



EMD F9 DIESEL



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

- If your locomotive doesn't run, check the following:
 - Check that the power pack is plugged in;
 - Check that the track is wired properly;
 - Make sure all locomotive wheels are on the track.
- 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.
- 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
2100	Chassis	\$2.00 Each	1997	Drive Wheel	
2021	Loco Coupler	0.50 Pair		Traction Ring	\$0.75 (6)
2101	Chassis Weight, Large	0.30 Each	1998	Idler Gears (2)	0.50 Set
2102	Chassis Weight, Small	0.25 Each	1999	Geared Drive Wheels	2.00 Pair
2105	Front Truck Assembly	3.00 Each	2130	Light Bulb with Lead Wire	1.00 Each
2106	Rear Truck and Motor Assembly	10.00 Each	1881	Brushes, Spring, Motor Retainer and Contact Plate	2.00 Set
1995	Front Truck Wheels	1.25 Pair	2104	Screws (Set of 9)	0.75 Set
1996	Contact Plates with Wire and Retainer (2) Left and Right	1.25 Set	2150	HO EMD F9 Diesel Shell, decorated	4.50 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.

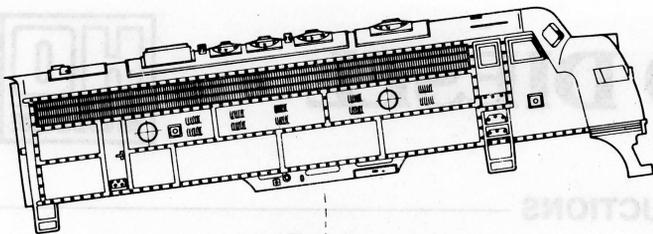
If warranty service is required after more than one year from the date of purchase, please send the locomotive, postage prepaid, with a check or money order (\$3.00 for diesel locomotives or \$5.00 for steam locomotives) to cover return postage and handling, to Bachmann Bros., Inc., 1400 East Erie Avenue,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

EMD F9 SHELL

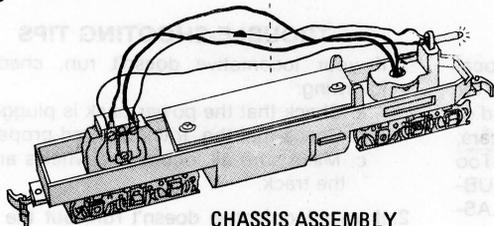


To remove body shell, spread center.

To detach rear power truck, unscrew motor retainer. Twist the truck firmly with force to the side of the chassis until the motor lugs clear the obstruction from the chassis. Then pull the truck downward. Motor lugs are on both sides. Do one side at a time.

IMPORTANT: Be careful not to damage motor brush contact spring.

To replace truck, just snap it back into chassis.



CHASSIS ASSEMBLY

2104
SCREWS (SET OF 9)

2101
CHASSIS WEIGHT, LARGE

2102
CHASSIS WEIGHT, SMALL

2103
16 VOLT LOCO BULB WITH
LEAD WIRE

2021
LOCO COUPLER

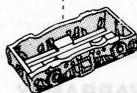
2021
LOCO COUPLER

CHASSIS 2100

2105
FRONT TRUCK ASSEMBLY

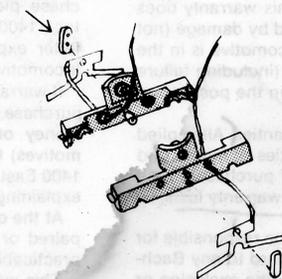
2106
REAR TRUCK AND
MOTOR ASSEMBLY

2105
FRONT TRUCK COVER PLATE

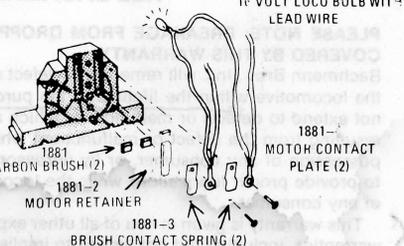


2106-2
REAR TRUCK COVER PLATE

1996-1
CONTACT PLATE RETAINER



1996
CONTACT PLATE WITH WIRE AND RETAINER (2)
LEFT AND RIGHT



2103
16 VOLT LOCO BULB WITH
LEAD WIRE

1881
MOTOR CONTACT
PLATE (2)

1881
CARBON BRUSH (2)

1881-2
MOTOR RETAINER

1881-3
BRUSH CONTACT SPRING (2)