

2CV 40-LITRE FUEL TANK

By Graeme Dennes

Background

The relatively small fuel tank on the 2CV can sometimes prove inconvenient for those who travel in the wide open spaces. To ease this problem, the Burton Car Company in the Netherlands manufactures and sells a 40-litre plastic fuel tank kit intended as a drop-in replacement for the 2CV's original 25-litre plastic 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 time and replaced with the original tank. No scars remain!

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, essentially above the line of the lower edges of the rails. Photo courtesy of the Burton Car Company.



An online video describing the fitting of the 40-litre tank in the 2CV is accessible on the Burton web page which presents the tank details: [2CV 40-Litre Fuel Tank](#). The video is accessed on the right side of the web page.

NOTE: *If the chassis on your 2CV has been replaced at some stage, it would be prudent to confirm that the width between the inner faces of the chassis rails is sufficient to allow the new tank to be fitted.*

Assembly Drawings

To assist those who may wish to fit the 40-litre tank to their 2CV, the writer has prepared drawings showing the assembly of the eight mounting bolts and the associated parts. The drawings were conveyed to Burton engineering staff, and after two corrections, Burton advised the drawings are correct. The drawings follow. (Excuse the high-quality software used!)

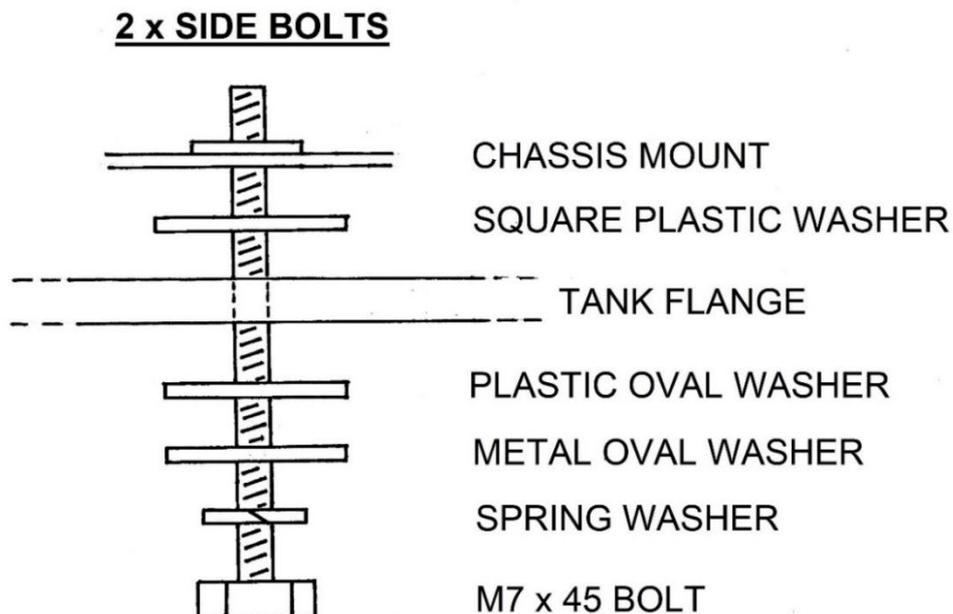
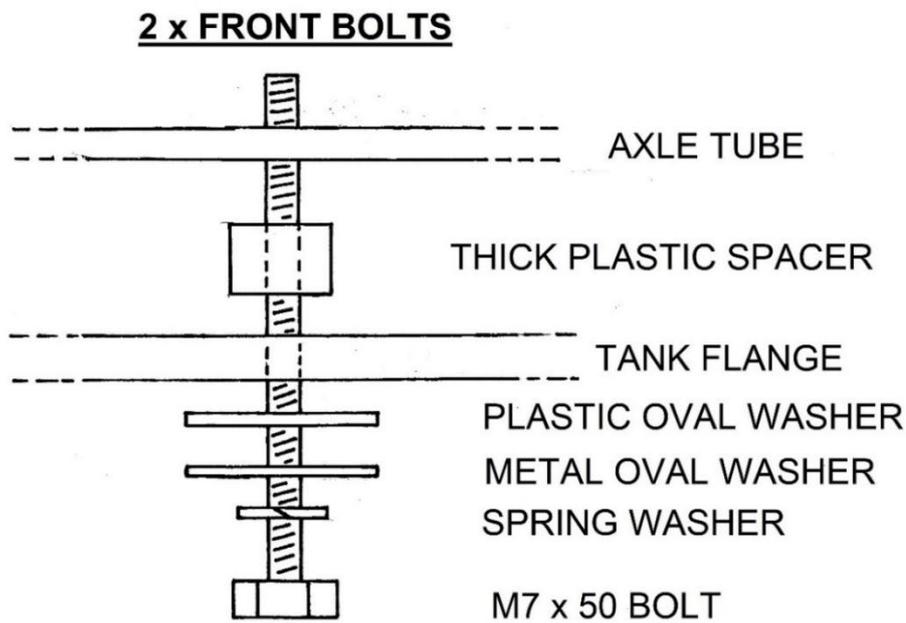
On receipt of the tank kit, use the drawings to confirm the parts count is correct.

When fitting the tank, use the drawings in conjunction with the procedure shown in the web site video. Ensure the three electrical connections associated with the fuel sender are thoroughly clean and tight.

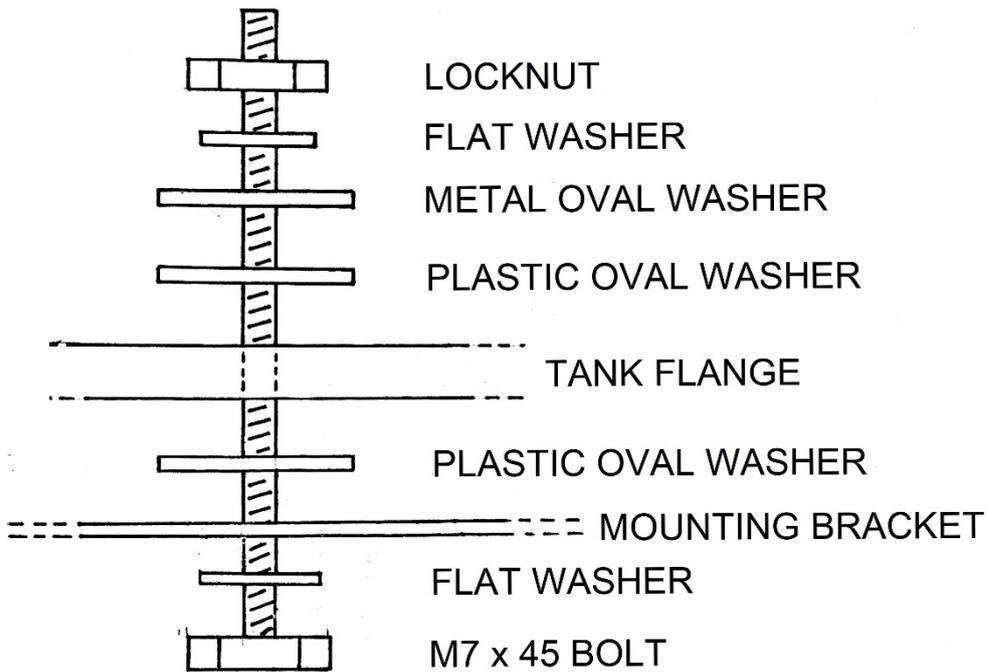
Additional Tasks

If you decide to order the 40-litre fuel tank kit, take the opportunity to replace the fuel sender and its rubber gasket. The screws and fibre washers which secure the fuel sender to the tank are supplied with the tank kit. It may also be an opportunity to replace the rubber sleeve which connects between the fuel filler pipe and the tank inlet.

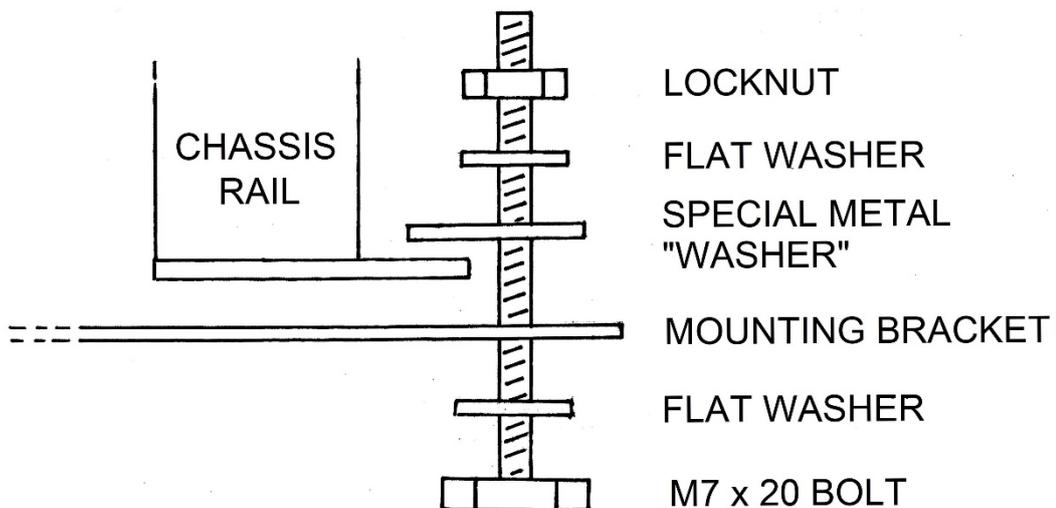
Ensure the rubber fuel hose which attaches to the tank outlet fitting is in excellent condition regarding its integrity, reliability and safety.



2 x REAR INNER BOLTS



2 x REAR OUTER BOLTS



This document may be updated in the future and assigned a revision number.

The writer would appreciate advice of errors or suggestions for improvements.

Please forward to: gdennes@gmail.com