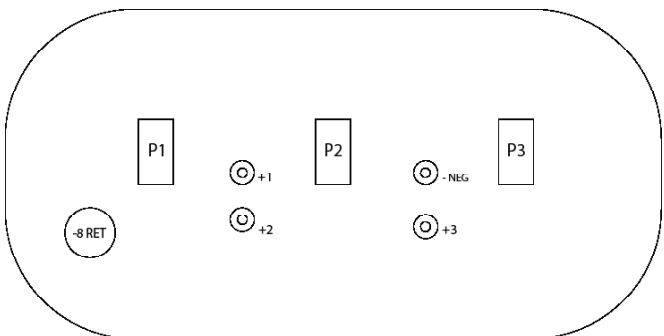
TRIPLE PUMP 342



Triple Walbro 342 Pumps (Standard)

- 40A Relay (Pump 1) 70A Relay (Pumps 2/3)
- 60A Fuse
- 8mm 8BNS Cable Recommended

TRIPLE PUMP 460/525



Triple Walbro 460 Pumps Staged (Optional Upgrade)

- 40A Relay (Pump 1) 70A Relay (Pumps 2/3)
- 60A Fuse
- 8mm 8BNS Cable Recommended

Triple Walbro 525 Pumps Staged (Optional Upgrade)

- 40A Relay (Pump 1) 70A Relay (Pumps 2/3)
- 60A Fuse
- 8mm 8BNS Cable Recommended

Upgraded pumps are set up in staged operation as standard with pump #1 operating constant & pumps #2 & #3 set to turn on based on tuner set parameters - This is our recommended setup.

OPTIONAL EXTRAS

In addition to the fuel tank/pump setup, we can also supply additional components to aid in the installation, including a fabricated replacement filler neck, Pump Wiring Kit & a Fuel Line Plumbing Kit. While the installation is not a complex job, we do recommend that it be carried out by someone with experience working on aftermarket performance automotive fuel systems to ensure the job is carried out correctly & safely. Pac Performance accepts no responsibility for component damage or poor performance as the result of incorrect installation.

FUEL FILLER NECK KIT

To complete your fuel tank upgrade we also offer direct-fit replacement fabricated filler neck kits which supply you with everything you need to carry out the upgrade, including fuel safe joiner hose, gasket, breather hose & fittings, billet cap & stainless hardware.



PUMP WIRING KIT

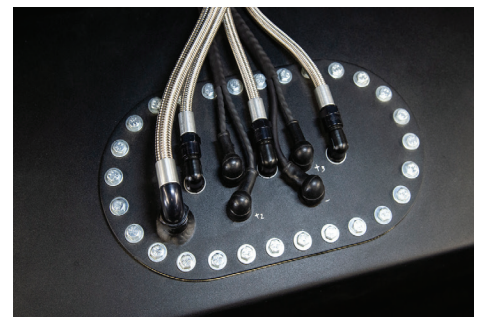
To assist with the installation of your new fuel tank setup, specifically wiring up the fuel pump, this kit will provide all the major components required to get you started, matched to your chosen pump combination.

Note: We recommend wiring be carried out by a qualified auto electrician.
Single pump kit pictured



FUEL LINE PLUMBING KIT

Taking the hassle out of plumbing up your new multi-pump fuel system, we can supply you with a pre-assembled fuel line set to suit twin or triple pump tanks, with quality Speedflow 550 Series crimp fittings & Teflon braided hose, plumbed up to the 2 or 3-way distribution block also supplied with the kit.



While this quick guide will provide you with the information needed to carry out the installation of your new Pac Performance Fuel Tank, if you should have any questions or concerns or require any technical assistance we are here to help - Simply give us a call at the workshop on +612 9792 7076 or email info@pacperformance.com.au

THANK YOU FOR CHOOSING PAC PERFORMANCE



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