

# GENERAL ELECTRIC U25B

Manufactured by Bowser-Stewart

PO Box 322

Montoursville PA 17754

## Part I

### GENERAL INSTRUCTIONS AND TOOL SUGGESTIONS

|                                    |                 |
|------------------------------------|-----------------|
| Small Phillips & Flat Screwdrivers | Pin Vise        |
| Liquid Plastic Cement with Brush   | #80 Drill Bit   |
| Cyanoacrilate Cement (ACC)         | Plastic Cutters |
| Modelers Knife                     | Small Tweezers  |

Note: Refer to the exploded view during assembly. The front, rear, left, and right side of each unit is identified. Remove parts from the sprue carefully, verifying that all gate material has been removed. Glue must be applied sparingly from the inside of the shell, allowing capillary action to draw the cement into the joint or hole.

## Part II

### SUPERSTRUCTURE ASSEMBLY

**Step (1).** The hood (PN0298 or PN0299), cab (PN0251 or PN0252) and the walkway (PN0250) are snapped together and fastened to the chassis with two screws (PN0119). Remove each screw (PN0119) to separate the superstructure from the chassis.

**Step (2).** Begin to separate the superstructure by removing the cab (PN0251 or PN0252). Unsnap the hood (PN0298 or PN0299) from the deck (PN0250).

**Step (3).** Refer to the exploded view diagram to install appropriate handrails (PN0257) using the provided mounting holes. The use of cyanoacrilate (ACC) cement is optional.

**Step (4).** Install the horn (PN0253).

**Step (5).** **Phase II Only:** Install the brakewheel (PN0256) into the hole provided on the left front of the hood (PN0298).

**Step (6).** Install the cab glass and lenses (PN0260). Place the right rear window into position inside the cab. Place and hold the front windshield while right side window is snapped in. Repeat this process with the left side. All windows may be glued in the corners, if preferred. Use glue sparingly! Find the front and rear headlight lenses as identified on the sprue. The front lenses are notched to clear the glare shields at the cab headlight. Press the front headlights into position from the outside. Press rear lenses into position from the outside.

**Step (7).** **OPTIONAL:** To model a U25B without dynamic brakes, cut out the dynamic brake grids at the rear opening of the hood (PN0298 or PN0299).

**Step (8).** Install the screen & ladder set (PN0297). Remove each plastic side filter frame from the sprue. All gating must be removed from the back of the part. Place the side screens with the painted side outward into each recess at the rear of the hood (PN0298 or PN0299). Snap the plastic side filter frames into place. Position the ladder in the holes provided in the walkway.

**Step (9).** Snap the hood (PN0298 or PN0299) into the walkway (PN0250). Slide the cab (PN0251 or PN0252) onto hood (PN0298 or PN0299). Place the ends of the handrails into the holes in the cab (PN0251 or PN0252) rear.

## Part III

### FINAL ASSEMBLY

**Step (1).** Press the air tanks (PN0258) into the receptacles on the underside of the frame (PN0301).

**Step (2).** Install each brake cylinder (PN0191) into the holes in the sideframes (PN0176). The use of cyanoacrilate (ACC) cement is optional.

**Step (3).** Place the assembled superstructure over the powered chassis. **Note: The frame (PN0301) must be properly oriented to allow the walkway (PN0250) to seat properly. Refer to the exploded view diagram.** Turn the assembly upside down and place on a padded flat surface. Assemble the Accumate coupler or select the X2F (PN0018) and place it into the coupler box (PN0019) and install the coupler lid (PN0020). Slide the coupler assembly into the opening of the pilot. Install using the provided screw (PN0119). **Note: Do not use the coupler boxes that are enclosed in the handrail parts bag. They are used for a different version of this model. Only use the parts as shown on the exploded view drawing to install the couplers.**

## Part IV

### GENERAL INFORMATION

#### Painting Truck Sideframes

Modelers who wish to paint or weather truck sideframes (PN0176) may wish to remove them to prevent paint over-spray from impairing electrical pickup. Each worm cover (PN0022) has two legs extending inward. Release the worm cover (PN0022) by prying the legs outward with a small flat screwdriver. Disconnect the connector wires from the Molex connectors on the circuit board by sliding the Molex housing toward the middle of the board. Pull lightly on the wire if necessary using a needle-nose pliers. The worm gear assembly (PN0034 – PN0037) and universal shaft (PN0304) can be removed by prying upward with a small flat screwdriver. The frame (PN0301) can now be lifted upward and away from the trucks. The sideframes (PN0176) are locked in place by a retainer clip (PN0026). Four tabs extend upward from this clip. These tabs are only visible when viewing the truck from directly overhead. The retainer clip (PN0026) can be removed by gently prying outward on the tabs. Sideframes (PN0176) can now be pulled away.

#### DCC Information

For DCC users, a DCC compatible plug socket has been provided. Remove the DCC Plug from the main circuit board (PN0300) Reference your DCC manual for proper decoder installation.

#### Detailing

Drill bit starter guides have been placed at various locations on the shell for Detail Associates #2202 Grab Irons (not included). Detail Associates #2204 Coupler Lift Bar & Brackets (not included) may be installed in the holes provided in each pilot.

#### Removing Paint and Lettering

This practice is not recommended. It is impossible to predict how paint removers, chemicals, strippers, etc. will react with the plastic shell. Stewart Hobbies can not be held responsible for any damage that occurs during or after paint removal.

#### Questions or Problems

We hope that you will be happy with this finely detailed kit. If any questions or problems occur, please inform us. Any problems with defective parts will be responded to promptly. For purchases of additional parts, please use the order form printed below.



# U 25 B Phase II

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