

Issue 45

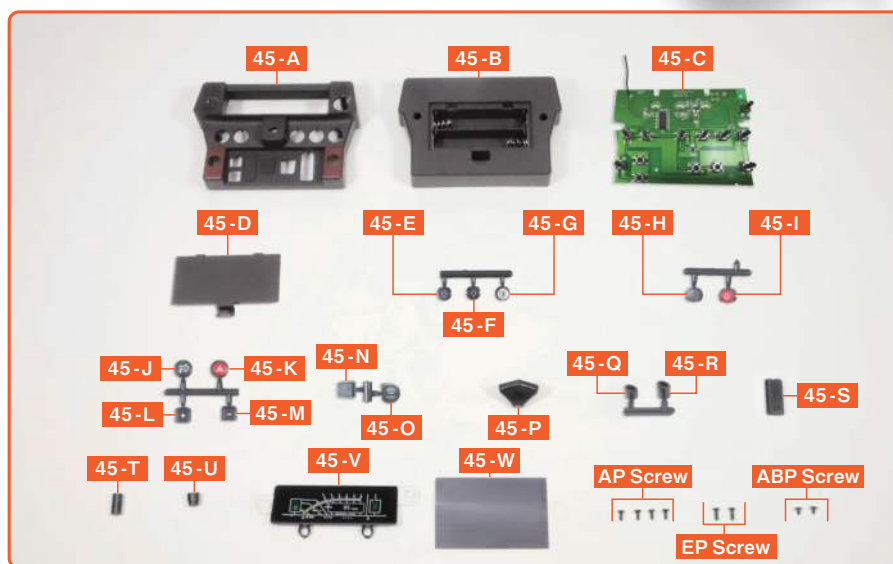
In this issue, we will assemble the remote control unit used to operate the model's electronic functions, then connect it to the chassis assembled up to Issue 44 to test the operation of the model's features.

Before you begin assembly, prepare five AAA alkaline batteries to power the remote control unit.



Assemble the Remote Control Unit and Test the Electronic Functions

※In this guide "Left" or "(L)", and "Right" or "(R)", refer to the direction as viewed from the driver's seat.



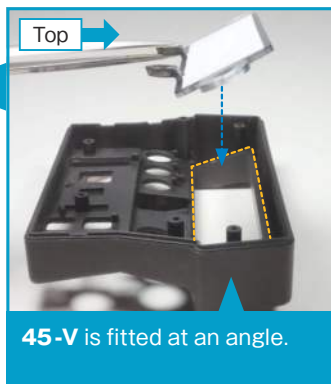
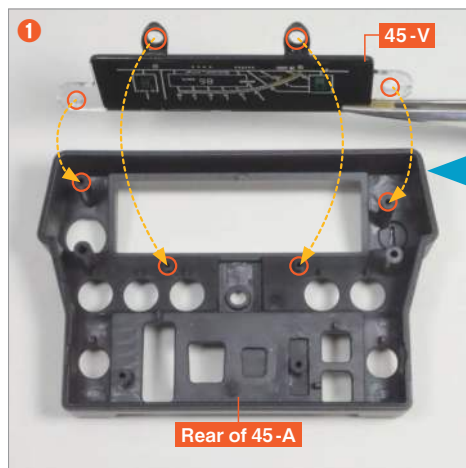
45-A	Remote Control Upper Case
45-B	Remote Control Lower Case
45-C	Remote Control PCB
45-D	Battery Box Cover
45-E	Turn Signal Button (R)
45-F	Turn Signal Button (L)
45-G	Engine Start Button
45-H	Reset Button
45-I	Light Button (Remote Control Power Switch)
45-J	Fog Lamp Button (for Optional Custom Parts)
45-K	Hazard Warning Light Button
45-L	Volume Up Button (+)
45-M	Volume Down Button (-)
45-N	Brake Pedal
45-O	Light Control Switch
45-P	Horn Button
45-Q	Instrument Panel Spacer (1)
45-R	Instrument Panel Spacer (2)
45-S	Accelerator Pedal
45-T	Switch Spacer (1)
45-U	Switch Spacer (2)
45-V	Combination Meter Panel
45-W	Stickers×3 (two are spare)
AP Screw	(1.7×4mm) ×4+Spare
EP Screw	(2.0×5mm) ×2+Spare
ABP Screw	(1.5×3×5mm) ×2+Spare

View the follow-along video



※Due to the model's design, the shapes of some parts may differ from those of the real vehicle.

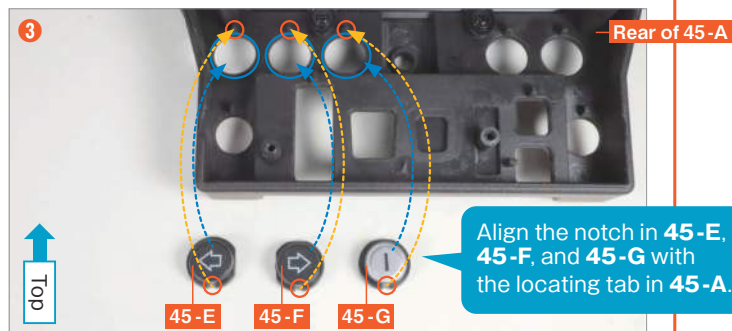
step 1 Assemble the Remote Control Unit



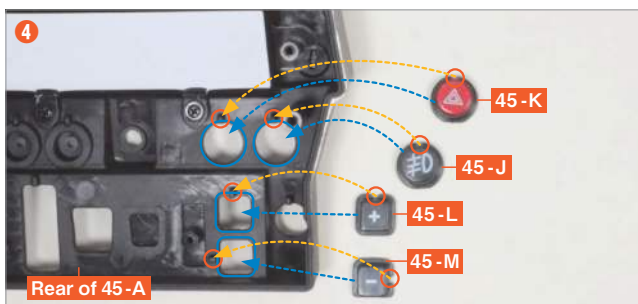
Fit the holes in **45-V Combination Meter Panel** over the four locating pins on the rear of **45-A Remote Control Upper Case**, then secure it in place with two **ABP screws**.



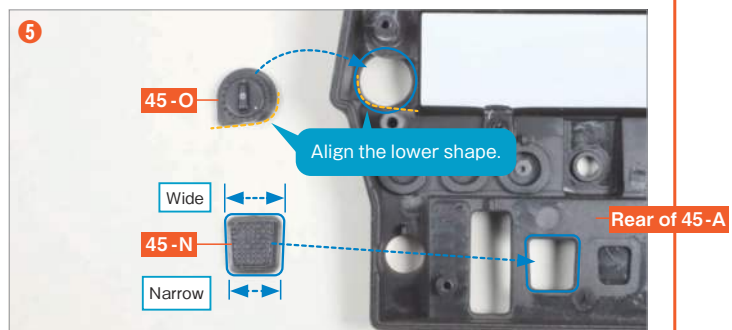
Prepare a pair of model cutters or a craft knife, then carefully remove **45-E Turn Signal Button (R)**, **45-F Turn Signal Button (L)**, and **45-G Engine Start Button** from the sprue.



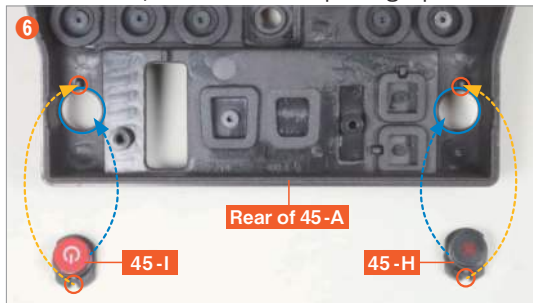
With the marked face of **45-E**, **45-F**, and **45-G** facing the front of **45-A**, insert each button into the corresponding opening from the rear of **45-A**, as shown in the photograph.



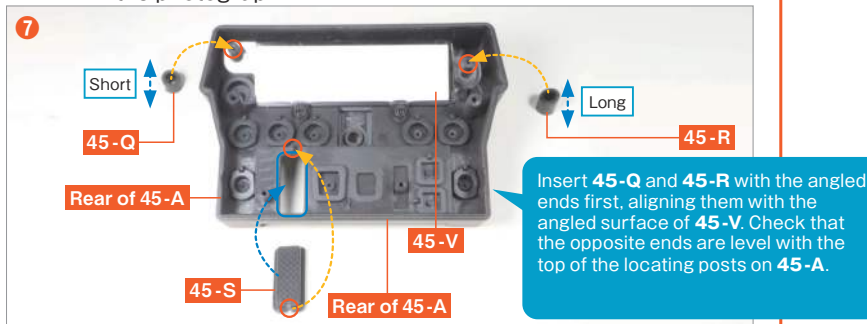
As in Step 2, remove **45-J Fog Lamp Button**, **45-K Hazard Warning Light Button**, **45-L Volume Up Button (+)**, and **45-M Volume Down Button (-)** from the sprue. With the marked face of each button facing the front of **45-A**, insert them into the corresponding openings from the rear of **45-A**, as shown in the photograph.



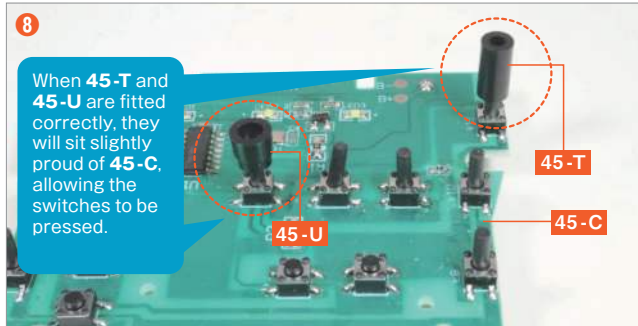
As in Step 2, remove **45-O Light Control Switch** and **45-N Brake Pedal** from the sprue. With the marked face of each part facing the front of **45-A**, insert them into the corresponding openings from the rear of **45-A**, as shown in the photograph.



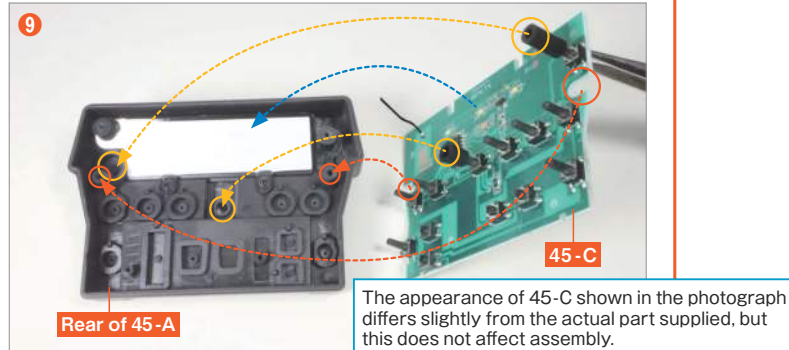
As in Step 2, remove **45-I Light Button (Remote Control Power Switch)** and **45-H Reset Button** from the sprue. With the marked face of each button facing the front of **45-A**, insert them into the corresponding openings from the rear of **45-A**, as shown in the photograph.



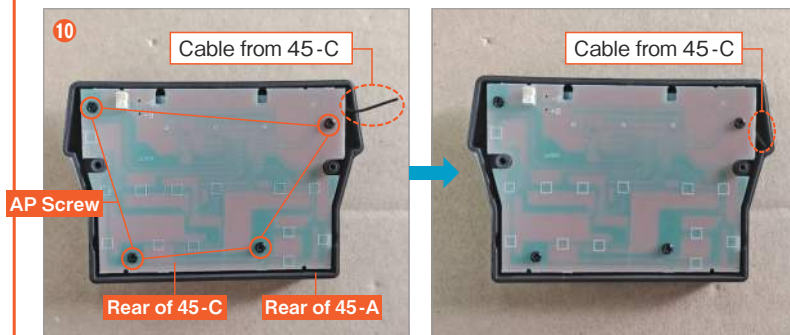
As in Step 2, remove **45-Q Instrument Panel Spacer (1)** and **45-R Switch Spacer (2)** from the sprue. Fit **45-Q**, **45-R**, and **45-S Accelerator Pedal** into the corresponding openings in the rear of **45-A**, as shown in the photograph.



Fit the shallow end of the hole in **45-T Switch Spacer (1)** over the switch post (K11) on **45-C Remote Control PCB**. Then fit the narrow end of **45-U Switch Spacer (2)** over the switch post (K12) on **45-C**.



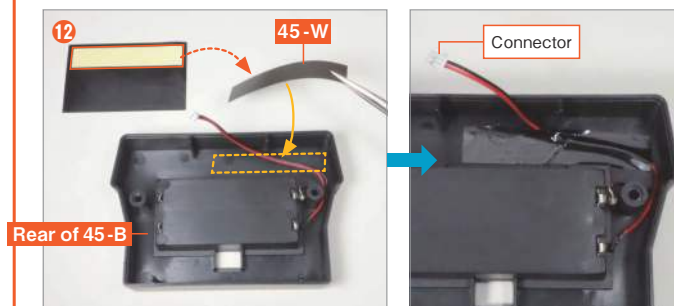
Align the U-shaped notch on **45-C** with the screw-post boss on the rear of **45-A**, then lower **45-C** into position, ensuring that the screw holes are aligned.



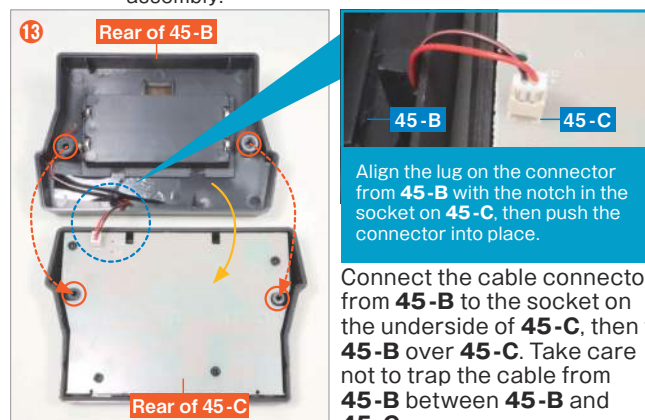
Secure **45-C** with four **AP screws**. Tuck the black cable from **45-C** inside the remote control case, taking care not to trap it between **45-A** and **45-C**.



Turn the assembled remote control unit over and check that all the buttons are correctly positioned. If any button is incorrectly fitted, loosen the **AP screws** installed in Step 10, remove **45-C**, and correct the assembly.



Turn **45-B Remote Control Lower Case** over and route the cable along the bottom surface. Peel one **45-W Sticker** from the backing sheet and apply it over the cable to hold it in place. Leave the connector at the end of the cable raised slightly so that it can be connected more easily later.

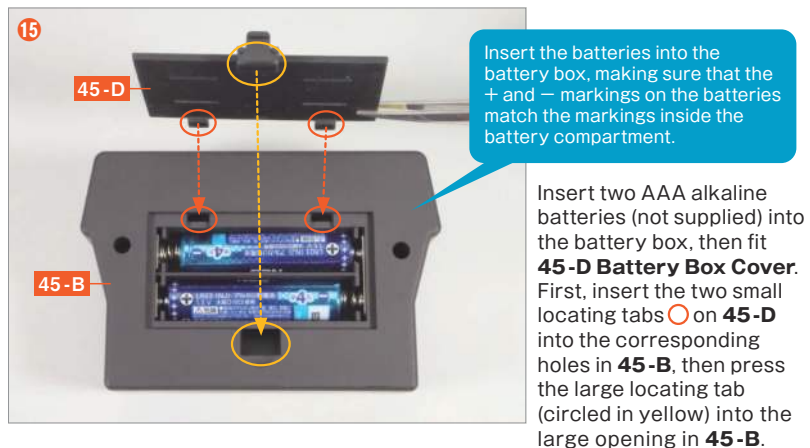


Align the lug on the connector from **45-B** with the notch in the socket on **45-C**, then push the connector into place.

Connect the cable connector from **45-B** to the socket on the underside of **45-C**, then fit **45-B** over **45-C**. Take care not to trap the cable from **45-B** between **45-B** and **45-C**.



Secure **45-B** with two **EP screws**.



Insert the batteries into the battery box, making sure that the + and - markings on the batteries match the markings inside the battery compartment.

Insert two AAA alkaline batteries (not supplied) into the battery box, then fit **45-D Battery Box Cover**. First, insert the two small locating tabs on **45-D** into the corresponding holes in **45-B**, then press the large locating tab (circled in yellow) into the large opening in **45-B**.

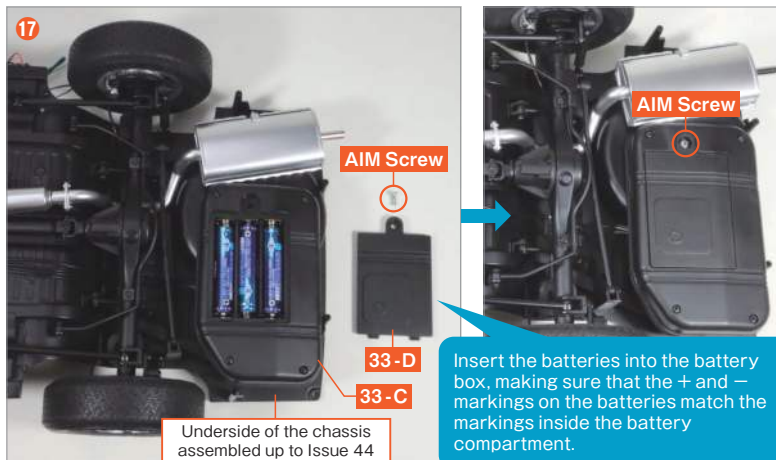


Align the small locating tab on **45-P Horn Button** with the notch in **45-A**, then insert the locating pin on **45-P** into the hole in **45-A**.

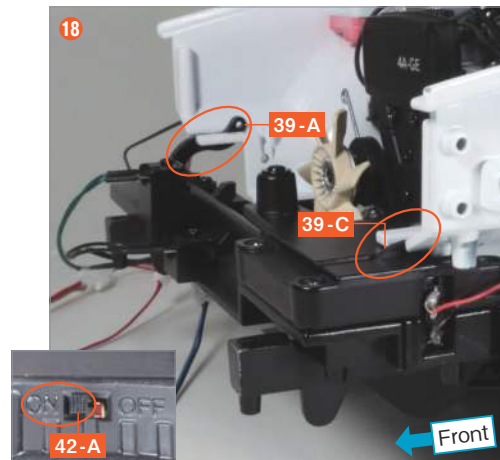
Step complete



step 2 Test the Electronic Functions



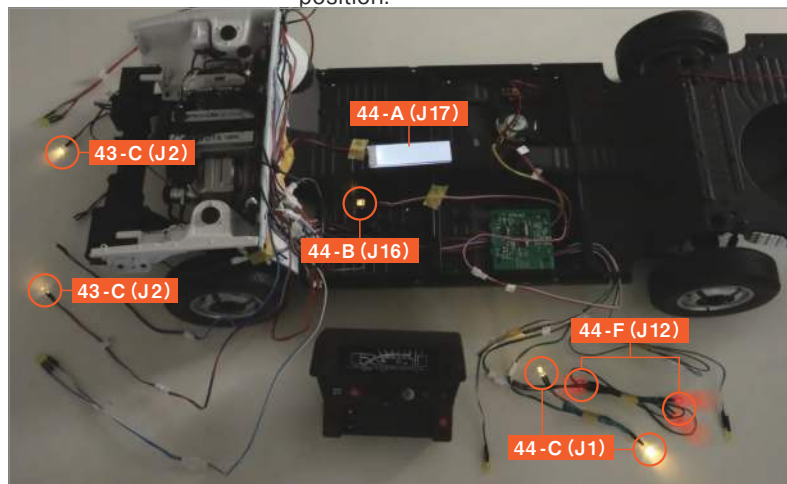
Turn the chassis assembled up to Issue 44 upside down. Loosen the **AIM screw** and remove **33-D Battery Box Cover**. Insert three AAA alkaline batteries (not supplied) into **33-C Battery Box**, then refit **33-D** and secure it with the **AIM screw**.



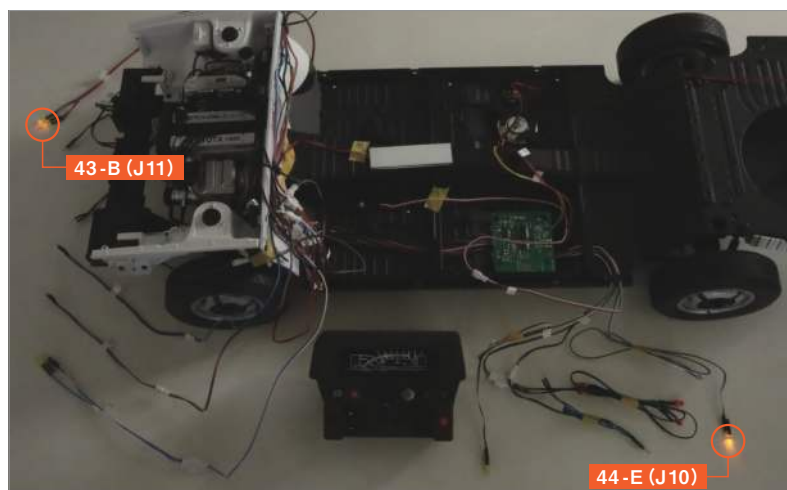
Move the knob on **42-A Power Switch** on the underside of the chassis to the ON position. The **39-A Retractable Arm (1)** and **39-C Retractable Arm (2)** will move to the lowered position.



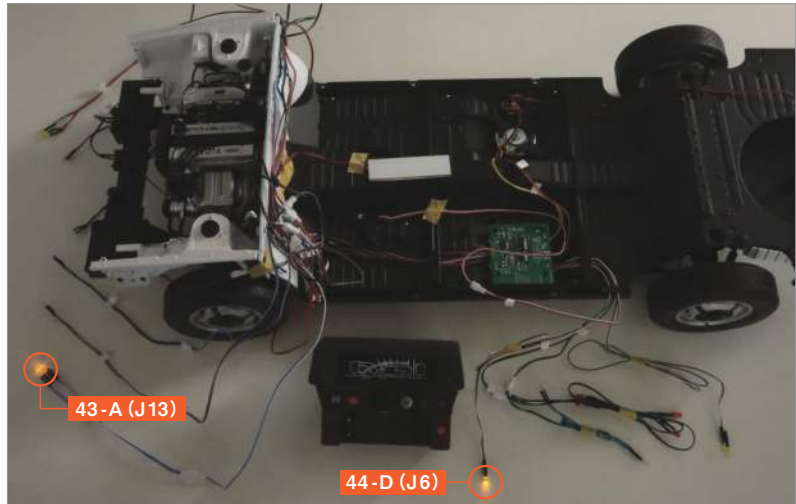
Press **45-I** to switch on the **43-C Front Position Light LEDs (2)**, **44-A Combination Meter LED**, **44-B Room Lamp LED**, **44-C Licence Plate Lamp LEDs (2)**, and **44-F Tail Lamp LEDs (4)**. Press **45-O** to switch off all the lights.



Press **45-E** to activate the right turn signal. A clicking sound will be heard, and the **43-B Front Turn Signal (R) LEDs (2)** and **44-E Rear Turn Signal (R) LED** will flash. Press **45-E** again to switch off **43-B** and **44-E**, and the clicking sound will stop.

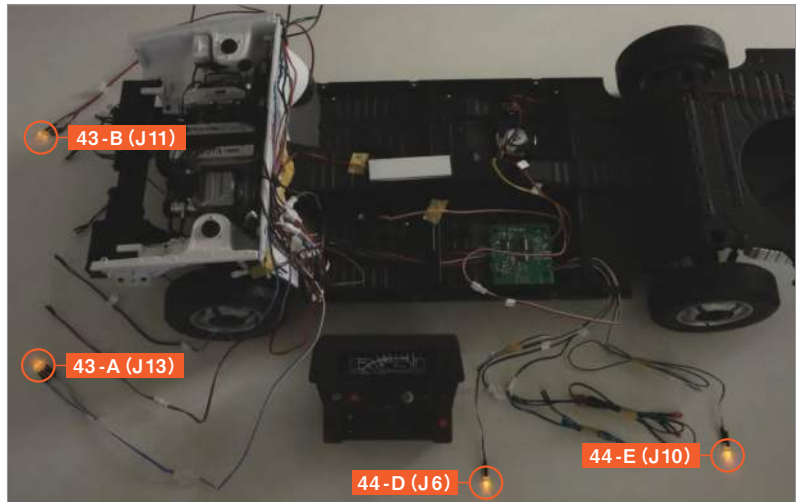


21



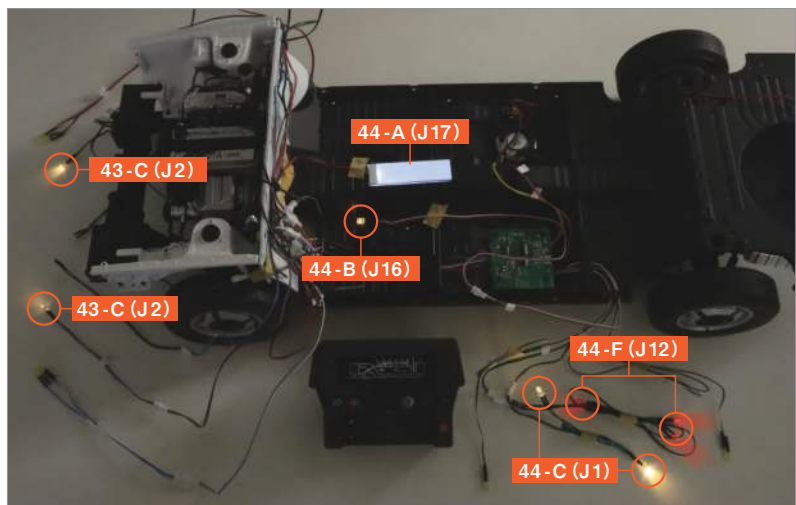
Press **45-F** to activate the left turn signal. A clicking sound will be heard, and the **43-A Front Turn Signal (L) LEDs (2)** and **44-D Rear Turn Signal (L) LED** will flash. Press **45-F** again to switch off **43-A** and **44-D**, and the clicking sound will stop.

22

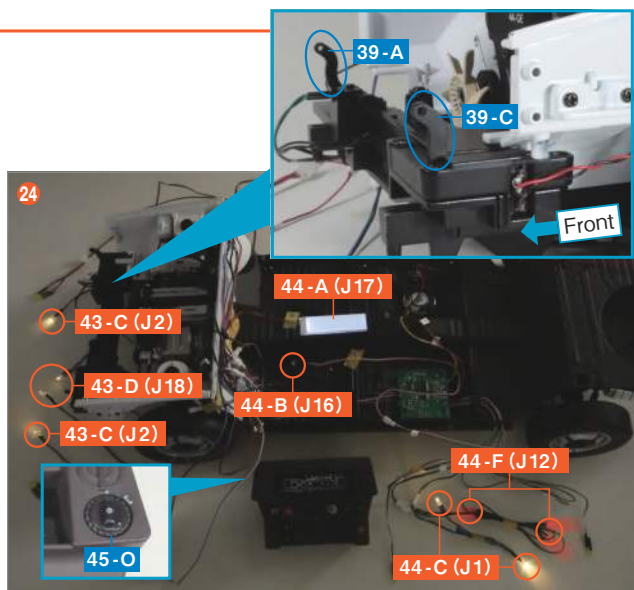


Press **45-K** to activate the hazard warning lights. A clicking sound will be heard, and the **43-A (2)**, **43-B (2)**, **44-D**, and **44-E LEDs** will flash. Press **45-K** again to switch off all the turn signals, and the clicking sound will stop.

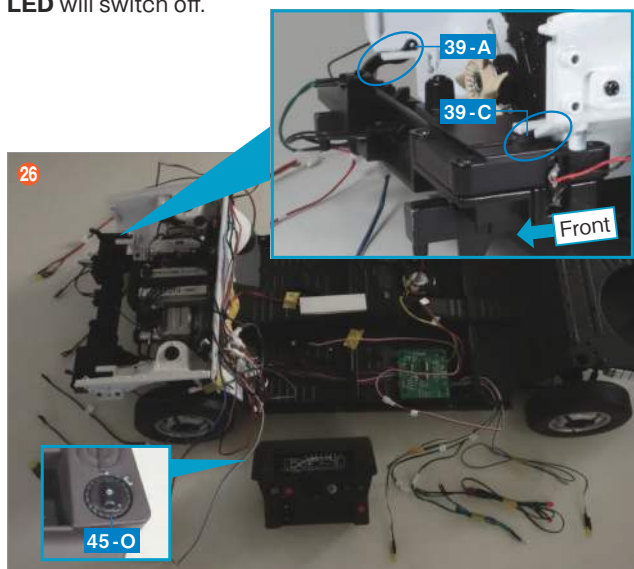
23



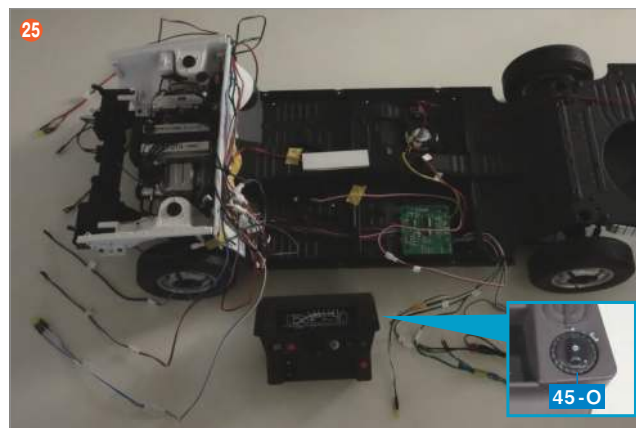
Press **45-O** once to switch on the **43-C Front Position Light LEDs (2)**, **44-A Combination Meter LED**, **44-B Room Lamp LED**, **44-C Licence Plate Lamp LEDs (2)**, and **44-F Tail Lamp LEDs (4)**. When pressing **45-O** repeatedly, leave an interval of approximately one second between each press.



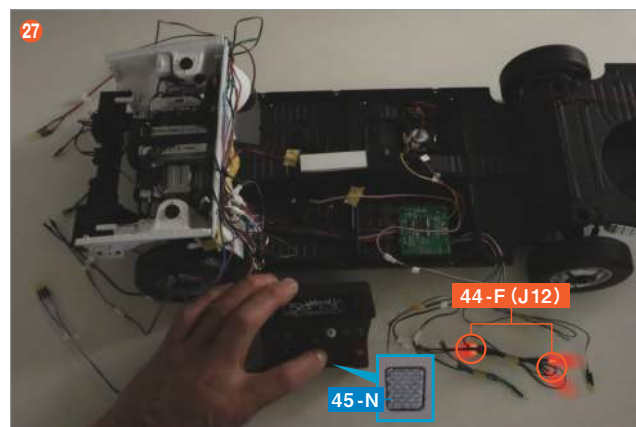
Press **45-O** again (second press) to switch on the **43-C Front Position Light LEDs (2)**, **43-D Headlamp LEDs (2)**, **44-A Combination Meter LED**, **44-C Licence Plate Lamp LEDs (2)**, and **44-F Tail Lamp LEDs (4)**. At the same time, **39-A Retractable Arm (1)** and **39-C Retractable Arm (2)** will raise the headlamps. **44-B Room Lamp LED** will switch off.



Press **45-O** once more (fourth press). **39-A Retractable Arm (1)** and **39-C Retractable Arm (2)** will lower, returning the model to its initial state with all functions switched off.



Press **45-O** once more (third press) to switch off all the lights.



Press **45-N** to switch on the **44-F Tail Lamp LEDs (4)**. The lights will switch off when **45-N** is released. If the **44-F Tail Lamp LEDs (4)** are already illuminated (Steps 23 Steps 24), pressing **45-N** will increase their brightness. Releasing **45-N** will return them to their normal brightness.

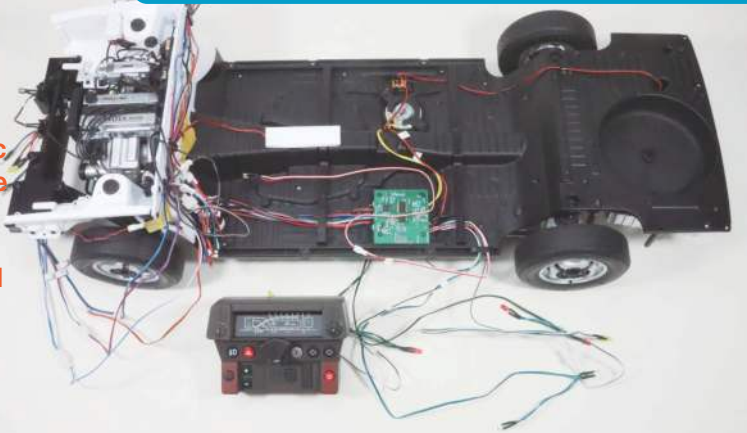


Press each button to test the sound functions

- Press **45-G** to play the engine start-up sound. The engine will idle for a short time, followed by a blipping sound as the engine speed briefly increases, before the sound sequence ends.
 - Press **45-P** to sound the horn. The horn will continue to sound until the button is released.
 - While **45-S** is held down, the sound of the accelerator being pressed and the engine revving will be heard.
 - Press **45-L** to increase the volume and **45-M** to decrease it. The volume changes one level each time the corresponding button is pressed.
- Press **45-H** to stop any function that includes sound.

Complete

The assembly for Issue 45 is complete. With the lighting and sound functions now operational, the model is even more realistic than before. In this issue, you tested only the operation of the retractable headlamp mechanism. The headlamps themselves will be checked again after they have been fitted to the chassis in a later issue. In Issue 46, you will add the battery (model part), ignition coils, and other auxiliary components to the engine compartment.



When storing the chassis and the remote control, remove the batteries from both battery boxes to prevent battery drain or leakage.

Custom Parts Assembly Guide ②

Parts supplied in the first delivery

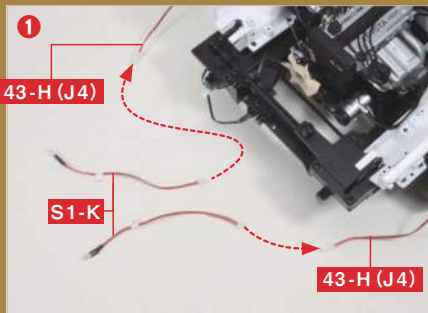
Test the operation of the Fog Lamps



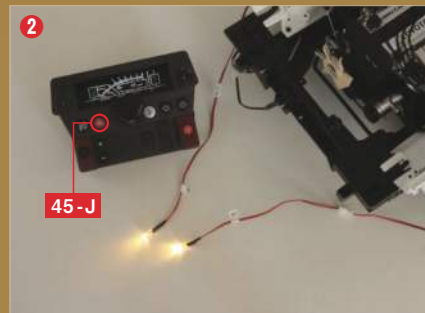
※Assembly guide for purchasers of the optional custom parts.

※Please note that once the custom parts have been assembled, they cannot be replaced with the standard parts.

step 1 Test the Operation of the Fog Lamps



Connect the two **S1-K Fog Lamp LEDs** stored in Issue 43 to the **43-H Fog Lamp Cables** positioned on the left and right at the front of the chassis.



Switch on the power to both the chassis and the remote control, then press **45-J**. The two **S1-K LEDs** will illuminate. Press **45-J** again to switch them off.

Complete

The assembly for Custom Parts Guide 2 is complete.

You have now confirmed the operation of the fog lamps. The fog lamps will be fitted to the body together with the front bumper in a later issue. For storage, you may disconnect them if you wish, but they can also be left connected.

