

# Bristol MW & SUL Buses

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## Introduction

This manual covers the Bristol MW and SUL Pack. You will find them under Vehicles and People type things as:

RMAX\_(vehicle type)\_(colour)

I don't know if you can use them as Moving Traffic on roads, but they work just fine as static objects. The cars have no glowing headlights - as static objects this would look odd.

To make your own liveries is dead easy. Every bus has only one texture. The texture is a simple alpha reflection one. If you do not include an alpha channel the bus will be very shiny but it will work.

The cars are then mainly simple Reskin Blueprints which replace a "master" texture with another. This makes adding new colours a quick and easy process and keeps the number of files used small. It makes for very efficient model use as well.

## Version Control

Release	Description	Date
v1	Various colour schemes of the MW 43 and 45 seaters and the SUL bus	September 2024

## Conditions & Licence – PLEASE READ THIS

For freeware that you develop for yourself or for release as freeware on any website or system, you have an absolute and total right of ownership. This package contains only assets made by me – it does not need any other downloads. It does use unmodified generic Railworks wagon sounds and a driver. You may use it, clone it, modify it, rebadge and rebrand it.

It may not be used where payment is sought or other commercial activities. I reserve absolutely the right to determine what is commercial. Charityware is commercial but is likely to be granted access.

If you release this stock modified then please do keep in mind that others will be using it in an original form. Please **DO NOT USE** the RMAX\_ prefix to the files you make but add your own. This is to ensure the originals stay the same and to allow me room to expand the collection.

## The Bristol MW and SUL Buses

This pack includes a number of liveries in green and red for the Bristol MW and SUL buses that formed one of the most common single decker's seen across the UK. The Bristol company have a long history of bus making but by 1956 they had moved over to using Eastern Coach Works (ECW) to build the bodies for their chassis and engine combinations.

The Bristol MW or medium weight was built between 1956 and 1966 in Bristol. It replaced the earlier LS light saloon version. Examples ran under numerous operators until well into the late 1970's. The bus was built to the maximum allowed size in the 1950's of 10 feet wide and 30 feet long. It was not fast (60mph at the very best) but was robust and economical.



There were numerous body types built by ECW. The picture above shows the 45 seater B45F body model I have built which has the raised roof at the front and rear to permit a stacked destination board. I have included both red and green variations with different waist line panel schemes. The colours are as close as I can get to those shown on websites. The red is particularly tricky as it faded so badly so this red is a sort of half way house.



The bus destinations are made up so as not to limit their placement in a route but I hope they sound like the sort of names of places served by the companies whose liveries I have modelled, which are real and based on web photos.



The MW B43F body was a 43 seater and is identifiable by the continuous roof profile at front and rear. This means the destination boards are smaller and set alongside each other. In every other external respect it is identical to the MW B45F model.



The Bristol SUL ( Small, Underfloor engine, Long ) shown above was built between 1960 and 1966. The bodies were again by ECW and this model is the B36F 36 seater. These buses were suited to rural areas being narrower and shorter than the MW models.

The versions I have made are liveried to try to give wide England and Wales possibilities.

<b>Crosville</b>	North and mid Wales, Shropshire and the Welsh borders, Wirral.
<b>United</b>	Northern England, Cumbria, Northumberland, Yorkshire, Teesside
<b>United Counties</b>	Bedfordshire, Northamptonshire and central southern England.
<b>Red &amp; White</b>	South Wales, Gloucestershire, Monmouthshire, Herefordshire
<b>Wilts &amp; Dorset</b>	Wiltshire and Dorset, some other western locations
<b>Western National</b>	Devon, Cornwall, Somerset, Wilshire and the south west
<b>Eastern National</b>	Kent, Essex, Hampshire, Suffolk and Norfolk.
<b>Southern National</b>	Devon, Cornwall. Taken over by Western National.
<b>West Yorkshire</b>	North and West Yorkshire, Yorkshire Dales