

Ultrascale Review

Review: 001-081221

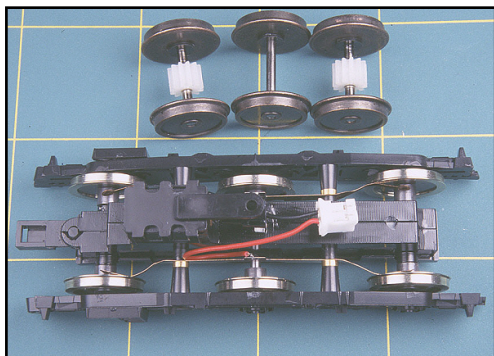
Installing Ultrascale Wheels.

by Nigel Burkin

Photo sequence:

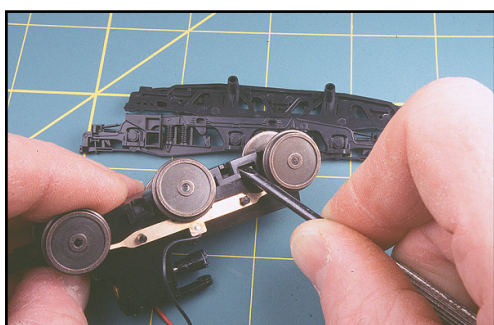
Installing Ultrascale wheels:

1.



The classic comparison between OO gauge and P4 wheels, the finer appearance of the Ultrascale wheels is apparent. Each Ultrascale wheel set axle is supplied with a metal drive gear compatible with those in each bogie.

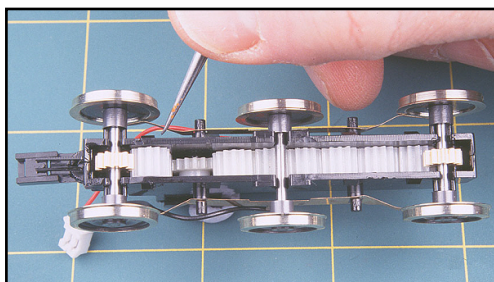
2.



Each bogie is relatively easy to remove from the model without de-soldering leads - the drive shaft just drops out and the lead plug is released carefully from its socket. However it is hard to locate the end of the drive shaft back into the universal joint at the same time as refitting the bogie. A wheel change can be undertaken with the bogies and body left in place. Simply turn the model upside down in a cushioned cradle of some description and pull the bogie sideframes off their spigots.

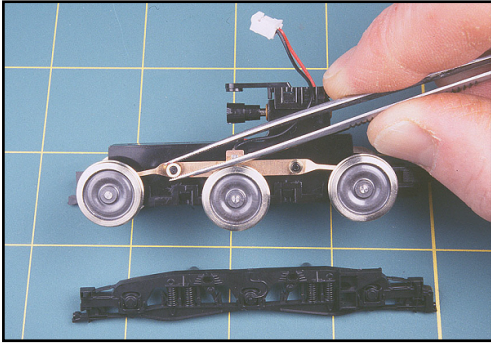
Release the bogie frame keeper plate by releasing the clips on the underside as shown. There is no springing of components like that in Lima locomotive training bogies - the wheels just drop out.

3.



The new wheels simply drop into place. Each is insulated from the axle so it matters not which way they are fitted. Ensure that the phosphor bronze current pick-ups are correctly positioned against the rear rim of the new wheels by teasing the pick up wipers out with a pair of tweezers.

4.



A consequence of the too narrow fitting of the cosmetic bogie sideframes is the lack of room for EM and P4 wheels. Ultrascale supply simple bushes with their wheels to overcome this problem. Slip them over the spiggots before refitting the sideframes.

Full price details for the conversion packs can be found in the 'Conversion packs' section of the Ultrascale products web site.