



P.O. BOX 231 NORTHUMBERLAND, PA 17857 PHONE (717)473-9434 FAX (717)473-3293
e-mail: qcweaver@ptd.net web address: www.weavermodels.com

UNION PACIFIC 49er 4-6-2 2-RAIL OPERATING INSTRUCTIONS

(Please read carefully before operating)

Congratulations on the purchase of the Union Pacific Forty-Niner 4-6-2 Steam Engine, an outstanding 1/4" scale handcrafted reproduction decorated in the colorful yellow, brown and red livery. Because the engine is hand assembled with sheet and cast brass parts, please take care in handling the unit to prevent any accidental damage.

The Union Pacific Forty-Niner has been tested and greased before leaving the factory and is ready-to-run on any 28" radius (or larger) O Gauge layout. **However, it is recommended that all moving parts be lubricated with household oil before operating to prevent squeaks and enhance performance.** A drop or two of oil on the linkage assemblies and axles on both the engine and tender should be sufficient.

The tender contains a electronic directional backup light board which has a plug that must be inserted into the receptacle at the back of the cab.

The engine is also equipped with an operating smoke unit and is wired with an ON/OFF switch so that the engine can be operated with the smoke off. This switch is located under the cab just above the trailing truck. **Whenever the engine is operated without smoke fluid, the ON/OFF switch should be in the off position or the smoke unit will heat up and could eventually burn out.** To add fluid, simply pour a few drops on the enclosed smoke-fluid (or any other brand) into the stack and apply power to the track. After several seconds, the engine will begin smoking.

The engine and tender should be maintained periodically to insure proper operation and performance. All moving parts should be oiled after every 25 hours of operation. On heavily used engines, bearing grease (or a similar lubricant) should be added to the gear box, located between the blind drivers on the drive train. To add grease, remove the four small Phillips screws on the inspection cover and insert the grease using a screw driver. Reassemble and run the engine as normal.

The engine comes with a limited one-year warranty and contains a replacement package of screws and smoke fluid for your convenience. Should you need additional parts or service, contact our factory at the above address.