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## Kato 10-1817

# KATO N Gauge N700 Series 2000 Series 8-Car Basic Set (Model 10-1817) Instruction Manual

Brand: Kato | Model: 10-1817

## INTRODUCTION

The KATO N Gauge N700 Series 2000 Series 8-Car Basic Set (Model 10-1817) is a detailed railway model train set designed for enthusiasts. It accurately reproduces the N700 Series 2000 Series, specifically the X65 model of the JR Tokai company, featuring its distinctive aero double wing head and the "A" letter logo mark. This set includes an 8-car train with a "body tilt system" for realistic movement on curves, a slotless motor for smooth operation, and functional headlights/tail lights. The model operates by drawing power from the rails and does not require batteries, fuel, or paint for its primary functions.



Image: The KATO N Gauge N700 Series 2000 Series 8-Car Basic Set displayed on a model railway track.

## SETUP

Follow these steps to prepare your KATO N Gauge N700 Series 2000 Series 8-Car Basic Set for operation:

- 1. Unpacking:** Carefully remove all 8 train cars from their packaging. Inspect each car for any visible damage.
- 2. Track Assembly:** This basic set typically includes the train cars. A compatible N-gauge track system (sold separately or as part of a starter set) is required for operation. Assemble your N-gauge track according to its specific instructions, ensuring all sections are securely connected to form a continuous circuit.
- 3. Power Connection:** Connect your N-gauge power pack (sold separately) to the track. Refer to your power pack's manual for specific connection details. Ensure the power pack is off before connecting.
- 4. Placing the Train:** Carefully place each of the 8 train cars onto the track. Ensure all wheels are properly seated on the rails. Connect the cars using their couplers, making sure they are securely linked.

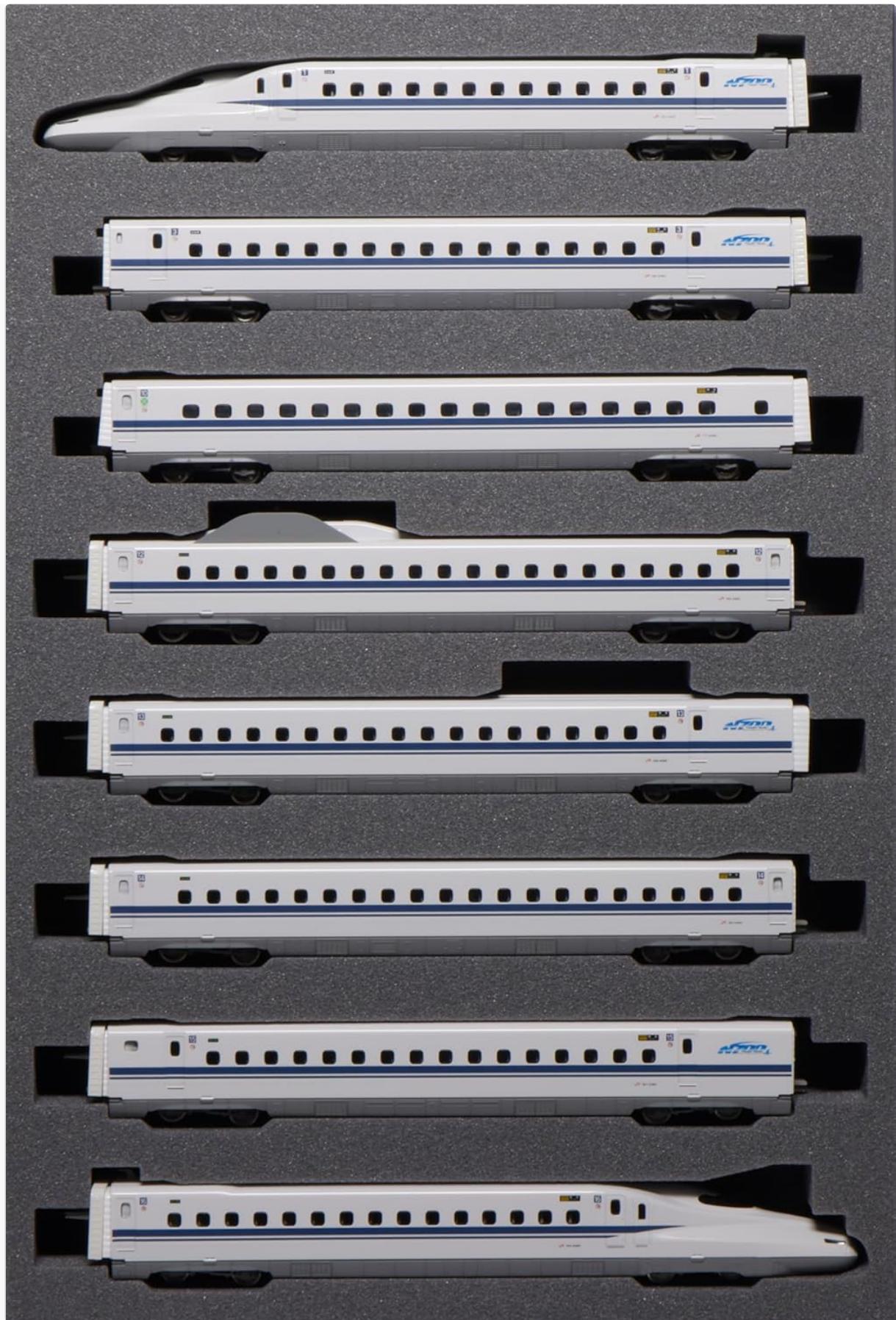


Image: The 8-car train set components neatly arranged in their protective packaging tray.

### Track Assembly Demonstration (for KATO Track Sets)

Your browser does not support the video tag.

Video: This official KATO video demonstrates the assembly of a KATO N Gauge track set. While this video specifically shows a track set, the principles of connecting KATO Unitrack pieces are similar and can be helpful for understanding

## OPERATING INSTRUCTIONS

Once your train is set up on the track and connected to a power source, you can begin operation:

- Power On:** Turn on your N-gauge power pack. The indicator light on the power pack should illuminate.
- Direction Control:** Use the direction switch on your power pack to select the desired direction of travel (forward or reverse).
- Speed Control:** Slowly rotate the throttle knob on your power pack to increase the power. The train should begin to move smoothly along the track. Avoid sudden acceleration or deceleration.
- Headlights/Tail Lights:** Observe the operational headlights and tail lights. They will illuminate according to the direction of travel, providing a realistic appearance.
- Body Tilt System:** The N700 Series 2000 Series model is equipped with a realistic "body tilt system." Watch as the train cars subtly tilt when navigating curves, mimicking the actual prototype.
- Stopping:** To stop the train, slowly decrease the power to zero using the throttle knob.



Image: The KATO N Gauge N700 Series 2000 Series 8-Car Basic Set in motion on a track, showcasing its design.

## MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your model train:

- Cleaning Wheels and Track:** Dust and dirt can accumulate on the train wheels and track, affecting electrical contact and smooth running. Regularly clean the wheels of your train cars with a soft, lint-free cloth. Use a specialized track cleaning tool or a soft cloth dampened with track cleaning fluid to clean the rail surfaces.
- Lubrication:** Periodically apply a small amount of specialized model train lubricant to the moving parts of the locomotive, such as gears and axles, as recommended by KATO. Refer to KATO's official guidelines for specific lubrication points and frequency. Avoid over-lubrication, as this can attract dust.

- Storage:** When not in use, store the train set in its original packaging or a dedicated protective case. This prevents dust accumulation, protects delicate parts from damage, and maintains the model's condition.
- Handling:** Always handle the model train cars carefully. Avoid dropping them or applying excessive force, especially when coupling and uncoupling, as small parts can be delicate and easily broken.

## TROUBLESHOOTING

If you encounter issues with your model train, try these common troubleshooting steps:

- Train Not Moving:**
  - Ensure the power pack is turned on and properly connected to the track.
  - Verify that the throttle on the power pack is advanced and the direction switch is set.
  - Check that all train wheels are correctly seated on the rails and that no cars are derailed.
  - Clean the track and train wheels to ensure good electrical contact.
- Jerky or Inconsistent Movement:**
  - Clean the track and train wheels thoroughly.
  - Check for any physical obstructions on the track or between the cars.
  - Ensure all couplers are correctly connected and not binding.
- Headlights/Tail Lights Not Working:**
  - Confirm the train is receiving power and moving.
  - Check the direction switch; lights operate based on the direction of travel.
  - If individual lights are out, consult KATO's official support for potential bulb replacement or repair options.

## SPECIFICATIONS

<b>Brand</b>	Kato
<b>Model Number</b>	10-1817
<b>Series</b>	N700 Series 2000 Series
<b>Scale</b>	N Gauge
<b>Car Configuration</b>	8-Car Basic Set
<b>Material</b>	Plastic
<b>Key Features</b>	Body tilt system, Slotless motor, Headlight/Tail Light On, "Nozomi 3 Hakata" side destination display
<b>Power Source</b>	Rail power (external power pack required, not included)
<b>Approx. Item Weight</b>	1.65 pounds (for the 8-car set)

## WARRANTY AND SUPPORT

For detailed warranty information, technical support, or to inquire about replacement parts, please refer to the official KATO website or contact KATO customer service directly. It is recommended to keep your purchase receipt as proof of purchase for any warranty claims.

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