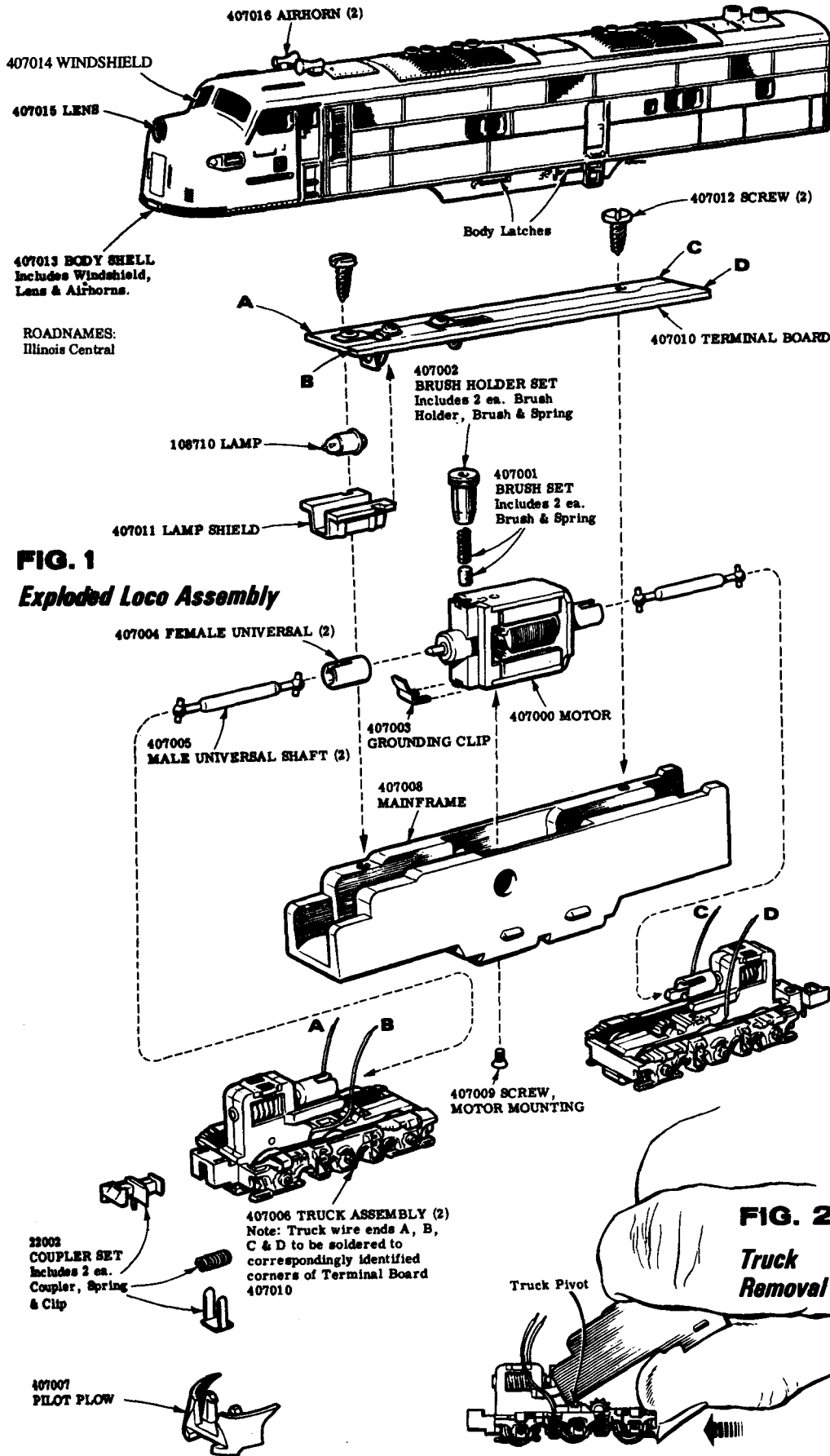


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DISASSEMBLY

To remove motor for replacement of brushes, proceed as follows:

1. Spread sides of Body 407013 just enough to release the two body latches located on each side just above the fuel tank.
2. Remove both Screws 407012 then swing the Terminal Board 407010 to one side to expose the Motor 407000.
3. Remove Motor Mounting Screw 407009 at bottom center of Mainframe 407008. Motor can now be lifted out of the mainframe. Before removing motor, make a small identification mark on its upper surface to insure correct re-installation. Re-installing motor in the inverted position will reverse its polarity.
4. Use a modeler's knife to withdraw Brush Holders 407002. When removing bottom brush holder be careful not to mislay Grounding Clip 407003. The base leg of the grounding clip has a semi-circular notch which presses into the narrow groove around the head of the brush holder.

TRUCK REMOVAL

NOTE: The 407006 Truck Assembly comprises some 43 precisely manufactured parts, proper assembly of which requires special factory tooling. With proper care, the truck will provide long service without need for replacement of parts.

Disassembly of the truck is difficult and, with the exception of coupler replacement, no repairs should be attempted. Instead, it is recommended that the entire truck assembly be replaced inasmuch as the value of time required to disassemble, repair and reassemble a truck far exceeds the cost of truck replacement.

Should truck removal be necessary, proceed as follows:

1. Unsolder the four wire connections at the corners of the Terminal Board. These are identified as A, B, C & D in FIG. 1.
2. Grasp the Mainframe between thumb and forefinger placing thumb behind truck as shown in FIG. 2.
3. Swing back end of truck downward to position shown then press forward with thumb, in direction of arrow, to disengage truck from its pivot on the mainframe.

FIG. 2
Truck Removal