



GENERAL INFORMATION

This 1:20.3 model is a replica of 3-foot gauge Davenport Locomotive Works Diesel-mechanical locomotive built for the Sumpter Valley Railway in 1937 as their #101. Davenport manufactured many different types of Diesel-mechanical and steam locomotives. The #101 weighed 30 tons and was powered by a 200 h.p. Caterpillar D-1700 engine.

In 1963 the Sumpter Valley railway sold #101 to the Denver & Rio Grande Western where it was re-numbered #50 and was then used to switch cars in the yard at Durango, Colorado. The #50 was then donated to the Colorado Railroad Museum in Golden, Colorado and is now on display at this museum.

The Davenport Locomotive Works locomotives were used by logging companies to switch cars at sawmills, by mining companies to haul ore cars between mines, stamp mills and smelters and in steel mills and other industries.

Your model is a highly detailed model of the prototype. It is made of steel and brass and will give years of service. The model has a powerful motor and is driven through a gearbox and runs smoothly and quietly.

The D&RGW #50 will be perfect for switching cars on a Rio Grande layout or you can use the non-D&RGW version on a logging, mining or industrial layout or to haul rocks.

OPERATION & MAINTANCE

- The model as built and configured for DC 0-24 volt analog operation.
- The light bulbs are 6.0 volt. diodes
- The Gear box is made by Northwest Shortline and will need the usual lubrication of plastic compatible grease very few hours of operation.
- The motor will need a drop of light weight oil on each end of the motor armature shaft for every few hours of operation. Be sure to put a drop of oil on each axle bearing and a drop of oil on each crankpin main rod bearing.
- Never over oil as this will simply make a mess and attract dirt.
- The electrical pickups will need to be cleaned periodically as will the back side of the wheels where the contacts rub.
- The body will lift off the frame by removing the hex bolts under the parameter of the cab and the hood.
- Be sure when reassembling that no wiring gets pinched causing a short circuit and damaging any electronics in the unit.
- The coupler pockets are designed to accept Kadee couplers and pins are supplied to drop in and secure the couplers.