
The Port Able Lines

515 BARDEN STREET

Phone 772-4975

MORRISON, ILLINOIS 61270

ASSEMBLY INSTRUCTIONS GP-9 SCALE CONVERSION FRAME

Electro Motive's GP-9 diesel was a 1750 Horsepower follower of the earlier and very successful GP-7. American Flyer produced the "S" scale GP-7 model some years ago. The scale plastic shell from a Flyer GP-7, and one each of Enhorning's can motor power truck is all you need in addition to this kit to complete a beautiful scale model of the GP-9 locomotive.

The parts included in this kit were almost entirely hand-crafted of brass shapes and castings neatly soldered together. They are as a consequence delicate, especially the handrail wire and brackets, and must be handled with pride. Should any part become unsoldered it is best to repair it using an epoxy type glue, following the glue manufacturer's instructions. This is recommended to save your patience, and the paint job on your finished model.

The frame is completely assembled and may be used as it comes to mount your GP-7 plastic shell and power truck. If you wish to assemble your model immediately, you may do so by following the "SHELL AND POWER TRUCK MOUNTING" instructions below. However, a more beautiful model may be had by first altering the plastic shell and adding the detail as follows. Before proceeding with any work, we recommend that you read the instructions and familiarize yourself with each step.

TO REMOVE PAINT from the plastic shell immerse it overnight in a solution of about five tablespoons of LYE in a gallon of water. **CAUTION: LYE CAN CAUSE SEVERE BURNS.** Read precautions on container before using. Not all the original paint might come loose, but the lettering will.

GRAB IRONS. Plastic cast-on grab irons may be removed with an X-ACTO or similar knife by cutting them off flush with the nose surface. Be careful not to remove other detail. Mark holes and drill with No. 76 drill (Drill all plastic at a slow speed) on ends and also on top as shown in drawing. It will be easier to press the scale grab irons in the holes if their ends are first filed taper. Bend excess which extends into the shell to hold them in place.

HORN CLUSTER. It is up to you to leave the original horns in place or install the included cluster. Its location varied according to prototype practice. A typical location is shown on drawing. Drill with 3/32 drill. The cluster will be mounted later when most of the other work is done.

LIFT RINGS. Locate as shown on drawing. Use No. 71 drill. Exercise care when pressing into holes.

FITTING HANDRAIL TO CAB. Mount plastic shell on frame and secure in place with two screws. Mark the location of holes on the side of the cab at 1/8 inch from corners. Drill holes with No. 67 drill. Cut and bend handrail as shown on drawing, and press in the holes.

FITTING BRACKETS TO SIDE OF BATTERY BOXES. Drill plastic shell (No. 73 Drill) as shown in drawing, using the hole provided on the bracket for guide. Scutcheon pins will be used in these holes later for the final assembly.

