KATO 10-358

KATO N Gauge E351 Series 'Super Azusa' Limited Express Train 8-Car Basic Set (Model 10-358) Instruction Manual

Model: 10-358

Introduction

This manual provides essential instructions for the setup, operation, and maintenance of your KATO N Gauge E351 Series 'Super Azusa' Limited Express Train 8-Car Basic Set (Model 10-358). Please read this manual thoroughly before using your model train set to ensure proper handling and enjoyment. This set accurately replicates the E351 series, known for its distinctive tilting mechanism, which operated on the Chuo Main Line.

Package Contents

Carefully unpack the box and verify that all components are present. The KATO N Gauge E351 Series 'Super Azusa' 8-Car Basic Set includes the following items:

- E351 Series Limited Express Train (8 cars)
- Instruction Manual (this document)
- Accessory Parts Sheet (e.g., destination indicators, train marks, etc.)



Image 1: Overview of the KATO N Gauge E351 Series 'Super Azusa' 8-car basic set, showing the train cars neatly arranged in their storage tray alongside the instruction manual and accessory sheet.



Image 2: A detailed view of the instruction sheet for the KATO E351 Series, along with a sheet of small accessory parts, likely for detailing the train cars.

Setup

1. **Unpacking:** Carefully remove each train car from its protective packaging. Handle the models by their sides to avoid damaging delicate parts.
2. **Accessory Installation:** Refer to the included accessory parts sheet and the specific instructions on the main instruction manual (Image 2) for attaching any optional parts such as destination indicators, train marks, or other detailing components. These parts are typically small and require careful handling, often with tweezers.
3. **Track Placement:** Ensure your N Gauge track is clean, properly assembled, and laid on a flat, stable surface.
4. **Placing the Train:** Gently place each train car onto the tracks, ensuring all wheels are correctly seated on the rails. Connect

the cars using their couplers. The E351 series features KATO's body-mount KATO coupler (KATO), designed for realistic spacing and reliable connection.



Image 3: Side view of the KATO N Gauge E351 Series train cars, illustrating their design and how they appear when ready for track placement.



Image 4: Top-down view of the E351 Series train cars arranged outside their storage tray, showing the full 8-car configuration before being placed on tracks.

Operating Instructions

1. **Power Connection:** Connect your N Gauge power pack (sold separately) to the track. Ensure the power pack is set to the 'OFF' position before connecting.
2. **Starting the Train:** Slowly increase the throttle on your power pack. The train should begin to move smoothly. Observe the train's movement to ensure all cars are tracking correctly.
3. **Speed Control:** Adjust the throttle to control the train's speed. Avoid sudden acceleration or deceleration, especially on

curves, to prevent derailment.

4. **Direction Control:** Use the direction switch on your power pack to change the train's direction. Always bring the train to a complete stop before reversing direction.
5. **Coupling/Uncoupling:** The KATO couplers allow for close coupling. To uncouple, gently lift one car slightly while pulling it away from the other. For best results, use a KATO uncoupler track section or a specialized uncoupling tool.



Image 5: Top-down view of the E351 Series train cars within their storage tray, highlighting the roof details and coupler mechanisms.

Maintenance

Regular maintenance ensures optimal performance and longevity of your model train set.

- **Wheel Cleaning:** Over time, dirt and grime can accumulate on the wheels, affecting electrical pickup and smooth running. Use a soft cloth dampened with a small amount of isopropyl alcohol to gently clean the wheel treads.
- **Track Cleaning:** Keep your tracks clean using a track cleaning car or a specialized track cleaning fluid applied to a soft cloth. Clean tracks are crucial for reliable electrical contact.
- **Lubrication:** Periodically, apply a tiny drop of specialized model train lubricant to the axle points and gear mechanisms of the powered car (locomotive). Avoid over-lubrication, as this can attract dust. Refer to the original KATO manual for specific lubrication points.
- **Storage:** When not in use, store the train set in its original packaging or a dedicated storage case, away from direct sunlight, dust, and extreme temperatures.



Image 6: Underside view of the E351 Series train cars in their tray, showing the bogies, wheels, and undercarriage details, which are important for maintenance.

Troubleshooting

Problem	Possible Cause	Solution
Train does not move or moves erratically.	• Dirty wheels or tracks. • Loose track connections. • Power pack not connected or faulty. • Derailment not immediately visible.	• Clean wheels and tracks thoroughly. • Check all track connections for secure fit. • Verify power pack connection and functionality. • Carefully inspect all wheels on the track.
Train derails frequently.	• Improperly laid track. • Excessive speed on curves. • Damaged wheels or bogies. • Obstruction on the track.	• Ensure track is flat and connections are smooth. • Reduce speed, especially on turns. • Inspect wheels and bogies for damage; replace if necessary. • Clear any debris from the track.
Lights are dim or not working (if applicable).	• Poor electrical contact. • Burnt-out bulb/LED.	• Clean wheels and track. • Consult KATO service for bulb/LED replacement if needed.

Specifications

Model Number	10-358
Brand	KATO
Scale	N Gauge (1:150)
Train Type	E351 Series Limited Express "Super Azusa"

Configuration	8-Car Basic Set
ASIN	B0CZ72F23H

Warranty and Support

For warranty information, technical support, or inquiries regarding replacement parts, please refer to the official KATO website or contact your authorized KATO retailer. Keep your purchase receipt as proof of purchase.

Note: This product is a precision model and should be handled with care. It is not intended for children under 14 years of age without adult supervision.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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