

LIONEL SERVICE MANUAL

NO. 175 ROCKET LAUNCHER

Lionel's pocket Cape Canaveral was introduced in 1958. In spite of its size and the variety of functions performed, it is relatively simple and trouble-free.

As shown in the schematic diagrams, 9 to 12 volts A.C. is supplied to the two binding posts on the platform; one of these posts is grounded to the platform and the other is connected through the cable to the terminal strip in the controller. The controller buttons select power for the gantry motor and the launching device. One lamp lead is also connected to this strip. The other side of the lamp is grounded through the metal structure.

The vibrating-armature motor is of the same type which powers several other Lionel accessories and is fully described in section ACC-464 of this manual. If it becomes necessary to replace the drive line eyelet, solder it in place using acid core solder. The eyelet must be perfectly tight and the swaging operation used in production is difficult without power tools. Don't crimp the drive line in the eyelet before soldering or it will melt.

The timer escapement is simple and rugged and should not be disassembled or lubricated. The controller should be used on a firm smooth surface because the "flapper" is seated in a hole in the base and can be slowed or stopped by pressure from the nap of a rug or the like.

