

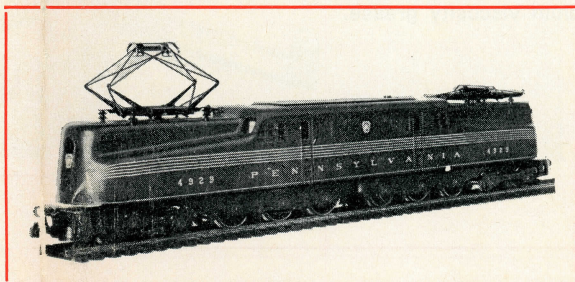


**ASSOCIATED HOBBY  
MANUFACTURERS, INC.**

5160-B PRR (red)  
5160-C PRR (green)  
5160-D Amtrak  
5160-F A.R.R.C.B.  
5160-H PRR (silver)  
5160-J Penn Central  
5160-K Amtrak (black)

# RIVAROSSA

## 2-C-C-2 G.G.1 ELECTRIC LOCOMOTIVE



The 139-unit GG1 fleet was built, for P.R.R., during a ten-year period commencing in 1934. No one has ever put together a single-unit locomotive that can match the all-powerful GG1's get-up-and-go capacities. These fabulous twelve-motored streamliners pack a short-time maximum of 8,500 horsepower which is available in starting. Highspeed prowess includes 4,620 continuous horsepower at 100 miles per hour. It's a routine performance for them to effortlessly whisk 18-car limiteds between New York and Washington at ninety-miles-an-hour top cruising speeds. Many trains gobble up the 226 catena-

ry-hung miles in 215 minutes including five intermediate station stops. Harrisburg-bound runs travel at a «moderate» 75 MPH.

Without a doubt the GG1's are the most famous and successful fleet of electric motive power in the world.

Wheel Arrangement . . . . .	2-C+C-2
Horsepower . . . . .	4620
Total Motors . . . . .	Twelve
HP per Motor . . . . .	385
Wt. per Axle . . . . .	50,500 lbs
Con. Speed . . . . .	100 MPH
Length . . . . .	79' 6"

### MAINTENANCE OF THE MODEL

Fig. 1

To remove the locomotive body for maintenance purpose:

Force slightly outwards the two body sides in order to disengage them from the lateral locating pegs (1); lift the body from frame (2).

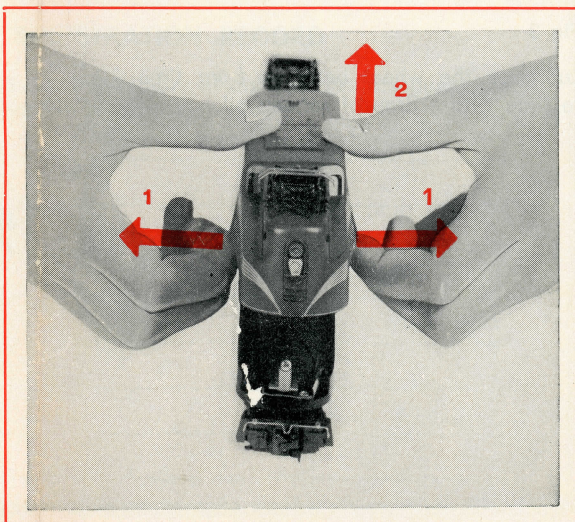




Fig. 2

To replace the motor or for lubricating the transmission gear:  
Pull off the retaining fork (1); slip off the motor from power truck (2).  
Lubricate the transmission gear with medium viscosity grease.

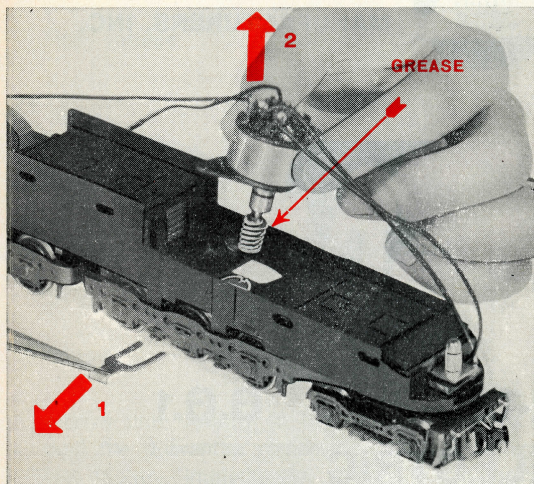


Fig. 3

Lubricate the wheel bearings from time to time with a drop of refined oil.

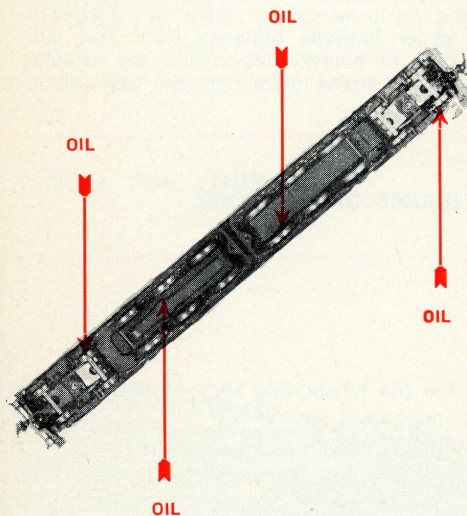
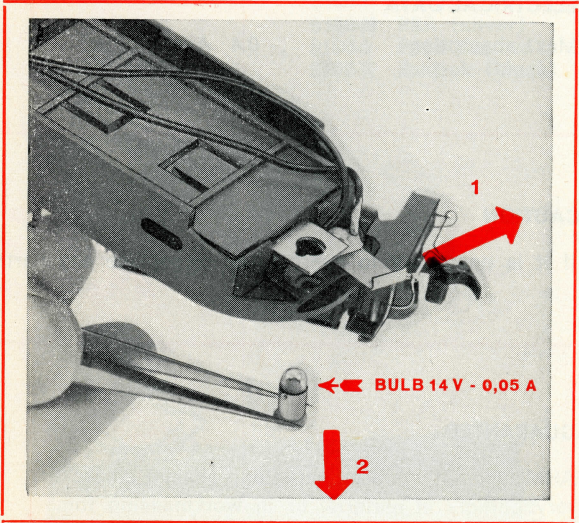




Fig. 4

For replacing the bulbs move the bulb contact blade rotating if forwards (1). Slip off from the bulb holder the bulb to be replaced (2).



please address your correspondence to:

Associated Hobby Mfrs. Inc.  
425 East Tioga St.  
Philadelphia, Pa. - 19134  
Attn: Service Department

**MANUFACTURER'S REGISTRATION RECORD**

Complete the information requested below. Mail to factory at once to validate guarantee. The guarantee is VOID if this card is not on file at factory.

Your Name .....

Street .....

City .....

Model, Number & Description .....

Date Purchased .....

Dealer's Name .....

Street .....

City .....



## ELECTRICAL DATA

Max. absorption . . . . . 0.4 Amp.

Max. voltage . . . . . 12 V d.c.

## CAUTION

If it is necessary to overhaul or to replace any parts contact your local AHM parts depot.

## GUARANTEE

AHM locomotives are guaranteed against all factory defects in **material** or in **workmanship** for one year from the date of purchase. All locomotives have been thoroughly track-tested. AHM's guarantee will be void if the locomotive has been subject to misuse or accident, or if a repair or alteration has been made by other than an AHM parts depot or by the AHM factory.

AHM's guarantee does not apply to electric light bulbs used in headlights, or to finishes on the locomotives, except where defects can be proven to have occurred at the time of manufacture. If you live in an area where no local AHM parts depot exists, you may return any de-

fective unit directly to the factory. Be sure to mail the guarantee registration card directly to the factory immediately. AHM's guarantee is void if it is not on file at the factory.

## SERVICE AND REPAIR NOT COVERED BY GUARANTEE

If you live in an area where no AHM parts depot exists, and you wish to have the unit or units repaired at the factory, be sure to carefully pack the unit, and include a money order or check for \$2.50 to cover minimum factory service and handling charges. The \$2.50 will cover all minor repairs, any necessary adjustments, the repacking and return postage to you.

## ANOTHER AHM - **RIVAROSS** IMPRESSIVE MODEL FOR YOUR PIKE

### Articulated locomotive USRA 2-8-2

5090-B PRR

5090-C Santa Fe

5090-D Norfolk & Western

