

# Ultrascale Data Sheet

Issue: 001-100605

## ViTrains Class 47



### Fitting Instructions:

The ViTrains Class 47 conversion pack comes as a fully assembled set of wheels, axles and gears. *(as shown above)*

Installing the conversion pack in this model is as simple as removing the bogie side frames/base, removing the original wheels and replacing them with the new conversion pack wheels and then replacing the bogie side frames/base.

However, there are some points that the modeller may like to take into account while doing this and these are covered below.

The bogie side frames/base can be removed using a thin bladed screw driver and gently prying the retaining clips apart to release them. These clips are located, two on each side of the main bogie mechanism and one on each end of the main bogie mechanism. These can be released with out removing the body of the locomotive, but you may wish to do so to avoid any possible damage to it, while trying to remove the bogie side frames/base. The body is removed by gently pulling the body sides away from the clips on the main chassis and then lifting the body off.

Once you have removed the bogie side frames/base lift out the original wheels and replace with the new conversion pack wheels, making sure that the spring pick up wire locates back in the annular groove on the back of the new geared wheels. Then simply replace and push down gently until the bogie side frames/base clips back in place. It should be noted that if you are converting the model to either EM or 18.83 gauges you will need to do one of the following, before replacing the bogie side frames/base. That is to either remove completely the brake and actuating rod assemblies from both sides of the bogie, these just unclip from the bogie side frames/base or modify them as required to stop the new conversion wheels from fouling on them at the wider EM and 18.83 gauges. If you are using the 'OO' conversion then these parts can be left in place as they are, as the 'OO' conversion does not foul the brake and actuating rods. Once the bogie side frames/base are back on the model is ready for use.