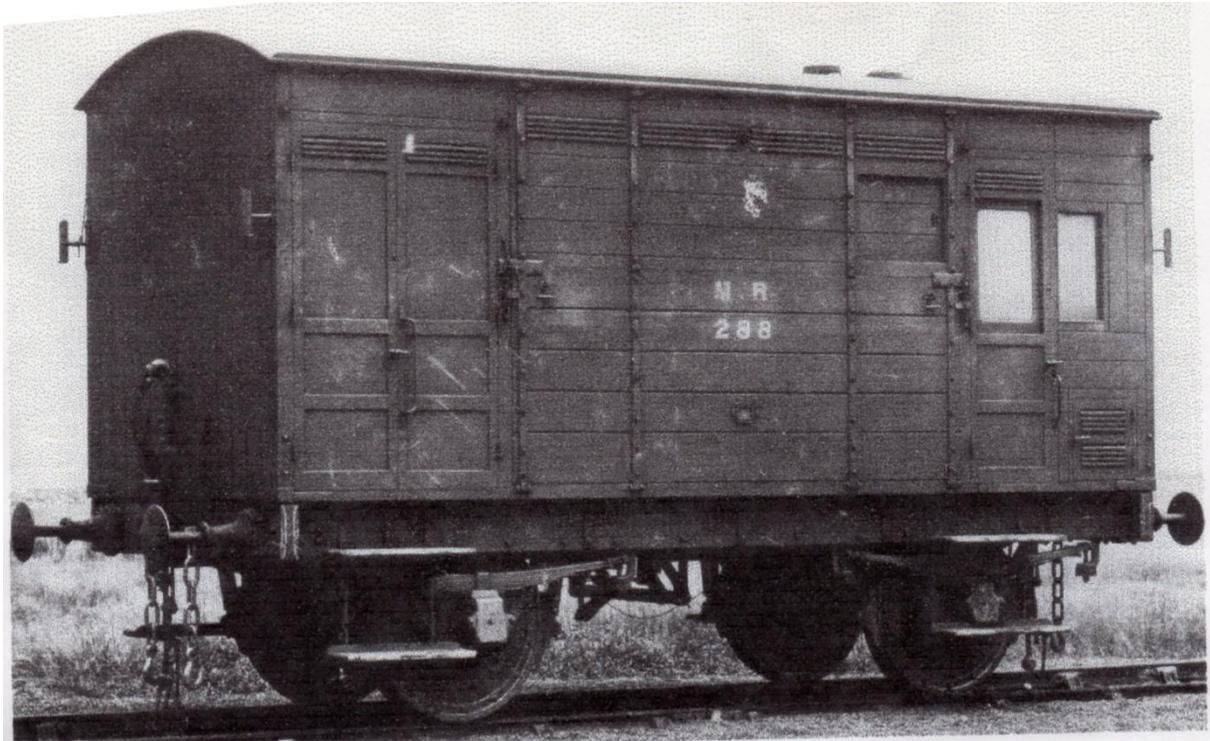




MIDLAND CARRIAGE WORKS

MIDLAND RAILWAY D399 CLAYTON HORSEBOX



HISTORY

These vehicles were built by the Midland Railway in two lots; lot 161 comprised of only one vehicle, presumably the prototype. The following year (1877), 100 vehicles were built to lot 176.

Midland running numbers were; 288 plus 363 to 412. LMS running numbers were various between 1042 and 1422.

After 1923, some vehicles were re-classed by the LMS as prize cattle vans – re-numbered LMS 43974 to 84 in 1933.

Most horseboxes to D399 were withdrawn about 1940.

Originally these vehicles were built without a handbrake, by about 1904 the Midland began fitting handbrakes to all non-passenger coaching stock, but this probably took several years to complete.

The parts included in this kit are to build this interesting vehicle as running after 1905 with handbrakes.

LIVERY

One would assume that, particularly in Midland days that these vehicles would have been painted in the simplified lining style for this class of vehicle, but photographs known to Ian London, show plain crimson lake bodies with no visible lining.

Reference to photographs of the type to be modelled is recommended. Further information about these vehicles and liveries can be obtained from Essery & Jenkinson's book 'Midland Carriages an Illustrated Review' and 'Midland Railway Carriages, Vol 2 by Lacey & Dow.

GENERAL

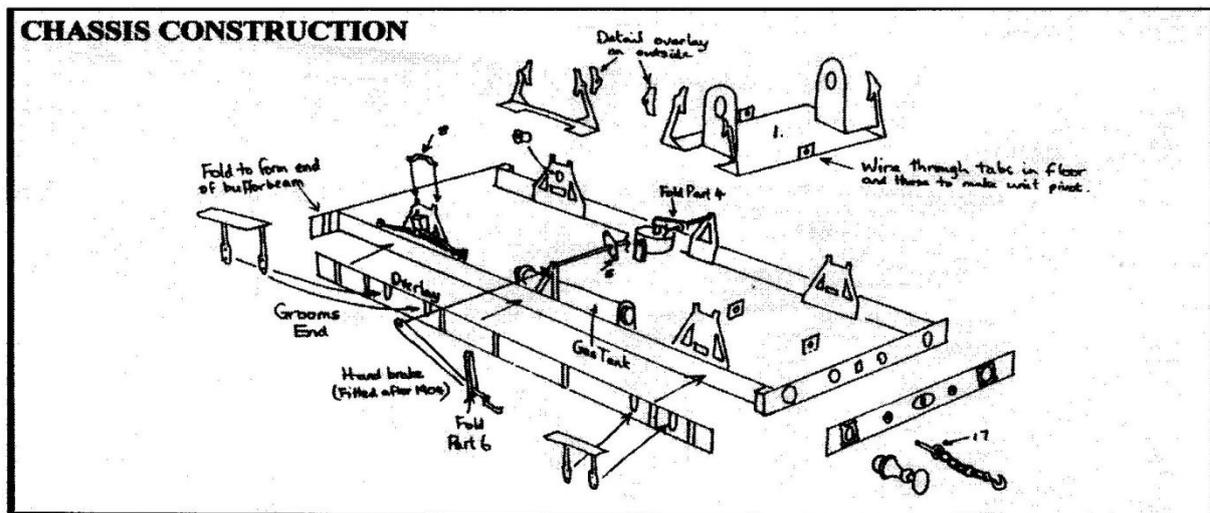
This kit is originally from the stable of Janick Models. It has been modified and upgraded and is continually being improved.

Please read the instructions all the way through before commencing assembly and familiarise yourself with the accompanying diagrams.

Whilst every effort is made to ensure this kit leaves our premises in good condition and complete, occasionally errors do occur, in the event of complaint, please contact us at the address at the end of these instructions.

CONSTRUCTION

Chassis

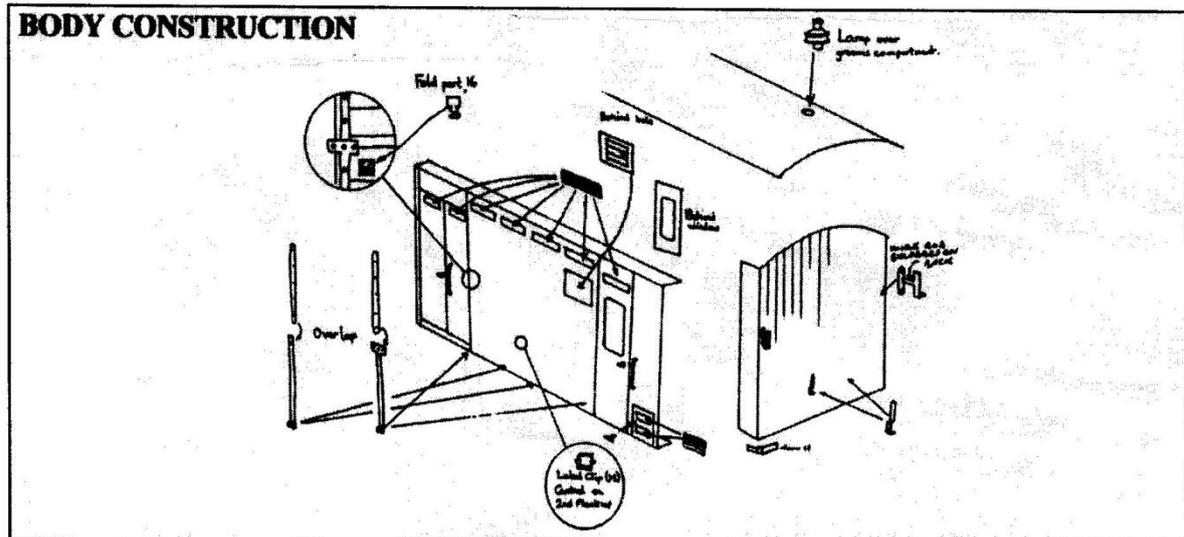


Fold up the floor unit, raise the rivet detail and then fit the solebars and buffer beam overlays. Fit brake shoe overlays to parts 1, 2 & 3. Fold up suspension unit 1. Fit wheel set, with inside bearings, fit cast brake cross beams between brake shoes. Attach unit to floor with brass wire, allowing the unit to pivot.

Fit retaining straps (8) to bottom of W irons. Fit wheel set with outside bearings to the rigid end of chassis.

Fit cast brake shaft between V hangers and fit vacuum cylinder (position marked on floor). Fit buffers, couplings, vacuum pipes and safety chain eyes to the buffer beams. Fit cast springs and axle boxes to W irons. Fold and fit steps to solebars and handbrake lever, if required.

Body

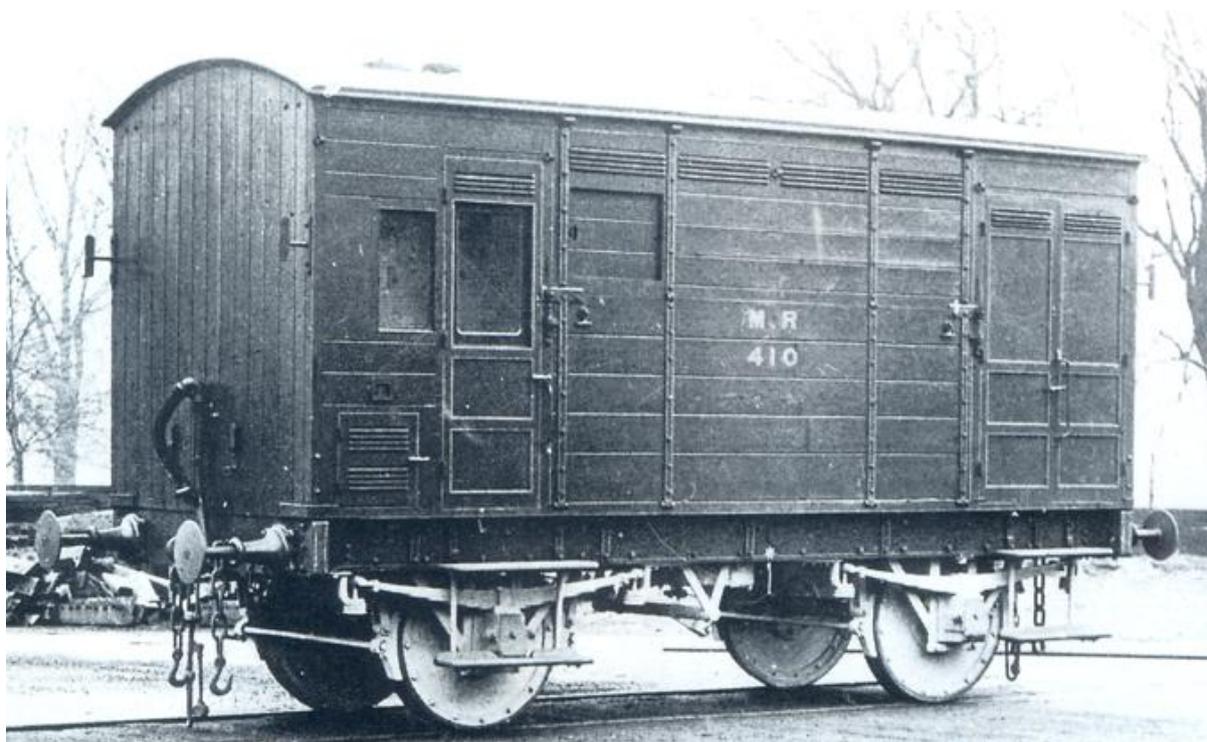


Fold up the sides and ends and solder at the corners. Refer to drawing and fit etched overlay details. Drill body for door and grab handles (make grab handles from brass wire) and fit after painting.

Roof

Form the roofs using the ends as a pattern for the shape. Mark out and drill the roof above the groom's compartment door and fit the gas lamp top centrally. Fit rainstrips from brass wire provided.

The model can now be cleaned up and painted. The chassis, body and roof can be painted as separate items and then glued together, after painting, don't forget to glaze the groom's compartment. Before painting, it is recommended that all metal parts are given a coat of etch primer. Fit the grab and door handles.



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