

# Ultrascale Data Sheet

Issue: 001-081214

## Heljan Class 53 'Falcon'



### Fitting Instructions:

The Heljan Class 53 'Falcon' conversion pack comes as a fully assembled set of wheels, axles and gears. (*as shown above*)

All that needs to be done is for the original Heljan wheel sets to be removed and to fit the new Ultrascale conversion pack wheels. This is done by removing the bogie base and side frames from the bogie mechanism, if you are not sure how to do this then refer to the diagram/instructions sheet which comes with the model or services sheets from the manufacturers web site. The wiper pick-ups will need to be adjusted to suit the wider E.M. and 18.83 gauges, but this is made easier than previous conversions as we have introduced a new design of wheel for this conversion which has a completely enclosed metal back. (*see inset image above*) This means that the pick-ups can touch anywhere on the back of the wheel and still make electrical contact. Once the wheels have been fitted and the bogie bases replaced the model is ready for use.

### Please Note

When fitting either the E.M. or 18.83 conversion pack wheels, supplied with the conversion are 8 brass spacers. These spacers are fitted over the pegs on the sides of the bogie (*two each side*) where the pick-up wipers and the bogie side frames fit. The spacer goes between the wiper pick-up and the side frame when fitted. These are supplied to space out the side frames when using the wider E.M. and 18.83 gauge conversions so the front face of the wheels do not foul the inside face of the bogie.

### Availability:

This conversion is available in 'OO', E.M. and 18.83 gauges.