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30570 Interior and Lighting Kit Installation Instructions

Note: Installation of these parts requires a moderate level of skill and some experience with basic hand tools. LGB of America assumes no responsibility for improper installation or damage to any components. Before starting, read through these instructions thoroughly and determine if you will be able to complete the work.

Tools required:

#0 Phillips Screwdriver
Drill with 4.7mm or 3/16" drill bit
Heavy foam or padded work surface to set car on
Electrical or plastic tape to secure wires
Side Cutting Pliers/Wire Cutters

Supplies required – not included with this kit:

Glue: 'Uhu Kontakt Kleber' or other contact cement
Ball Bearing Metal Wheels (LGB #67403 type) - 2 Wheelsets

Note:

In these instructions, the car orientation will be referenced as follows:

End of car with side doors is called the "door end" of the car.

End of car with no side doors is called the "restroom end" of the car.

It is important to keep the car and parts properly oriented.

Prepare interior subassemblies:

There are 3 beige plastic floor tray pieces. 2 are the same. One will be used for the restroom end of the car, the other will be for the door end. The remaining floor tray is for the center of the car.

Restroom subassembly:

Snap headrests onto 4 seats. Press seats into place on floor tray. Seats may be faced either direction, as desired. Assemble toilet and toilet seat cover. Glue toilet into place in square ridge on floor tray. Press sink into place on restroom wall, beneath faucet.

Assemble flat wall panel (with door opening and two windows) and restroom wall piece ('L' shaped). Slide into grooves on floor tray.

Center subassembly:

Snap headrests onto 8 seats. Press seats into place on floor tray.

Door-end subassembly:

Snap headrests onto 4 seats. Press seats into place on floor tray. Assemble seat for telephone booth. Glue seat into place in square ridge on floor tray. Press telephone cabinet into place on telephone booth wall ('L' shaped). Assemble flat wall panel (with door opening and two windows) and telephone booth wall piece. Slide into grooves on floor tray.

Car disassembly and modification:

Turn car upside down.

Loosen 2 screws and remove underfloor compartment.

Turn car right side up.

Remove 2 screws on each end wall to loosen roof. Pull roof off.

Remove tinted windows. Small windows at ends of car need to be broken loose, taking care not to damage the car body. Warning: Protect your eyes as windows may shatter while removing!

Remove 6 molded-in pegs from car floor by drilling them out. 2 pegs are located at each end of the car floor, approximately 2½" from the end. 2 more pegs are located in the center of the car floor, diagonally opposite each other on either side of the channel in the car floor.

Drill 2 holes through channel in center of floor, to route wires down to underfloor compartment.

Installation:

Turn car upside down.

Mount voltage regulator circuit board inside underfloor compartment. Secure to mounting posts with 2 screws. Route wires through holes in floor. Re-install compartment.

Snap out outboard wheelset on each truck. Snap in ball-bearing wheelsets.

Turn car right side up. Route one red/black wire set in floor channel to each truck. Use bits of tape to hold in place. Route wires down through curved holes and through truck bolsters. Turn car over and plug wires into posts on ball bearing wheels. Red wires at opposite ends must be on opposite sides of car.

Turn car right side up. Route black/black wires in floor channel to end of car that has no side doors. Route wires up through hole in restroom floor subassembly and up corner of restroom wall, behind hooks. Slide restroom subassembly from center of car towards end of car, pressing downwards. Secure with 2 screws down into car floor, just inside car end wall.

Install center floor subassembly, sliding it into place under hooks on restroom subassembly.

Install door end subassembly, sliding it towards car end and pressing down. Secure with 2 screws down into car floor, just inside car end wall.

Peel backing off of clear window strips. Slide windows down into recesses in car side walls.

Glue 4 small windows into remaining window openings in doors.

Press long light circuit board into cover, with sockets facing down. Take care to line up holes in circuit board and cover. Mount circuit board/cover assembly to underside of roof with 2 screws. Screws go into inboard mounting posts on each end.

Line up roof and carbody, with square roof vents at restroom end of car. Insulate one or both wire terminals on black wires with electrical tape or shrink tubing. Plug wires into posts on light circuit board. Press roof into place. Secure roof with 2 screws on each end.

Test operation of car. Switch in underfloor compartment turns lights on/off.