

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

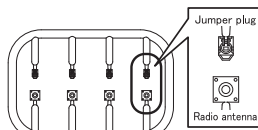
- Please be sure to use only a Rokuhan controller to operate this product.
- Clean up tracks (metal rails) before operation.
- Remove dirt and dust on wheels.
- DO NOT operate continuously over a long period of time.
DO NOT change train direction suddenly. Stop train first then change direction.
- In the case of derailment or short circuit, turn off the power of controller immediately, unplug the controller, and then eliminate the cause of problem.
- Disassembling and modification work could cause failure of this product.
- Storing this product under sunlight or fluorescent light for long time could cause change in color.
- Store and operate this product at dry dust free place, keep away from dusty, high temperature, humidity place, and sources of heat.
- To avoid shock or electrocution, do not operate this product in a wet condition or operate with wet hand.
- This product includes small and sharp edged parts. So, please handle with care.
- Please be careful not to be injured when using the tools.
- This product is not recommended for use by children under 15 years old unless supervised by an adult.

2. Parts List

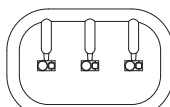
<1>



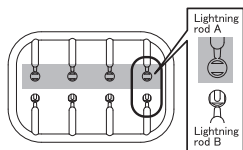
1. EF65 Electric locomotive...1pc



2. Jumper plug...4pcs
(3pcs are spares)
Radio antenna...4pcs
(2pcs are spares)



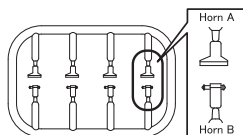
3. GPS antenna...3pcs
(2pcs are spares)



4. Lightning arrester A/B...4pcs
(2pcs are spares)
No used part A



5. Dummy coupler bumper...1pc

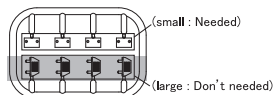


6. Horn A and B...4pcs
(2pcs are spares)
Horn A for T035-5
Horn B for T035-6



7. Radio/GPS antenna fitting jig...1pc

<2>



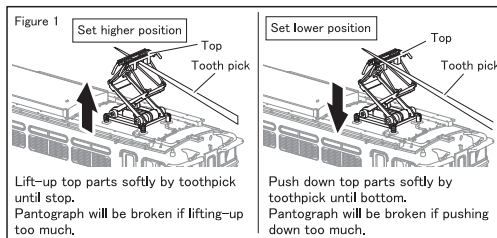
8. Cooler part small/Large...4pcs
(2pcs are spares)
No used part large



9. Instruction manual1 pc

3. How to set pantograph height

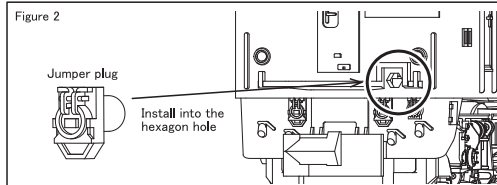
Please use tooth pick or similar tool. (See Figure 1)



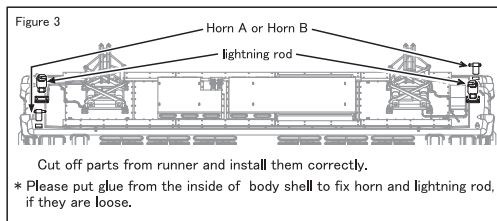
4. How to install the accessory parts

4-1 How to set jumper plug, Lightning rod and Horn

Please insert jumper plug in place. (See Figure 2)



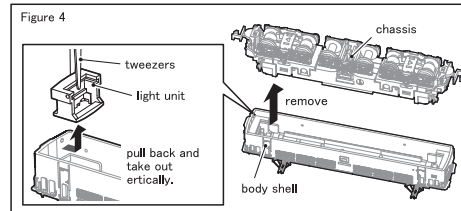
<How to set lightning rod and horn>
Please set lightning rod and horn. (See Figure 3)



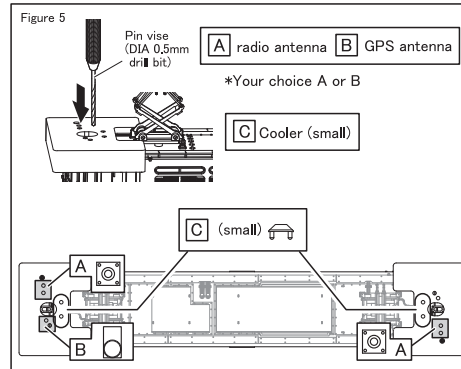
4-2 How to install Radio/GPS antenna (Recommend for advanced modeler)

- Required high skill for this process. Please proceed it carefully.
- Use pin vise (DIA 0.5mm drill bit) to make small hole in the body shell.
- Please pay attention to handle with sharp tools and plastic parts.

1) Remove Light unit from chassis.
Remove body shell from chassis first. Then, slightly expand body over pull back and take out light unit vertically (See Figure 4).
* Please pay attention during disassembly process, otherwise break transparency parts.



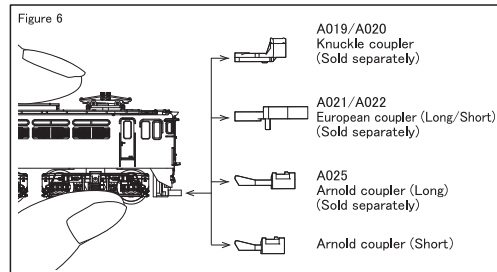
2) Make holes on body shell in place.
Place Radio/GPS antenna fitting jig, then make holes on body shell each location in places shown. (See Figure 5)



5. How to change coupler

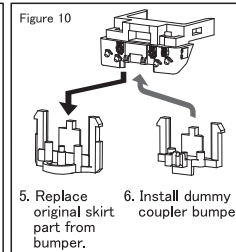
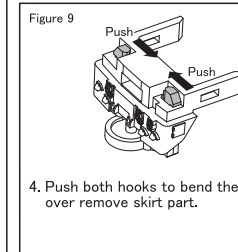
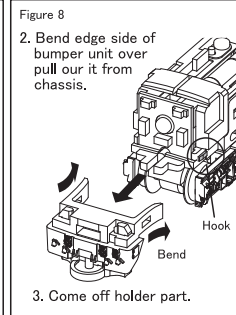
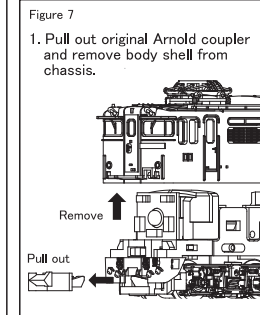
5-1 How to install other functional coupler

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



5-2 How to change dummy coupler and bumper

Pull out original Arnold coupler, then detach bumper unit from chassis. (Refer to Figure 7, 8, 9 and 10).
Then, set it with the opposite procedure.



6. 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 up.
- This product is precise model. Please pay attention NOT to damage, drop or put excessive pressure. Handle it with care.

7. Trouble and repair

- Any trouble, accident, or injury caused by misuse, disassembling and modification of this product are subject to no responsibility by Rokuhan.
- And Rokuhan DO NOT accept repair requests of any products which have been disassembling or modifications.
- Product Specification and appearance are subject to change without prior notice.
- Available only completed product.
- Take contact Rokuhan customer service if you have any questions about this product.