



# DD40X DIESEL

## WITH BLINKING LIGHT



### INSTRUCTIONS

#### LUBRICATION AND MAINTENANCE

Proper lubrication is important BUT IT MUST NOT BE OVERDONE. Your local Hobby Dealer will recommend the proper lubricant. Grease is recommended for gears and lightweight oil for axles and bearings. Apply oil by dipping the end of a toothpick into the oil and applying just one drop to wheel bearings of cars, locomotive and side rod screws of steam locomotive. Wipe off excessive oil. Too much lubrication can cause slipping drive wheels or even a short circuit. LUBRICATE CAREFULLY. BE SURE LUBRICANT IS COMPATIBLE WITH PLASTIC. Check for any dirt or lint between the brush and armature, and also between the pick-up strip and wheels which can cause a "jerky" operation.

#### BREAK-IN PERIOD

Like any fine piece of machinery, your precision engineered BACHMANN Trains will work best after a few hours of actual running time. Do not run at full speed. Frequent starts and stops and running at various speeds will assure you many years of trouble-free running.

#### TROUBLE-SHOOTING TIPS

1. If your locomotive doesn't run, check the following:
  - a. Check that the power pack is plugged in;
  - b. Check that the track is wired properly;
  - c. Make sure all locomotive wheels are on the track.
2. If your locomotive doesn't run, but the headlight glows, you may not have your track connected to the DC TERMINALS on the power pack.
3. Keep your track and the metal wheels of the locomotive clean with track cleaner. Dirt will cause your locomotive to run erratically. DO NOT USE STEEL WOOL.

#### TO ORDER SPARE PARTS

See your Hobby Dealer first.  
If not available thru him...

**WRITE TO BACHMANN**  
**1400 E. ERIE AVENUE**  
**PHILADELPHIA, PA. 19124**

List part numbers required  
and send a check or money  
order for the cost of the  
parts plus 50¢ for postage  
and handling.

**Include a Self-Addressed  
Envelope and We'll Do the Rest**

#### SPARE PARTS LIST

STOCK NO.	DESCRIPTION	LIST PRICE	STOCK NO.	DESCRIPTION	LIST PRICE
3101	Light Emitting Diode	\$1.50 Each	3109	Screws (Set of 20 Pcs)	\$1.50 Set
3102	Printed Circuit Board Complete with Electronics and Lead Wires	5.50 Each	3110	Gear Train (5 Pcs)	1.50 Set
3103	Chassis Weight	0.30 Each	3111	Insulating Spacers (4 Pcs)	1.50 Set
3104	Chassis Underframe	2.50 Each	2301	Light Bulb	1.00 Each
3105	Truck Main Frame, Left and Right	3.50 Set	2021	Coupler	0.50 Pair
3106	Truck Outer Frame	2.50 Each	2953	Motor	8.00 Each
3107	Complete Set of Wheels for Non-powered Truck (4 Pairs)	2.50 Set	1997	Drive Wheel Traction Tyres	0.50 (2)
3108	Complete Set of Wheels for Powered Truck (4 Pairs)	3.50 Set	2960	Motor Armature	4.00 Each
			2959	Brushes, Springs and Contact Strips (6 Pcs)	2.50 Set
			3100	DD40X Diesel Shell	7.50 Each

### ALL BACHMANN LOCOMOTIVES HAVE A LIFETIME LIMITED WARRANTY

#### PLEASE NOTE: BREAKAGE FROM DROPPING OR MISUSE IS NOT COVERED BY THIS WARRANTY.

Bachmann Bros., Inc. will remedy any defect or malfunction occurring in the locomotive within the lifetime of the purchaser. This warranty does not extend to defects or malfunctions which are caused by damage (not resulting from the defect or malfunction) while the locomotive is in the possession of any consumer, or by unreasonable use (including failure to provide proper lubrication) while the locomotive is in the possession of any consumer.

This warranty is given in lieu of all other express warranties. All implied warranties, including but not limited to implied warranties of fitness and merchantability, shall expire one year from the date of purchase. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

Under no circumstances shall Bachmann Bros., Inc. be responsible for any incidental or consequential damages arising in regard to any Bachmann Bros., Inc. locomotive. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

In order to validate this warranty, the Owner Registration Card enclosed in your set must be completed and mailed within ten (10) days

after purchase of the locomotive to Bachmann Bros., Inc., 1400 East Erie Avenue, Philadelphia, Pa. 19124.

If warranty service is required within one year from the date of purchase, please send the locomotive, postage prepaid, to Bachmann Bros., Inc., 1400 East Erie Avenue, Philadelphia, Pa. 19124. Also, please write a letter explaining the nature of your difficulty and enclose it with the locomotive.

If warranty service is required after more than one year from the date of purchase, please send the locomotive, postage prepaid, with a check or money order (\$3.00 for diesel locomotives or \$5.00 for steam locomotives) to cover return postage and handling, to Bachmann Bros., Inc., 1400 East Erie Avenue, Philadelphia, Pa. 19124. Also, please write a letter explaining the nature of your difficulty and enclose it with the locomotive.

At the option of Bachmann Bros., Inc., the locomotive will be either repaired or replaced, except that if both repair and replacement are not practicable, then a refund of the purchase price will be made.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

In the event you have any questions concerning use and care of the locomotive or any complaints concerning service, please write: Bachmann Bros., Inc., 1400 East Erie Avenue, Philadelphia, Pa. 19124.

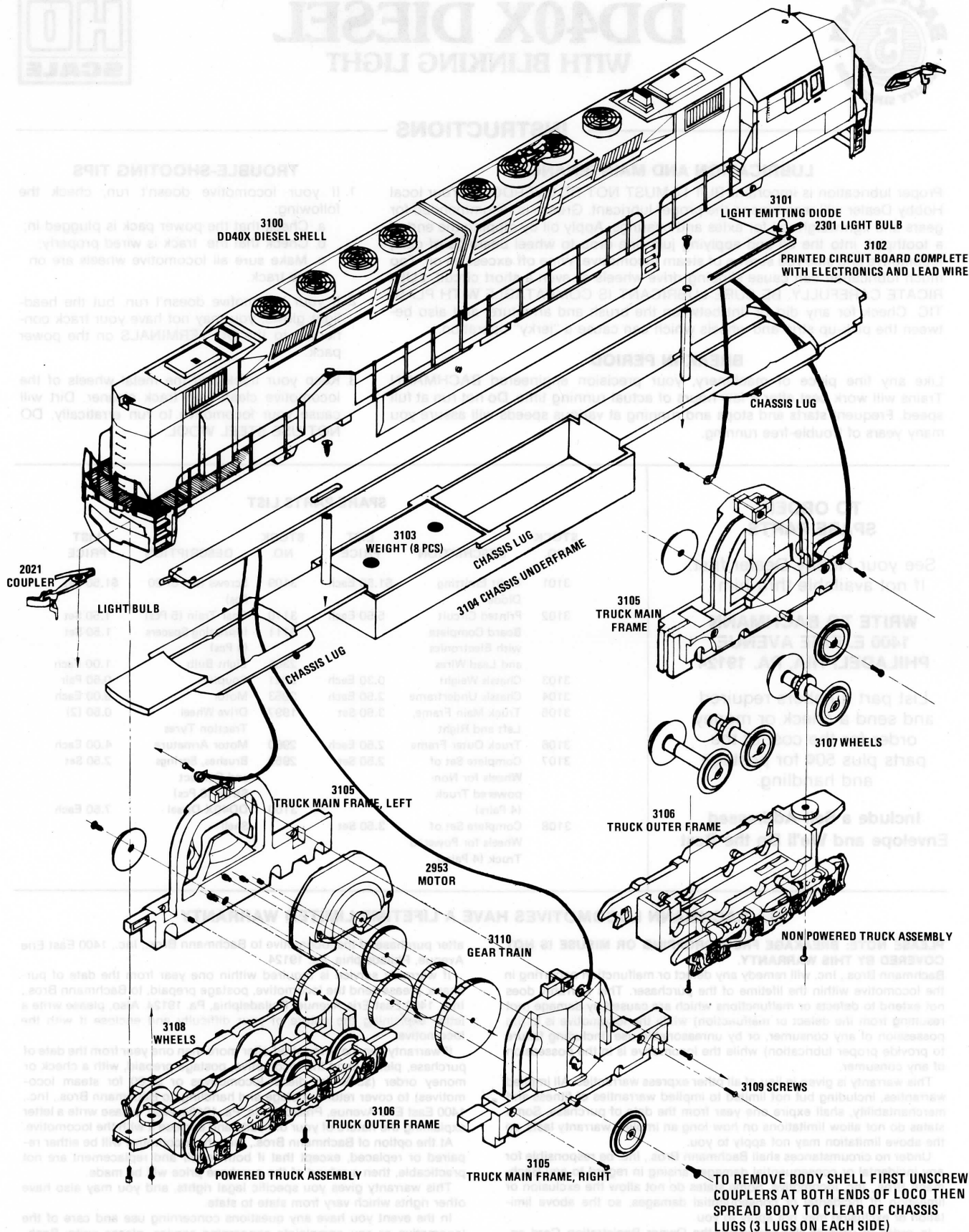


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## INSTRUCTIONS

### TROUBLE-SHOOTING TIPS

If your locomotive doesn't run, check the following:  
1. Is your locomotive back is plugged in properly?  
2. Is the track a wired properly?  
3. Are the track and locomotive on the same power source?  
4. Are the wheels of the locomotive clean?  
5. Are the wheels of the locomotive in contact with the rails?  
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**BACHMANN** 1400 E. ERIE AVENUE  
PHILADELPHIA, PA. 19124 U.S.A.