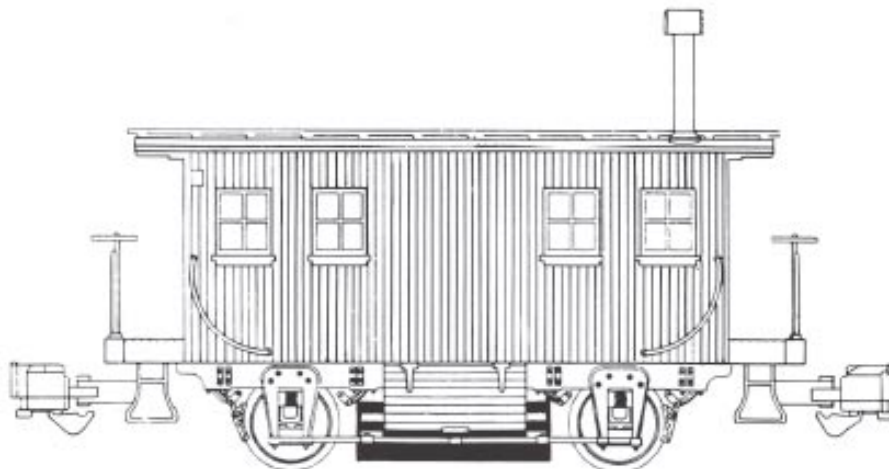


#1
Gauge 1:29
SCALE

TRACK CLEANING CAR

INSTRUCTION MANUAL

ART-46950-01



ARISTO-CRAFT TRAINS

112294 NEW

INTRODUCTION

Dear Model Railroader:

This product is a highly detailed #1 GAUGE 1/29th Scale Model Railroad OPERATING TRACK CLEANING CAR. Suitable for both INDOOR and OUTDOOR operation, it realistically portrays a North American style prototype TRACK CLEANING CAR, based upon our research and on documented Official Blueprints referenced to standard Association of American Railroads (AAR) recommended practice.

Should you have any questions about operations, proper usage, or maintenance required on this freight railcar or any other ARISTO-CRAFT TRAINS #1 GAUGE 1/29th Scale Model Railroad product, please contact us at the following address:

ARISTO-CRAFT TRAINS PHONE: 973-351-9800
698 SOUTH 21ST STREET FAX: 973-351-9700
IRVINGTON, NJ 07111 EMAIL: aristo@mindspring.com
www.aristocraft.com

Our phone lines are open from 10:00 AM to 5:00 PM (EASTERN STANDARD TIME) Monday through Friday

The following instructions are intended to help you understand and operate all the features built into this product.

Good Railroading!!!

The TRACK CLEANING CAR utilizes a 4-wheel Wooden Caboose of the mid-1800's to early 1900's era. Prototype examples of this style railroad equipment were developed by the Speno Rail Grinding Company USA for use on America's railroads.

Originally, this equipment was used to grind the rail to reprofile areas of excessive rail wear such as curves and on steep grades. This process extended the life of the rail and allowed for increased efficiency on America's railroads. While the prototype was usually a complete rail-grinding train with various railcars, the ARISTO-CRAFT TRAINS OPERATING TRACK CLEANING CAR continues the basic principles of proper track maintenance.

WORKING FEATURES

Operating AAR-design knuckle couplers.
BLACK Metal Wheels with sprung axles.
Removable Abrasive Cleaning Pad.

EXTERIOR DETAILS:

~~Simulated Brass-color~~ plastic Grab Railings.
Simulated WOOD-GRAIN sides, ends, and walkways.
Fully detailed Underframe.
Clear Plastic Windows with wood trim.

FEATURES

OPERATION:

ART-46950 series TRACK CLEANING CAR may be operated as single car or as part of a train consist *pulled* by locomotive. Depending upon track alignment, it may also be possible to push TRACK CLEANING CAR in front of locomotive.

Regardless, proper diligence is required when operating TRACK CLEANING CAR to avoid derailments at switch tracks or where close clearance is evident.

UNDERFRAME:

The underframe unit is molded of a thermal plastic which reproduces all side and journalbox detailing.

The metal axles/wheelsets on this model are designed exactly like the prototype freight railcar, and use springs for equalization to act as a shock absorber and cushion the ride. The TRACK CLEANING CAR does not use plastic wheel sets.

COUPLERS:

Loop-style couplers are enclosed as a spare accessory. The operating knuckle couplers (ART-29200) on all ARISTO-CRAFT TRAINS freight railcars are designed based upon the AAR-style knuckle used on all major North American Railroads.

NOTE: However, these knuckle couplers may not operate automatically when attempting to couple ARISTO-CRAFT TRAINS products to knuckle couplers used by other model railroad manufacturers. Knuckle couplers may have to be joined by manually coupling the knuckle on each car in a closed position by lifting one end coupler and inserting the closed knuckle onto the ARISTO-CRAFT TRAINS knuckle coupler.

This type knuckle coupler works equally well from either end of the freight railcar and can be uncoupled automatically by using an LGB* designed uncoupling device. The knuckle couplers may also be operated manually by pressing upward on the small tab below each knuckle coupler assembly. The knuckle coupler can be pushed away to any side if you wish the railcar not to couple automatically when the railcars come together. However, DO NOT attempt to operate in train without the knuckle couplers properly aligned and fully coupled to opposite railcar/locomotive. Otherwise, railcar(s) may derail on curves or switch tracks.

Should you prefer to use the Loop-style coupler, this conversion can be made easily and quickly by unscrewing the single screw that holds the AAR knuckle coupler to the truck arm and attaching the Loop-style coupler using the same screw.

Both style couplers are attached to truck arm at a swivel base. When operating railcar, this enables coupler(s) to articulate when encountering sharp radius curves or switches. Couplers will center automatically while railcar is in motion. Manual centering is accomplished by exerting light pressure on knuckle/Loop at articulated joint and returning knuckle/Loop to center.

*LGB is a trademark of the E.P. Lehmann Company, Germany.

ASSEMBLY INSTRUCTIONS:

No assembly required, TRACK CLEANING CAR is ready-to-run.

PAD REPLACEMENT

Place TRACK CLEANING CAR on side with TRACK CLEANING PAD Holder screws visible (opposite side has 2 columns only).

Remove 2 phillips head screws. Holder is now removeable.

There is no need to remove Holder underside lead weight to access pad.

Peel off used TRACK CLEANING PAD and replace with ART-29950 TRACK CLEANING PAD. Be careful not to allow dirt residue from pad to smear onto painted TRACK CLEANING CAR BODY SIDE or other painted areas. Dispose of used pad properly.

Additional double-sided tape is included and may be used to attach replacement pad. DO NOT USE GLUE OR OTHER ADHESIVE because future replacement may not be possible without damaging ART-46950-03 HOLDER.

When attaching replacement pad, be sure to position pad properly with 'overhang' extending outward parallel with screws' side and columns' side. Pad is also abrasive side towards track/smooth side against tape.

After replacing pad, re-attach Holder to TRACK CLEANING CAR making sure Holder does not bind after 2 phillips screws are secured and opposite side columns are in alignment.

LIMITED WARRANTY

All ARISTO-CRAFT TRAINS products are under warranty for 180 days from DATE OF PURCHASE against defects in workmanship and/or materials. Proof of purchase may be required by ARISTO-CRAFT TRAINS.

This warranty is VOID and does not apply to any product and/or parts and components which have been improperly installed by purchaser/owner, abused or damaged in any way through improper operation such as train derailment, modified, or repaired by unauthorized service centers and/or non-factory authorized technicians.

SERVICING:

Should your ARISTO-CRAFT TRAINS model railroad product require warranty service, be sure to take the following steps to assure proper servicing:

1. Return product in ORIGINAL BOX, then pack this ORIGINAL BOX in proper shipping carton. If not possible to use original box, pack product carefully in cardboard box, FULLY INSURED and PREPAID. ARISTO-CRAFT TRAINS will not be responsible for any damage or loss incurred during shipping.

2. Include a brief but thorough explanation of the problem(s) and the servicing that may be required.

3. Be sure to include your NAME, STREET ADDRESS (no Post Office Box, please), CITY, STATE (or PROVINCE), COUNTRY (if outside USA), and postal ZIP CODE along with daytime phone number, including Area Code, so that you may be contacted if it becomes necessary. All identification should be both - INSIDE package, contained in letter, and - OUTSIDE cardboard box.

4. Include proper payment for shipping/handling -

Locomotive or Complete Train Set \$30.00 US

Accessories, switch track, individual freight/passenger railcar, or train set \$10.00 US

- with your (USA Bank Account only) check/Money Order payable in US Dollars (\$) to: Polk's Hobbies. Please DO NOT SEND CASH. If your item is out of warranty, you will be contacted with amount of repair costs before repairs are started.

C.O.D. shipping charges NOT included, additional cost.

5. Ship your item(s) to:

ARISTO-CRAFT TRAINS
698 SOUTH 21ST STREET
IRVINGTON, NJ 07111

PHONE: 973-351-9800
FAX: 973-351-9700
EMAIL: aristo@mindspring.com
www.aristocraft.com

6. Immediate written confirmation of receipt of returned item(s) will be sent along with estimated repair time by ARISTO-CRAFT TRAINS Service/Repair Department.

Refer to Exploded Parts Diagram/Parts List for part descriptions, part numbers, and prices. Do not use part descriptions, part numbers, and prices listed in the Instruction Manual