

2CV 40-LITRE FUEL TANK

Revision 2



Graeme Dennes

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By Graeme Dennes

Background

The relatively small fuel tank in the 2CV can sometimes prove inconvenient for those who choose to travel in the wide, open spaces. To ease this problem, the Burton Car Company in the Netherlands manufactures a 40-litre fuel tank kit intended as a drop-in (well, push up!) replacement for the 2CV's 25-litre tank. The tank kit comes with all necessary mounting hardware. No permanent modification is made to the vehicle, which means the 40-litre tank may be removed at any stage and the original tank refitted. The 40-litre tank is shown at Fig. 1.



Fig. 1 40-litre fuel tank

The new tank uses the four original fuel tank mounting points as well as two additional mounting points provided by a metal bracket included in the kit. The bracket attaches to and runs between the two chassis rails to support the rear extension of the tank which holds the extra fuel, shown on the left side of the photo above. The extension fits between the chassis rails, per Fig. 2.

Burton also provides a YouTube video describing the fitting of the 40-litre tank in the 2CV, accessible at: [2CV 40-Litre Fuel Tank](#).

NOTE: *If the chassis of your 2CV is not original, it could be worth checking that the 40-litre tank will fit between the inner faces of the chassis rails, per Fig. 2.*



*Fig. 2 The 40-litre fuel tank in-situ, in the company of some left-over Red Centre dust!
Also shown is the tank's rear mounting bracket (supplied with the tank).*

Assembly Drawings

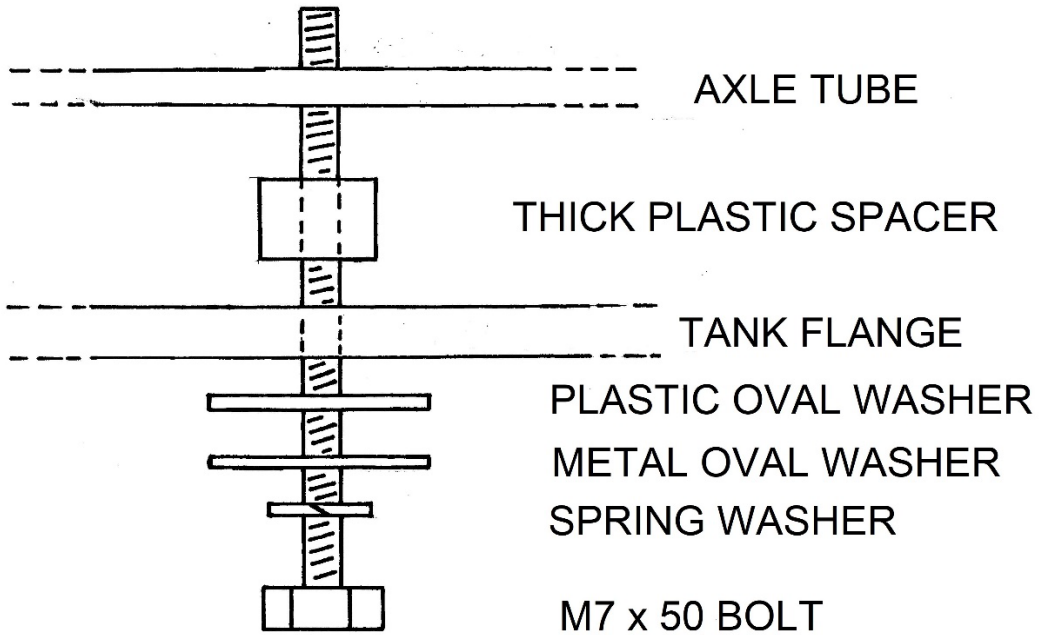
To assist with the installation of the 40-litre tank, the writer prepared drawings (following) showing the assembly of the eight mounting bolts and the associated parts. Six bolts attach to the tank and two bolts attach to the chassis rails. The writer forwarded the drawings to Burton engineering staff, and Burton confirmed the drawings are correct.

When fitting the tank, use the drawings in conjunction with the procedure shown in the website video. Ensure the rubber fuel hose which attaches to the fuel tank's metal outlet spigot is in excellent condition regarding its integrity, reliability, security and safety, and is positioned so the rubber hose is not kinked or pinched, blocking the fuel flow. If in any doubt whatsoever about the integrity of the rubber fuel hose, replace it. It's much easier to do it now! Ensure the two electrical wiring connectors at the tank are clean and securely attached at the tank fittings and at the ground connection under the tank mounting bolt.

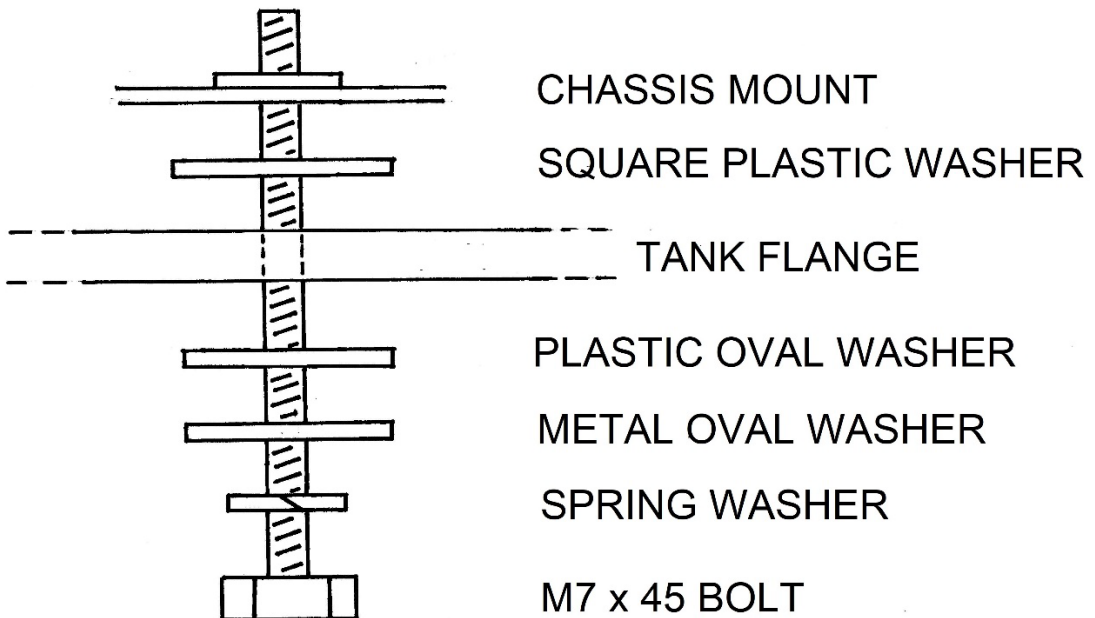
Additional Tasks

If you decide to order the 40-litre fuel tank kit, you may choose to replace the fuel sender unit and its rubber gasket at the same time. The screws and fibre washers which secure the fuel sender in the tank are supplied with the tank kit. It may also be an opportunity to replace the stepped rubber joining sleeve which fits between the metal filler pipe and the tank inlet pipe. Ensure the two metal circlips are in good condition for the task.

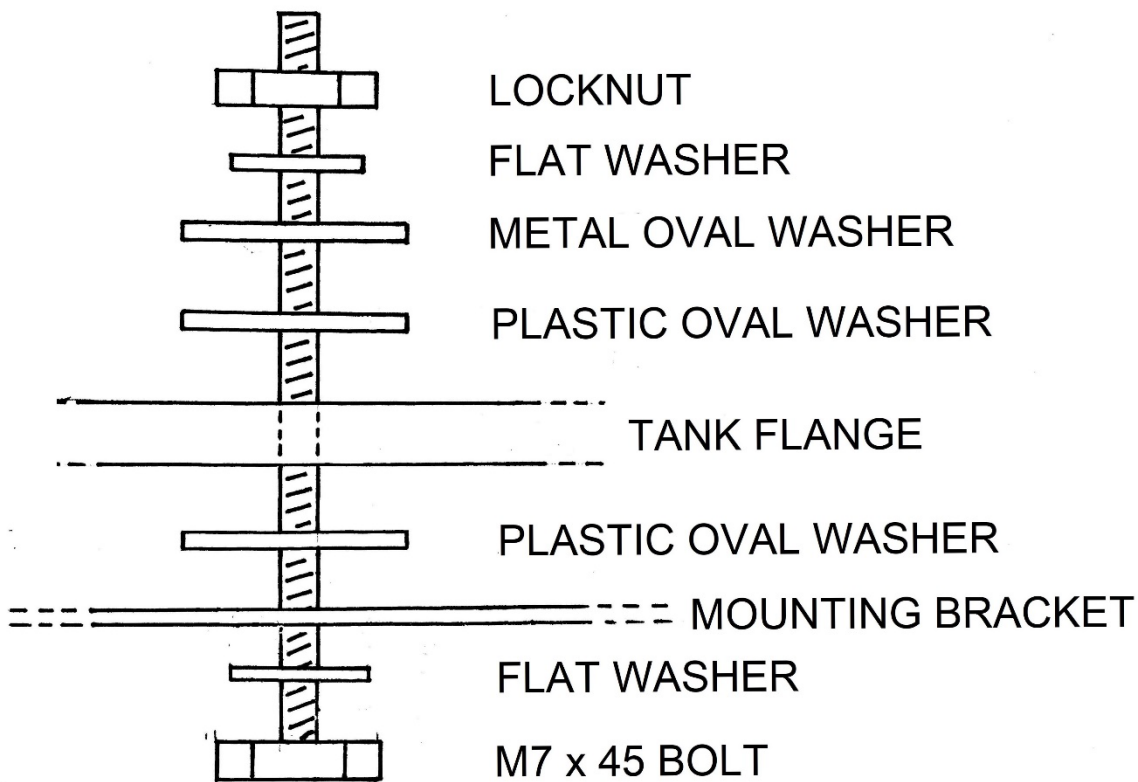
2 x FRONT BOLTS



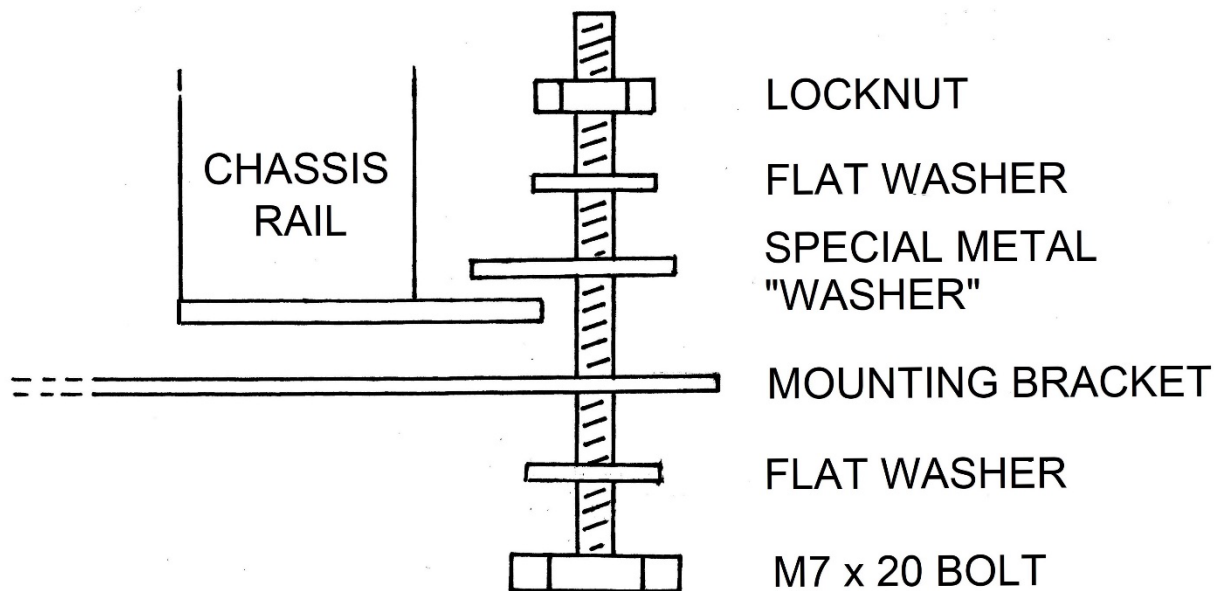
2 x SIDE BOLTS



2 x REAR INNER BOLTS



2 x REAR OUTER BOLTS



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