

## VICTORIAN RAILWAYS "GY" WAGON



*Prototype Photograph.  
Kit does not include brake gear or shunters steps.*

The "GY" wagon fleet is the largest single class of goods vehicle in VicRail service and is primarily a bulk commodities wagon, though general goods can be carried.

They were constructed by Government workshops and contractors between 1939-1953, with conversions from "GZ", "HY", "HZ" and "IZ" wagons swelling the total number of wagons to nearly 6,200 by 1970.

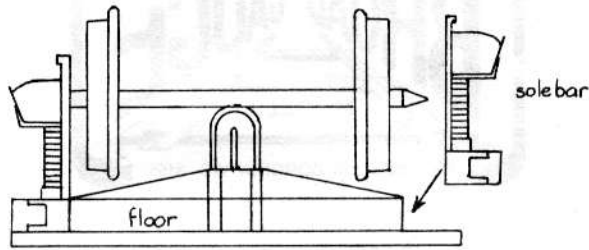
THE "GH" wheat hopper and "G" general purpose wagon are direct conversions from "GY" wagons.

The wagons represented by this kit are numbered 1-910, 1080, 2001-3129, 3380-6149 and 15870-17030.

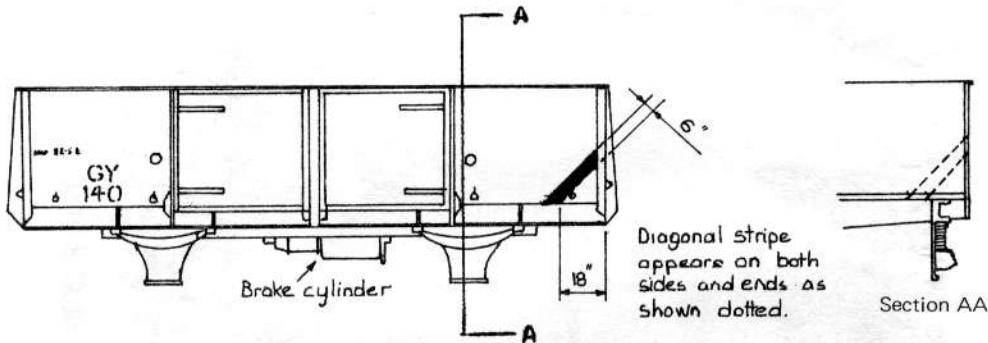
### ASSEMBLY

It is recommended that this kit be assembled with a liquid solvent (MEK or Testor's, etc.), or Britfix or similar tube cement.

1. Carefully remove all parts from sprues. Use a knife or razor saw, do not snap parts off, and remove pips using a file. Ensure that back of solebar is flat by filing or cutting off any flash and molding pips, etc.



2. Glue solebars to floor/underframe, sandwiching the wheel-sets between, as above. Make sure ends of floor and solebar are flush. Make sure that axles have a small amount of end play and run freely. File solebar brackets flush with floor edge so that side will sit flat.
3. Glue, as per the diagram below, one side to the floor and solebar assembly. Ensure that the wagon side does not project lower than the floor undersides, that the solebar brackets match the door staunchions, and that the assembly is square.



4. Glue the remaining side in place, matching underframe as above.
5. Attach both ends, making sure that they are square and that their tops are level with the side. Trim ends of sole bars, sides and floor if necessary to ensure that end sits flat.
6. Glue brake cylinder/reservoir to centre sills as per diagram.  
This kit has been designed to use Kadee type couplers, Mk5's recommended. The coupler mounting pad may need filing so that Kadee coupler height is correct.

7.



Bend, to template, the wire provided to produce two ridge gear staunchions. Drill No. 69 above the bracket on the wagon end and glue staunchions in place, either raised or lowered as desired.

Details may be added as desired; shunter steps can be obtained from B.G.M. direct (Mail Order). Brake gear may be fabricated from brass strip and rod, or plastic. Tarpaulins can be fabricated according to the article in the Australian Model Railway Magazine, Issue 100, page 39. Axle bearings can be lubricated with powdered graphite, DO NOT use oil as it may attack the bearings and wheel centres.

### Colour Schemes

Wash model in soapy water before painting. Prime coat if desired.

Pre 1948 V.R. Wagon red overall. Suggested paints — Floquil D&H Caboose Red and Boxcar Red 1+1, or Humbrol BR Bauxite Red and Signal Red 2+1.

White Lettering

1948-1972 V.R. Wagon red with yellow 6" diagonal stripe in opposite corners.

White Lettering

1972-1981 Yellow overall with red axle box/W-guard assemblies. Suggested paints — Floquil Reefer Yellow or Humbrol Matt Yellow.

Black Lettering

**Note:** "G" Wagons, converted from "GY" wagons for all general, non-grain use from 1980 are yellow with a red 6" diagonal strip, as above, or an overall red colour scheme, with white lettering.