



Freelance ERNIE

Thank you for buying this Loco kit. Please read all the instructions before assembly.

The first thing to do is to rub down all the parts you are going to paint with sandpaper and a small file in awkward places to get the worst of the grain off. Then spray paint with Halfords grey primer. Rub down with 500grit wet and dry. Spray primer again and rub down again until you get a smooth finish. Then paint the colour of your choice (Halfords paint). If there is any marks or imperfections rub down again with wet and dry. (Gloss paint will show this) then repaint.

When applying rivets at 5mm intervals before the top coat glue the rivets on with liquid poly. When dry paint with primer again and finish with top coat.

CHASSIS

Start off by taking the gearbox housings and drill out the bearings to 3.8mm press in 2 brass bearings from the inside glue in place. Bolt together using two 2mm x 10mm long bolts and nuts make shore the axle fits and turns freely. Next fit the brass gear to the axle in the centre in the gearbox housing next fit the wheels with a back to back measurement of both axles are
(32mm gauge 27.5mm back to back)
(45mm gauge 39.5mm back to back)

make sure that you have equal measurement both side of the wheel.

Next fit the motor and worm gear the housing checking the gear alignment.

Next fit the axles the chassis you made need to file out the slot a bit but not to much the wheels full in. press them in then add 4 1/8 brass bearings adding a bit of glue to hold in place.

Next fit 4 2mm countersunk screws to the outside cranks

Next fit the outside cranks to the axle making sure you have the quartering correct use a 0.9mm Allen key to tighten.

Next fit the connecting rods with 4 brass bush nuts do not over tighten add a spot of glue to hold in place. Test run the chassis to make sure there is no tight spot adjust the cranks if necessary.

BODY

Take the cab and bonnet and glue together make sure it fit the chassis. Glue in 4 3mm nuts inside this will make it easier to remove the body later. Fit the exhaust in the hole on the bonnet. Fit the louvre panels to the sides and fit a metal grill inside the bonnet. Doors for the cab are an option you can fit them if you like or leave off glazing martial is included cut to size fit inside the cab fit the roof in places ones you are happy



Many thanks
leanne robinson
Peter farley
PDF MODELS
tel. 07875264075