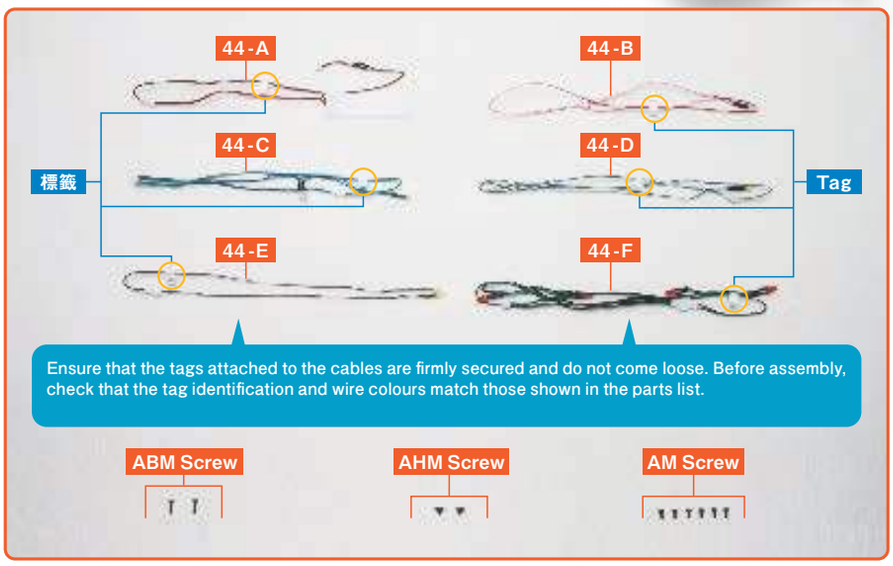
## Issue 44

In this issue, we will complete the wiring of 42 -D Main PCB assembled up to Issue 43, then fit it to the chassis.
You will also route the wiring towards the front and rear of the chassis. As this is another delicate stage of the assembly, handle all cables with great care.

# Connect the Wiring for the Electronic Functions (3)

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



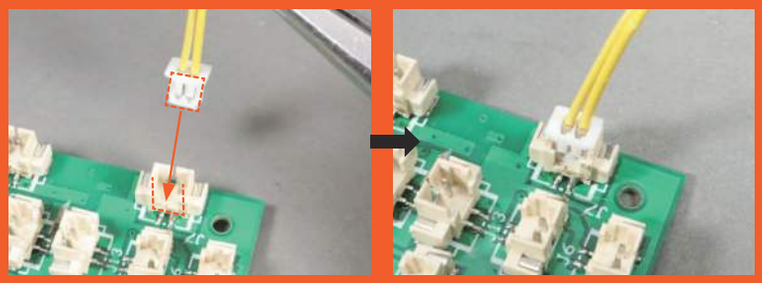

| | |
|---|---|
| 44-A | Combination Meter LED (Tag: J17, wire colors: red/black) |
| 44-B | Interior light LED (Tag: J16, wire colors: red/white) |
| 44-C | License Plate Light LED (Tag: J1, wire colors: blue/green) |
| 44-D | Rear Turn Signal (L) LED (Tag: J6, wire colors: white/black) |
| 44-E | Rear Turn Signal (R) LED (Tag: J10, wire colors: green/white) |
| 44-F | Taillight LED (Tag: J12, wire colors: black/green) |
| ABM Screw | (1.7×6mm) ×2+Spare |
| AHM Screw | (2.0×3×5mm) ×2+Spare |
| AM Screw | (1.7×4mm) ×6+Spare |

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

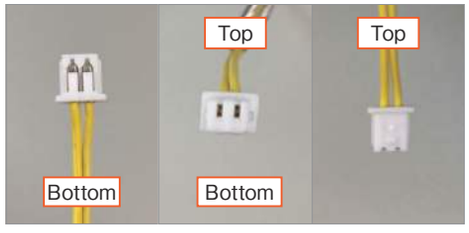
## View the follow-along video

## step 1 Connect the wiring for the electronic functions to 42-D Main PCB

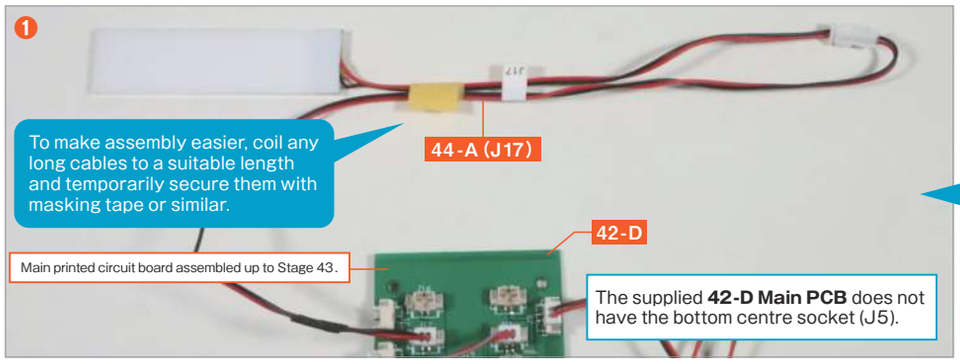
### When Connecting the Connectors

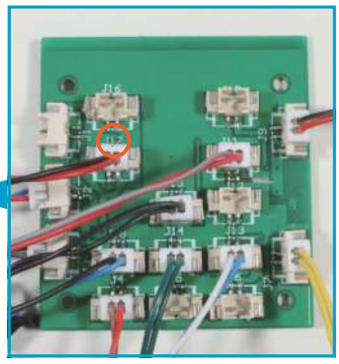


Insert each cable connector into the socket on **42-D Main PCB**, ensuring that the lug on the connector is aligned with the notch in the socket. Handle **42-D Main PCB** and all cables with care to avoid damaging or breaking the wires.

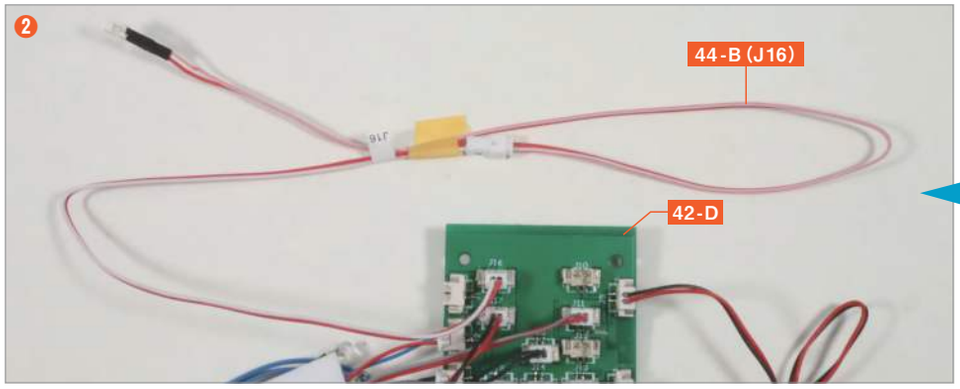


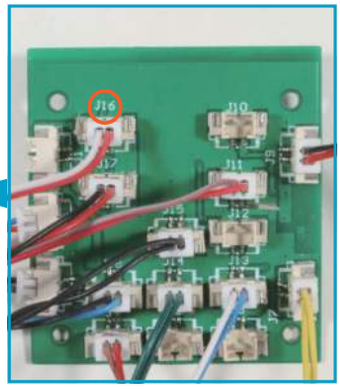

Each connector has a correct orientation. Do not attempt to insert it upside down, as this may damage the connector. Make sure it is correctly aligned before inserting it.



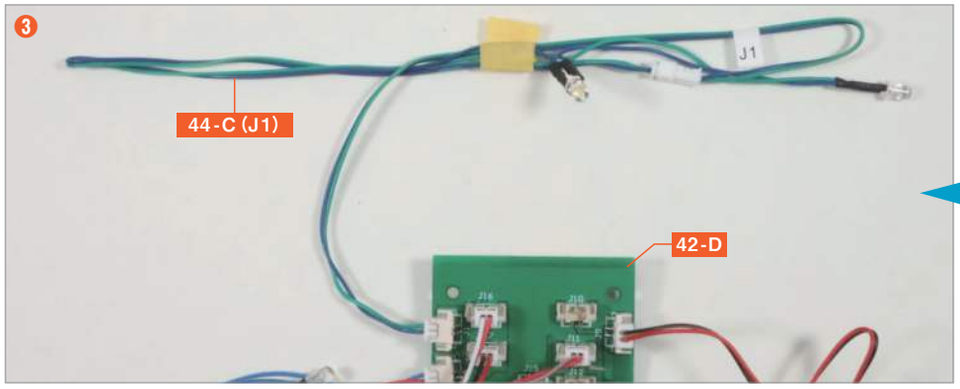



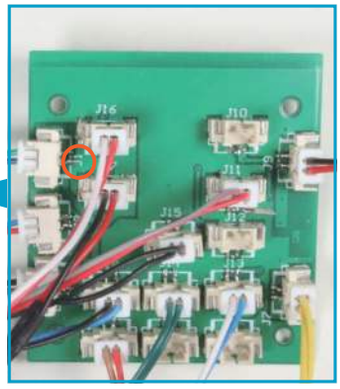
Prepare **42-D Main PCB** assembled up to Issue 43, then connect the connector from **44-A Combination Meter LED** to socket J17 on **42-D Main PCB**.



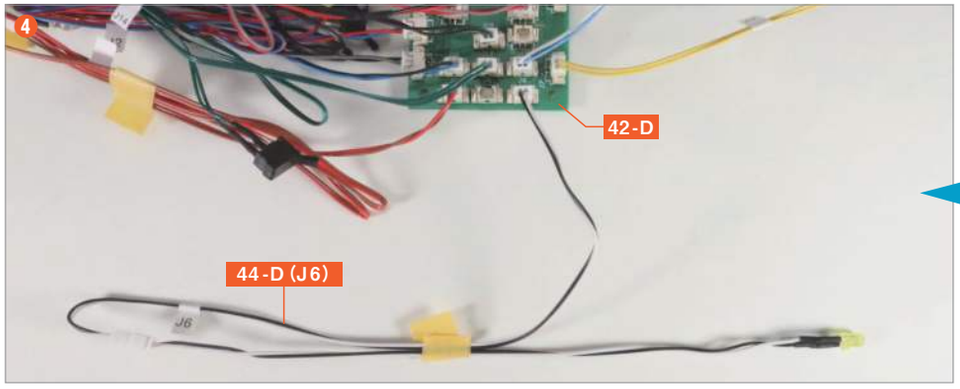



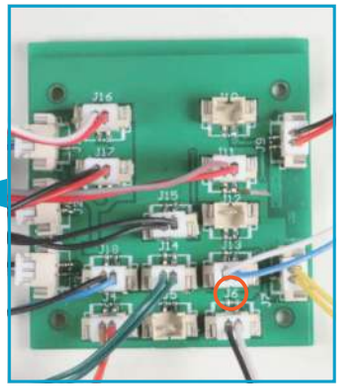
Connect the connector from **44-B Room Lamp LED** to socket J16 on **42-D Main PCB**.



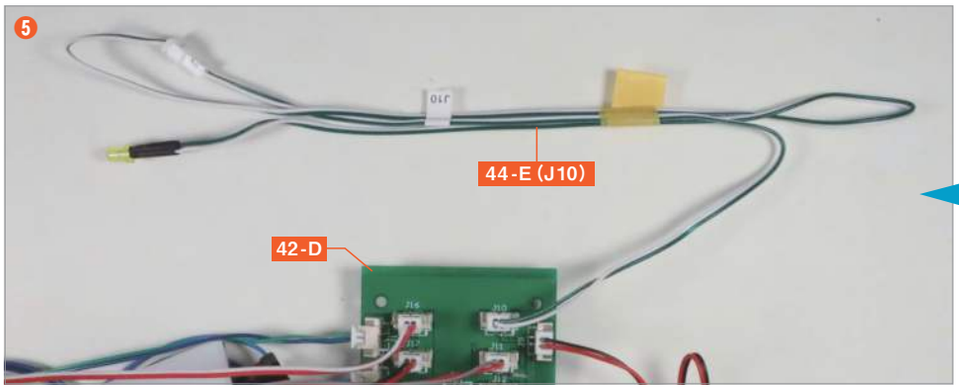
Connect the connector from **44-C Licence Plate Lamp LED** to socket J1 on **42-D Main PCB**.

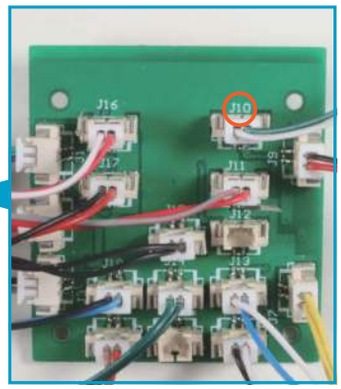


Connect the connector from **44-D Rear Turn Signal (L) LED** to socket J6 on **42-D Main PCB**.

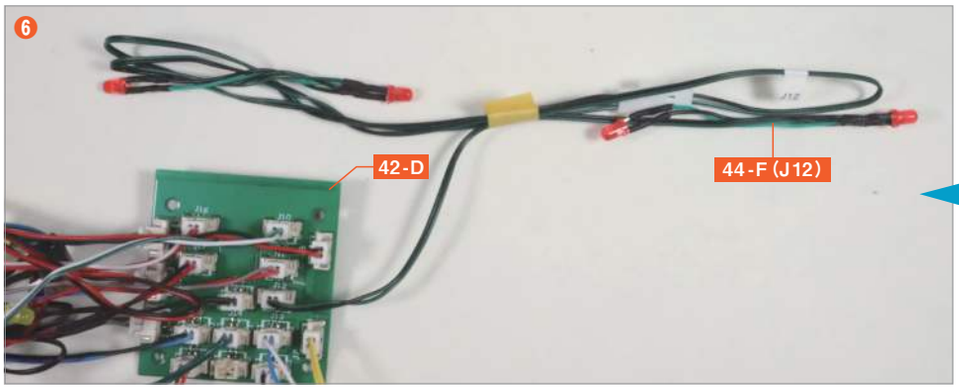
5

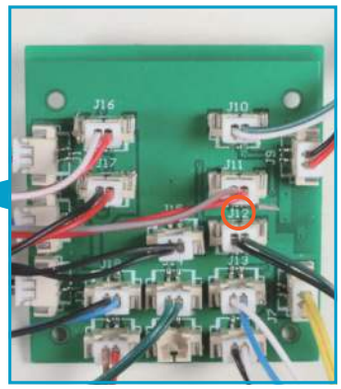



Connect the connector from **44-E Rear Turn Signal (R) LED** to socket J10 on **42-D Main PCB**.

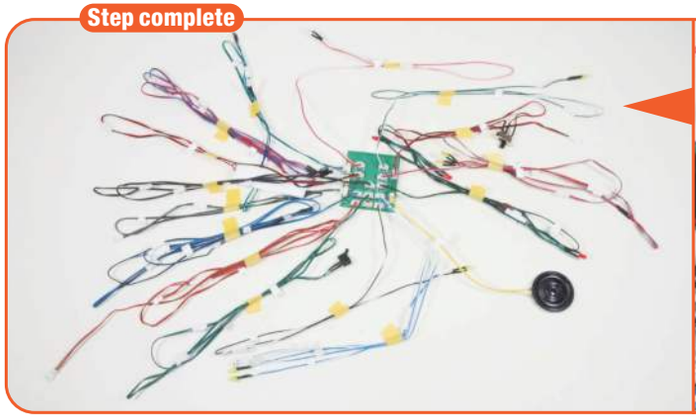
6

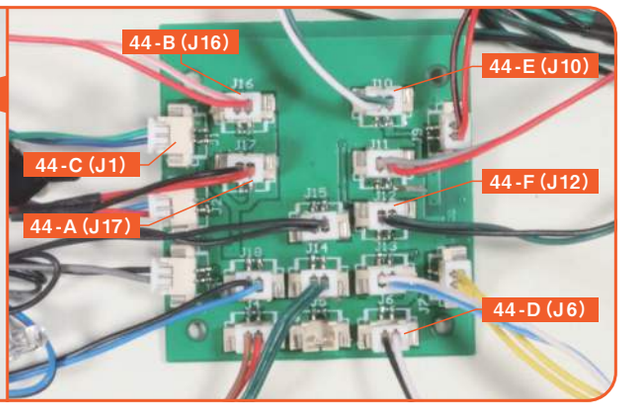



Connect the connector from **44-F Tail Lamp LED** to socket J12 on **42-D Main PCB**.

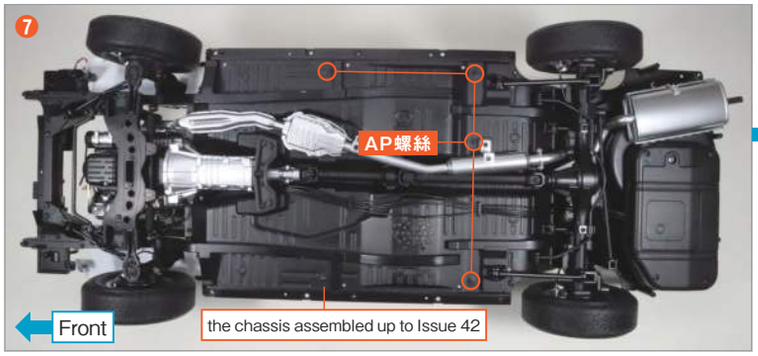
Step complete

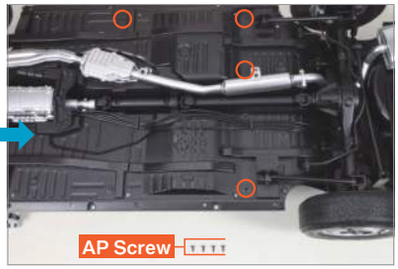




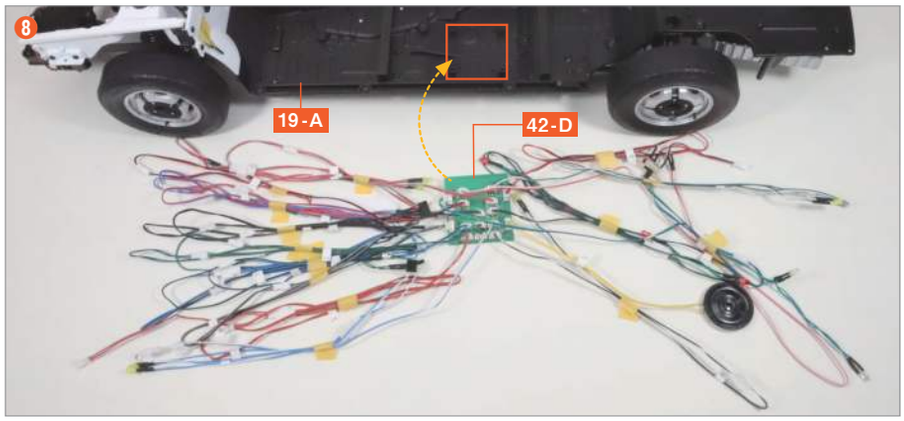

## step 2 Route the Wiring on the Chassis

7

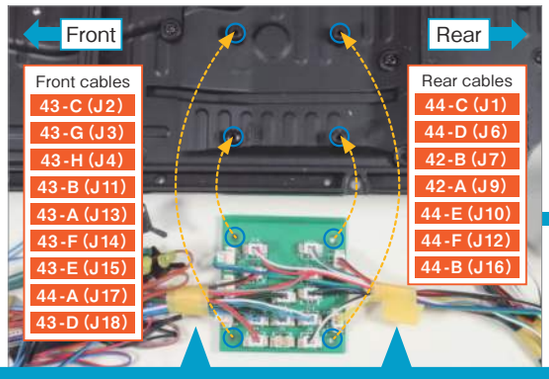


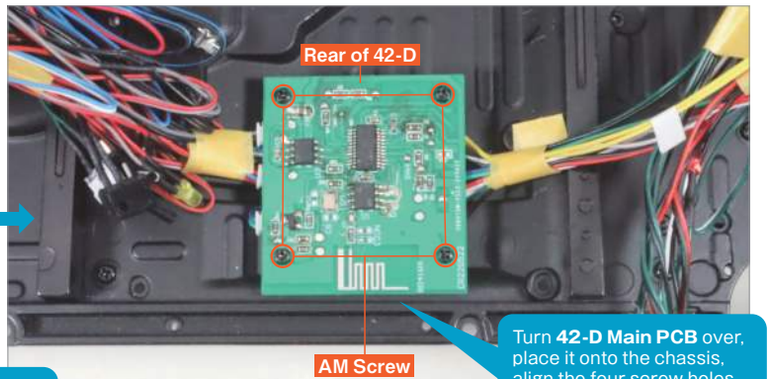

Prepare the chassis assembled up to Issue 42 and carefully turn it upside down. Remove the four AP screws circled in red. Keep the removed screws safely, as they will be used again later.



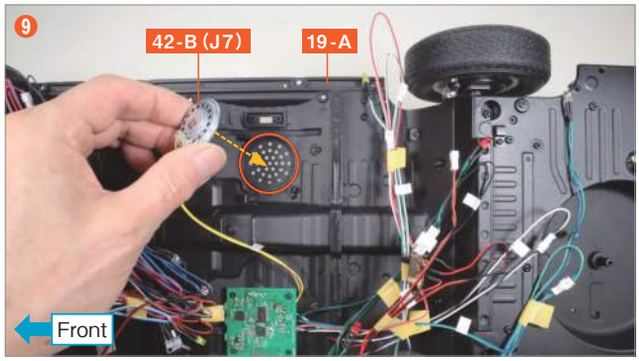

Turn the chassis over so that it is the right way up. Place **42-D Main PCB** onto the four mounting posts with screw holes on **19-A Floor Pan**, aligning the four screw holes, then secure it in place with four **AM screws**. Handle the cables with care to avoid damaging or breaking the wires.



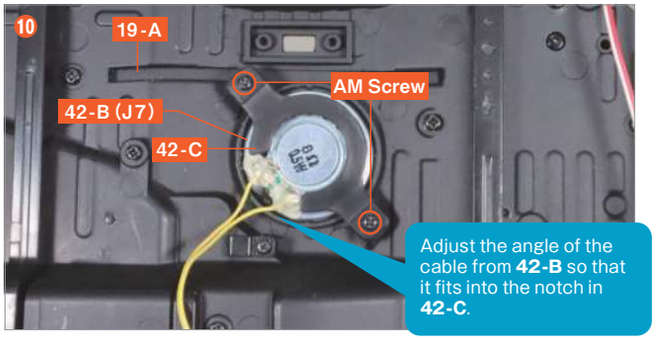

With the text on **42-D Main PCB** facing upwards, route the cables towards the front and rear of the chassis. To make the following assembly easier, temporarily bundle and secure the cables with masking tape.




Turn **42-D Main PCB** over, place it onto the chassis, align the four screw holes, and secure it in place.

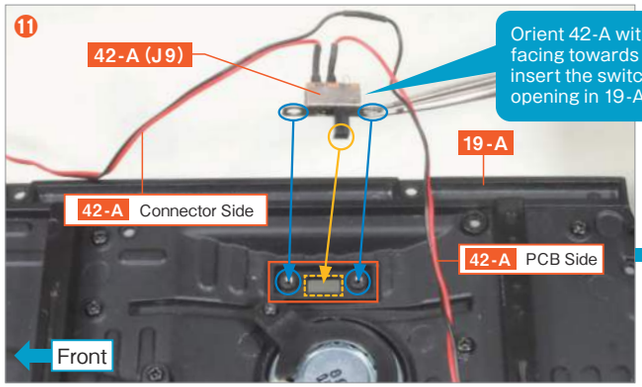



Remove the masking tape bundling the rear cables. With the black side of **42-B Speaker** facing downwards, fit it into the circular recess in **19-A Floor Pan**.

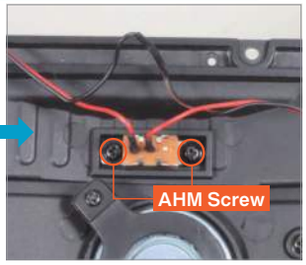


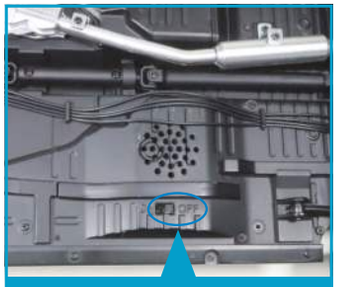

Adjust the angle of the cable from **42-B** so that it fits into the notch in **42-C**.

Prepare **42-C Speaker Holder** stored in Issue 42. Fit the recesses in **42-C Speaker Holder** over the two mounting posts with screw holes on **19-A Floor Pan**, then secure it in place with two **AM screws**.



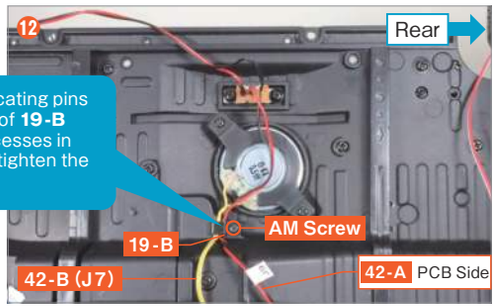

Orient 42-A with the unconnected terminals facing towards the rear of the chassis, then insert the switch knob into the rectangular opening in 19-A Floor Pan.



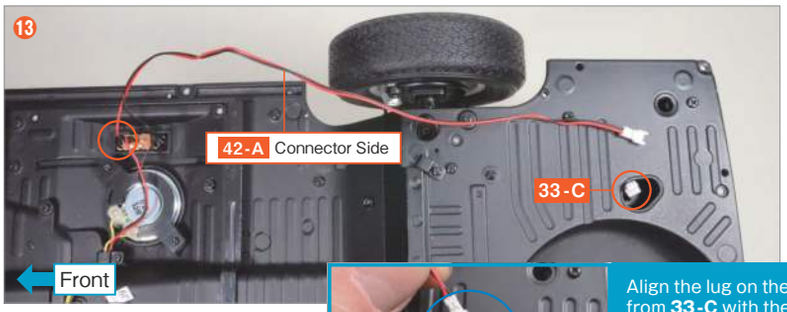



Turn the chassis over and set the switch knob on **42-A** to the **OFF** position.

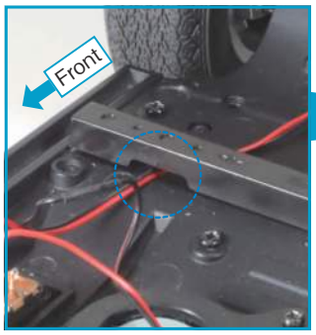
Fit the switch knob (circled in yellow) on **42-A Power Switch** into the rectangular opening in **19-A Floor Pan**. Align the screw holes and secure it in place with two AHM screws.

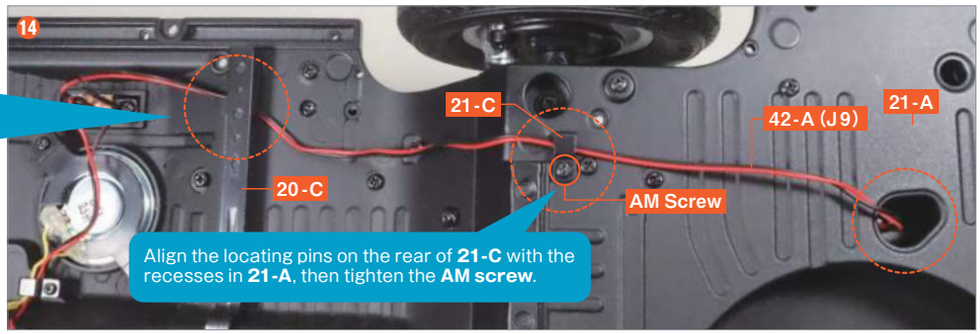



Loosen the AM screw securing **19-B**. Route the PCB-side cable from **42-A** and the cable from **42-B** through the U-shaped opening in **19-B**. Return **19-B** to its original position, then retighten the **AM screw** to secure it.

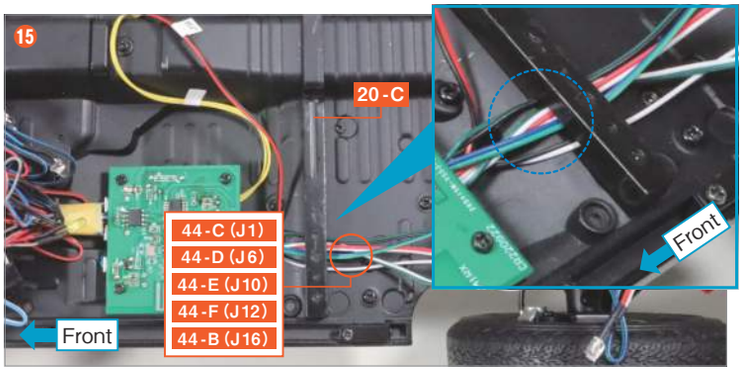



Connect the connector-side cable from **42-A** to the connector on **33-C** Battery Box.

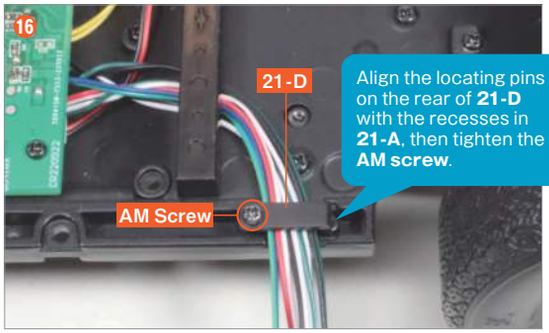



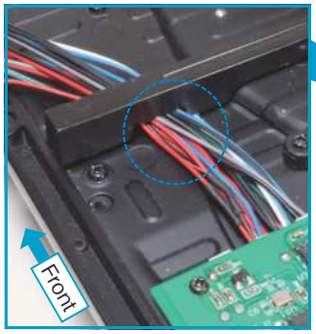

Slightly lift one end of **20-C Floor Crossmember (2)** and fit the cable from **42-A** into the notch in **20-C**. Next, loosen the **AM screw** securing **21-C Cable Clamp (1)** and route the cable from **42-A** through the U-shaped opening in **21-C**. Return **21-C** to its original position and retighten the **AM screw** to secure the cable. Then route the cable from **42-A** towards the rear of the chassis, passing the connector through the hole in **21-A Rear Floor Panel** and pushing it into the fuel tank.

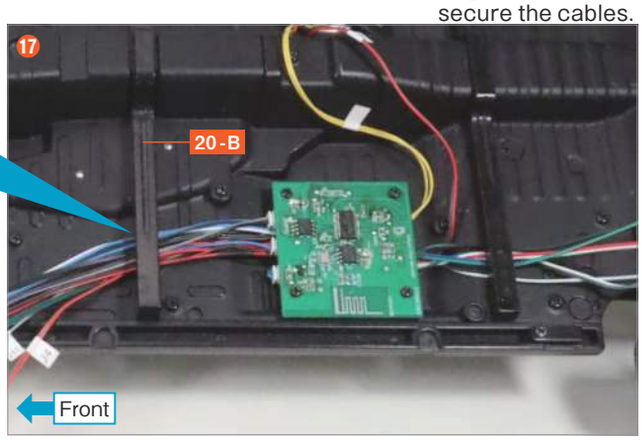



Slightly lift one end of **20-C** and fit the five cables shown in the photograph from the rear cable bundle into the notch in **20-C**.

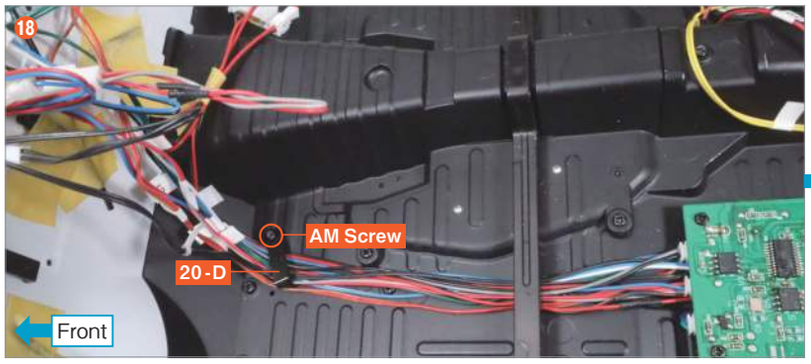


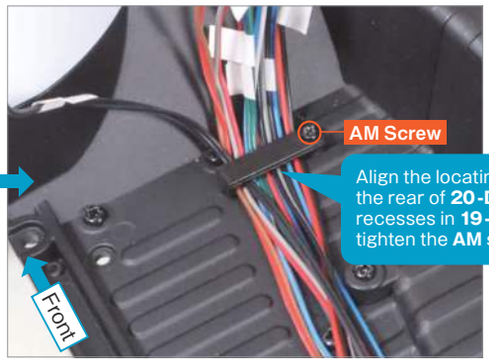

Loosen the **AM screw** securing **21-D Cable Clamp (2)** and route the five cables from Step 15 through the U-shaped opening in **21-D**. Return **21-D** to its original position, then retighten the **AM screw** to secure the cables.



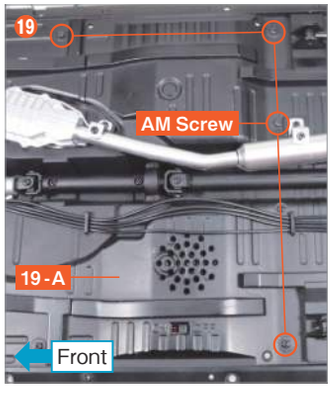

Remove the masking tape bundling the front cables. Slightly lift one end of **20-B Floor Crossmember (1)** and fit the nine front cables into the notch in **20-B**.



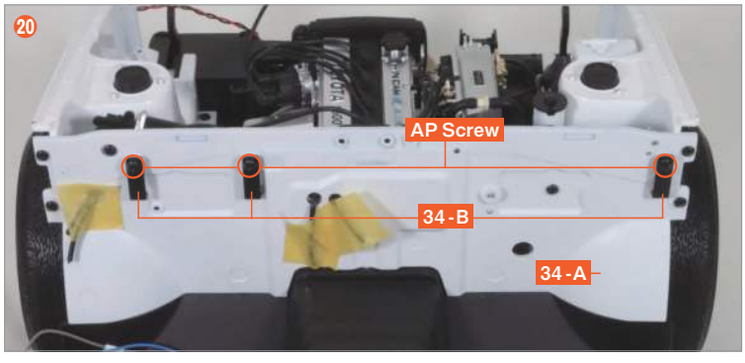




Align the locating pins on the rear of **20-D** with the recesses in **19-A**, then tighten the **AM screw**.

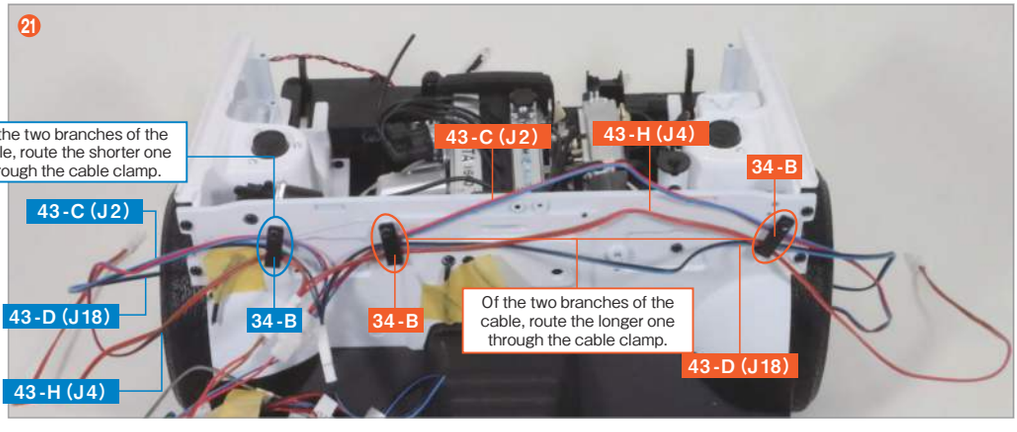
Loosen the **AM screw** securing **20-D Cable Clamp** and route the nine cables from Step 17 through the Ushaped opening in **20-D**. Return **20-D** to its original position, then retighten the **AM screw** to secure the cables.



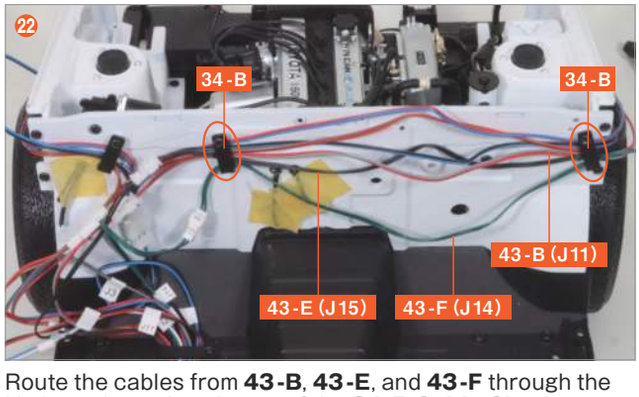

Carefully turn the chassis over and align the screw holes in **19-A** with those in **20-B** and **20-C**. Secure the assembly using the four **AP screws** removed in Step 7.



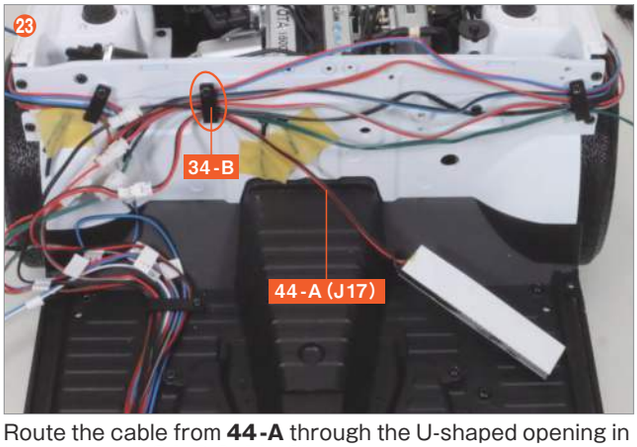

Then loosen the **AP screws** securing the three **34-B Cable Clamps** on **34-A Bulkhead**.



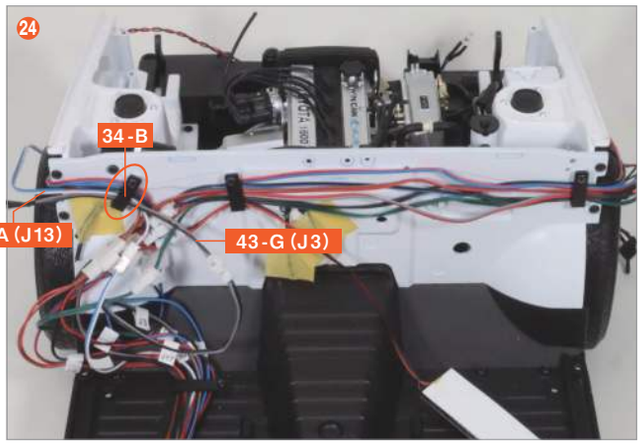

Route the branched cables from **43-C**, **43-H**, and **43-D** through the U-shaped openings in the **34-B Cable Clamps**, as shown in the photograph.



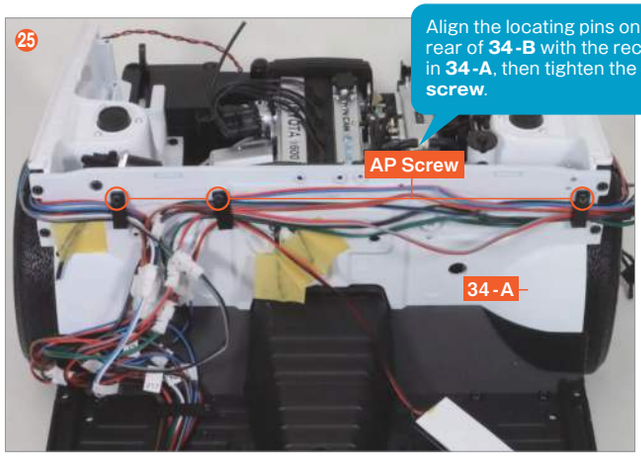

Route the cables from **43-B**, **43-E**, and **43-F** through the U-shaped openings in two of the **34-B Cable Clamps**.



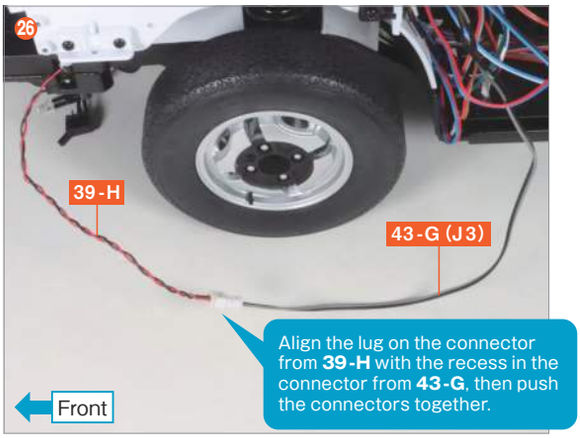

Route the cable from **44-A** through the U-shaped opening in the remaining **34-B Cable Clamp**.



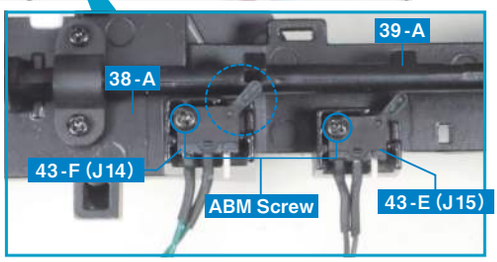

Route the cables from **43-A** and **43-G** through the U-shaped opening in one of the **34-B Cable Clamps**.




Retighten the three **AP screws** loosened in Step 20 to secure the cable clamps.




Connect the connector from **43-G** to **39-H Retractable Motor Unit**.


Align the protrusion (switch) on **43-F** with the locating feature on **39-A**. Fit **43-F** and 43-E into the U-shaped brackets on **38-A Retractable Mechanism Base**, align the screw holes, and secure each with an **ABM screw**.

## Complete

**The assembly for Issue 44 is complete.**
**In this issue, you completed the wiring for the rear section, including the tail lamps, as well as the instrument panel and room lamp. With 42-D Main PCB installed on the chassis and the wiring routed, you can now get a sense of how the model's electronic functions will operate.**
**In Issue 45, you will assemble the remote control unit and test the operation of the model's electronic functions.**