

6 Lightning accessories (Sold separately)

7-1 Room light <Able to install in all cars>

This lighting accessories can use in all cars. <Either A009 or A030 can be used.>
Please read each instruction manual included with each lighting parts.

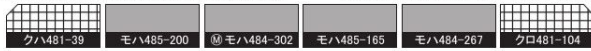
7-2 DCC Decoder <A059 able to install in all cars>

Trim a part of DCC decoder to fit, trim with nippers to install in every type of car with A059. DCC DECODER MULTIPUL TYPE.
(See Figure 13) Please read included instruction manual of A059 for more information.

Figure 13

T030-3 485 Limited express "NICHIRIN" red express color 6 cars set

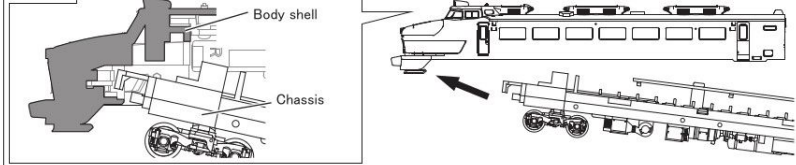
A030 Room light for front/tail car (short) A009 Room light type A
A059 DCC Decoder room light multi type (Room light C type mode) A059 DCC Decoder room light multi type (Room light A type mode)



* Please open car as shown when installing room light or decoder. (See Figure 14)
Related cars...クハ481・クロ481

* After installing room light, or decoder, turn chassis upside down to install in body as shown.

Figure 14



7 Trouble shooting

Check following before ordering repair.

Problem	Cause	Correction
Trains do not run smoothly. Or lights flicker.	There is dirt on rails.	Remove the dirt with cleaner and cloth.
	There is dirt on wheels.	Remove the dirt with cleaner and cloth.
Trains do not run.	A train derails.	Set the train properly on track using relailer.

8 Trouble and repair

- The user is responsible for any trouble, accident, or injury caused by misuse, disassembling, or modification of this product by himself. Rokuhan will not have any responsibility of repair a product which has been opened.
- Specification and appearance of our products are subject to change without prior notice.
- We sell completed product only.
- Take contact Rokuhan customer service if you have any questions about this product.



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485 LIMITED EXPRESS "NICHIRIN" RED EXPRESS COLOR
6CARS SET Instruction Manual

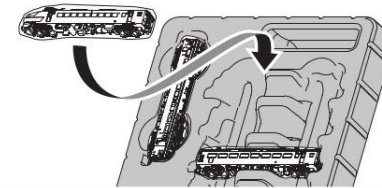
T030-3

Thank you for purchasing this Rokuhan product.

This product is precision product. Please read this instruction manual carefully before operation and operate properly.

1 Caution

- Please operate this model with a Rokuhan controller.
- Clean up tracks (metal rails) before operation.
- Remove dirt and dust on wheels.
- Do not operate continuously over a long period of time.
- Do not change train direction suddenly. Stop train first then change direction.
- In the case of derailment or short circuit, turn off the power of controller immediately, unplug the controller, and then eliminate cause of problem.
- Disassembling and modification work could cause damage to this product.
- Storing this product under sunlight or fluorescent light for a long time could cause discoloration.
- Keep this product away humidity, dust and heating devices.
- To avoid shock or electrocution, do not operate this product in wet place or touch with wet hands.
- To avoid injury with sharp parts, please handle with care.
- This product is not recommended that children under 15 years old use unless supervised by an adult.
- Keep train cars in Poly bag, to avoid damage after using.



2 Parts list

T030-3 485 LIMITED EXPRESS "NICHIRIN" RED EXPRESS COLOR 6 CARS SET

Cars



Accessory parts



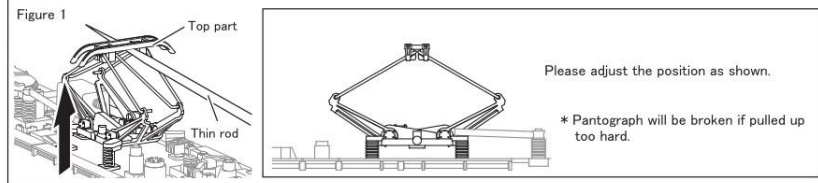
* Use only Antenna A and C

- ① Runner parts A... 2 plates (1pc for spare)
(Antenna A, B...4 pcs for each
Antenna C...8 pcs)
- ② Runner parts B...2 plates
(Head mark 2 kinds...2 pcs for each)
- ③ Instruction manual ...1sheet

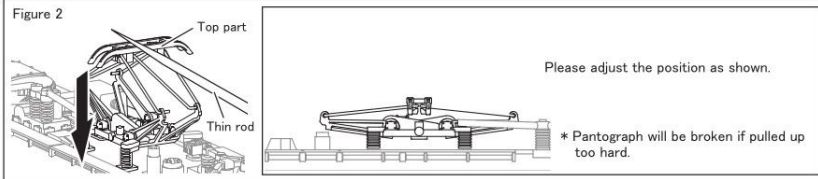
3 How to handle accessories

3-1 Pantograph Related cars...モハ484

① Lift-up top part softly by thinner rod or needle until stop. (See Figure 1)



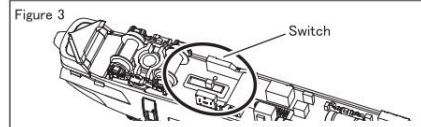
② Push down top part slowly and softly with thin rod or needle until stop. (See Figure 2)



3-2 Switch off head/ tail lights

Related cars...クハ481-39・クロ481-104

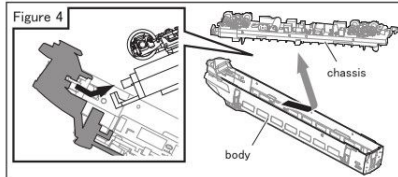
Please check the bottom chassis to move the slide switch to the off position. (See Figure 3)



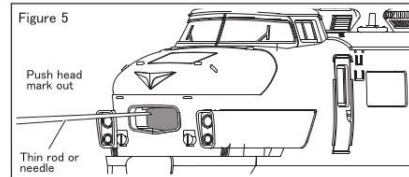
3-3 How to change Head mark Related cars...クハ481-39・クロ481-104

Please cut out the Head mark from Runner B.

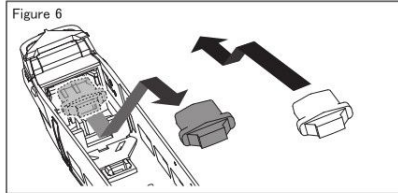
① Turn upside down and remove chassis from body shell chassis to diagonally upward. (See Figure 4)



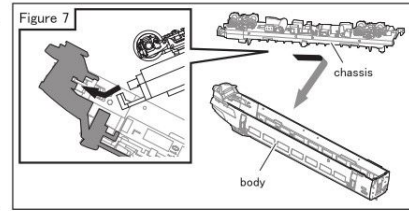
② Push head mark inside by rod or needle from outside. (See Figure 5)



③ Take out original headmark by tweezers or suitable tools. Set new headmark in reverse order and push in until seated. (See Figure 6)



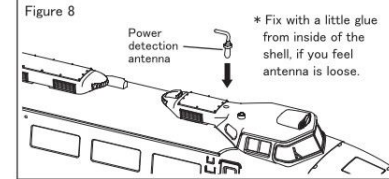
④ Set chassis into body shell in reverse order. (See Figure 7)



4 How to set parts

4-1 Set Antenna C

Please set Antenna C into the hole. (See Figure 8)



5 How to install antenna(for expert user)

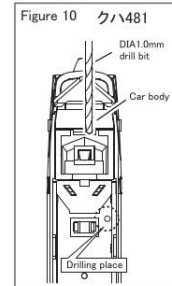
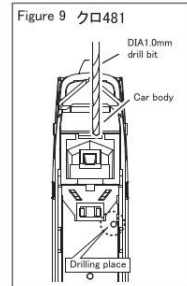
This process is for expert users who understand this model well. Please be careful to handle tools to avoid injury and work carefully. Also, DIA 1.0mm drill and tweezers are necessary to set small antenna.

This product has no hole for wireless or telephone antenna. If you like to set antenna for your preference, please follow this instruction as below.

Related cars...クハ481-39・クロ481-104

5-1 Set Antenna A on T030-3<クハ481・クロ481>

① Take out chassis from body shell. Turn over, find the drilling place and make DIA0.1mm hole. (See Figure 9,10)



② Set antenna A part into the hole. (See Figure 11,12)

