

73-9134-250  
8/01



***Aluminum Baggage, Coach,  
Combination, Diner,  
Full Vista Dome, and  
Observation Car  
Instruction Manual***

## ***Congratulations!***

**C**ongratulations on your purchase of these highly detailed aluminum passenger cars with interiors. Each car is equipped with an ON/OFF switch for the overhead lighting. Use this manual to locate the switch for each type of car. You may find it

useful to turn off the lights in cars that are not being used when running long or heavy trains. This will conserve power, making more power available for the train you are running.

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# Switch Locations

## Baggage and Combination car

The light switch is located inside the sliding baggage door mounted to the circuit board on the ceiling. Refer to Figure 1 for

the switch location and ON and OFF positions. Note that the front of the baggage car is the end without the desk and chair.

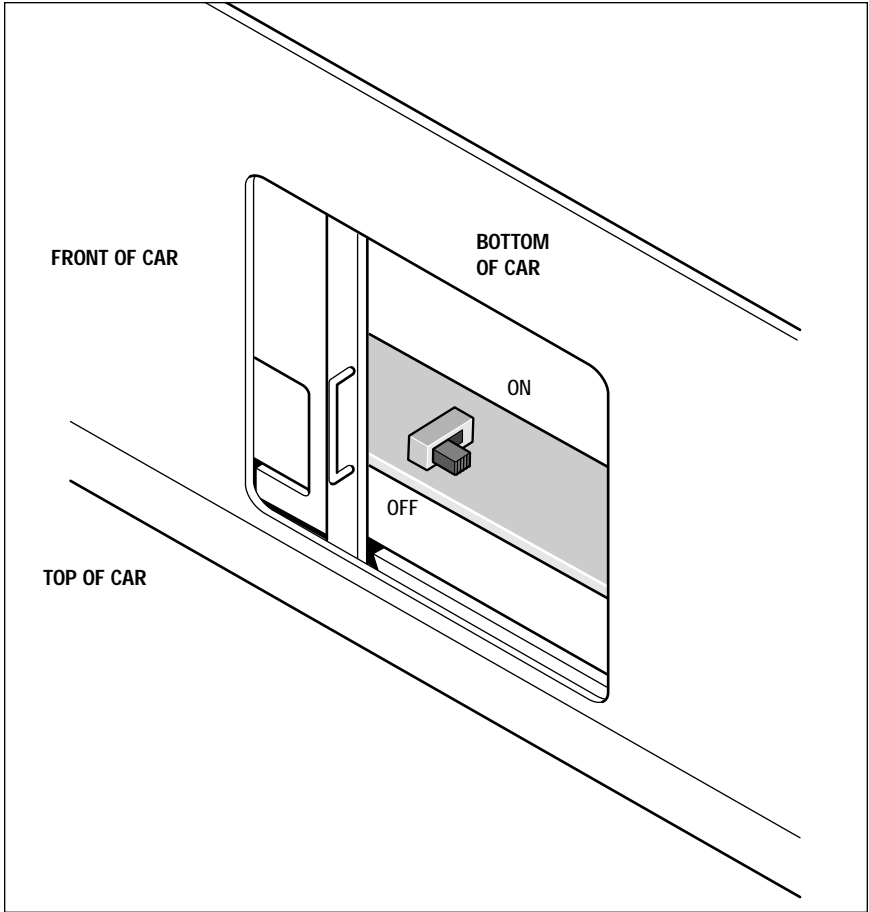


Figure 1. Light switch location for baggage and combination cars

# Switch Locations

## Diner car

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The light switch is located on the bottom of the car. Refer to Figure 2 for the location of the switch and the ON and OFF positions.

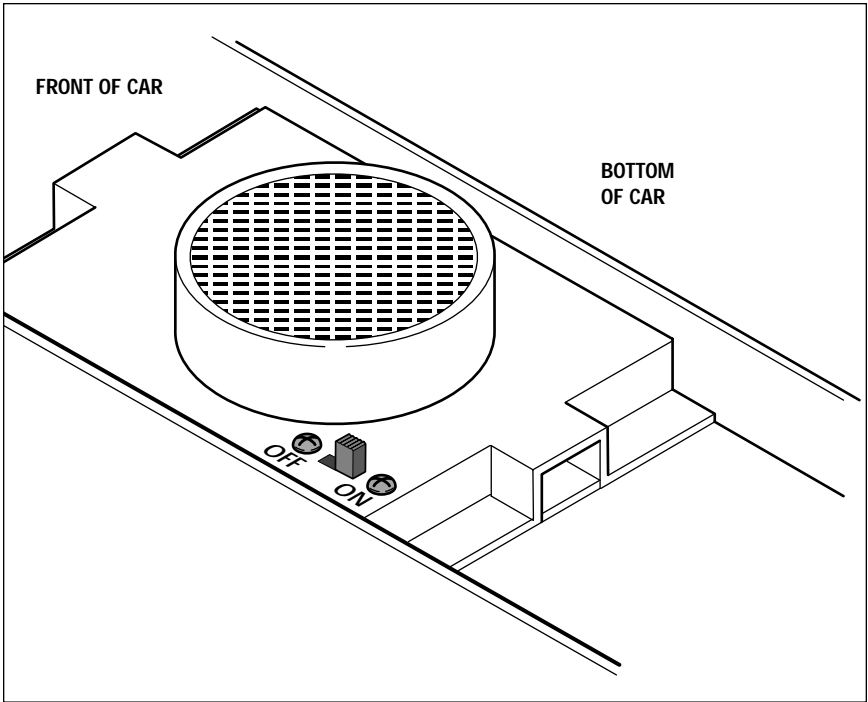


Figure 2. Light switch location for baggage and combination cars

# Switch Locations

## Full Vista Dome, Coach, and Observation cars

The light switch is located inside the vestibule at the front end of the car. On the full vista dome car, it is on the right side on the inner vestibule wall near the top of the door. On the observation and coach cars,

it is along the centerline of the roof between the vestibule wall and the end cap. Refer to Figure 3 for the switch locations and the ON and OFF positions.

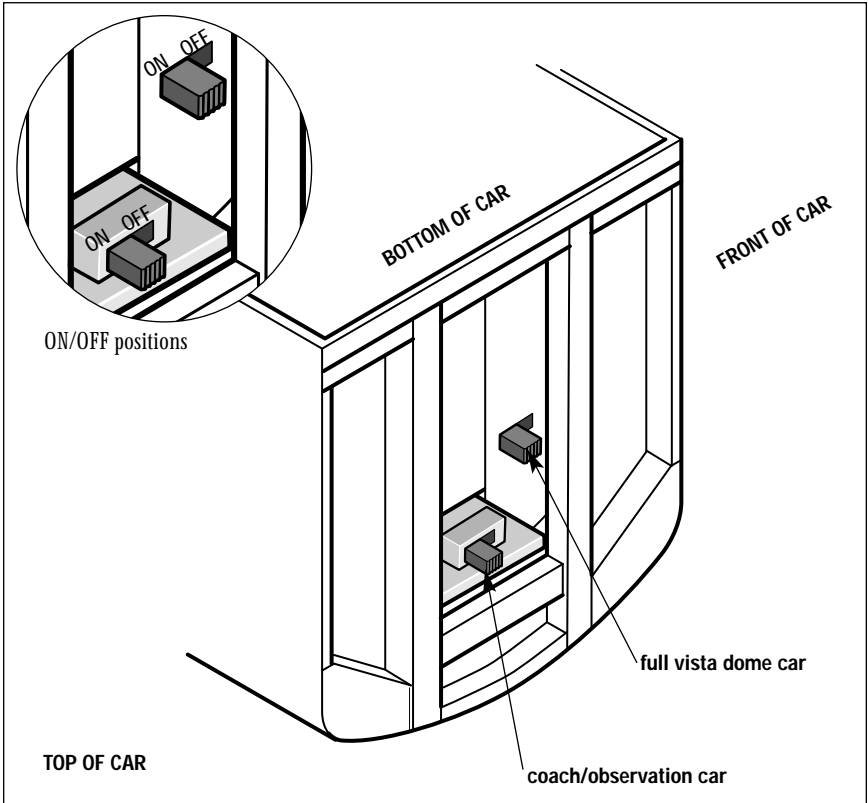


Figure 3. Light switch locations for full vista dome and observation cars

# Bulb Replacement

**D**uring normal operation, it may become necessary to replace the light bulbs on the ceilings of your passenger cars. Follow the instructions below to disassemble the cars to gain access to the light panel.

Owners of these cars who are not experienced with servicing Lionel products may wish to seek non-warranty service at a Lionel Authorized Service Center.

## Lamp replacement for the Baggage, Coach, and Combination cars

1. Loosen the two end cap screws at the bottom of the frame in the front of the car and pull the endcap off the car body. See Figure 7 for the locations of screws and endcaps.
2. Reach into the front of the car and unplug the wire harness from the light panel. Pull on the white housing, not the wires themselves. Refer to Figure 4.
3. Slide the light panel out of the car to expose the light bulbs.
4. Pull the expired lamp straight out, away from its socket and replace with Lionel P/N 630-9134-300. Make sure that the replacement bulb is flat against the light panel. Refer to Figure 5.
5. Reassemble the car in the reverse order. On Baggage and Combination cars, be sure the brass eyelets beneath the screw heads on the end caps sit beneath the metal frame. Refer to Figure 6.

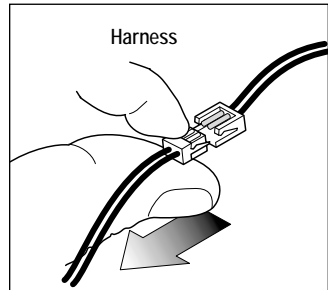


Figure 4. Wire harness separation

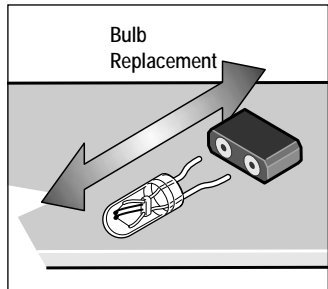


Figure 5. Lamp replacement

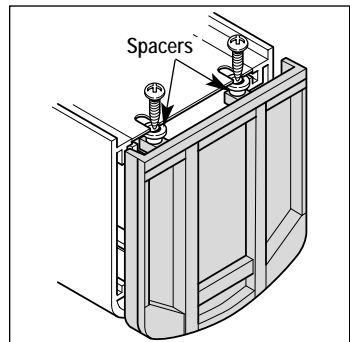


Figure 6. Spacer placement

# Lamp replacement for the Baggage, Coach, and Combination cars (continued)

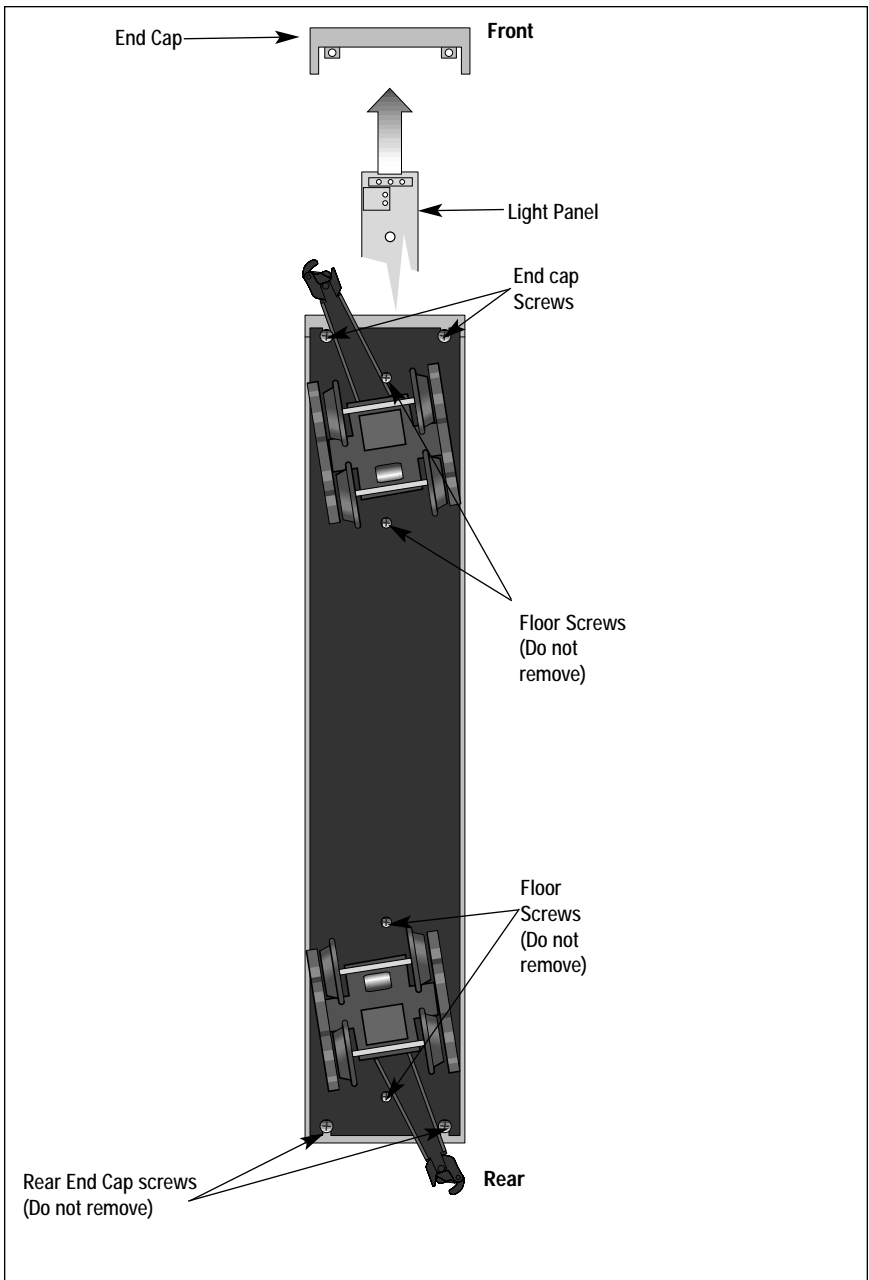


Figure 7. Removing the end cap and light panel



## Lamp replacement for the Diner Car

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1. Loosen the four end cap screws on the bottom of the frame. Refer to Figure 8 for the location of the screws and end caps.
2. Pull both end caps off of the aluminum car body.
3. Unplug the wire harness from the light panel at the front end of the car (the end with the smaller windows on the sides). This is illustrated in Figure 4. Be careful to pull on the white housing, not the wires.
4. Carefully slide the light panel out of the rear of the car to expose the lamps.
5. Pull the expired lamp straight out of the socket. Replace it with Lionel part no. 630-9134-300. Refer to Figure 5 for lamp removal and replacement. Be sure that the replacement lamp is properly positioned on the light panel. If the bulb hangs too low, it will get caught on the interior details when you replace the light panel.
6. Reassemble the car in reverse order.

# Lamp replacement for the Diner Car (continued)

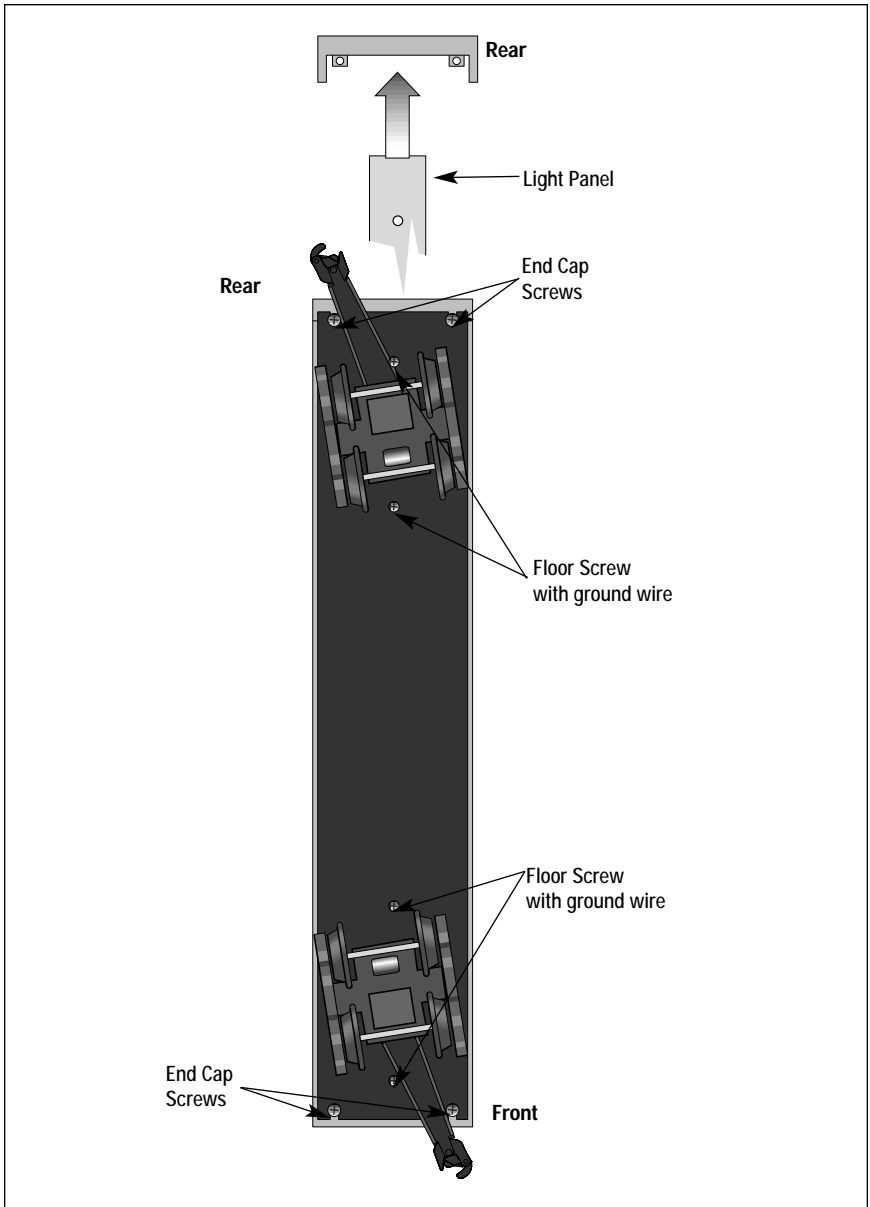


Figure 8. Removing the end caps and light panel

## **Lamp replacement for the Observation car**

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1. Loosen the two end cap screws at the bottom of the frame. Refer to the Figure 9 for screw locations.
2. Remove the end cap and bulkhead.
3. Unplug the wire harness. Pull on the white housing, not the wires themselves. Refer to Figure 4.
4. Slide the light panel out of the rear of the car to expose the light bulbs.
5. Pull the expired light bulb out of the socket and replace it with Lionel part no. 30-9134-300. Make sure that the replacement bulb is flat against the light panel. Refer to Figure 5.
6. Reassemble the car in the reverse order.

## **Drumhead lamp replacement on the Observation Car**

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1. Remove the roof nut and washer from the bottom of the rear of the car. Slide the molded coupler section off.
2. Remove the rear door and drumhead.
3. Remove the two floor screws that attach the wires to the frame near the trucks. Also, remove the floor screw located in the frame near the forward truck (near the front of the car). Refer to the Figure 9 for screw locations.
4. Lift the frame away from the body. Take care not to pull the wires attached to the frame.
5. Pull the small circuit board, holding the drumhead light, out of the slot in the interior floor
6. Pull the light bulb out of the socket and replace it with Lionel part no. 30-9140-300.
7. Reassemble the car in the reverse order.

# Lamp replacement for the Observation car (continued)

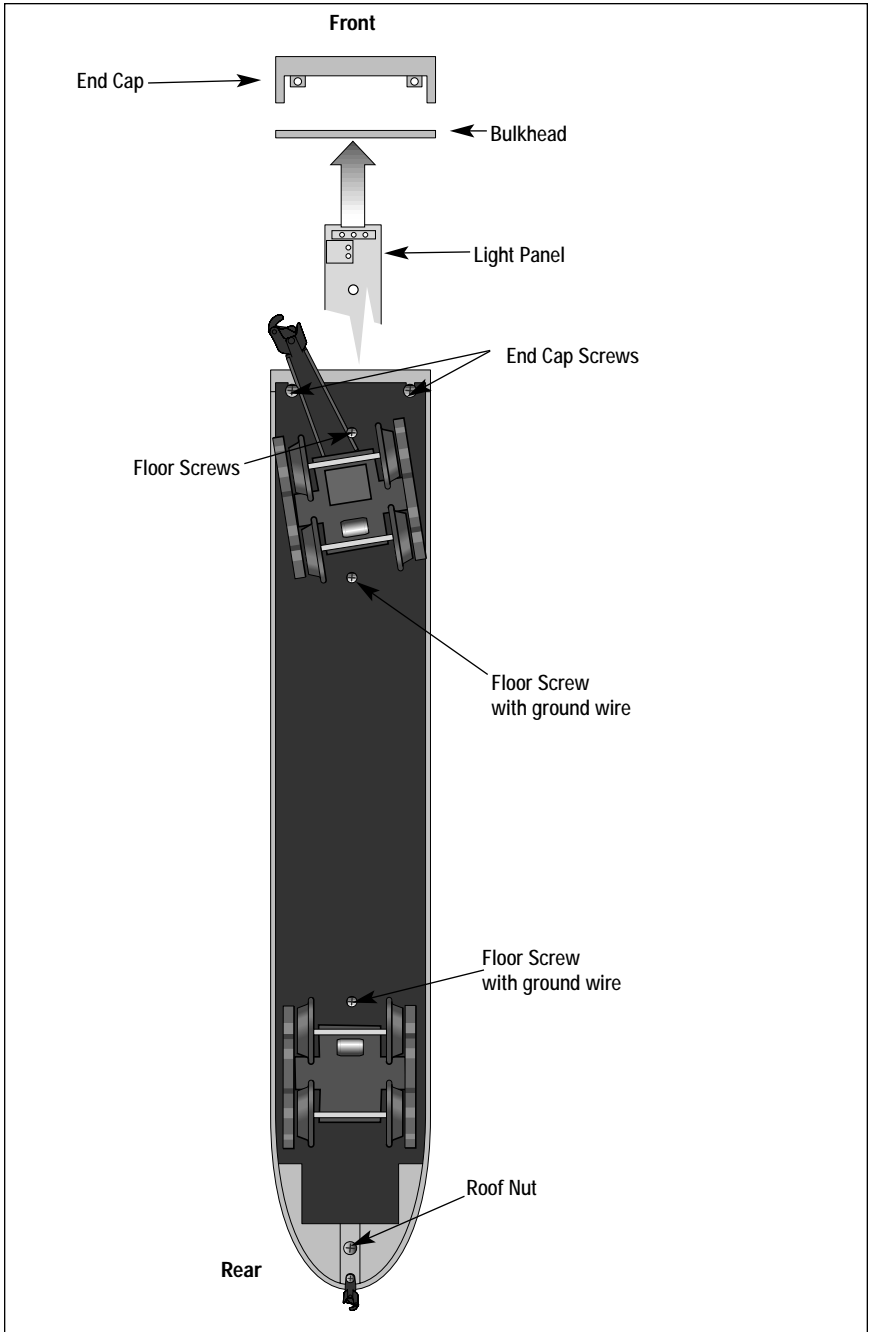


Figure 9. Removing the end cap and light panel

# ***Bulb Replacement***

## **Lamp replacement for the Full Vista Dome car**

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**Note!** There is no illumination on the top floor.

1. Loosen the four end cap screws and pull the end caps off the car body. Also remove the inner bulkhead behind the end cap. See Figure 10 for locations.
2. Remove the four floor screws on the centerline of the frame near the ends of each truck. These are also indicated in Figure 10.
3. Gently pull the trucks and metal frame up and away from the car body. Take care not to pull the wires attached to the frame.
4. Pull the white harness away from the opening under the stairs between the metal frame and plastic floor. Disconnect the plug from the socket. Pull on the white housing not the wires themselves. Refer to Figure 4.
5. Slide the lower plastic floor out of the car to expose the light bulb circuit board.
6. Pull the expired lamp straight out, away from its socket, and replace it with Lionel P/N 630-9134-300. Make sure that the replacement bulb is flat against the light panel. Refer to Figure 5.
7. Reassemble the car in the reverse order, being sure the floor, body and frame are all aligned properly.

**Note!** When you slide the lower detailed interior back into the car, be sure that the copyright information, ©Lionel LLC, molded into the bottom of the lower floor reads in the same direction as it does on the bottom of the top floor.

# Lamp replacement for the Full Vista Dome car (continued)

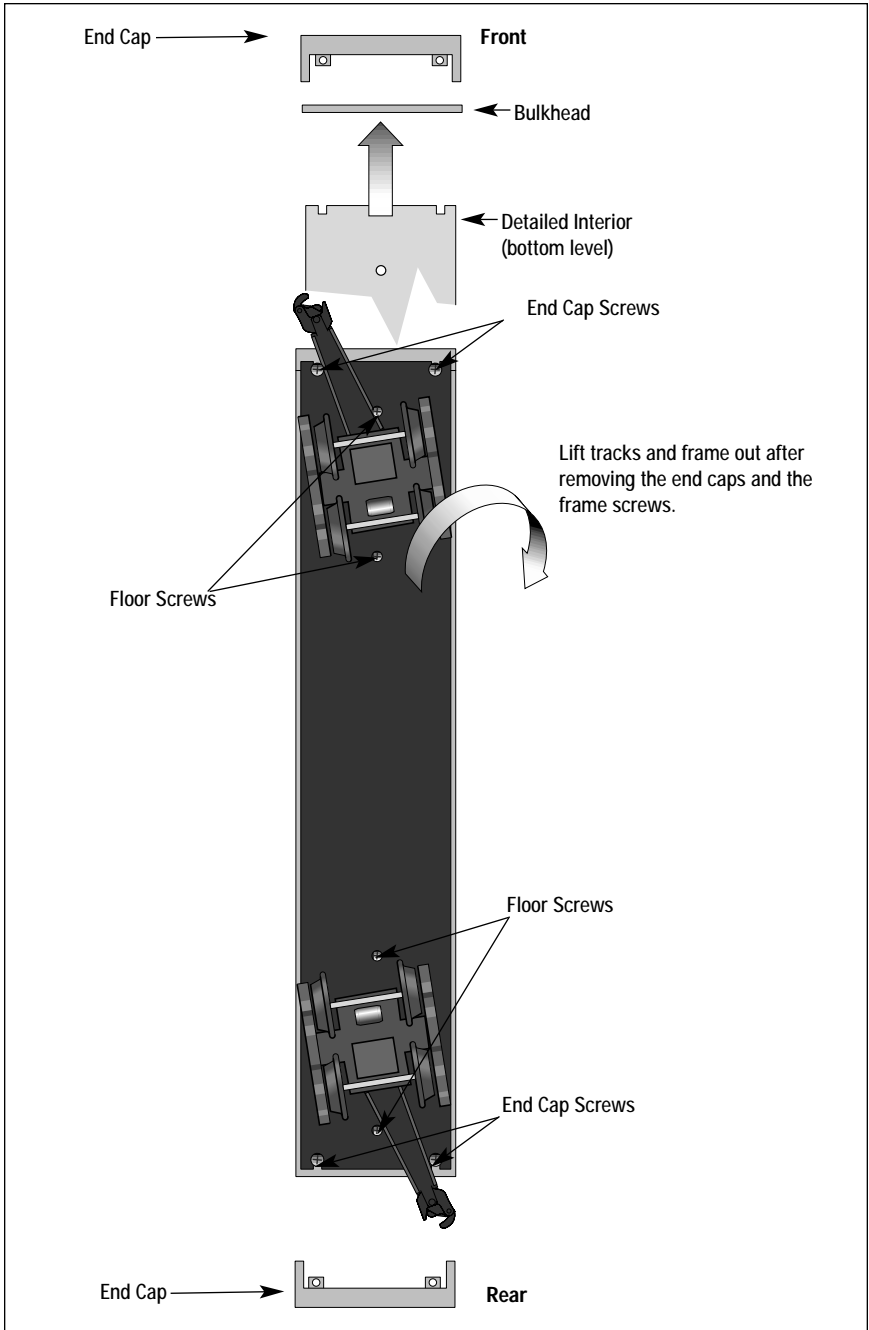


Figure 10. Removing the end caps, frame, and detailed interior

## ***Notes***

## Limited Warranty/Lionel Service

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**T**his Lionel product, including all mechanical and electrical components, moving parts, motors and structural components, except for light bulbs, is warranted to the original consumer-purchaser, for one year against original defects in materials or workmanship when purchased through an authorized Lionel merchant.

This warranty does NOT cover normal wear and tear, light bulbs, defects appearing in the course of commercial use, or damage resulting from abuse or misuse of the product by the purchaser. Transfer of this product by the original consumer-purchaser to another person voids this warranty. Modification of this product voids this warranty.

Any warranted product which is defective in original materials or workmanship and is delivered by the original consumer-purchaser to Lionel L.L.C. or an authorized Lionel L.L.C. Service Center, together with proof of original purchase will, at the option of Lionel L.L.C., be repaired or replaced, without charge for parts or labor. In the event the defective product cannot be repaired, and a replacement is not available, a refund of the original purchase price will be granted. Any products on which warranty service is sought must be sent freight or postage prepaid, as transportation and shipping charges are not covered by the warranty.

### In no event shall Lionel L.L.C. be liable for incidental or consequential damages.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you.

This limited warranty gives you specific legal rights, and you may have other rights which vary from state to state.

### Instructions for Obtaining Service

If service for this Lionel L.L.C. product is required, bring the item, along with your dated sales receipt and completed warranty information

to the nearest Authorized Lionel Service Center. Your nearest Lionel Service Center can be found by calling 1-800-4-Lionel, or by accessing our Website at [www.lionel.com](http://www.lionel.com).

If you prefer to send your product back to Lionel L.L.C. for repair in Michigan, you must first call 810-949-4100 or FAX 810-949-5429, or write to Customer Service, P.O. Box 748, New Baltimore, MI 48047-0748, stating what the item is, when it was purchased and what seems to be the problem. You will be sent a return authorization letter and label to ensure your merchandise will be properly handled upon receipt.

Once you have received your return authorization and label, make sure that the item is packed to prevent damage during shipping and handling. We suggest that you use the product's original packaging. This shipment must be prepaid and we recommend that it be insured.

Please make sure you have followed all of the above instructions carefully before returning any merchandise for service. You may choose to have your product repaired by one of our Authorized Lionel Service Centers after its warranty has expired. A reasonable service fee will be charged.

### Warranty Information

Please complete the information below and keep it, along with your dated sales receipt. You must present this and your dated sales receipt when requesting warranty service.

Name \_\_\_\_\_

Address \_\_\_\_\_

Place of Purchase \_\_\_\_\_

Date of Purchase \_\_\_\_\_

Product Number \_\_\_\_\_

Product Description \_\_\_\_\_

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