

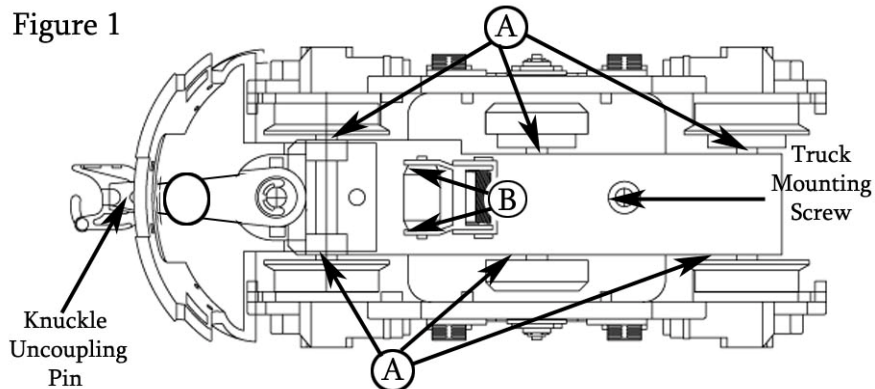


Bachmann Industries, Inc.  
1400 East Erie Avenue, Philadelphia, PA 19124 USA  
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## E7A DUMMY DIESEL LOCOMOTIVE INSTRUCTIONS

Thank you for purchasing a Williams by Bachmann® locomotive. This locomotive has been manufactured to provide years of use and enjoyment. Please follow the simple instructions below.

Before operating, please lightly lubricate the points shown in the diagram below. Do not over-lubricate and take extra care to avoid getting lubricants on the wheel surfaces.



1. For the axles and coupler pivot points **Marked A**, we recommend that you lubricate with a small amount of light oil such as Bachmann E-Z Lube® #99984 Light Gear Oil. **Do not over-lubricate.**
2. For areas that require electrical flow, such as roller pick-ups **Marked B**, please use Bachmann E-Z Lube® #99981 Conductive Contact Lube. **Never use any Teflon® based oil on these areas because this type oil has insulating properties.**

## **OPERATION**

After unpacking the locomotive, make sure that the uncoupling plunger is in the correct position with the pin inserted in the knuckle (see figure 1). Failure to do so will allow the uncoupling plunger to contact the center rail and a direct short will occur when power is applied to the track.

### **Uncoupling**

This dummy locomotive is equipped with an operating knuckle coupler at the pilot end. The rear end of the locomotive has a fixed coupler, to allow close coupling with the matching powered unit. To uncouple, position the uncoupling plunger over the center of electro-magnetic track uncoupling section and activate the magnet.

## **PERIODIC MAINTENANCE**

### **Disassembly Instructions**

You will have to remove the body shell for bulb replacement, or to install a power upgrade kit. The body shell is attached with four screws on the bottom of the locomotive frame. The screws are located in each corner of the frame. After removing the four screws, you will need to **GENTLY** spread the body skirt that covers the fuel tank to release the body from the molded fuel port on the side of the fuel tank. When you re-attach body shell, please be careful not to over-tighten the screws.

### **Lubrication**

We recommend that you lubricate as directed on page 1 every 10 hours of operation.

### **Light Bulb Replacement**

This locomotive uses a 12 volt bayonet style bulb. The standard replacement bulb number is 53.

### **Power Upgrade Kit**

A power upgrade kit, Williams by Bachmann® #00243, is available to convert this dummy unit into a powered unit. Please follow the installation instructions that are included with the kit.



by BACHMANN

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Part Number	Description	Number Used
<b>E7 DUMMY A UNIT BODY &amp; BODY PARTS</b>		
1027-E003	Body Shell - complete	1
<i>1-30100DFT</i>	<i>Screw(Mounts Body to Frame)</i>	4
293-04-01	Ornamental Horn	2
1027-03-01 / 1027-03-02	Upper / Lower Headlight lens	1 each
309-01-01	Red Marker Lens	2
1027-X004R1	Windshield	1
1027-X003	Cab Window Glass	2
1027-X002	Side & Rear Window Glass	7
1027-M001R5E	Metal Chassis	1
315-05-01	Fuel Tank	1
<i>1-25060DPS</i>	<i>Screw(Mounts Fuel Tank to Frame)</i>	4
<b>TRUCK PARTS</b>		
293-10-02B	Truck Mount	2
293-M023FR1	Flanged Wheel	8
293-M12B	Unflanged Wheel	4
293-M029NR5	Axle	6
1-30060DPM	Truck Mounting Screw	2
293-E001	Operating Coupler Assembly	1
343-06-01	Non-Operating Coupler	1
<i>885-M013R1</i>	<i>Spring for non-operating coupler</i>	1
<i>1-26060DPWM</i>	<i>Mounting Screw for non-operating coupler</i>	1
1027-02-01	Pilot	1
1-30180DFM	Pilot / Rear Ladder Mounting Screw	2
322-E003	Roller Pickup Assembly	1
322-08-01	Top Insulator for Roller Pickup	2
322-08-02	Bottom Insulator for Roller Pickup	2
1-26180DPM	Roller Pickup Mounting Screw	2
330-05-01	Sideframe - Left	2
330-05-02	Sideframe - Right	2
293-M021B	Front Truck Ladder	1
1027-M003R3B	Rear Truck Ladder	1
1-30060DPM	Mounting Screw for sideframe & Front Truck Ladder	10

See Diagram on opposite side for identification. Parts shown in Italics are not illustrated.

# E-7 A (dummy) Parts Identification Chart

