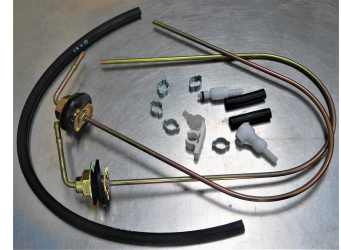


DIY Fuel Tank Kit

Making a jerry can work with a diesel heater using our DIY fuel tank kit consists of five basic steps:

1. Drill the fuel tank holes
2. Cut the fuel straws to size
3. Put together the breather
4. Put together the quick disconnect
5. Insert the fuel straws and attach



Drill the fuel tank holes



The holes are drilled into the jerry can using a step drill bit.



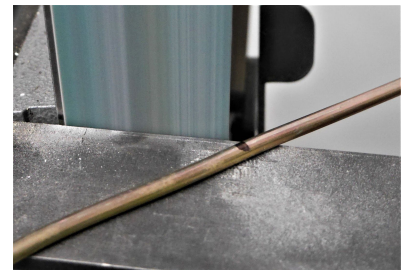
The holes are drilled to 24mm each.

Put the holes toward the front of the jerry can to allow room for the fuel straw outlets

Cut the fuel straws to size



We use a belt sander to cut the fuel straws to length, but an angle grinder can also work.



The breather straw should be cut short and the fuel straw should come to around 20 mm above the bottom of the tank.

Put together the breather



The breather tube fits onto the straw and is clamped down with an ear clamp.

The end filter for the other side of the tube does not need a clamp.

Put together the quick disconnect



Each end of the quick disconnect is secured using ear clamps.

The two small sections of fuel line joiner are used here to attach the quick disconnect to the fuel straw.

If needed, a bit of silicone lubricant makes it easier to push on.

Insert the fuel straws and attach



Before installing the fuel straws, shake out any material that might have fallen into the tank from the drilling process.

Insert the straw into the fuel tank on an angle and then straighten up so the tabs lock into the inside of the tank, push the rubber washer down the threads as far as it will go.

When you tighten the nut, make sure the tabs underneath are locking the straw in place.

Once the two fittings are installed, you're ready to connect the fuel line to the end of the quick disconnect joiner.