

Thank you for purchasing this Super Continental Line HO Scale passenger car from Rapido Trains Inc. We hope you will agree that our passenger cars are the most detailed on the market, and with every new car style we will continue to make advancements in level of detail and reliable operation.

We stand by our products 100%. If you ever have a problem with your Super Continental Line passenger car that is not solved by reading these instructions, please email address or give us a call. Our email address is trains@rapidotrains.com Our toll-free number is 1 (877) 738-6445. Outside North America, call +1 905 738 6445. When you send an email, you will usually get a response from us within one or two business days, and sometimes within minutes! We will do our best to solve any problems you have.

TUNING UP YOUR CAR

All model passenger cars need to be tuned up, and with as many as 200 parts, our cars are no exception. Before you run your Super Continental Line passenger cars, we recommend the following tune-up procedure:

1. Check that all wheelsets are in gauge using a National Model Railroad Association RP-2 Standards Gauge.
2. Check that all underbody piping is firmly installed and nothing is hanging low. If necessary, follow the steps on page 4.

3. One passenger car truck should swivel from side to side and the other should swivel side-to-side and up-and-down. Tighten or loosen the truck screws as necessary.
4. Check that the diaphragms do not bind when they are compressed. If they bind, follow the steps on page 4.
5. Replace standard-shank couplers with long-shank couplers if desired. Again, see page 4.
6. Check that no stirrups, steps or end skirts have been bent out of shape in shipping. If necessary, push them back into position with your fingers.
7. Bend up all coupler trip pins so they don't interfere with your switches and crossings. We recommend using Kadee part #237 (Trip Pin Pliers) or Micro-Mark part #80600 (Trip Pin Bending Plier).

If after the tune up your car wobbles, check the wheelsets. If you have any wheelsets which are not 100% true, we will replace them at no additional charge.

We try to catch all issues like tight wheelsets or missing parts at the factory, but with literally thousands of cars in each production run it is possible that some problems get past our QC inspectors. The best we can do in these situations is provide you with complimentary replacement parts if necessary. Just give us a call or send us an email.

MACDONALD-CARTIER METAL KNUCKLE COUPLERS

Your car comes equipped with Rapido's own Macdonald-Cartier standard-shank couplers installed on the model. These are compatible with all major brands of knuckle couplers. Your car also includes an extra pair of Macdonald-Cartier long-shank couplers for operation on tight curves.

OPERATION ON TIGHT CURVES

If you have curves on your layout below 28" radius or crossovers below #6 frogs, you can replace the standard couplers on the model with the long shank couplers and your cars will be able to negotiate curves down to 18" radius. If your curves aren't quite that tight but you want to have some more room between cars, you might find that replacing the standard coupler at one end of each car is enough. To replace a coupler:

1. Unscrew the coupler box cover using a small Phillips screwdriver.
2. Remove the standard coupler and insert the long-shank coupler.
3. Replace the coupler box cover.

We should warn you, however: running a train of full-length passenger cars around an 18" radius curve at 75 MPH is a recipe for disaster. These cars look and work best on curves of 28" radius or greater.

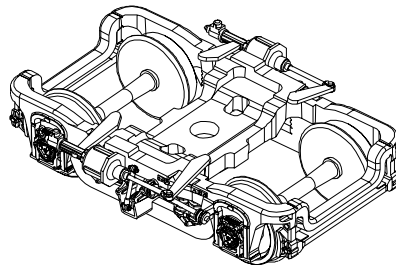
If your car has trouble with broad curves, it may mean that there is a plastic burr on the diaphragm preventing it from compressing. Remove the roof and gently push out the diaphragm with a screwdriver.

You will see a bit of plastic where there shouldn't be one — just nip it off. We try to catch all of these in the quality-control stage of production, but some occasionally get through.

If you still have problems, give us a call and we'll see what we can do for you. We aim for 100% customer satisfaction. If you want to fix things on your own, check to see if any of the underbody piping is hanging low, as this might be interfering with the trucks. If so, you can shove it back up with a small pair of pliers and add a drop of CA or Super Glue glue to keep it out of the way.

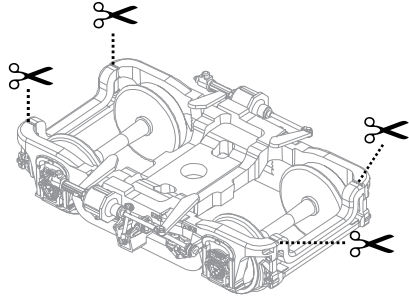
41-N-11 TRUCKS

Some cars are equipped with 41-N-11 inside-swinghanger trucks, as shown below.



These trucks may need to have their ends snipped off in order to operate on tight to medium radius curves. It is best to test the car on your tightest curve, and cut off the ends if they bind. Use a small pair of nippers

or flush cutters, and snip off the ends at the grooves. You will need to remove the trucks before attempting this.



Baggage cars equipped with these trucks will not operate below 22" radius curves even with the ends snipped off. You will need to order replacement 41-BNO-11 trucks from your dealer or direct from us. In striving to represent the mechanics of real passenger cars as accurately as possible, we've chosen to include details usually left off of passenger car models. The drawback is that sometimes it requires a little extra work to get our cars to operate on tight curves.

"EASY-PEASY" LIGHTING

The window shades (where included) are set to half height, which is how they were set at terminals. Our cars are equipped with "Easy-Peasy" battery-powered interior lighting. The lighting is tinted to represent the green-tinted hue of coach interior lighting viewed through "Solex"

passenger car windows. The benefits of battery-powered lighting include:

- no more flickering lights over switches and other dead spots
- no more drain on your power pack caused by a fleet of passenger cars with interior lights all drawing power
- no more lighting meltdowns due to high track voltage
- the ability to turn car lighting on and off with ease without paying for a decoder in each car

How it works: The lights are turned on and off with the Rapido Lighter, a magnetic wand included with your passenger car. To turn the lights on, wave the magnetic tip once over the switch hidden in the roof of the car. To turn the lights off, wave it again. The switch (a small glass tube) is located near the battery holder. Be sure to install the batteries first.

Turn the lights off when not in use: The batteries have a limited life and should only be used for "night-time" operation. To save on replacement battery costs, remember to turn off the lights in daylight and when the cars are not being used. Like the real things, these passenger cars don't have Head End Power!

Installing the batteries: To install the batteries, you must first remove the roof. Gently grasp the roof between your thumb and forefinger, near the center of the car. With your other hand, gently grab the car sides at the same spot. Lever the roof upwards on one side to pop it off. You might want to do this in a clean room; if anything goes flying, you'll

want to be able to find it! This gets easier with practice. You will see the battery holders attached to the printed circuit board. Push the batteries into their holders, with the positive side facing out. This means that, looking into the roof, the flat side is facing you.

If replacing old batteries, push them out with a bamboo skewer or something similar and replace them with Rapido Trains Inc. part #102000, Replacement Alkaline Batteries. The roof snaps back on. Make sure it is oriented the right way! You can order replacement batteries directly from us or from your local hobby dealer.

MARKER LAMPS

Your passenger car comes equipped with four marker lamps. The last car of your train should have marker lamps installed on the rear end, with the red lens facing the rear. The marker lamps press fit into the holes molded into the car ends, and can be secured temporarily for realistic operation with a drop of rubber cement. If you have fixed consists, you can permanently install the marker lamps on the rear end of your last car with a drop of CA or Super Glue.

STEAM LINE CONNECTORS

Your passenger car is equipped with steam line connectors. Attach the connector onto the steam line at the end of each car with a drop of CA or Super Glue.

LIMITED LIFETIME WARRANTY

We will do our best to solve any problems that you have with your passenger car. If your car has any factory defects, we will repair or replace the part or the car. However, we can only replace your car while we have it in stock. We keep spare cars for each product number for up to six months after it is released. If you purchased this car or first opened it after that time, it is possible that we don't have any replacements left. Give us a call or send us an email and we'll see what we can do.

There are a couple of things not covered by the warranty. If your car arrives with some grab irons or other parts that came loose in shipping, don't bug us. These can be reattached in about two minutes with white glue. At Rapido, we use Weldbond. It doesn't craze window glazing, and if you make a mistake it can be cleaned up with warm water. If grab irons are missing, that's another story — please bug us and we'll send you replacements.

And of course, damage caused by trips to the basement floor, running our cars around 18" radius curves at ridiculously high speeds, throwing them to your friend on the other side of the layout room, picking them up with wet paint on your hands, or any other damage caused by you is not covered by the warranty. However, if catastrophe does strike and your car is damaged, please give us a shout and we'll try our best to help.

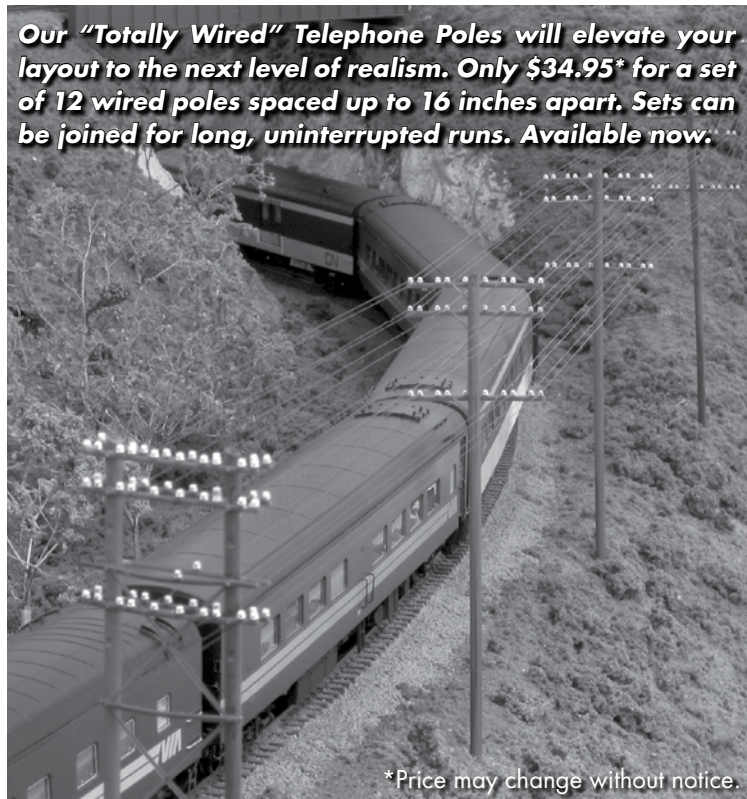
ACKNOWLEDGEMENTS

Many people have been instrumental in helping us bring the Super Continental Line to life. We could not have done it without all of you who sent in research material, provided feedback, and helped us better our products in so many ways.

A few people deserve special mention for continued help with our passenger car line: Darren Altbaum; David Altbaum; Dennis Chu; Michael and Betty Herman; Mark Kaluza; Patrick Lawson; Rael and Maylene Ludwig; Sidura Ludwig; Jakob Mueller; Sarah Peters; Van and Sonia Shron; Boaz and Dalya Shron; and Colin Zuo. Finally, our models would not be half as accurate as they are without the continued generous help provided by Richard Longpre. He has forgotten more about CN's passenger cars than most people will ever know, and his excellent translations allow French Canadians to get the most out of our products. Thank you to all who have helped out and continue to help us maintain our position as the finest quality model railroad passenger car manufacturer in North America.

Jason Shron
President
Rapido Trains Inc.

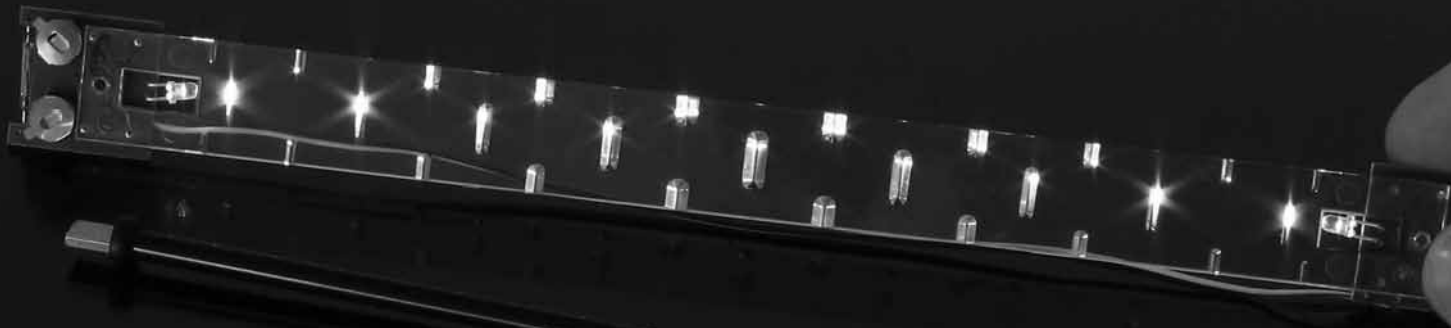
Our "Totally Wired" Telephone Poles will elevate your layout to the next level of realism. Only \$34.95* for a set of 12 wired poles spaced up to 16 inches apart. Sets can be joined for long, uninterrupted runs. Available now.



*Price may change without notice.

BATTERY-POWERED LIGHTING

MEANS HASSLE-FREE REALISM



You can order our lighting sets separately!

"EASY-PEASY" PASSENGER CAR LIGHTING SETS • PRODUCT #102003

"EASY-PEASY" SHORTY PASSENGER CAR LIGHTING SETS • PRODUCT #102013

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