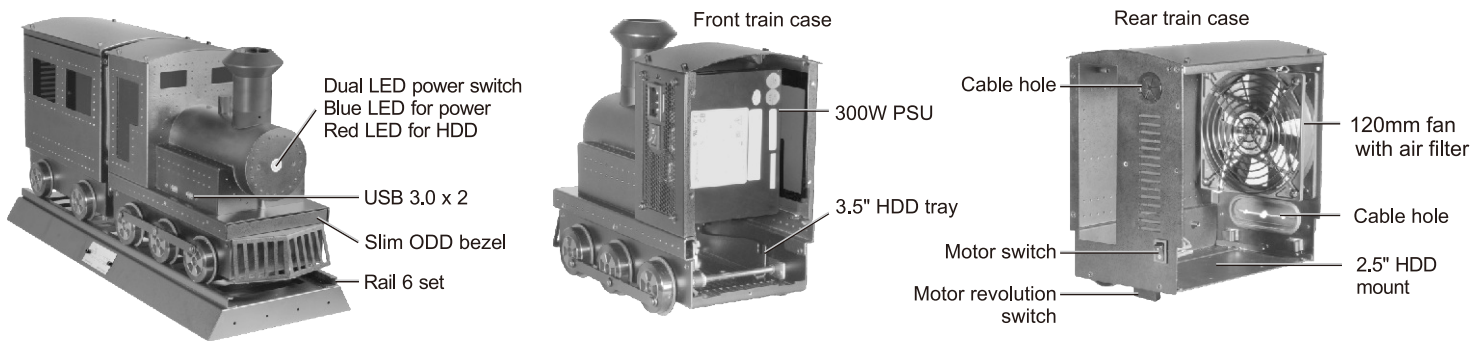


# Installation Guide

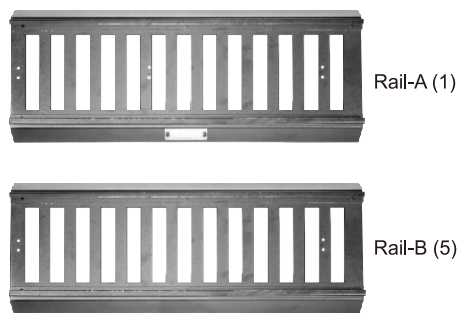
## Case components



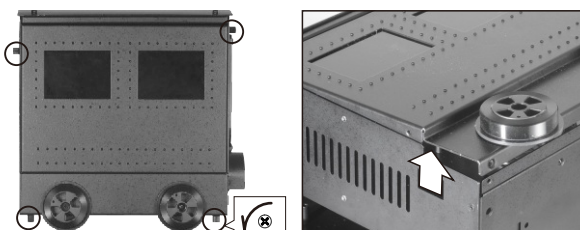
## Hardware list

\*Extra quantities are spare parts.

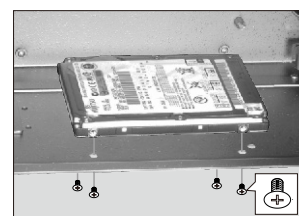
Screws (12) for M/B & bracket-A / bracket-B	Rubber ring (4) for 3.5" HDD	Buzzer (1)	Cable tie (1)
Screws M2 x 4mm (4) for slim ODD	Screws 6# 32*9.5 (4) for 3.5" HDD	Rail connectors (5) for connect rail	Cable (1)
Screws (6) for 2.5" HDD & battery holder	Bracket-A (1) for chassis anti-slip tab	Battery cases (2) for AA alkaline	Watering device (1)
Thumb screws (10) for rail locking connector	Bracket-B (2) for motor circuit brackets	Battery holder (1)	



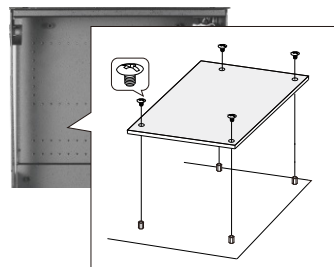
### Remove side panel



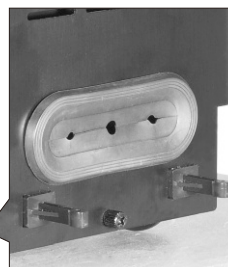
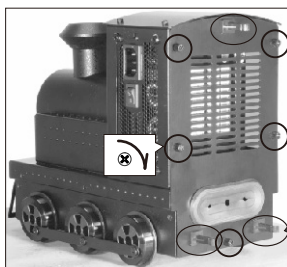
### 2.5" HDD installation-1



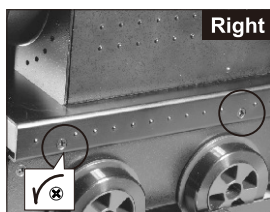
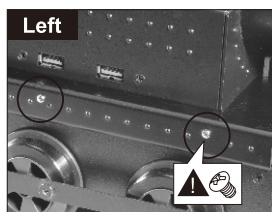
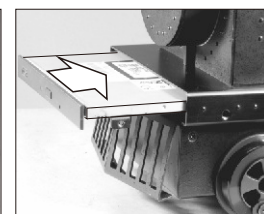
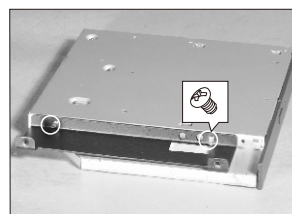
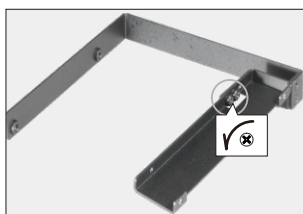
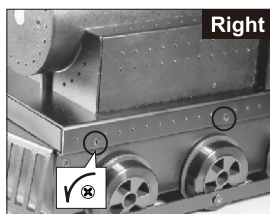
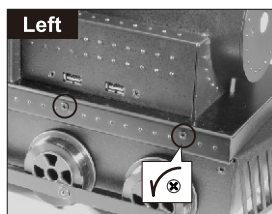
### Motherboard installation



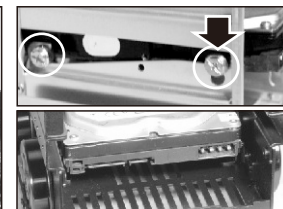
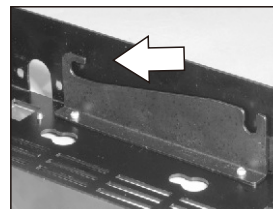
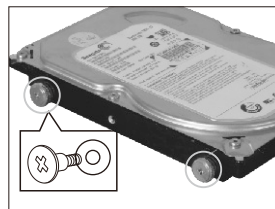
### Connect the front / rear train case



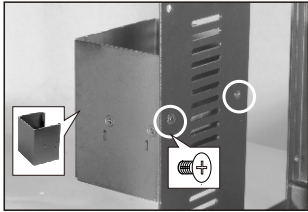
### Slim ODD installation



### 3.5" HDD installation

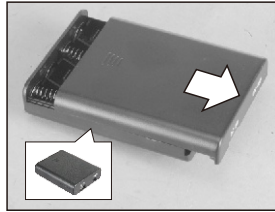


### Battery holder installation

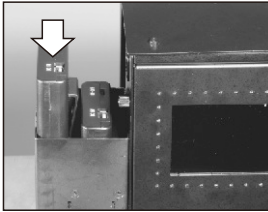


Place the battery case holder on the back of the rear chassis and secure it with 2 flat head screws.

### Battery case installation



Open battery case cover and insert 4 AA alkaline batteries.

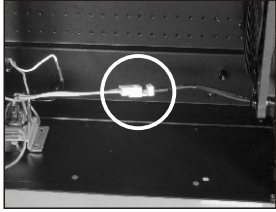


Insert battery case into battery holder.

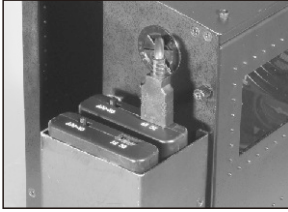
## Attention:

- Use distilled water for smoke production.
- Please use AA alkaline batteries.
- When using the smoke function, large amounts of steam will be produced, thus, the system cannot be in operation and electronic products in the locomotive must be removed.

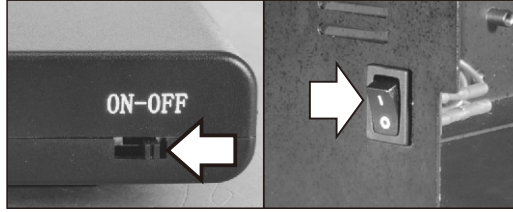
### Motor start installation



First lead the motor power cable to the rear of the chassis and connect it.

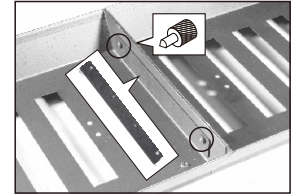


Thread the USB power cable to the cable hole at the rear of the chassis and insert it into the battery case.



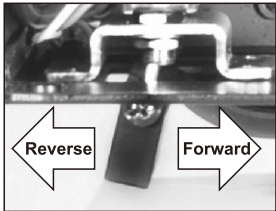
Turn on both switches to start the motor.

### Rail connectors installation

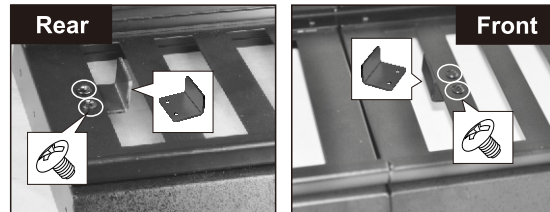


Place two rails together, link with connector, and lock in place with 2 screws.

### Using the motor circuit switch

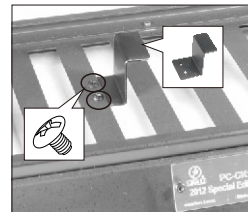


### Motor circuit bracket installation

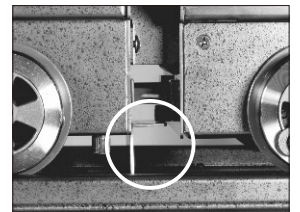


Place the motor circuit bracket on rail-B and secure it with 2 umbrella head screws.

### Chassis anti-slip tab installation

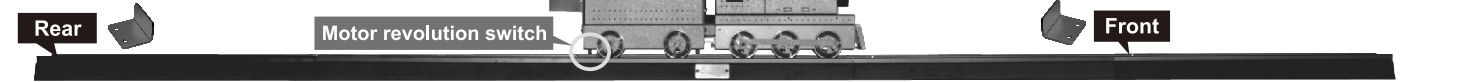


Place tab on the center of rail-A and secure with 2 umbrella head screws.



Brace against chassis to prevent left-right slippage.

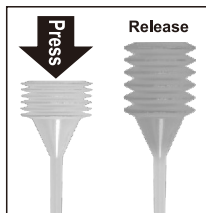
**⚠ Please note motor circuit bracket installation position. Leave a larger space towards the front of the locomotive to prevent the locomotive from overrunning the track.**



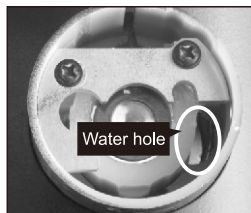
### Smoke starter installation



Twist open smokestack cover to reveal water hole.



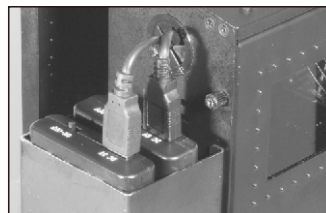
Place watering device in a basin, press down then release to fill with water.



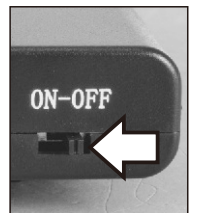
**⚠ Water added should not exceed the height of the water hole.**



Press down to add water, add water approximately 3 times to fill completely.

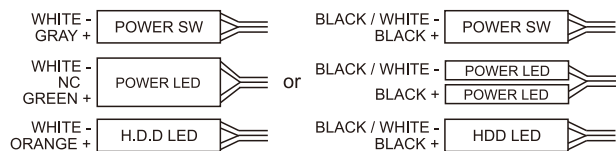


Thread the USB power cable from the front of the locomotive to the cable hole at the rear of the chassis and insert it into the battery case.

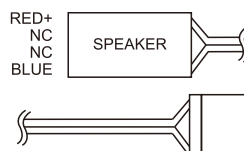


Turn on the switch to emit smoke.

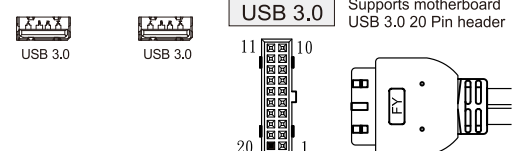
### Cable installation guide



### Buzzer installation



### I/O port installation



### Power electrical specification

