

Thank you for purchasing this Rokuhan product.  
This is a precision train model, so please handle carefully.  
Please read this instruction manual carefully first before you operate.

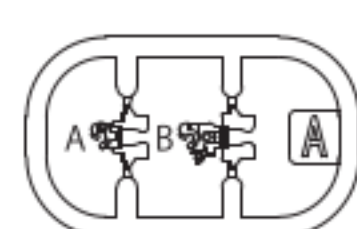
### 1. Caution

- Use only a Rokuhan controller to operate this product.
- Clean track surface (Metal rails) before operation.
- Remove dirt and dust on wheels.
- DO NOT operate continuously over a long period of time.
- DO NOT suddenly change train direction. Stop train first then change direction.
- In the case of derailment or short circuit, power off controller switch, unplug the AC adapter, and then eliminate the cause of problem.
- Disassembling and modification could cause failure of this product.
- Storing this product in direct sunlight or fluorescent light for a long time could cause change in color.
- Store and operate this product in dust free locations, away from sources of heat and moisture
- To avoid shock or electrocution, do not operate this product in a wet location or operate with wet hands.
- This product includes sharp edge parts. Handle with care.
- Handle tools with care.
- This product is NOT recommended for use by children under 15 years old unless supervised by an adult.

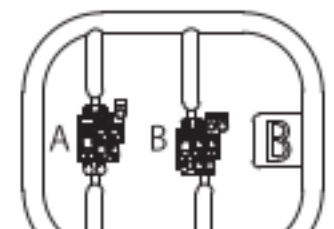
### 2. Parts List



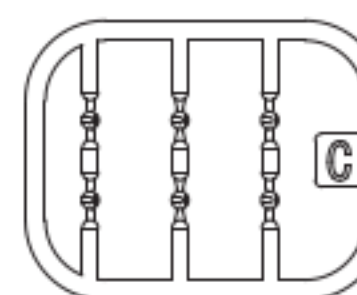
1. EF63 Electric locomotive...2 pcs



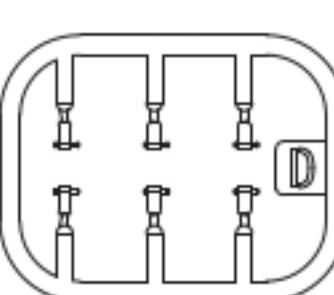
2. Dummy coupler A...2 pcs  
Dummy coupler B...2 pcs



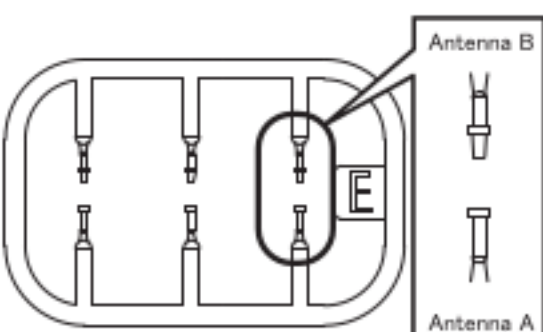
3. Jumper plug A (1st and 2nd type)...2 pcs  
\* For T038-1 and T038-2  
Jumper plug B (3rd type)...2 pcs  
\* For T038-3



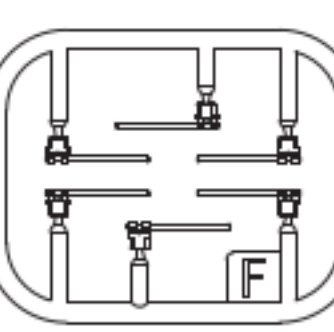
4. Lightning rod...6 pcs (Spare for 2 pcs)



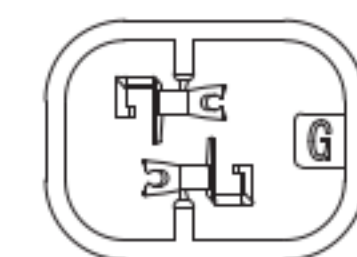
5. Horn...6 pcs (Spare for 2 pcs)



6. Antenna A...3 pcs (Spare for 1pc)  
Antenna B...3 pcs (Spare for 1pc)



7. Antenna (C' type)...6 pcs (Spare for 2 pcs)



8. Arnold coupler for 115 Type...4 pcs



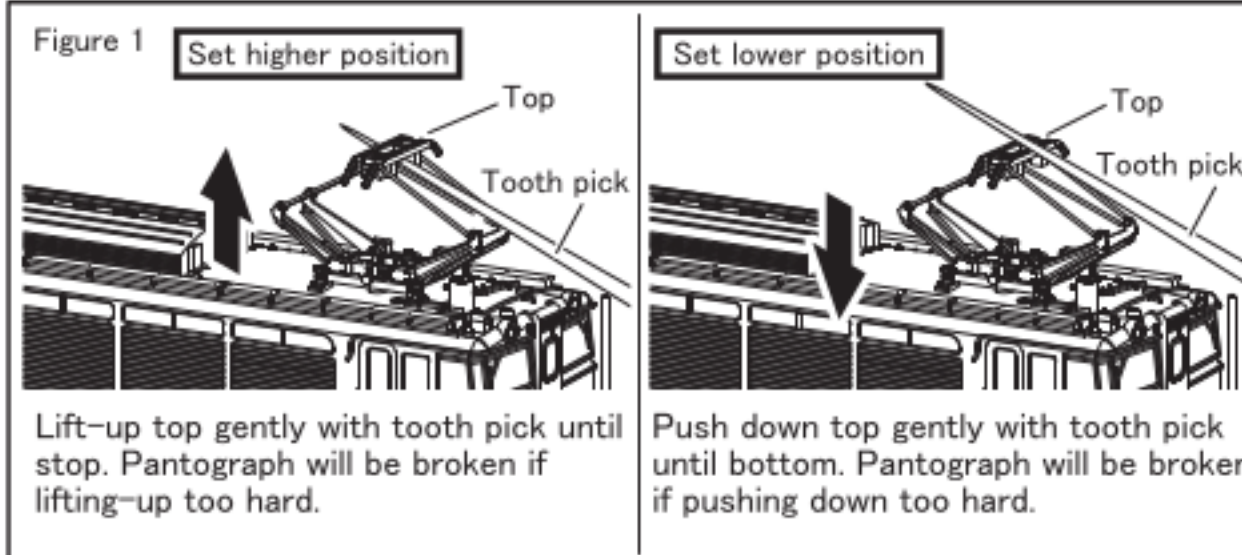
9. Instant lettering Sheet (Only for T038-1 and T038-3)...1 pc



10. Instruction manual...1 pc

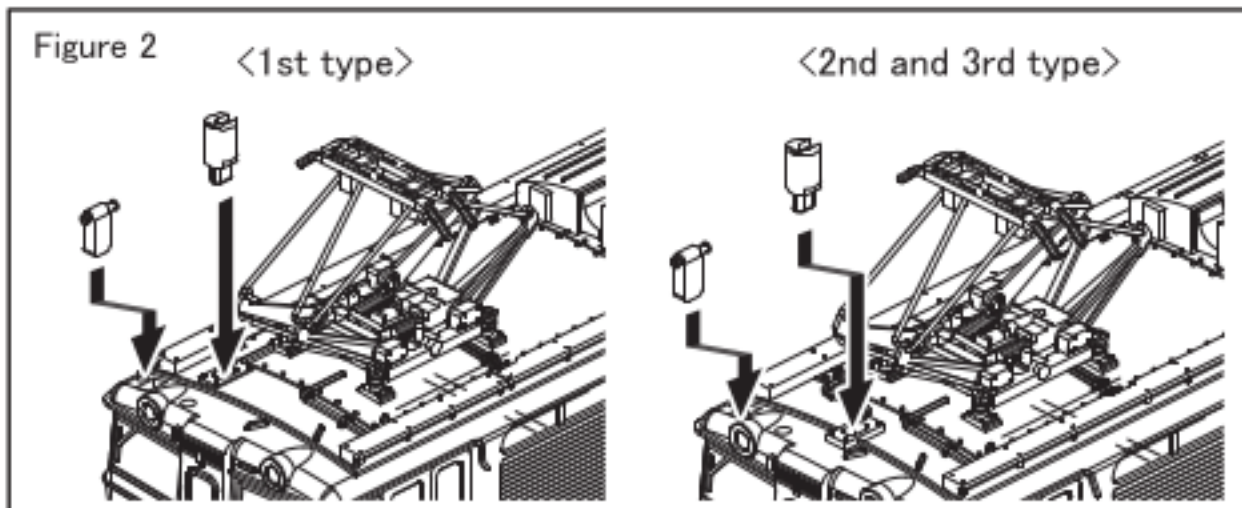
### 3. How to set pantograph height

Please use tooth pick or similar tool. (See Figure 1)



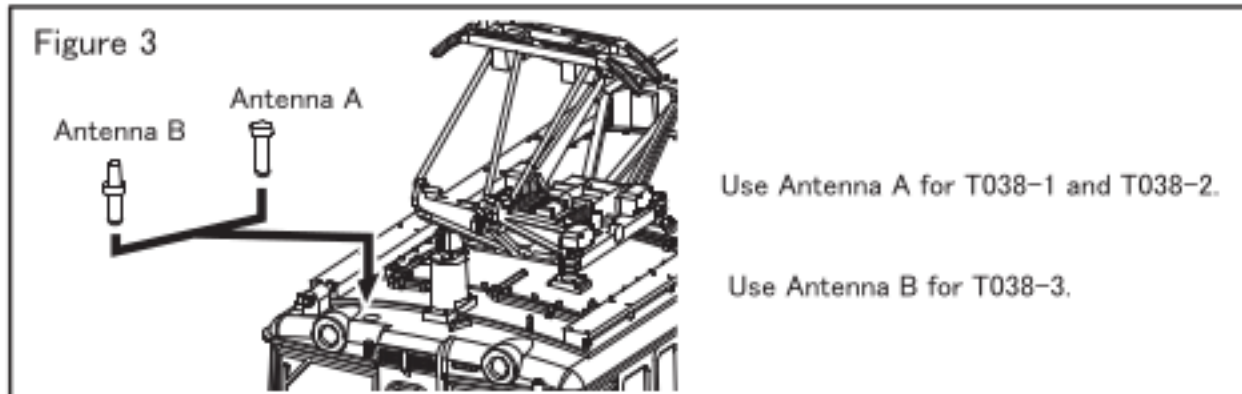
### 4. How to install the accessory parts

Set after cutting off from Runner with nippers.  
\* In case of accessory parts are loose, fix with a little glue from the reverse of the shell. (See Figure 2)



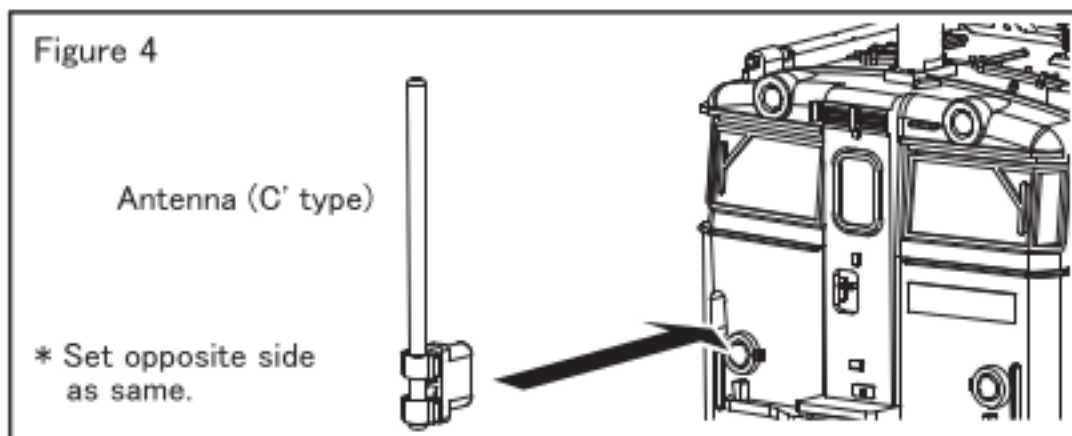
<How to install Antenna>

Set Antenna A or Antenna B. (See Figure 3)



<How to install Antenna (C' type)>

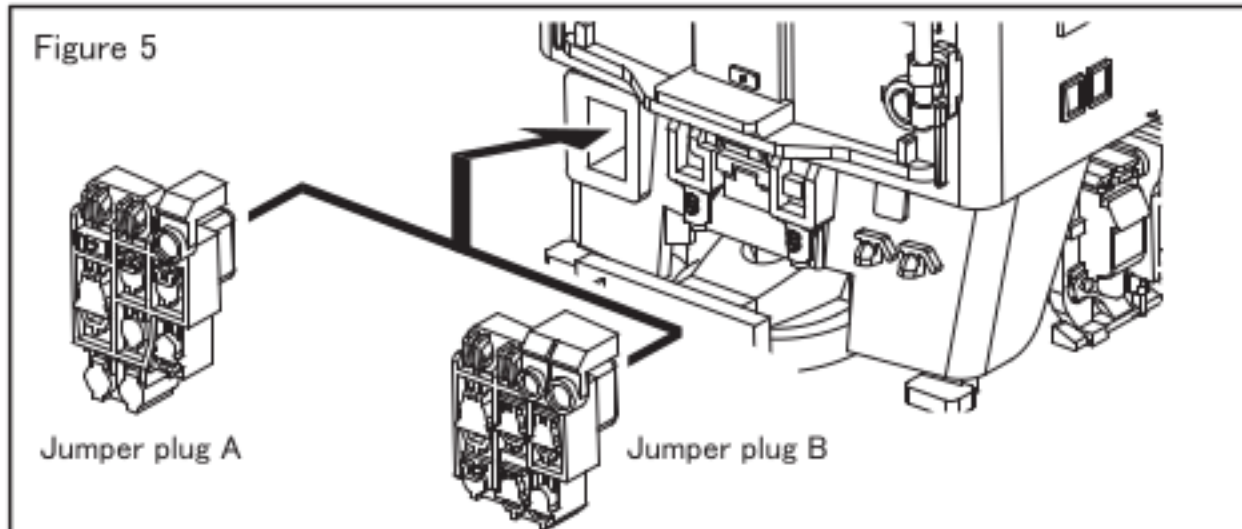
Set Antenna (C' type) in front and behind side. (See Figure 4)



<How to install Jumper plug>

Insert Jumper plug in place. (See Figure 5)

DO NOT glue jumper plug with body.

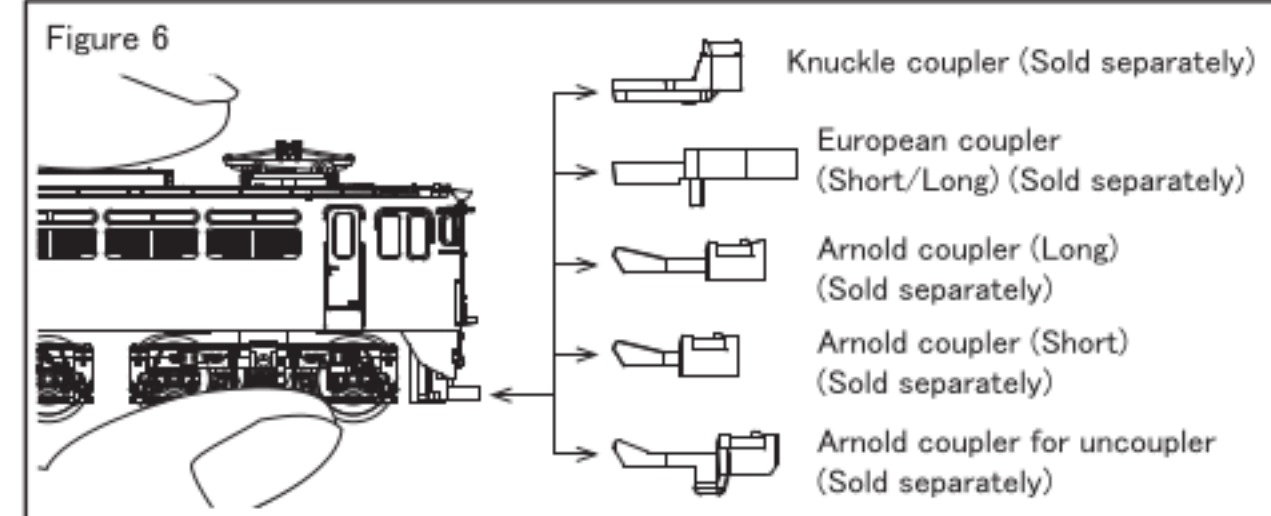


### 5. How to install coupler

#### 5-1 How to install other functional coupler

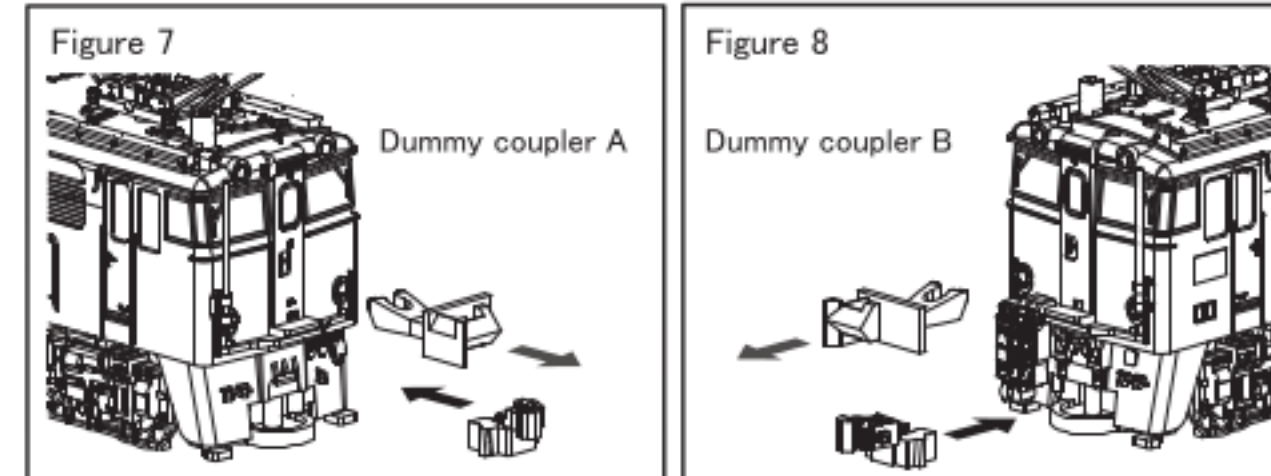
This product is set Arnold coupler (Short) as default and replaceable to ROKUHAN snap in coupler set (Sold separately) series as below based on layout and formations. (See Figure 6)

- A019 Knuckle coupler set (Short)
- A020 Knuckle coupler set (Long)
- A021 European coupler set (Short)
- A022 European coupler set (Long)
- A025 Arnold coupler set (Long)
- A040 Arnold coupler set for uncoupler



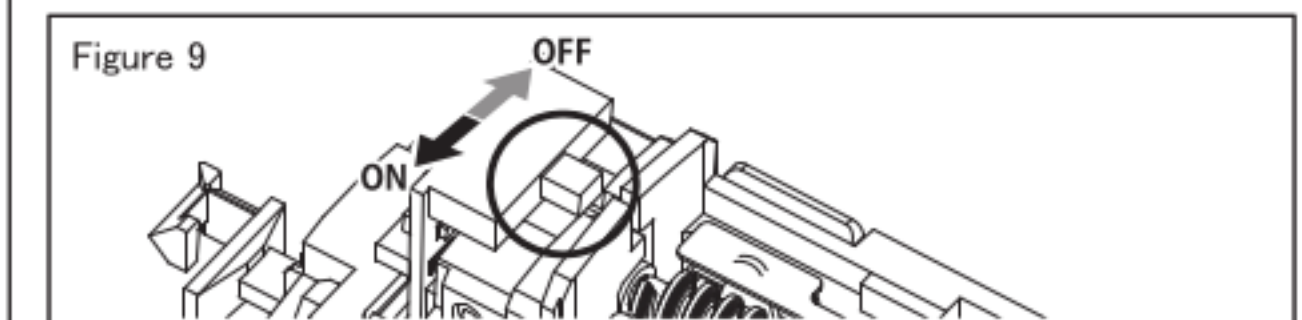
#### 5-2 How to install dummy coupler

Pull out original arnold coupler, then put. (See Figure 7 and Figure 8)



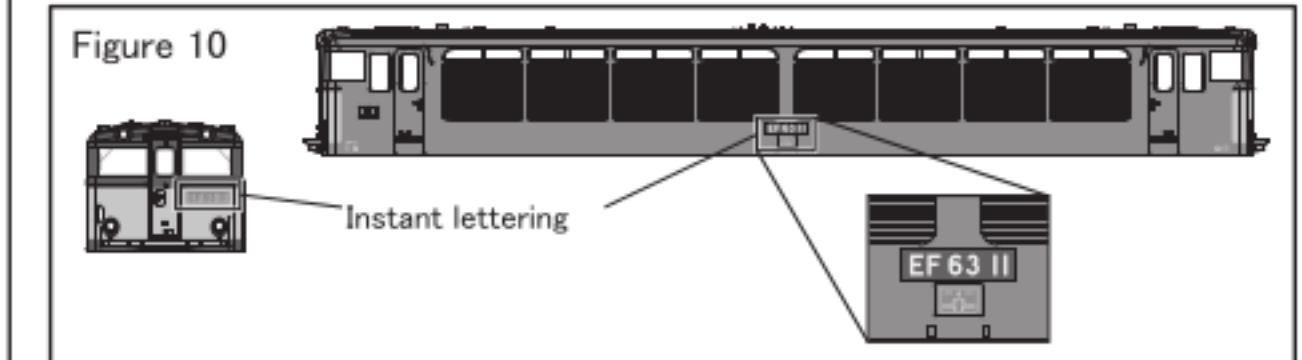
### 6. Headlights and Taillights Switch ON/OFF

Use Headlight and Taillight Switch to turn off the lights on the connecting end when urd is to double head or cooperative operation type. (See Figure 9)  
\* When removing the body, remove the jumper plug first.



### 7. How to apply Instant lettering (For advanced modeler) (Only for T038-1, T038-3)

You can change the model number by using the included instant lettering. Remove dirt and dust on the surface to be applied, and then position the instant lettering. After positioning, lightly rub the instant lettering, transcribe it and then apply it. (See Figure 10)

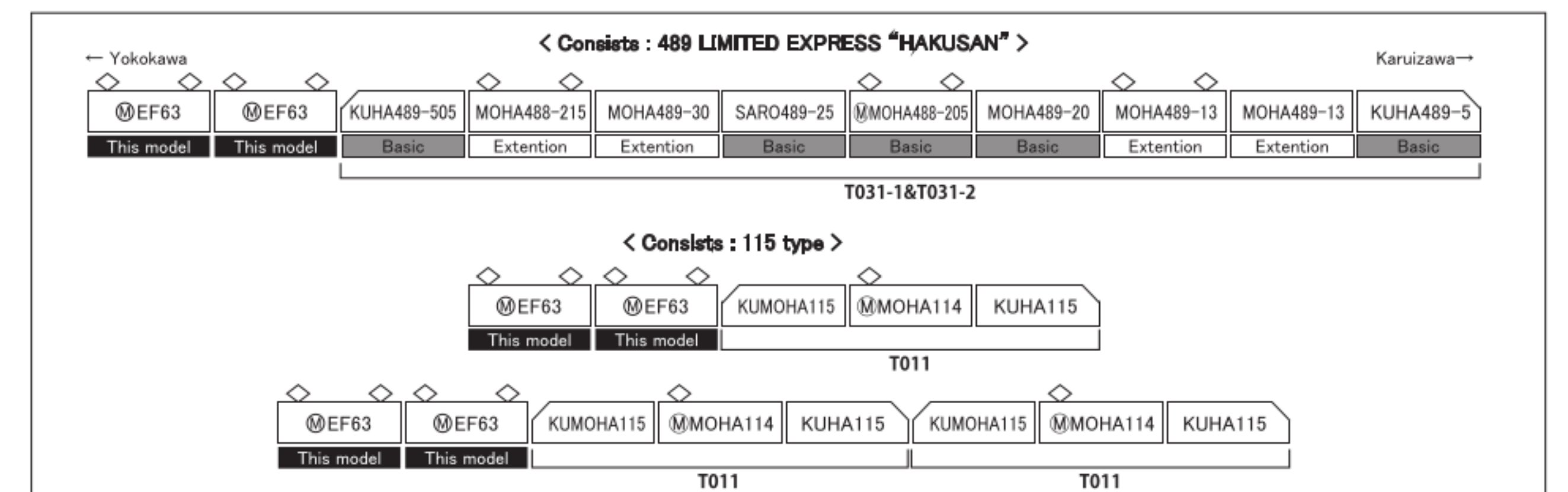


### 8. Arnold coupler for 115 Type

When connecting EF63 (This product) and 115 type, (T011) (Sold separately) replace the skirt part of EF63 (This product) with A023 and install Arnold coupler for 115 Type. (Included)  
\* Manual of A023 has more information on how to install.

### 9. Formation ~Yokokawa Sta. - Karuizawa Sta. on Shinetsu Main Line ~

EF63 electric locomotive was developed as an auxiliary engine for trains running on the Shinetsu Main Line between Usui Pass\*, a section with a maximum steep gradient of 66.7%, and was also called the "Sherpa of the Pass". It was always assembled with two EF63 cars and was connected to the Yokokawa side of all trains running between Yokokawa Station and Karuizawa Station, pushing up the trains going up the slope and slowing down the trains going down. It can be used with Series 115 (T011) and Series 489 (T031), which are sold separately from Rokuhan. We hope you enjoy multiple operation.  
Usui Pass\* : located between Yokokawa Station (Gunma prefecture) and Karuizawa Station. (Nagano prefecture)



### 10. Maintenance

- If this product does not work, make sure feeder cable and power are plugged in a place properly, then the positions of main switch and direction selector on controller should be checked. Also please make sure batteries for controller are set in place if using without AC adapter.
- The metal wheels and tracks may be dirty if this product does not run smoothly. Please remove the dirt on the metal wheels and tracks with a clean cloth and rail cleaner.  
\* DO NOT put excessive power on the wheels when cleaning them.
- This product is precise model. Please pay attention to avoid damaging, dropping or putting excessive pressure. Handle it with care.

### 11. Trouble and repair

- Any trouble, accident, or injury caused by misuse, disassembling and modification of this product are not responsibility of Rokuhan. And Rokuhan DOES NOT accept repair requests of any products which have been disassembling or modified.
- Product specification and appearance are subject to change without prior notice.
- Available only as completed product.
- Contact Rokuhan customer service if you have any questions about this product.