

LIONEL SERVICE MANUAL

NO. 614 SWITCHER

No. 614 Switcher, built in 1959, was modeled on a specially adapted SW1200 EMD switcher owned by the Coos Bay Lumber Company. To convert this locomotive to required dynamic braking the locomotive's air reservoirs were moved to the top of the hood to make room for larger fuel tanks and the dynamic brake fan and grids were installed ahead of the cab.

Lionel's model of this locomotive was built with double-wound motor (with two-position reverse), driving a one-magnet power truck. The couplers were non-operating and only the rear coupler was self-centering.

The major components of this locomotive are illustrated below. For detailed breakdown of the trucks and for details of the motor mounting and assembly consult previous pages.

