

The 1620 Class – Diesel Electric, Co-Co, 60 tonnes.



The model of this Queensland Railways Loco uses a USA Trains SD-40 motor block.



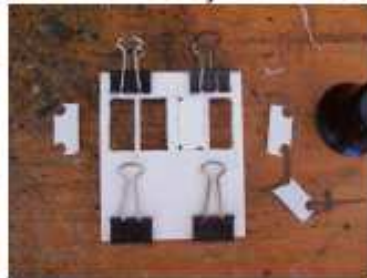
Removed the standard wheels, replaced them with bigger wheels.

Used PA-1 Loco side frames seen here before being cut down.



Motor block with Bigger wheels fitted, PA-1 side frames, cut and reworked.

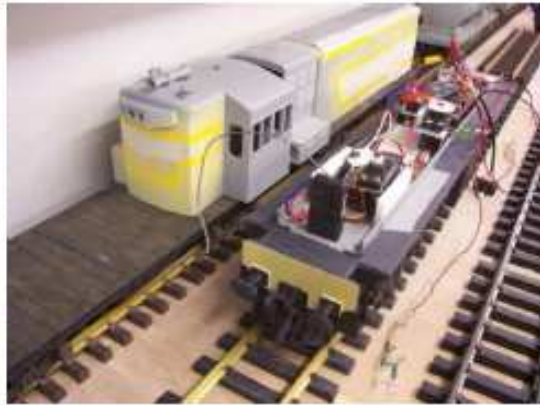
Front Bogie is an 'idler' with loose joints for compensation.



250mm diam Plastic pipe "slit" to width to be glued between "Hood" sides
A mitre box was used to cut 45 degree angles for glueing ends to tops for "Hoods"

Cab sides clamped together so that windows can be fretted out.

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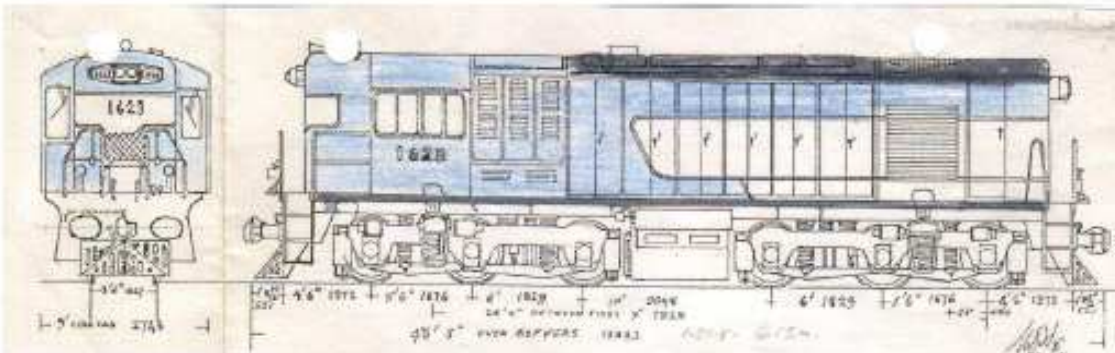
Sub-assemblies trial fitted, test run of R/C gear. Masking, primer and Yellow lines, ready for Blue paint. All wiring is done; R/C, Sound and lights, side frames need sand boxes and more springs.



Indoor shot, Blue colour is done, Outdoor shot, decals yet to be done.



1620 Class, Loco No. 1650 freshly painted



Drawing of 1620 Class loco used to make model.

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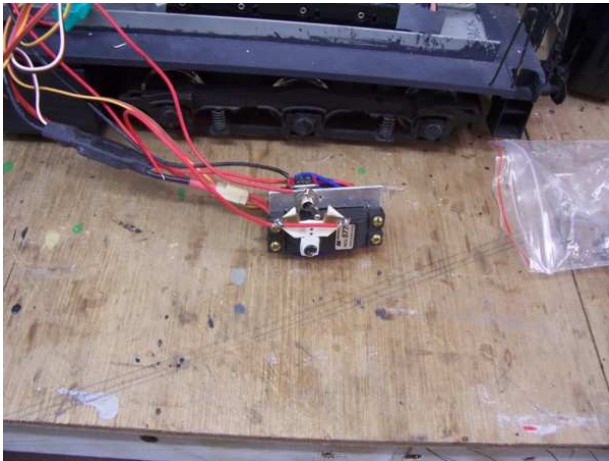
The sounds comprise a MyLoco card for engine revs, plus five (5) 20 second cards with other sounds. Horn "Short", Horn "Long", "Air release" of Brakes, Rev and Fade engine under load, Brakes "Squeal".



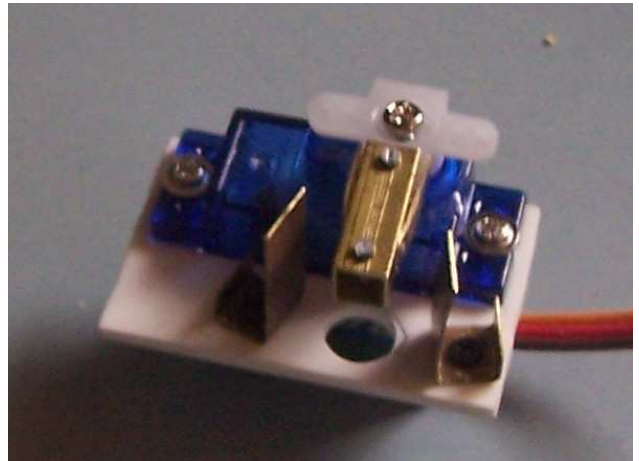
The 5 sound cards each 20 seconds duration.



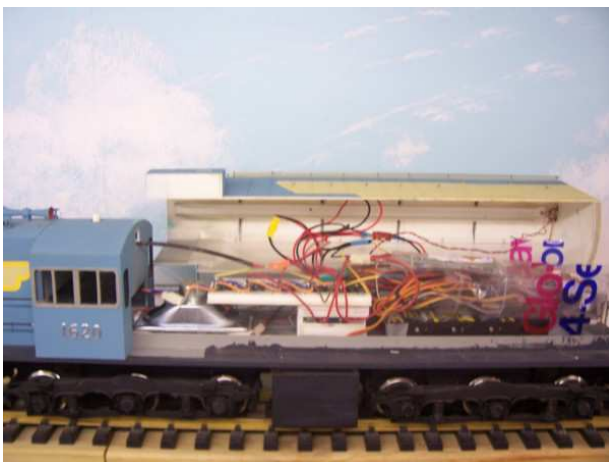
Switching mechanism driven by 2 mini servos.



A 5th Switch is a combo "Direction" servo, It turns ON the Air Release at limit of servo travel.



One of the sub-assembly mini servo and 2 contacts, They are selected for the other 4 sounds.



The 20 second duration Sound Cards are recordable and are available from Electronics 123 in USA.
<http://www.electronics123.com>



See now the Youtube VIDEO at; http://youtu.be/ULMzB86_aM0