

2 Fuel Tank

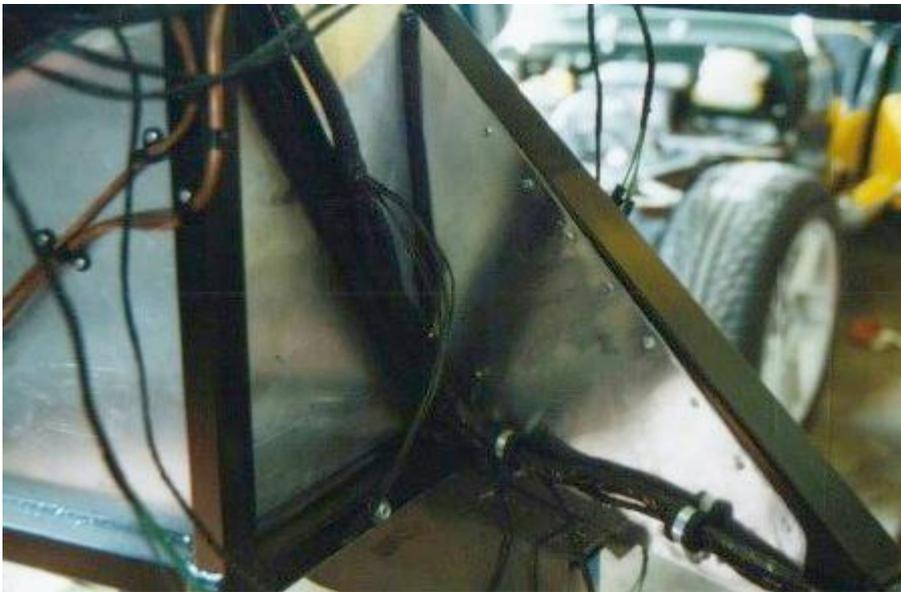
2.1 Fuel sender

What you need:

- Punch.
- Hammer.
- Drill.
- 3mm drill bit.
- 5 x 6mm x 3/4" self tapping screws.
- Float.
- Sender unit.

The first thing to do is fit the fuel sender to the fuel tank.

- Attach the float to the sender unit and place the whole unit into the hole, situated on the top of the tank, including the gasket.
- The float will probably be in contact with the bottom face of the tank, this is not advisable as it means when the gauge reads empty the tank is empty. So, bend the float rod up a little so that the float is about 20mm above the bottom of the tank-you can hold the sender level on the outside of tank as a guide.
- With the fuel sender in place mark, using a punch or pen where the five holes need to be drilled to fit the sender.



- Drill holes of a suitable size for self tapping screws provided about 3mm diameter.
- Replace sender and fit self tapping screws supplied thus securing the sender in place.

2.2 Tank

What you need:



Fig 2



fig 2aa

Tank.
Straps.
Chalk.
Foam tape.
vice
Punch.
Hammer.
Drill.
8.mm Drill Bit.
Spray Paint or Hammerite.
4 x M8 X 35 Bolts with nyloc nuts.

- The fuel tank must be fitted similar to the line of panard panard rod(on live axle cars) This is at a slight angle to the chassis. Place the panard rod in approx position.
- Place the fuel tank next to the panard rod ensuring that the petrol filler is positioned pointing towards rear panel.
- Mark the position of the tank on the chassis using chalk.
- Remove the tank and panard rod.
- Place a strip of the foam tape or a strip of rubber(an old inertube cut into strips is ok) onto the chassis where the tank will sit.
- Now replace the tank and line the straps up, marking on them where they need to be bent in order to fix onto the chassis.
- Remove tank and straps.
- Bend straps using a vice or square block in the correct positions.
- Replace tank and straps making sure that the straps fit correctly.
- Mark out on the straps where holes need to be drilled, using a punch or pen in order to fix the straps securely to the chassis.
- Remove straps and drill the 8 mm holes in them
- Replace straps and using a punch or pen mark where the holes are needed in the chassis.
- Remove tank and straps.
- Drill holes in chassis members for strap fittings.

Fig 2A

N.B. The holes should not be drilled through any welding .

- The tank and straps now need to be sprayed for protection and aesthetics.
- Clean the tank and straps using white spirits.
- Spray paint provided evenly over the tank and straps or hammerite.
- Fig 2 and 2A shows tank..

N.B. Spray the straps after they have been shaped and drilled as you run a risk of damaging the paint if coated prior to shaping and drilling.

N.B. If Chosen small angle brackets can be welded onto the side of the NEW Petrol tank (similar to R6) BEFORE any fuel is put in it.---NEVER WELD A FUEL TANK AFTER FUEL HAS BEEN PUT IN IT.

R6 and B6---Uses a alloy race tank –these have angled brackets welded to them—and sit in a much lower position bolted to rear chassis- the tank fitted from underside rear – lift up the tank onto the chassis and mark The brackets (excess can be cut off)-drill the brackets with 6mm drill-then the chassis with 4mm drill –use captive bolts in kit to screw down.

Fig 2aa see fig 11 (at rear of manual)

