

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. If you should decide to add a load into the stock car, remember to distribute the weight evenly throughout the stock car. If there is more weight at one end of the STOCK CAR, the springs will compress only at the loaded end causing operational problems and, possibly derailments.

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 coupler 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 by 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, STOCK CAR (STEEL) is ready-to-run except Undecorated/KIT.

PARTS LISTING FOR ART 46100 Series STOCK CAR, all railroad names and Undecorated/KIT.

PART #	DESCRIPTION	COST
46100-01	Instruction Manual	1.00
461xx-02	STOCK car body (except LTD./Std. Edition)	30.00
46100-03	STOCK car underframe	15.00
29101	Truck/wheelset (pair)	16.95
29101-99	Metal Truck Springs (pair)	1.00
29200	AAR Knuckle coupler (pair)	7.95
46100-04	STOCK car floor	10.00
461xx-05	Door	5.00
46000-11	Brakewheel (Black plastic)	1.00
46000-12	Brakewheel post/pipe (Black plastic)	1.00
46000-14	End/Side ladder (Black plastic)	1.00
46000-15	Step (Black plastic)	1.00
46000-16	Long Roofwalk (Black plastic)	1.00
46000-17	Side Roofwalk (Black plastic)	1.00
46000-20	Brass grab railing - small	2.00

DO NOT USE

xx - refers to last two digits of roadname ART freight car number
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

CARS, 46100 - plus 2 digit number would be used to denote specific part, i.e. 46100-03 is STOCK CAR underframe used on all STOCK CARS regardless of railroad name.

NOTE: when ordering replacement parts or repair requests, 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
 \$10.00 shipping/handling* if PART Order \$10.00 and above.
 *This is for PART Order only, not WARRANTY Order.

LIMITED WARRANTY:

All ARISTO-CRAFT TRAINS locomotives, tenders, railcars, trainsets, or accessories 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, only 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 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 -

Locomotive or Complete Train Set... \$20.00-125
 Accessory Order... \$10.00-100
 switch-train or individual freight car... \$0.00-15
 - 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 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

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

