



Bachmann Industries, Inc.
1400 East Erie Avenue, Philadelphia, PA 19124 USA
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O-27 ALCO 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.

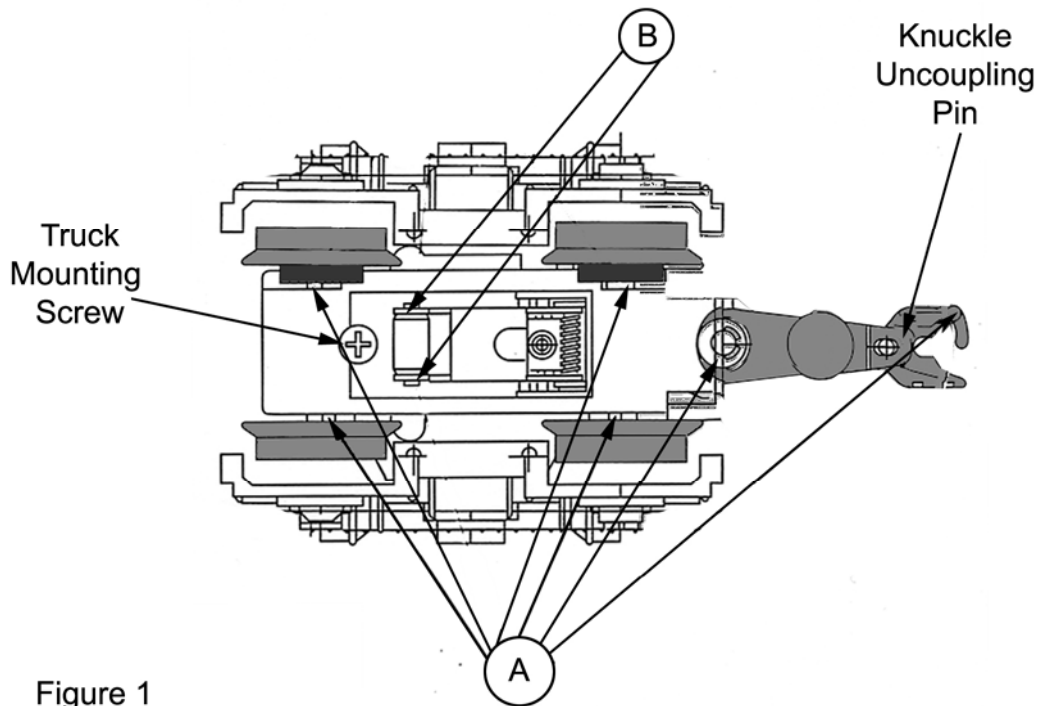


Figure 1

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. 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 grain of wheat bulb.



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Part Number	Description	Number Used
O-27 ALCO BODY & BODY PARTS		
2072-02-01	Die-Cast Chassis Complete	1
<i>I-30180DPA</i>	<i>Body Mounting Screw(Front)</i>	2
<i>I-30100DPB</i>	<i>Body Mounting Screw(Rear)</i>	2
2072-E002	Body Shell Complete	1
2072-E003 /E004	Number Board - Right & Left	1 each
2072-E007	Ornamental Horn & Bracket	1
2072-03-02	Headlight Lens	1
2072-03-07	Porthole Lens	7
1028-03-05	Headlight lens	1
2072-03-07	Windshield	1
2072-M003	Rear Ladder	1
TRUCK PARTS		
293-M023FR1	Flanged Wheel	8
293-M029NR5	Axle	4
I-30140DPM	Truck Mounting Screw	2
293-E001	Operating Coupler Assembly	1
293-M017	Coupler Mounting Bracket	2
293-07-01B	Non-Operating Coupler	1
<i>885-M013R1</i>	<i>Spring for Non- Operating coupler</i>	<i>1</i>
<i>I-26060DPWM</i>	<i>Mounting Screw for non-operating coupler</i>	<i>1</i>
293-E002R1	Roller Pickup Assembly	1
293-01-02	Top Insulator for Roller Pickup	2
293-01-03	Bottom Insulator for Roller Pickup	2
I-26220DPM	Roller Pickup Mounting Screw	2
1028-04-01	Sideframe	4
I-30060DPM	Sideframe / Bolster Mounting Screw	12
293-M013R1B	Truck Bolster	2
293-10-03BR1	Truck Mount	2

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

O-27 Alco (Dummy) Part Identification Chart

