

Abstract

The present invention is a Portable Car Washing Machine. It is carefully designed such that no specially molded parts are required thereby reducing cost. It's innovation lies in its highly simplified construction comprising 4 main components.

They are a 20-litre industrial pail to contain water, a 3-litre plastic container to contain diluted car soap water, two centrifugal pumps connected in series and a mechanical water valve system to select between water and diluted car soap water.

The machine is connected to a common multi-pattern water nozzle to produce different spray patterns to soap and rinse the car.

The machine can be powered by an external DC-12V power source from the car's cigar socket or a lightweight DC-12V battery station. It can be kept inside the car boot when not in used or easily transported by fitting it onto commonly available hand-trolleys.

The machine when filled with water and diluted car soap water to the full capacity is sufficient to wash one car.

This Sheet Has Been Replaced

