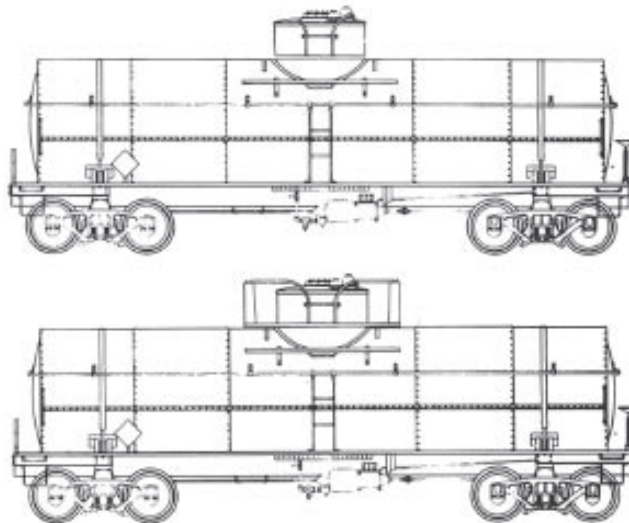


SINGLE DOME / CHEMICAL TANK CAR

INSTRUCTION MANUAL ART 41300-01



ARISTO-CRAFT TRAINS

033193 REV.

INTRODUCTION

Dear Model Railroader:

This product is one of the most highly detailed #1 GAUGE 1/29 Scale Model Railroad Freight Railcars available. Suitable for both INDOOR and OUTDOOR operation, it accurately portrays a North American prototype Single Dome/Chemical Tank 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 1/29 Scale Model Railroad product, please contact us at the following address:

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

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

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

Good Railroading!!!!

SINGLE DOME / CHEMICAL TANK CAR

The tank car is based upon a Steel Freight Railcar of the typical of 1930's to 1970's era. Actual prototype examples of this type car, although modernized, are still in daily use by North American Railroads and are also on display at some Historical Railroads/Museums such as the CASS SCENIC RAILROAD (WV-USA).

FEATURES:

Operating AAR-design knuckle couplers.
Detailed freight car trucks/wheelsets with individual springs.
Realistic Detailing and Authentic Painting.
Moveable Hatch Cover on Dome.
BRASS grab-railings. - Many versions blackened or painted
Full Underframe, including Air Brake System components.
Set of 4 (6 Designs) Full Color Placards.
Walkway Dome Platform (CHEMICAL TANK CARS ONLY)

TRUCK BEARINGS:

The truck sideframes are molded of a thermal plastic which reproduces all details and, for durability, a special bearing has been permanently inserted in each journal box end. These bearings are designed to operate properly WITHOUT lubrication. However, you MAY lubricate, if desired, using either a dry lubricant of powdered graphite or an oil-based paste lubricant (ART-29602) but ONLY in very small amounts. It is not necessary to dis-assemble freight railcar trucks to properly lubricate. Turn freight railcar upside down and apply lubricant to axle ends at truck sideframe.

TRUCK SPRINGS:

The trucks/wheelsets on this model are designed exactly like the trucks used on prototype railroads, and use springs for equalization to act as a shock absorber and cushion the ride.

COUPLERS:

Loop-style couplers are enclosed as a spare accessory. The operating knuckle couplers 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. Couplers may have to be joined by manually coupling the knuckle on each car in a closed position then lifting one end coupler and inserting the closed knuckle onto the ARISTO-CRAFT TRAINS knuckle coupler.

This type coupler works equally well from either end of the freight railcar and can be uncoupled automatically by using an LGB* designed uncoupling device. The couplers may also be operated manually by pressing upward on the small tab below each coupler assembly. The 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 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 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, SINGLE DOME/CHEMICAL TANK CAR is ready-to-run. (except ART-41300K - KIT)

NOTE: Currently the SINGLE DOME TANK CAR ...

- ART-41303 MOBIL OIL
- ART-41305 SINCLAIR OIL
- ART-41309 ATSF/SANTA FE
- ART-41314 CB&Q/BURLINGTON REAR
- ART-41304 UNION OIL
- ART-41308 PA/UNION PACIFIC
- ART-41310 PRK/PENNSYLVANIA
- ART-41315 CANADIAN PACIFIC

... does NOT have the ART-41300-06 Upper Platform Walkway and ART-41300-08 BRASS Railings.

xx - refers to last two digits of roadname ARISTO-CRAFT TRAINS freight car number when part is painted to match, i.e. ART-41302 HOOKER. 41302-02 would then refer to Tank Car body shell for HOOKER Tank Car ART-41302. When part is same for ALL SINGLE DOME - CHEMICAL TANK CARS, 41300 - plus 2 digit number would be used to denote specific part, i.e. 41300-03 is TANK CAR underframe used on all SINGLE DOME - CHEMICAL TANK CARS regardless of roadname.

NOTE: When ordering replacement parts for repair request, please refer to proper 5 or 7 digit part number listed.

Unpainted black plastic PART(S) will be substituted if the Painted-to-match PART(S) ordered not available.*

In addition to COST shown above, please enclose...
 \$3.50 shipping/handling* if PART Order less than \$10.00 or
 \$5.00 shipping/handling* if PART Order \$10.00 and above.
 *This is for PART Order only, not WARRANTY Order.

LIMITED WARRANTY:

Your new ARISTO-CRAFT TRAINS product is warranted 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 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.

Currently the CHEMICAL TANK CAR....

- ART-41300 UNDECORATED
- ART-41301 DOW CHEMICAL
- ART-41306 DUPONT CHEMICAL
- ART-41311 CELANESE CHEMICAL
- ART-41313 WYANDOTTE CHEMICAL
- ART-41397 RC COLA/NST
- ART-41399 PENN SALT/NST
- ART-41300K KIT/UNDECORATED
- ART-41302 HOOKER CHEMICAL
- ART-41307 KODAK
- ART-41312 MARIANSAUTO CHEMICAL
- ART-41392 NORF.SOU/NST
- ART-41398 RW EXPRES/NST

... does have the ART-41300-06 Platform and ART-41300-07/08 BRASS Railings.

PARTS LISTING FOR ART-41300 Series TANK CAR, all railroad names and NOT Undecorated.

PART#	DESCRIPTION	COST
41300-01	Instruction Manual	1.00
413XX-02	Tank Car body shell (2-Piece Set) (NOTE: Special Production/LTD. EDITION Tank Car Body Shell/Front-REAR ends not available)	20.00
41300-03	Tank Car underframe	15.00
413XX-04	Tank Car FRONT end	5.00
413XX-05	Tank Car REAR end	5.00
41300-06	Upper Platform walkway	7.00
41300-07	Upper Platform BRASS Railing-CURVED	2.00
41300-08	Upper Platform BRASS Railing-STRAIGHT	3.00
29101	Complete Truck/plastic wheelset w/o coupler	1.95
29101-99	BLACK Metal Truck Springs(pair)	2.00
29011	BLACK Metal Wheelset (2 wheels/4 axles)	14.95
29200	AAR Knuckle coupler (pair)	7.95
41300-11	Brakewheel (black plastic)	1.00
41300-12	BRASS Brake wheel post	2.00
41300-13	Cardboard (Black Plastic) 4-Pc. Set	4.00
41300-14	Set of 4 (6 Designs) Full Color Placards.	2.00
41300-15	Step (Black plastic)	1.00
41300-16	Brass grab railing - small	2.00
41300-21	Brass grab railing - body side	5.00
41300-22	Brass grab railing - platform end	3.00
41300-23	Brass grab railing - platform side	3.00
413XX-31	Dome Hatch Cover	1.00
413XX-32	Single Dome Cap	1.00

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

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, ADDRESS (no Post Office Box, please), CITY, STATE (or PROVINCE), COUNTRY (if outside USA), and postal ZIPCODE 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 and on OUTSIDE cardboard box.

4. Include proper payment for shipping/handling -

Loose item or Complete Tank Set \$240.00 (S)
 Accessories, Tender, switch-truck, and other freight cars \$15.00 (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. charges are 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

