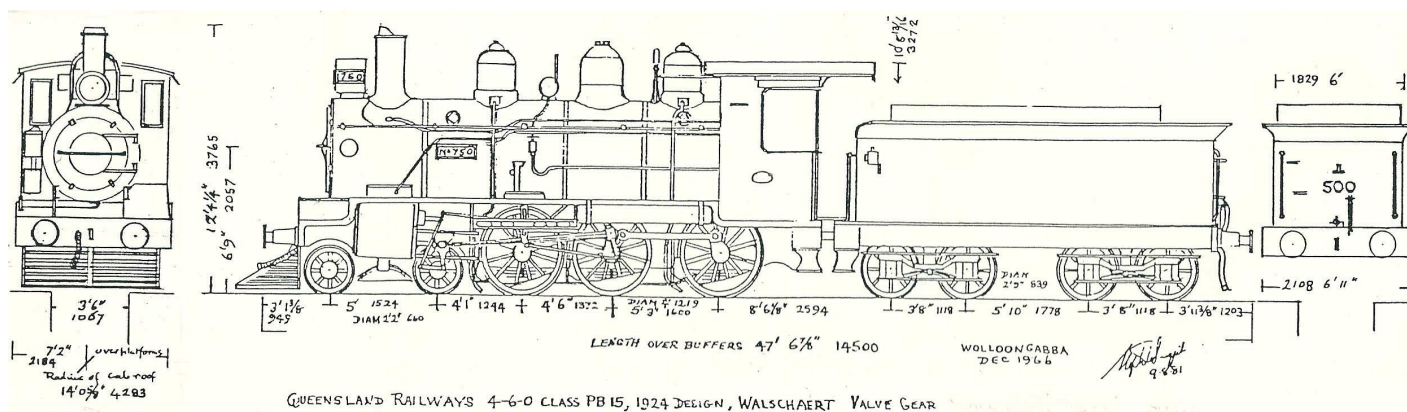


How I Kit bashed a Bachmann 4-6-0 to resemble a Qld Rwy's PB15 1924 Version¹



I credit the sketch above obtained from AMRA Qld Branch (Dr S. Suggit) as being indicative of this version of the PB15 Loco that had Walschaert Valve gear. Note that, Loco No. 750 was the only one with an EXTRA Sand Dome close to the CAB as in the drawing above. My intension was to model the Loco following the photos below, where there is no second Sand dome at the Cab.



Photos of the PB15, 745 at South Brisbane. 732 at Ipswich Railway Workshops Museum.



The BTR model of a PB15 loco was modified by undertaking a major kit bashing of a Bachmann Big Hauler.

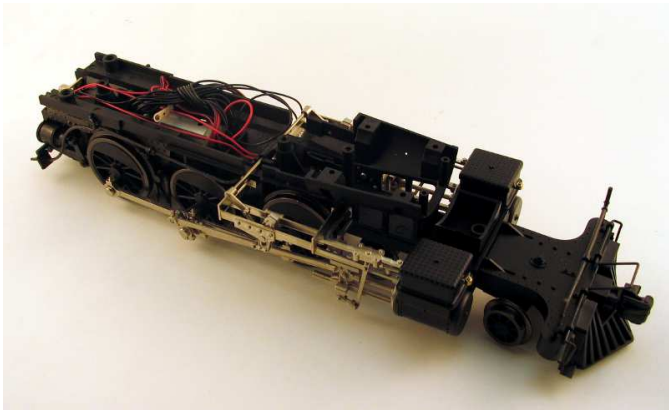
The cab, firebox, boiler and smoke box have all been cut away to reveal a flat level face, flush with the top of the steam chests and valve gear.

This is a time consuming, tedious, messy task and yet we press on knowing the finished model will be worth the effort.

The discarded elements were set aside in the spare parts box for potential use one day on other projects.

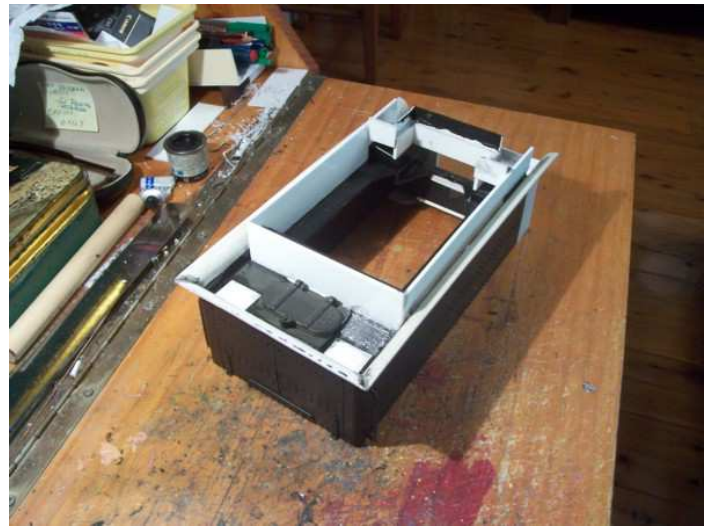
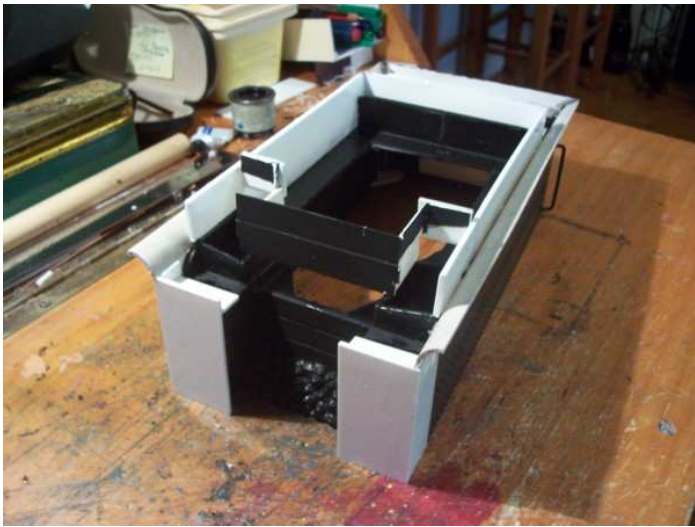
How I Kit bashed a Bachmann 4-6-0 to resemble a Qld Rwy PB15 1924 Version²

The building up of boiler and tender begins.



Bachmann offer these base units without boilers & cabs, so we can fabricate from footplate level and above.

I chose to tackle the tender first



The Tender was shortened, narrowed, coal bunker side boards and curled top edges were added.



The Tender is a standard Bachmann unit, with the 'shortened', 'narrowed' and a 'curled top edge' added.

How I Kit bashed a Bachmann 4-6-0 to resemble a Qld Rwy PB15 1924 Version³



Fellow modeler, Mark Hobbs, had built (some years ago) an earlier version (pre 1924) and yet had chosen to de-commission it for any further use on his Garden Railway.

Knowing of Geof's interest in building a PB15, he donated to me his de-commissioned Boiler & Cab.



Using my Bachmann Big Hauler under-frame, Mark's Boiler & Cab were fitted in lieu of the Big Hauler boiler.

Because I chose to model the 1924 version, it meant that the footplate, valance and Cab had to be modified to 1924 shapes and some detail components needed to be changed.

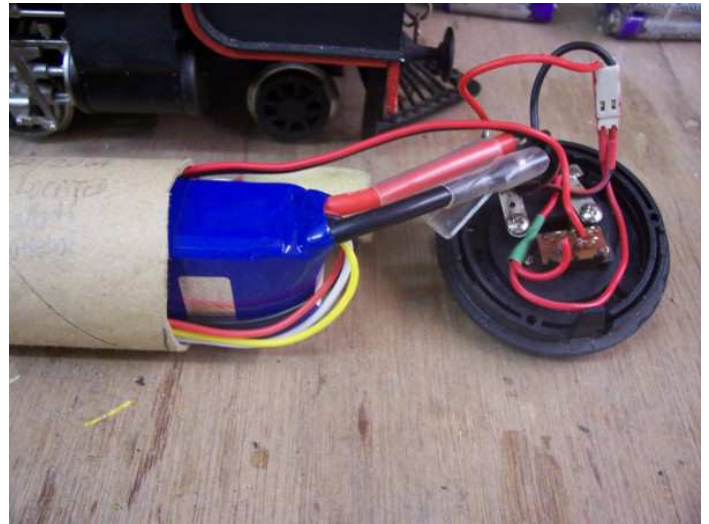


In these photos, the new Headlight & Chimney have been fitted to resemble the 1924 version.

How I Kit bashed a Bachmann 4-6-0 to resemble a Qld Rwy PB15 1924 Version⁴

In part to compensate for the removal of the Bachmann cast iron weight over the drivers, the battery self weight was used to advantage.

A 3S 2200 mAh LiPo battery was fitted into one half of the boiler, the R/C Rx, ESC and direction Servo were fitted in the other half of the boiler. It has 2.4GHz R/C in the boiler, steam chuff sound and whistle sound are mounted in the Tender.



All electronic parts were slid up into a clear plastic tube which could then slide up into the boiler as a unit.



Here are the Servo (direction switch), ESC and Rx. Inside the cardboard tube is the 3S 2200mAh LiPo.



The On/Off switch and recharge points are inside the smoke box door, wiring joiners for Tender at Firebox.

How I Kit bashed a Bachmann 4-6-0 to resemble a Qld Rwy PB15 1924 Version⁵



Just a few more details to be done, then - - - - we're ready to go !



The PB15 (1924) had a unique Chimney so Geof added a deflector to the top of the Chimney.



Deflector fitted to top of Chimney.

How I Kit bashed a Bachmann 4-6-0 to resemble a Qld Rwy PB15 1924 Version⁶

The completed model does have a resemblance to the prototype, sufficient to my eye at least.



Air Tanks added to footplate in front of Cab.



Loco Jack on running board. Cab extended.



Qld Rwy style cow catcher is yet to replace this one.



<https://youtu.be/fNdSm8nlbpw>