

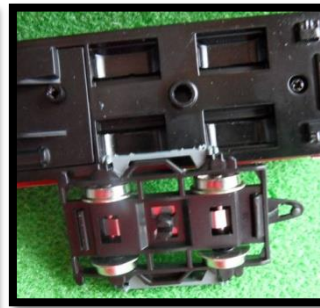
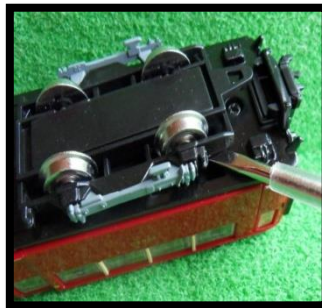
How to Motorise an EFE Model the Easy Way



TOOLS REQUIRED = 1 SMALL PHILLIPS SCREWDRIVER, 1 FILE, 1 RAZOR SAW ,
1 STANLEY KNIFE, 1 RAIL CUTTER , AND 1 FLAT SCREW DRIVER



Part 1 First remove the Bogies from the body, it's a very simple task using a flat screwdriver put it between the bogie and the floor then twist the bogie will pop off this is also the easy way to connect up the carriages, bogie from each fit the draw bar and then press back on the carriages



Part 2 Now to remove the under frame detail which is situated in the centre of the underneath of the floor you need a Stanley knife and great care should be taken you need to get the blade between the floor and plastic casting then go round all edges lifting it up, as it is glued on, when removed this will reveal 4 silver screws, you will scratch some bits of the underneath this is unavoidable but you can touch the up but on the track it is not seen



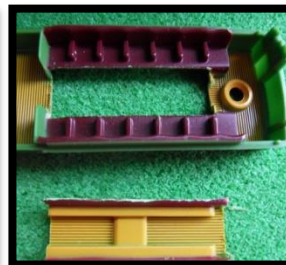
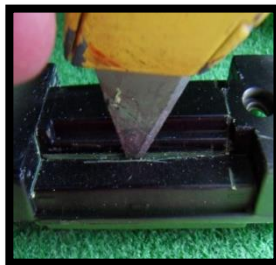
Part 3 First remove the black 3 screws that hold the body to the floor 1 at the front and 2 at the back when the body is removed take out the 4 silver screws and you will have 6 parts 2x bogies 1x under frame 1x body 1x seat unit and a floor this should take about 5 minuts



Part 4 We need to remove the front bogie cross connection this is best done by the rail cutters as the metal is a soft type and cuts easy then after we need to file the sides flat when finished just spray or paint the silver file area black and touch up any scratches.

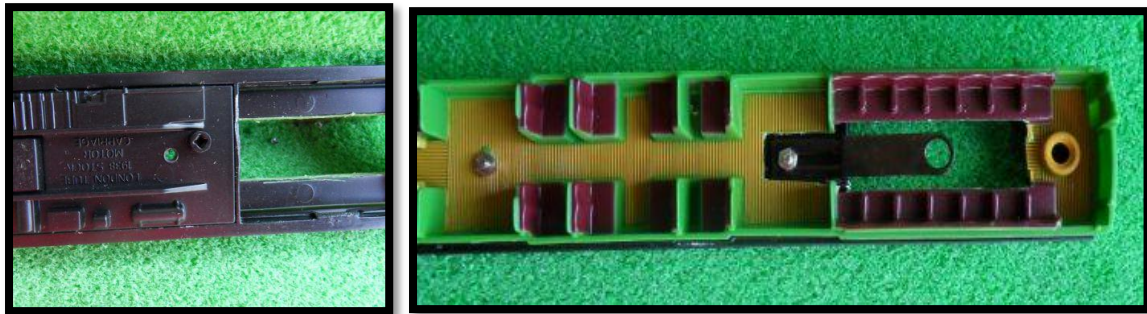


Part 5 The Seat unit we will need the Razor Saw and Stanley Knife we need 2 saw cuts as shown Photo 1 saw down to the bottom of the seats do not go through and with the Stanley you score between both saw cuts Photo 2 and the floor area will come out leaving a hole Photo 3 then also cut as shown in picture this is for the motor bracket Photo 4



Part 6 Refit the seat unit to the chassis floor using the 4 silver screws open the motor box you will need to snip the end points off each end of the wheels and you will need the motor bracket 2 screws and nuts and one bracket, place back the under frame unit and drill with a 1.9mm drill as shown, this is to refit it and fit the motor bracket as shown in the next photos that's with the bracket centre of the hole with seat 4 using 1 screw and nut the second screw and nut fit in the centre as shown then fit the non powered bogie its best to open the bottom and take out the

silver spring which rests on the axils this gives better movement and avoids the task of changing all wheels do this to all bogies



Part 7 Fitting the bogie frame on the motor first use the bracket shown this goes between the motor floor and motor you need to take off the motor floor , remove the one screw slide the floor forward and clip it up when off place the bracket in position on the floor pointing up and replace the motor body back in position making sure the pickups are behind the wheel, cut out the middle of the bogie frame so it slips over the bracket as in the picture the when the centre of the wheels super glue the bracket to the frame the white metal block we sell with our motorising kit you may need to be filed down on each end to fit in as shown this gives better adhesion paint it black and push it in the door well over the screw and bracket as shown fit the motor to the bracket, then why not fit some Hornby seated people in the seats, at this stage test run if all is well fit back the body job done



Phil Radley Radley Models www.radleymodels.co.uk 01425479377 any problems

Motorising kit £44.00 plus P & P or we can fit it for you at £14.00 plus P & P