ATLAS MODEL RAILROAD CO., INC.

HO ALCO RS-11 DIESEL

Mr. Roundhouse Superintendent:
The Atlas HO Alco RS-11 Diesel has 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 drawing. Note that the RS-11 uses the same chassis parts as the Atlas RS-3 with the exception of the fuel tank. RS-3 parts are numbered in the 707000 series; RS-11 parts in the 709000 series.

IMPORTANT
Before attempting disassembly all instructions should be read and drawings studied thoroughly so as to become familiar with the numerous latch locations which are identified in the drawings in a bolder italic typeface, ie ***LATCH.***

BODY & CAB Removal
1) Detach handrails from cab and battery boxes at end with shoot hood.
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 front latches. Repeat this procedure to release rear latches at end with short hood.
3) Cab is secured to body by latches at the bottom of cab front and rear endwalls. These latches are easily reached and released from the underside of the body. NOTE: Removal of the 709202 Cab Glazing Unit can be difficult and requires care. The glazing unit is molded with eight panes precisely fitted to the individual cab window openings. All eight panes must be released simultaneously before glazing unit can be withdrawn from the cab.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 With all panes thus held in disengagement the glazing unit can easily be withdrawn.

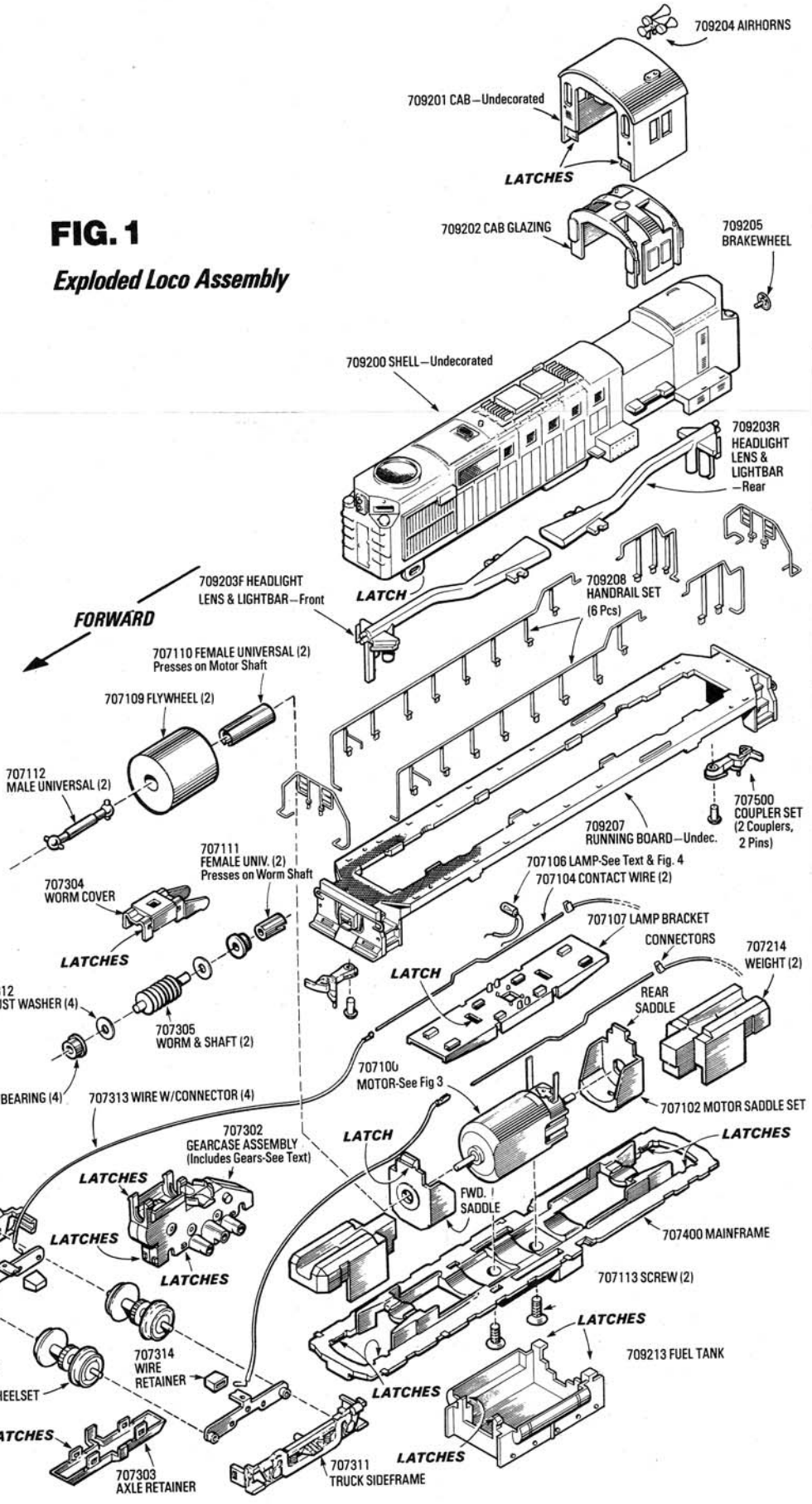
TRUCK Removal
Detach Truck Wires 707313 by sliding their tiny connectors off the ends of Contact Wires 707104. Remove trucks as follows:
1) Remove Worm Cover 707304 by gently releasing its four small latches. This will expose various worm shaft elements which are best lifted out to avoid their loss while handling truck.
2) Truck can now be removed by rocking its outer end upward and pulling it toward frame end.

The trucks should not be disassembled beyond the stage shown in Fig. 1. The transmission gears cannot be removed from the factory welded 707302 Gearbox except by spreading its sides risking permanent damage.

(continued over)

FIG. 1

Exploded Loco Assembly



707300
Truck Assembly

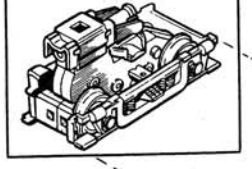


FIG. 2