



**DOCKSIDER
O-6-OT
DIE-CAST LOCOMOTIVE**

OWNERS MANUAL



1:29 Scale

**USA TRAINS
P.O. BOX 100
MALDEN, MA 02148
USA
www.usatrains.com**



Dear Customer,

Congratulations on your purchase of this accurately detailed replica of the Docksider steam locomotive.

The Engineering and Design staff at USA Trains has spent many hours reviewing blueprints and developing a steam locomotive that looks authentic and will provide you with many hours of operating enjoyment. We believe that our customers deserve an accurately detailed die-cast model and strive every day to provide you with the latest technologies that give more "realism" at a reasonable price. This locomotive will enhance the appearance of any modeler's railroad.

Please read the following instructions which will help you understand and operate the numerous features of this locomotive.

Happy Railroading
USA TRAINS



HISTORY OF THE DOCKSIDER STEAM LOCOMOTIVE

The Docksider O-6-OT Steam Locomotives were developed in the early 1900's to operate chiefly in heavy industrial operations throughout America. Many were used around the docks where ships would bring cargo to port. These loco's transported the ship's cargo to the main freight yard where cargo was to be sent on its way behind the larger steam locomotives. Hence, the name of these small, powerful locomotives became known as the "docksider." They were not limited to dock usage, many were used by various industries to perform operations such as haul ore for steel plants or haul coal from the coal mines. These powerful locomotives could operate in tight areas so they performed many different functions.

The accurate reproduction of this locomotive by USA Trains will allow the modeler to have his favorite railroad Docksider running among the other locomotives on his/her railroad.

LIMITED ONE YEAR WARRANTY

This USA Trains locomotive is warranted for one year from the date of purchase against defects in material or workmanship. We will repair or replace (at our option) the defective part without charge for parts or labor within one year of the original date of purchase provided the warranty registration card has been received by USA Trains. This warranty does not cover items that have been abused or damaged by careless handling or improper operation such as a train derailment, modification or repair by non-factory technicians. Parts that "wear out" due to excessive use are also not covered under warranty. USA Trains reserves the right to determine "excessive use". Transportation costs incurred by the customer are not covered under this warranty.

SERVICE SHIPPING INSTRUCTIONS

This locomotive is built with pride by USA Trains and is covered by a limited warranty. (See limited warranty terms). Please follow these instructions carefully before sending your locomotive for service:

1. Return locomotive in its original box with the proper foam inserts and then pack the original box in a proper shipping carton so it is well protected in shipment. The package must be fully insured and prepaid. USA Trains is not responsible for damage or loss during shipment.
2. Include a note explaining the problem and servicing you need performed. Be sure to include your name, street address, (NO P.O. BOXES PLEASE) City, State, Country (if outside U.S.A) and zip code along with a daytime phone number including area code. If the locomotive service is not covered by warranty, a reasonable service fee will be charged. For any locomotives to be returned outside the continental U.S.A., please include \$30.00 U.S. currency to cover return postage.
3. Ship your item to:

USA TRAINS
662 CROSS STREET
MALDEN,
MA. 02148

MAINTENANCE

LUBRICATION

Your locomotive was lubricated at the factory and under normal operating conditions will not need to be lubricated during the first 50 hours of operation. The locomotive has three lubrication points. (See diagram below)

1. Siderod/valve gear lubrication.

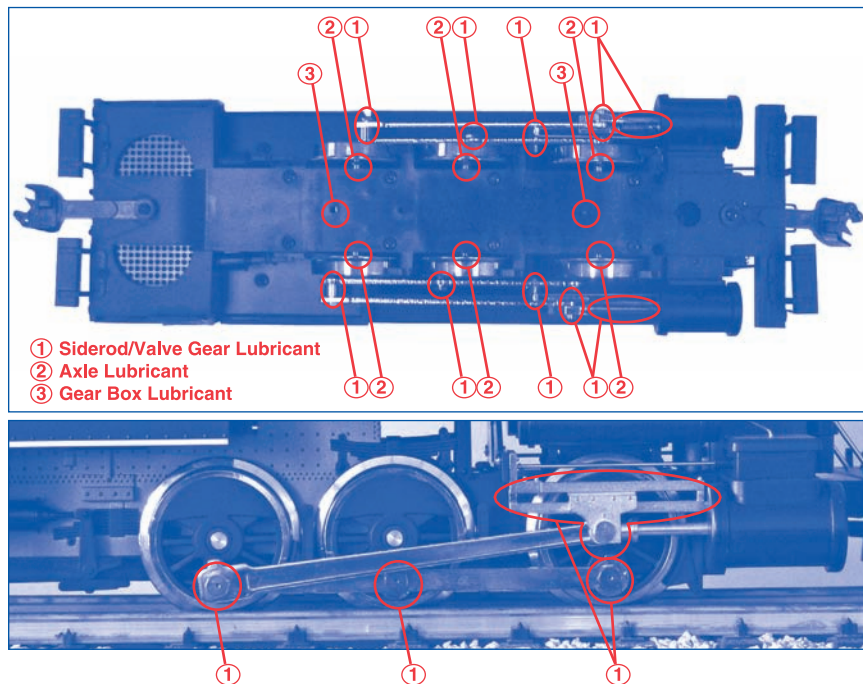
Periodically apply a few drops of light oil such as Hob-e-lube (#HL653) to each of the pivot points of each siderods. (See diagram below) Also, apply a light coat of oil to the valve gear so it slides back and forth freely.

2. Axle lubrication.

Two drops of oil should be placed on all six contact points where drive wheel axles enter each gearbox.

3. Gearbox lubrication.

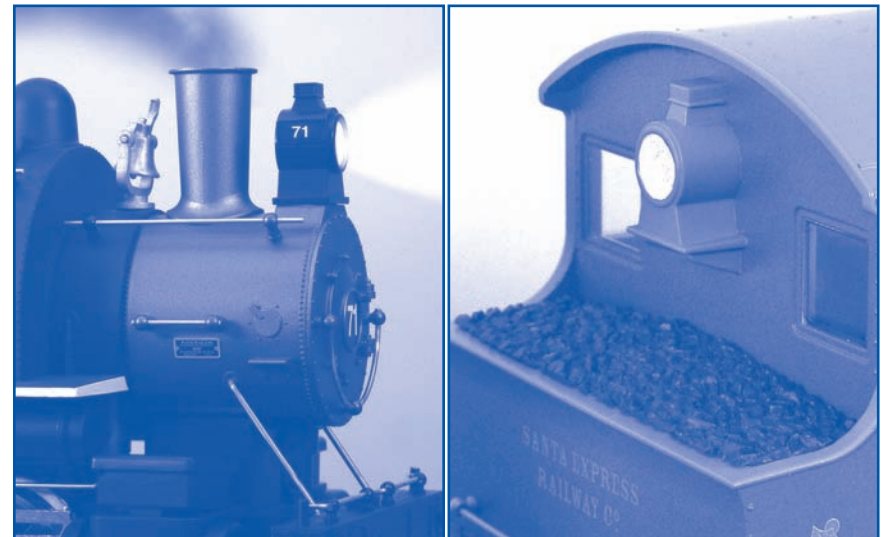
Under normal operating conditions, the gearbox should be lubricated after each 100 hours of operation by first removing the two screws in the bottom of the gearbox (see diagram below for location of screws) and then applying moly grease by Hob-e-lube into the hole. As you apply grease into the hole, rotate the wheels to spread the grease onto all the gears.



FEATURES

Dockside Locomotive Features:

- Accurately detailed die-cast metal construction
- Operating smoke stack
- Operating headlight, cab light, & directional back-up light
- Die-cast spoked drivers with nickle plated rims
- Metal drive rods
- Metal hand rails
- Brass bell
- Brass whistle
- Detailed builders plate
- Simulated coal load



OPERATION

POWER REQUIREMENTS

The locomotive is designed to operate on direct current (DC) with outputs of 0-24 volts.

CONTROL SWITCHES

The locomotive contains four switches to operate the on/off lights, on/off sound, on/off motor, and on/off smoke generator. The control switches are located under the coal load in rear of locomotive. (See below)



CAUTION! To prevent smoke generator burnout and to extend its life, never run the locomotive without smoke fluid in the smoke generator. If no smoke fluid is in the smoke generator, switch the smoke switch to the "off" position. For more information, see smoke generator operating instructions.

SMOKE GENERATOR

The locomotive is equipped with a Sync-Ro-nized smoke generator that produces steam exhaust synchronized to the axle rotation of the driving wheels. The smoke generator requires periodic addition of smoke fluid in order to operate properly. To add smoke fluid, add approximately 20 drops of USA Trains smoke fluid (part number R50001) into the smoke stack. Remember less is better - do not overfill the smoke unit and promptly wipe up any excess smoke fluid that may have spilled onto any painted surfaces. You can now begin operation. Smoke production will begin when the fluid becomes heated. It may take longer to generate the smoke if the unit is full.

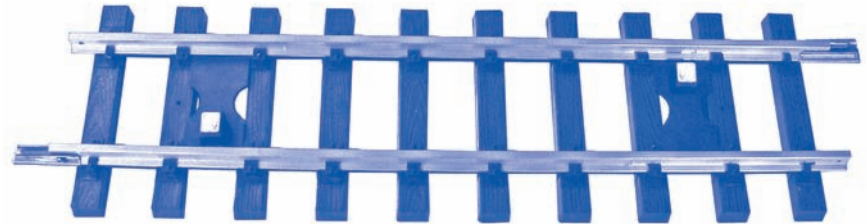
We suggest you switch the smoke switch to the "OFF" position if no fluid is going to be added. This will extend the life of the smoke generator. By following these directions, the smoke generator will provide many hours of enjoyment and enhance the realistic operation of your locomotive.

SOUND SYSTEM

The locomotive is equipped with a Sync-Ro-nized sound system with "chuff", bell, and whistle sounds. The sound of steam "chuff" is automatically turned on upon movement of the locomotive and is synchronized to the axle rotation of the drive wheels. The whistle and bell are activated by magnetic reed switches which are triggered by magnets placed along your track. These reed switches are located on the bottom of the locomotive near the center driver. Magnets must be positioned inside the two rails of your track to line up with these reed switches to activate the bell or whistle. Two magnets are provided which "snap" between the rails of USA Trains track. Position each magnet on your track where you desire the whistle or bell to sound.

Note: Bell and whistle sounds are designed for loco operation under 17 volts. Any loco speed over 17 volts will not sound the bell or whistle.

Magnet on engineer's side of track will sound whistle.



Magnet on fireman's side of track will sound bell.



USA Trains

**"For those who demand the best
...and know the difference"**