



Australian Railway Kits

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Incorporating Main West Models
Manufacturers, Wholesalers and Retailers of Quality Australian Model Railways
PO Box 252 Warwick, Queensland, 4370 Australia
Phone/Fax: 617 4667 1351 Website: www.arkits.com Email: info@arkits.com

RV01 – NSWGR HLX (NLHX) Louvre Van

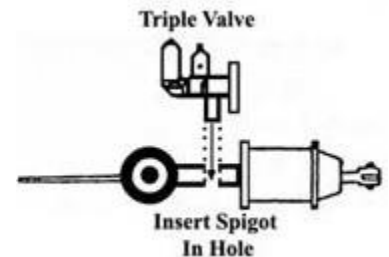
Prototype Notes

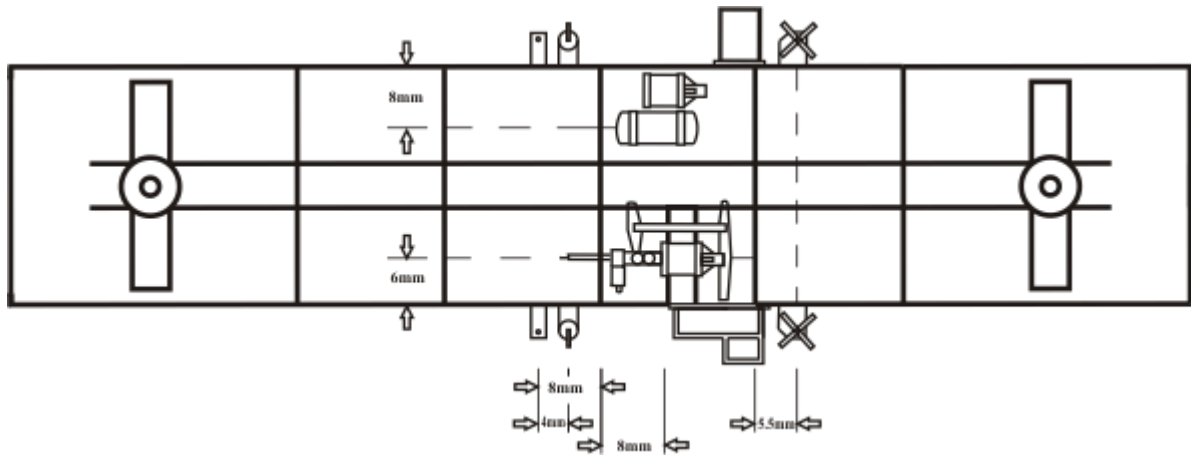
In 1957 the then NSWGR placed an order with Tulloch Ltd of Rhodes NSW for 150 bogie louvered vans. The order consisted of 75 variants of the LLV with the remaining 75 vans having offset sliding doors. These vans were originally coded HLV and given a block of numbers 29550 - 29624. All vans were later recoded when modified for bogies exchange, to, HLX, and carried the small "X" bogie exchange plate on the upper right hand; corner of each side and the upper left hand corner of each end. An excellent article on the HLX/NLHV vans appears in the February 2001 issue of the AMRM. Vans were painted Gun Metal Grey initially by some were later repainted NSW Wagon Red or Teal Blue. Code boards varies in colour with some being painted White Lettering on a Black Code Board, others were painted Black Lettering on a White Code Board while other simply had the White Lettering Painted straight onto the side of the painted van. The design of these van created a problem in that they would flex and over time and distance the two sliding doors would open not matter how securely they were locked. To fix this problem most doors were secured to-gether with a rope tied between the door handles. Even then they had a tendency to slide open.

Contents and Assembly

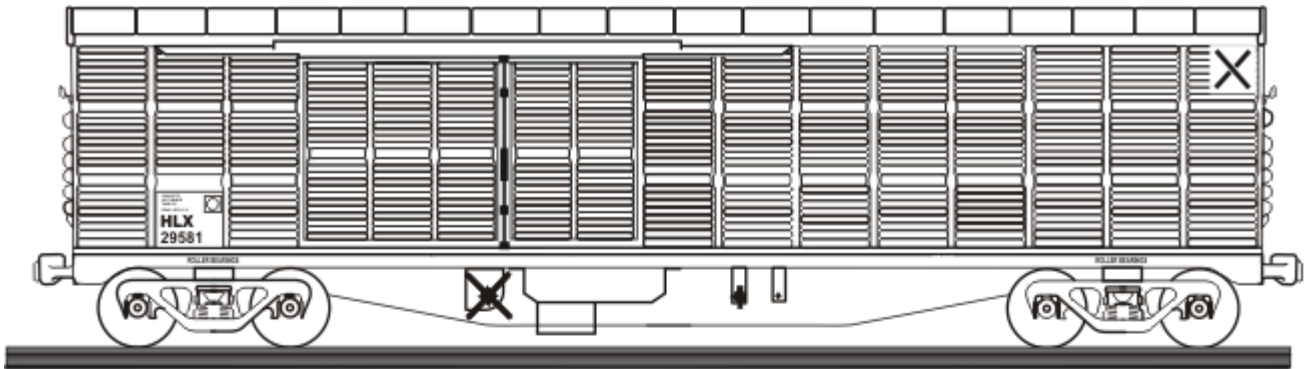
2 sides, 2 ends, 1 roof, 1 floor, 1 brake detailing set, 2 bogies with axles and decals. Decals can be purchased separately in 10 number sets to match the enclosed diagrams.

1. Liquid cement and super glue of your choice.
2. Clean all the flash and sprue remnants from the moulding and casting and test fit all components.
3. Glue the sides to the ends using superglue ensuring that the sides overlap the ends. It is suggested that the sides are tacked to the ends with superglue and set with an accelerator.
4. Place the body onto the roof seating it properly and holding into position with rubber bands. Glue roof to ends with liquid cement and spot glue the roof to the sides with superglue and set with an accelerator. When you have the body assembled this far remove the rubber bands and run a small bead of superglue along all Internal joints and set with an accelerator.
5. Test fit the floor to the body, if the floor needs to be shortened remove equal amounts from each end until a neat fit is established. The floor can be made removable by the addition of 30 thou plastic stock (not provided) across the inside at the ends and in the centre. Drill and tap the floor and the 30 thou stock and secure with counter sunk screws. If you wish to add handrails it is best to do this now so they can be glued from the inside. If you do not want the floor removable glue into position now with superglue.
6. Looking at the enclosed diagrams and using them as a guide attach the under body detail. From the underbody detail parts sprue you will need to assemble the brake cylinder and triple valve as shown in the diagram. The best idea is to remove a little plastic from the triple valve attachment spigot so that it easily fits the hole in the tail of the brake cylinder and cement in place with liquid cement.
7. Fit couplers of your choice, Kadee #5 recommended (supplied) and pack between the bogies and floor to correct coupler height.
8. Before painting wash the model in warm soapy water, rinse and dry. It is recommended the model be primed with a grey primer before the final colour coat is applied. Ensure that the surface where the decal are to be applied has a gloss finish, apply the decals using the kit header as a guide, seal with a final coat of matt clear and weather to your requirements.

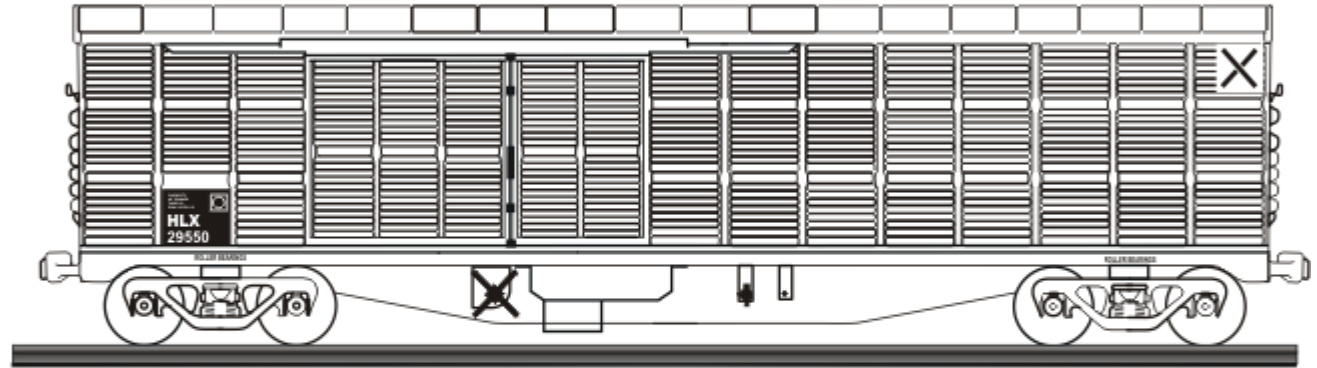




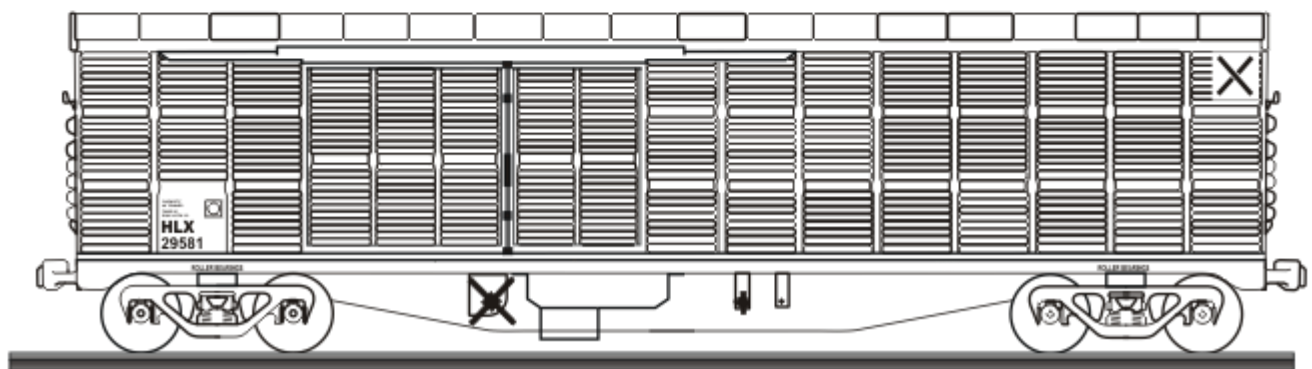
Underbody Detail Part Placement



Lettering Black on White Codeboard



Lettering White on Black Codeboard



Lettering White on Wagon Colour Side Panel