



Ferrocarriles Argentinos - Ferrocarril Nacional General Roca 2nd Class Coach - Gauge 75 cms - "La Trochita" - On30 Scale - 1/48

These coaches were built in 1922. These were the product of the Belgian company, Societe Anonyme des Ateliers de Construction de et a Familleureux. A total of 25 first class and 25 second class coaches were built for the narrow gauge. In addition the company built a further 50 furgones (brake vans or cabooses) and more than 650 freight wagons.

The 2nd class coaches were numbered from 1201 to 1225, and when built had wooden seats, a standing toilet (Turkish style), and can be distinguished by their windows that run in a row, unlike the paired windows of the 1st class cars.



Builders Plate



Ferrocarriles del Estado's number plate

Kit construction

Before starting the kit, we recommend that you familiarize yourself with all the parts. A reference page is attached showing which parts are found on each wood sheet using a numbered legend. Use this page to identify each part as you build the kit. The 3-dimensional drawings clearly lay out how parts fit together.

Before detaching the parts from the sheets, use fine sandpaper wrapped in a small scrap of wood to gently remove any roughness from the wood. With a brush remove the resulting fine dust and separate the pieces from the sheets (only separate the pieces as you need them to protect them from damage). To glue the pieces together, use **wood glue**.

First assemble each side and end separately, that is to say, the exterior sides (2,4) to the matching interior sides (1,3) and then the window framing (6). Now you can paint these and later place the acrylic window panes (after pulling off their protective film) which are a tight fit, but if you desire, can also be glued in with wood glue. Once the side and end walls are built up and painted, build up the chassis (13 - 20) and floor (25), following the 3D drawings. Paint the chassis and underside of the floor black, including the battery box (28). The floor's top side should be painted light gray, except for the end platforms which should be painted a light brown. It is necessary to add weight (not included) glued between the two large center sills.

Assemble the body using the previously built up and painted sides and ends (remember to assemble the baggage racks (26,27) and to paint them before attaching to the walls) and then add the interior partition walls. The exterior sides must be sanded with fine sandpaper and then painted brown (study pictures to see the colors used for the coaches).

Make up five paired sets of curved transverse rafters (10) and insert them alternately with the remaining single rafters into the corresponding grooves in the sides, followed by the longitudinal beams (12), as shown in the 3D drawing. For the roof use the enclosed rectangle of thin plywood cut as shown on page 5 to fit the curves properly. Once the cuts are made, you can glue the roof to the rafters with contact cement. Afterwards, we recommend sanding and filling the surface, in order to achieve a smooth and uniform finish.

The seats are built up as shown in the drawings and are placed on the corresponding marks on the floor.

You can attach the body to the chassis and then using the wire included in the kit, shape the grab irons and end platform railings according to the plans. These are glued into the holes already drilled in the ends and end platforms.

Side note: the 3D plans are for the 1st class kit but are appropriate for the 2nd class coach.