

2CV 40-LITRE FUEL TANK

Revision 1



By Graeme Dennes

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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 and sells 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. No scars remain! The tank is shown at Fig. 1.



Fig. 1 40-litre fuel tank

The tank installation 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 below. 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 would be worth confirming that the width between the inner faces of the chassis rails is sufficient to allow the new tank to be fitted.*



*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

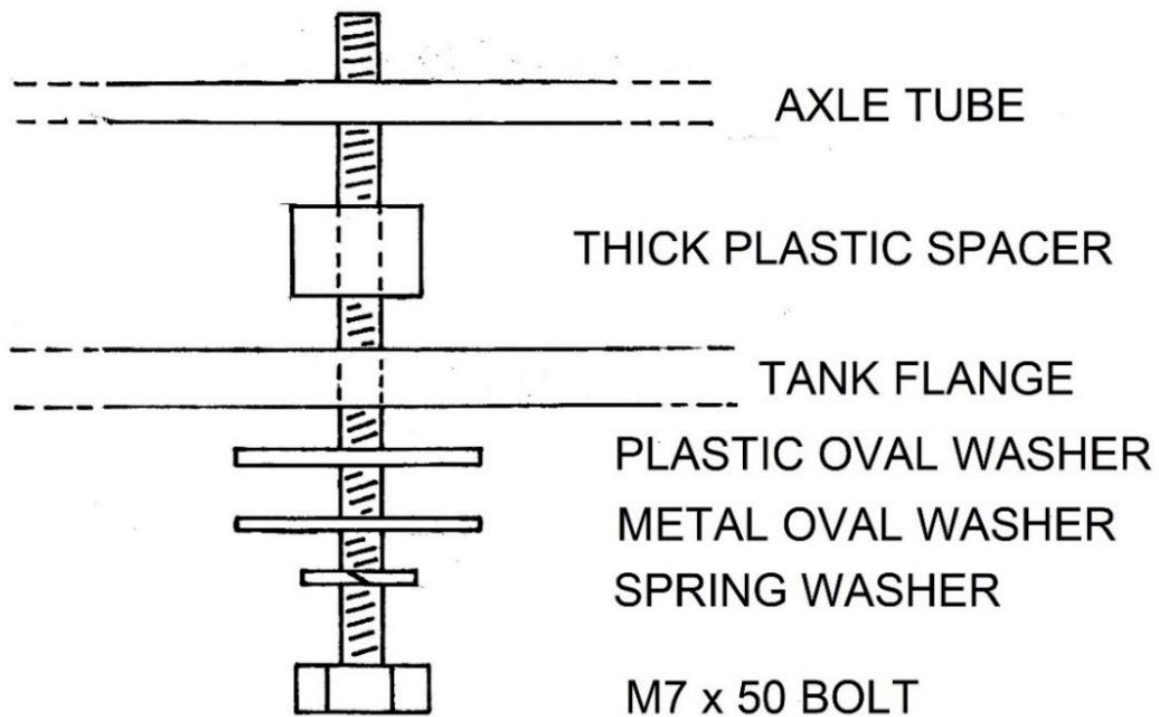
To assist with the installation of the 40-litre tank, the writer prepared two drawings (below) showing the assembly of the eight mounting bolts and the associated parts. Six bolts attach to the tank and two bolts attach to the chassis rails. The writer forwarded the drawings to Burton engineering staff, 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 tank metal outlet fitting is in excellent condition regarding its integrity, reliability, security and safety. If in any doubt whatsoever, replace the section of rubber hose. Ensure the electrical wiring connections at the tank are clean and securely attached at the tank and at the ground connection at the tank mounting bolt.

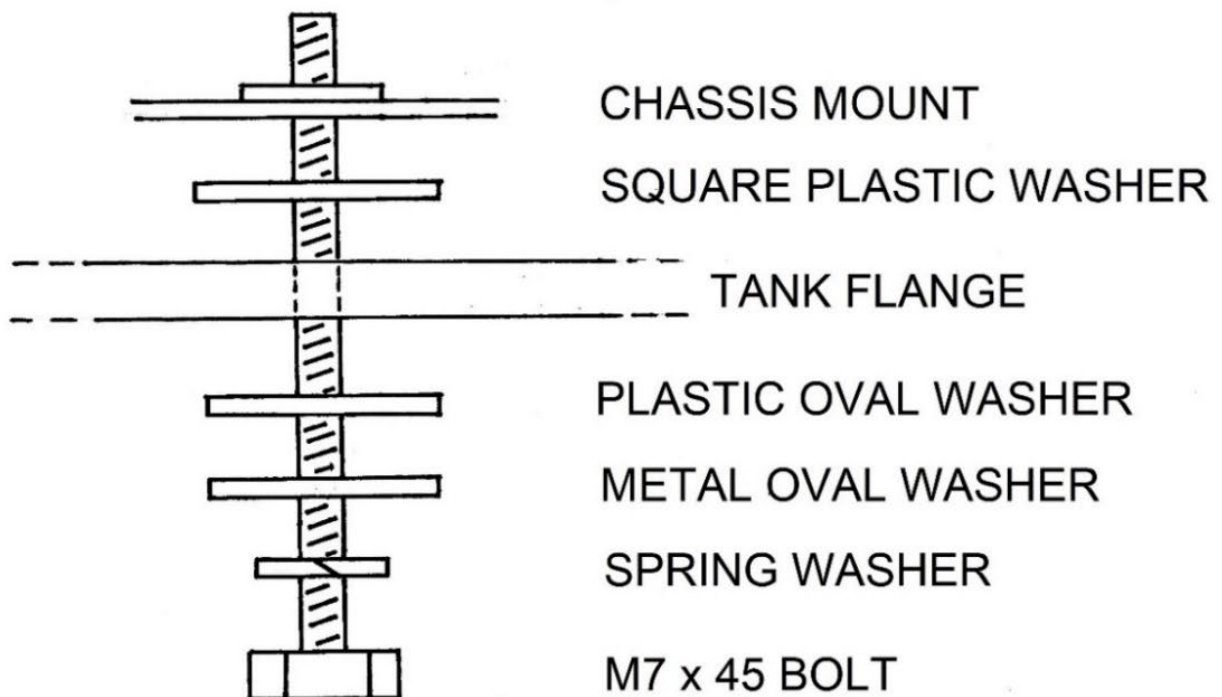
Additional Tasks

If you decide to order the 40-litre fuel tank kit, you may choose to replace the fuel sender 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 rubber joining sleeve between the fuel filler pipe and the tank inlet pipe.

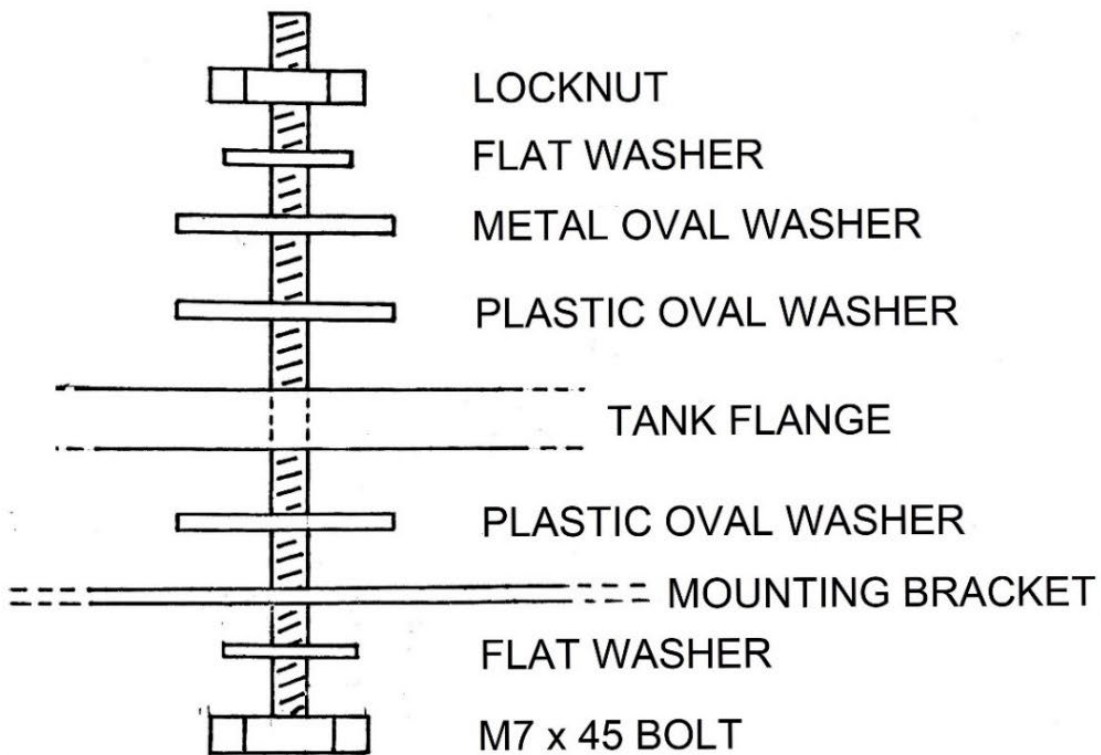
2 x FRONT BOLTS



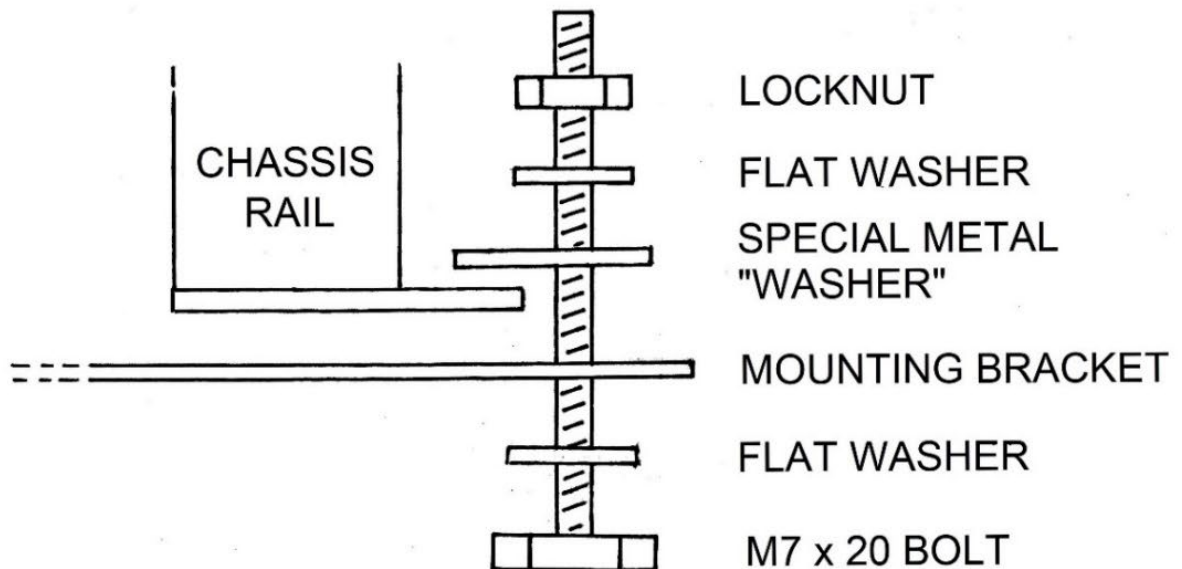
2 x SIDE BOLTS



2 x REAR INNER BOLTS



2 x REAR OUTER BOLTS



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30. Ignition Coil Ballast Resistors (Revision 5) – **applies to all vehicle brands**
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FINAL STATEMENT

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