

Atlas 50005912

Atlas N PS-2 Hopper BN Scale Monitor Car 979038 Instruction Manual

Model: 50005912

INTRODUCTION

This manual provides essential information for the proper handling, setup, operation, and maintenance of your Atlas N Scale PS-2 Hopper BN Scale Monitor Car, road number 979038. This highly detailed model is designed for use on N scale model railroad layouts and accurately replicates a prototype scale monitor car used for calibrating track scales.



This image displays the side profile of the Atlas N scale PS-2 Hopper BN Scale Monitor Car. The car is predominantly yellow with a large green 'BN' logo and the road number '979038' printed on its side. Below the road number, it reads 'SCALE MONITOR CAR' and 'WT. 175000 LBS.'. The car features detailed trucks and couplers, typical of N scale model rolling stock.

SETUP

- Unpacking:** Carefully remove the model from its packaging. Retain the original packaging for future storage or transport. Handle the car by its body, avoiding delicate details like ladders, handrails, and couplers.
- Inspection:** Before placing on tracks, visually inspect the car for any loose or damaged parts. Ensure all wheels are securely attached and rotate freely.
- Placement on Tracks:** Gently place the car onto clean N scale track. Ensure all wheels are properly seated on the rails.

4. **Coupling:** The car is equipped with standard N scale couplers. To couple with other rolling stock, align the couplers and gently push the cars together until they engage. Ensure the couplers are at the correct height for reliable operation.

OPERATING

The Atlas N PS-2 Hopper BN Scale Monitor Car is a non-powered, free-rolling freight car designed to operate seamlessly within your N scale model railroad system. Its primary function in a model setting is to add prototypical realism to your train consists.

- **Track Compatibility:** This car is designed for use on standard N scale track (9mm gauge). Ensure your track is clean and properly laid for smooth operation.
- **Minimum Radius:** For optimal performance and appearance, operate the car on layouts with a minimum curve radius appropriate for N scale rolling stock, typically 9.75 inches (248mm) or greater.
- **Rolling Performance:** The car features free-rolling trucks for smooth movement. Avoid forcing the car on the track or through tight curves, as this can lead to derailments or damage.

MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your model train car.

- **Cleaning:** Dust can accumulate on the car body and wheels. Use a soft, dry brush or a lint-free cloth to gently remove dust. For stubborn dirt on wheels, a cotton swab lightly dampened with isopropyl alcohol can be used, ensuring no liquid contacts the painted surfaces.
- **Wheel and Axle Inspection:** Periodically check the wheels and axles for any debris (e.g., lint, hair) that might impede smooth rolling. Remove any obstructions carefully.
- **Coupler Maintenance:** Ensure couplers are clean and free of obstructions. If couplers become stiff, a very small amount of dry graphite powder can be applied, but avoid liquid lubricants.
- **Storage:** When not in use, store the car in its original packaging or a dedicated model train storage box to protect it from dust, light, and accidental damage. Store in a cool, dry place away from direct sunlight.

TROUBLESHOOTING

If you encounter issues with your model car, consider the following common solutions:

- **Derailments:**
 - Check track cleanliness and alignment.
 - Ensure all wheels are properly seated on the rails.
 - Verify that the car's trucks are not binding and can pivot freely.

- Inspect couplers for proper height and alignment with other rolling stock.
- **Poor Rolling:**
 - Clean wheels and axles to remove any debris.
 - Ensure axles are properly seated in the truck sideframes.
- **Coupling Issues:**
 - Check if couplers are bent or damaged.
 - Ensure the coupler height matches that of the locomotive or other cars. Adjustments may be needed on other rolling stock if there's a consistent height mismatch.

SPECIFICATIONS

Feature	Detail
Brand	Atlas
Model Number	50005912
Product Type	N Scale PS-2 Hopper Freight Car
Road Name	BN (Burlington Northern)
Road Number	979038
Scale	N Scale (1:160)
Car Type	Scale Monitor Car
Manufacturer Recommended Age	14 years and up

WARRANTY & SUPPORT

Atlas products are manufactured to high standards. For specific warranty information and support inquiries, please refer to the official Atlas website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

Atlas Customer Service:

Please visit the official Atlas Model Railroad Co. website for the most current contact information and support resources.

