

# Ultrascale Data Sheet

Issue: 002-081218

## Fia Trains 10000-10001



### Fitting Instructions:

The Fia Trains 10000-10001 conversion pack comes as a fully assembled set of wheels, axles, bushes and gears. *(as shown above)*

All that needs to be done is for the original Fia Trains wheel sets to be removed and to fit the new Ultrascale conversion pack wheels. However, unlike previous conversions this will require the body of the diesel to be removed and the bogies to be completely disassembled. As this model is fixed together with screws it is not hard to do and there are some basic instructions included with the model. As with previous conversions the wheels have a completely enclosed metal back so pick-up alignment is not a problem.

Once you have the gear boxes free of the bogies you will need to remove the two screws that hold each gear box together. Remove the original wheels and replace with the new Ultrascale conversion wheels. Re-assemble the gear boxes and then re-assemble the rest of the diesel. Once this has been done the model is ready for use.

The new wheels sets have more end float between the track and the wheel flange, which should allow for slightly better running on curves. Following tests with the converted model with 'OO' gauge wheel sets, it was found that it had no problems running through 17 1/4" (438mm) radius curves.

### Availability:

This conversion is only available in 'OO' at this time due to the bogie side frames being too narrow for EM and 18.83 gauge wheels.

However, it may be possible to do a conversion to E.M. using our EMF wheel profile, but the development work has yet to be done for this option.