

ATLAS MODEL RAILROAD CO., INC.

HO ALCO C-424 AND C-425 DIESEL

Mr. Roundhouse Superintendent:

The Atlas HO Alco C-424 and C-425 Diesels have been carefully assembled and tested before leaving the factory. It will provide virtually maintenance-free service; however, extended usage may require occasional replacement of the lamp and motor brushes.

Major disassembly should rarely be necessary and is not recommended for the novice. Only a person experienced in model loco repair should attempt dismantling the model as shown in the exploded perspective drawings.

IMPORTANT!

Before attempting disassembly, all instructions should be read and drawings studied thoroughly so as to become familiar with the numerous latch locations.

BODY & CAB Removal

1) Detach handrails from cab and battery boxes on both ends.

2) Place thumb and forefinger on sides of long hood as low and as far forward as possible. Squeeze gently while pulling upward to release latches. Repeat this procedure to release latches at end with short hood.

3) Cab is secured to body by latches on the front and rear endwalls. These latches are easily reached and released from the underside of the body. Note: removal of the 803202A & 803202B Cab Glazing units can be difficult and requires care. The glazing units are molded with the panes precisely fitted to the individual cab window openings. All of the panes in each unit must be released simultaneously before the glazing units can be withdrawn from the Cab. The following method makes the job easy.

Working one window at a time, push a window pane out of its Cab opening then slip a narrow piece of paper between the glazing and the Cab's inner wall to keep it from snapping back into the opening. Repeat this procedure at all other Cab windows. With all panes thus held in disengagement, the glazing units can be withdrawn.

TRUCK Removal

Detach Truck Wires 707313 by sliding their tiny connectors off the ends of contact wires 707104. Remove Trucks as follows:

1) Remove Worm Cover 707304 by gently releasing its four small latches. This will expose various worm shaft elements which are best lifted out to avoid their loss while handling the truck.

2) The truck can now be removed by rocking its outer end upward and pulling it toward the frame end.

The trucks should not be disassembled beyond the stage shown in the drawing. The transmission gears can only be removed by removing the two small screws in the Gearcase and risks permanent damage.

FIG. 1

Exploded Loco Assembly

