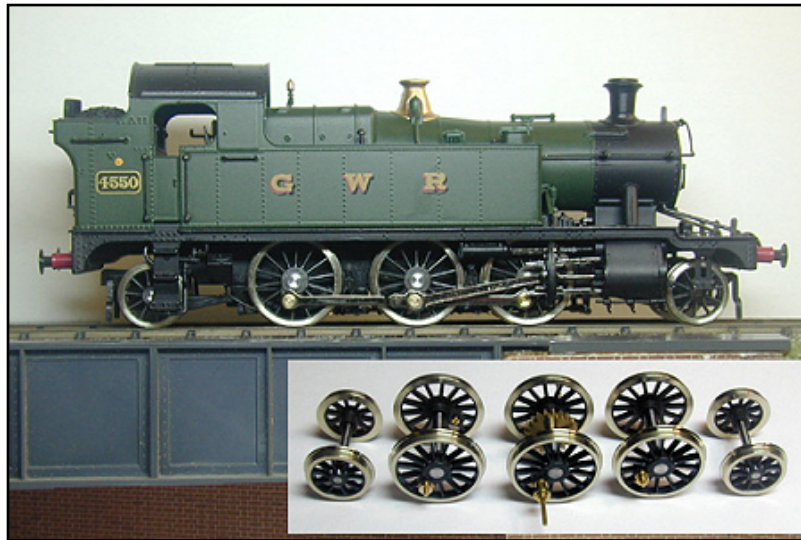


Ultrascale Data Sheet

Issue: 002-100117

Bachmann class 45xx/55xx



Fitting Instructions:

The Bachmann class 45xx conversion pack comes as a fully assembled set of wheels, axles, gear and crank pins. (*as shown above*)

When disassembling and assembling the engine, please refer to the manufacturers web site for the correct service sheets for that model.

All that needs to be done is for the original wheel sets to be removed and to fit the new Ultrascale conversion pack wheels. However, you may find, depending on the gauge you are converting the model to, that you will need to make some cosmetic changes/modification to the engine to make sure the new wheels clear and do not foul on the model. The wiper pick-ups will need to be adjusted to suit the wider E.M. and 18.83 gauges, but when this is complete and the chassis base replaced the model is ready for use.

Caution:

It is very important that when you disassemble the crank pins from the Ultrascale wheels, that you keep the crank pin parts with the wheels they were removed from, the reason for this is that the leading crank pin nuts look the same as the other round nuts but are specially made for the leading wheels. If for any reason the other crank pin nuts are used on the leading set of wheels, then you may find that the leading set of wheels may well lock up when the model is run. Also the crank pins are designed to be used with the original Bachmann coupling rods only.

It is also a good idea to put a very small amount of Loctite on the ends of the crank pins on final assembly, once the screws have been cut to length, to make sure that the crank pin nuts do not un-screw when in use.

Availability:

This conversion is only available in 'OO' , EM and 18.83 gauges.