

Drop-Ins Installation Manuals Corrections and Notes

Please Read Before Starting Installation

All Units - Track sliders and the pickup wiring can be removed. There is one pair of wires going to the side frames and these can be cut off. The other pair goes to the small pins on the rear of the truck. These can be pulled off - no need to cut them.

All Units - Removing Smoke Units: If you are not using smoke units, you may remove the circuit board, wiring and the smoke generator from the locomotive. You can also cut off the Drop-In decoder "smoke" connecting wire since it will not be used.

GP7/9 Installation: The fuse may contact the floor of the cab. Gently bend the fuse holder pins so that it clears the cab floor - it won't take much bending.

















GP7/9 Frequency Selector Switch: The rotary switch is not wired correctly. As a result, the frequency selector settings do not match the Drop-In Users Guide descriptions. Use the chart below for the GP7/9 Drop-In decoder.

All Units - If Lighting Connectors Are Different: The installation instructions and Drop-In designs are for the current production runs of the various USA-Trains locomotives. Unfortunately, it has already been pointed out to us that older locomotives of the same class, like the GP38-2, have different lighting circuit boards and connectors. Thus the Drop-In will not be able to directly connect to the older locomotive's lighting.

If you want to use a Drop-In with an older release of the locomotive, the best solution is to purchase a set of replacement lighting boards and cables for your locomotive. Contact USA-Trains and tell them you wish to order a set of "current production" lighting boards and cables for the specific locomotive. Be sure to tell them the locomotive type and that the boards are to be used to mate to the AirWire Drop-In Decoder.

Corrected Frequency Selection Sheet for GP7/9

Due to error on the GP7/9 Drop-In decoder, the rotary frequency selector switch is wired incorrectly. Use the drawing below to select the desired frequency. The one shown in the users guide is incorrect for the GP7/9 Drop-In decoder.

SW=0  RF1300 Freq=0 T9000 SEL1=0	SW=1  Freq=1 SEL1=1	SW=2  Freq=2 SEL1=2	SW=3  Freq=3 SEL1=3
SW=8  Freq=4 SEL1=4	SW=9  Freq=5 SEL1=5	SW=A  Freq=6 SEL1=6	SW=B  Freq=7 SEL1=7
SW=4  Freq=93 T9000 SEL0 93	SW=5  Freq=87 SEL0 87	SW=6  Freq=81 SEL0 81	SW=7  Freq=61 SEL0 61
SW=C  Freq=56 SEL0 56	SW=D  Freq=44 SEL0 44	SW=E  Freq=33 SEL0 33	SW=F  Freq=09 SEL0 9

For GP7/9 Decoder Only