BACHMANN
QUALITY SINCE 1833

Spectrum

THE MASTER RAILROADER SERIES

44 TON SWITCHER

HO SCALE

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 COMPATABLE 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
6000	GE 44 TON SWITCHER BODY SHELL, DECORATED	$ 9.50 EACH
6001	DIECAST CHASSIS	3.00 EACH
6002	MOTOR WITH WORM	10.00 EACH
6003	TRUCK MAIN FRAME	1.00 EACH
6004	MOTOR COVER	0.50 EACH
6005	TRUCK SIDE FRAMES, LEFT & RIGHT	1.00 SET
6006	CONTACT PLATES, LEFT & RIGHT	1.00 SET
6007	DRIVER WHEELS (4 PCS)	2.00 SET
6008	GEARED WHEEL AXLES (2 PCS)	0.50 SET
6009	GEARS (4), PINS (4) AND SPACER (1)	1.50 SET
6010	SCREWS (15 PCS)	1.50 SET
6011	PRINTED CIRCUIT BOARD WITH DIODES	6.50 EACH
6012	HANDRAILS	2.00 SET
2021	COUPLER	0.50 PAIR
2301	LIGHT BULB	0.75 EACH

ALL BACHMANN LOCOMOTIVES HAVE A LIFETIME LIMITED WARRANTY

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

Bachmann Ind., 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 Ind., Inc. be responsible for any incidental or consequential damages arising in regard to any Bachmann Ind., 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 Ind., Inc., 1400 East Erie Avenue, Philadelphia, Pa. 19124.

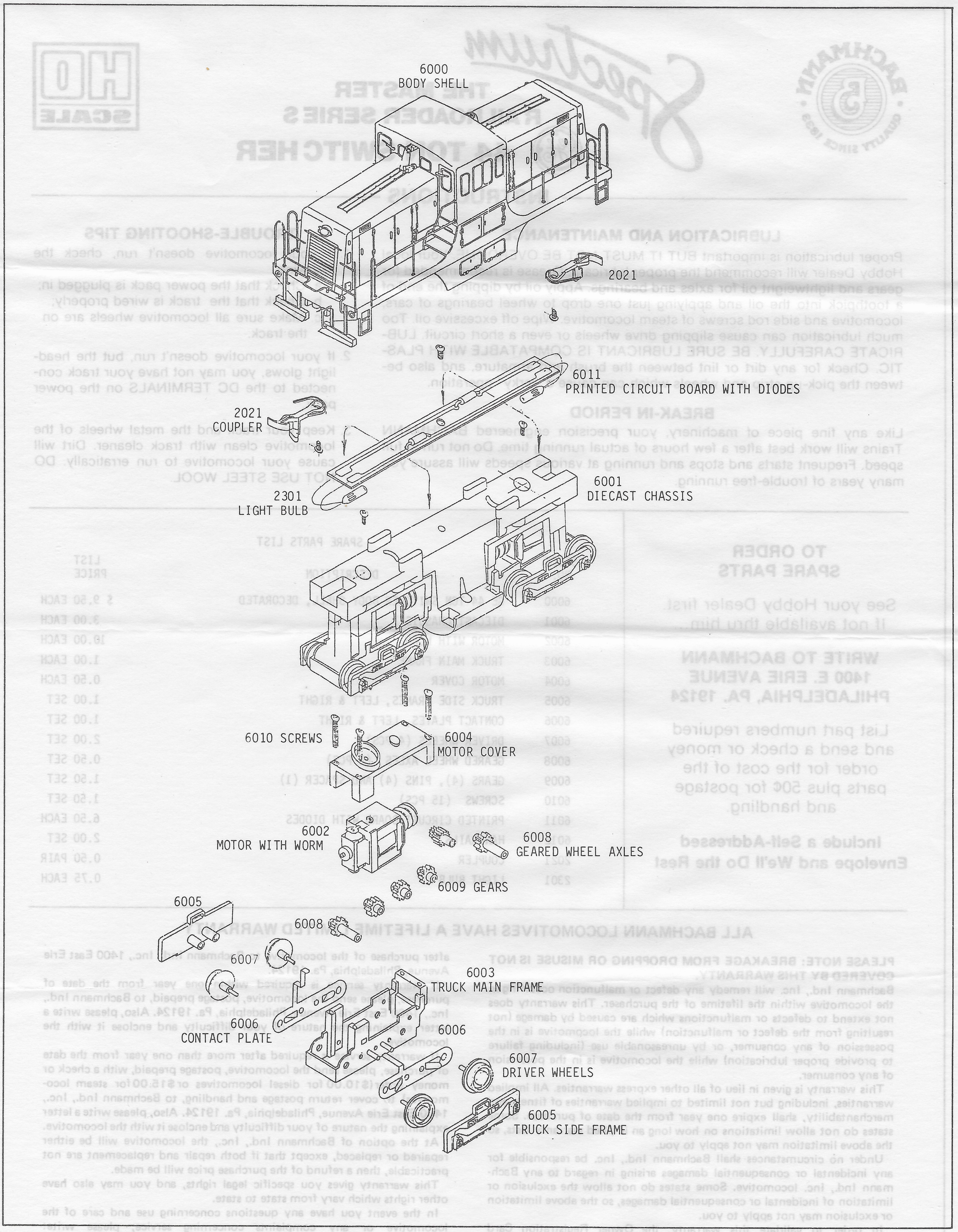
If warranty service is required within one year from the date of purchase, please send the locomotive, postage prepaid, to Bachmann Ind., Inc., 1400 East Erie Avenue, Philadelphia, Pa. 19124. Also, please write a letter explaining the nature of your difficulty and enclose it with the locomotive.

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 ($10.00 for diesel locomotives or $15.00 for steam locomotives) to cover return postage and handling, to Bachmann Ind., 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 Ind., 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 Ind., Inc., 1400 East Erie Avenue, Philadelphia, Pa. 19124.



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