

Ultrascale Data Sheet

Issue: 002-091124

Hornby 4 axle pack 'D'

Fitting Instructions:

ULTRASCALE

B. R. Twin rail bus class 142
Conversion pack instructions

Remove top of body:

Take out screw at bottom of the corridor connection. Left top carefully and remove from chassis.

Change non-powered axle:

Carefully ease apart the bottoms of the outer plastic bearing plates. Take out existing axle and wheel assembly, replace with conversion assembly, making sure to get it in the correct way round to ensure current pick up. Wheel with the **RED** ring around the boss corresponds to solid metal wheel on Hornby axle.

NOTE: On 18.83 conversions ONLY, some plastic must be removed from the inside faces of the outer bearing plates, to allow the replacement axle and wheel assembly to fit in.

Change powered bogie:

Disassemble electrical pick-ups from chassis. Take out screw from underside of chassis and lift out motor, gear box plate and pick-up wires. Undo screw at back of motor and separate motor from gear box plate. Remove wheels and gear from axle, taking care not to damage gear. Reassemble gear with conversion axle, fit conversion wheels to axle, making sure axle ends are flush with boss faces. Reassemble gear box plate and motor, making sure worm and gear are meshed correctly. Now reassemble chassis in reverse order, before refitting top half of body try chassis for free running and electrical pick up.

Note for Economy conversion pack only:

The non-powered wheels and axle will need to be assembled before they can be fitted. Also the **RED** ring around the wheel boss does not apply to the economy conversion pack.