

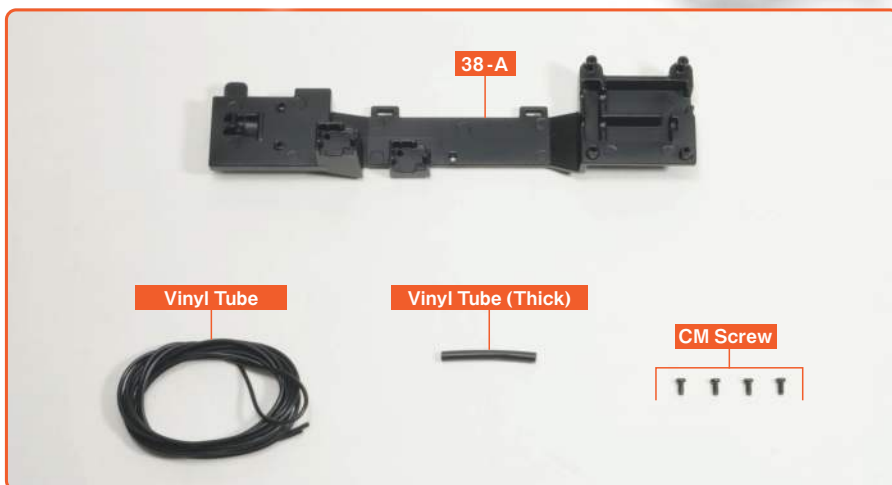
Issue 38

In this issue, we will fit the base for the retractable headlamp mechanism to the chassis assembled up to Issue 37, and install the fuel and brake pipework. We will also organise the wiring attached to the engine up to Issue 34.



Fit the Retractable Headlamp Mechanism (1)

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



38-A Retractable Headlamp Mechanism Base

Vinyl Tube

Vinyl Tube(Thick)

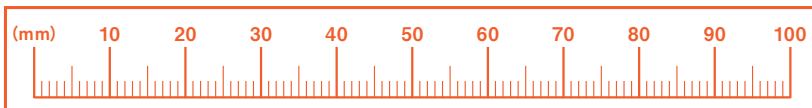
CM Screw (2.0×4 mm) ×4+Spare

View the follow-along video

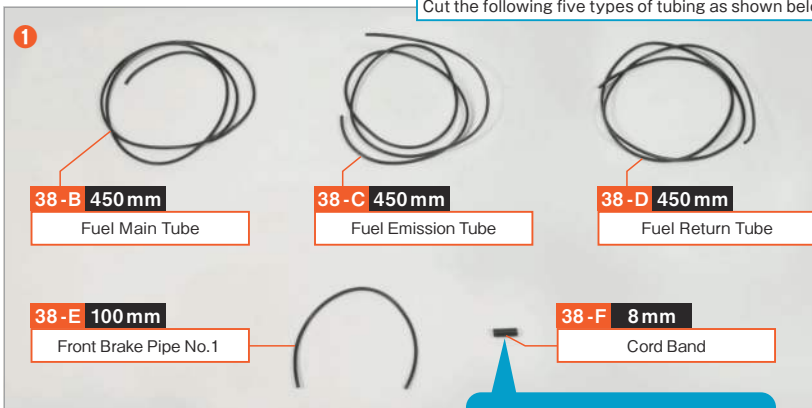


※ Due to the model's design, the shapes of some parts may differ from those of the real vehicle.

step 1 Prepare the Wiring

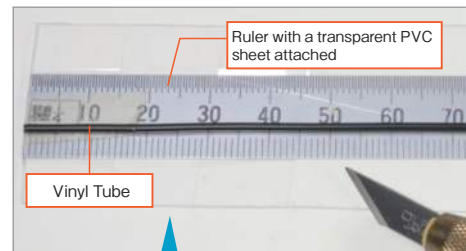


Cut the following five types of tubing as shown below.



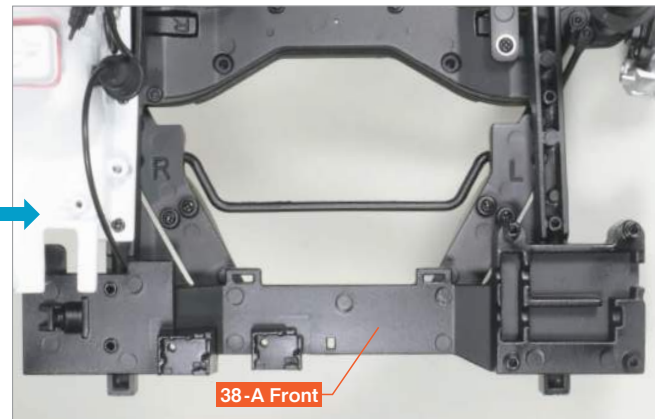
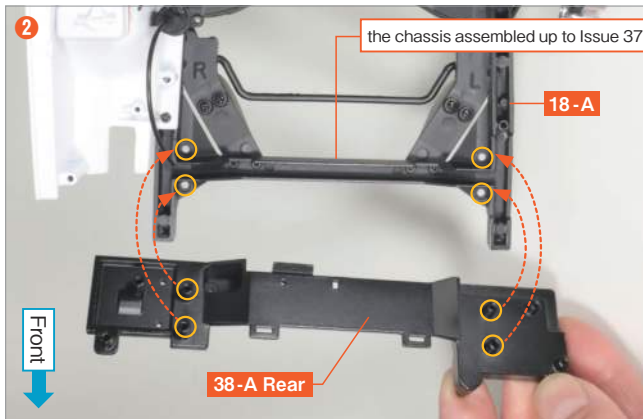
Cut 38-F from the thick vinyl tube.

Cut the wiring used in Step 3 from the vinyl tube and the thick vinyl tube. Use the ruler on the left or the ruler shown on the right side of page 5, or make a simple measuring tool as shown below, then cut the tubing to length with a craft knife or scissors while measuring carefully.

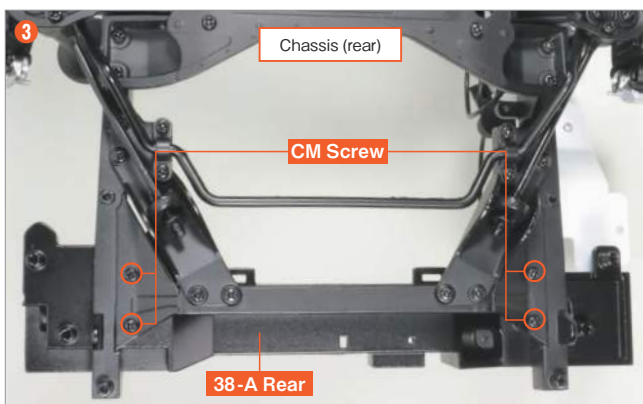


To avoid damaging the ruler, attach a transparent PVC sheet to the ruler, temporarily secure the vinyl tube with double-sided tape, and cut it with a craft knife.

step 2 Fit the base for the retractable headlamp mechanism



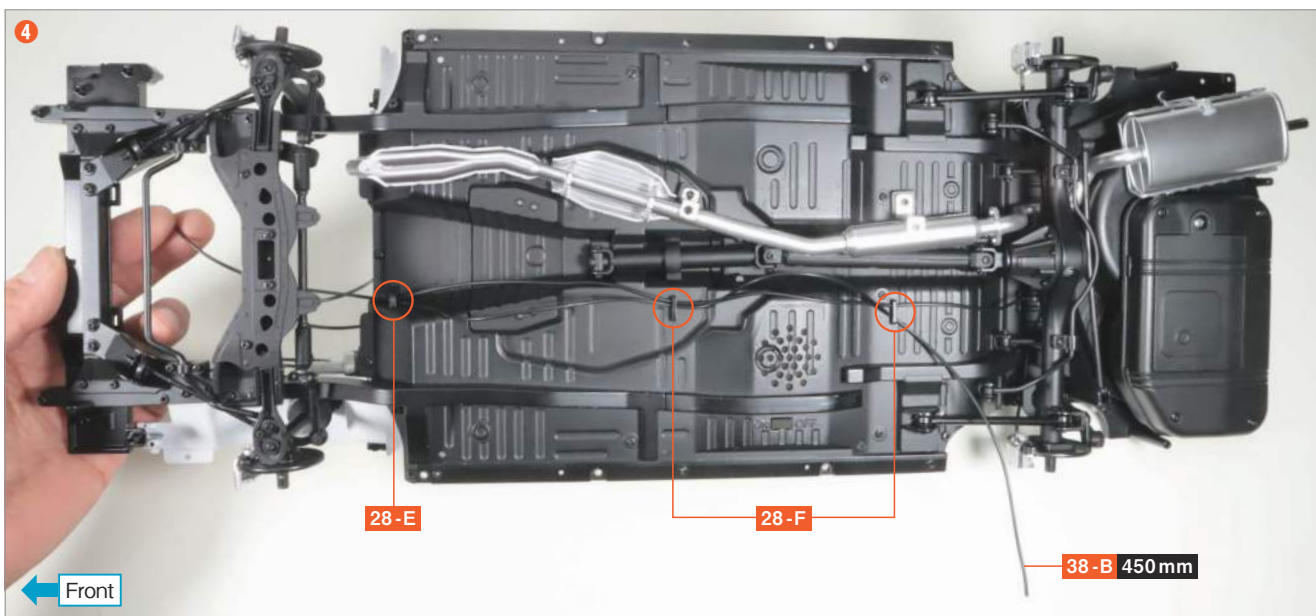
Prepare the chassis assembled up to Issue 37, and position the screw holes on the reverse side of the **38-A Retractable Headlamp Mechanism Base** onto the front end of the **18-A Front Subframe**.



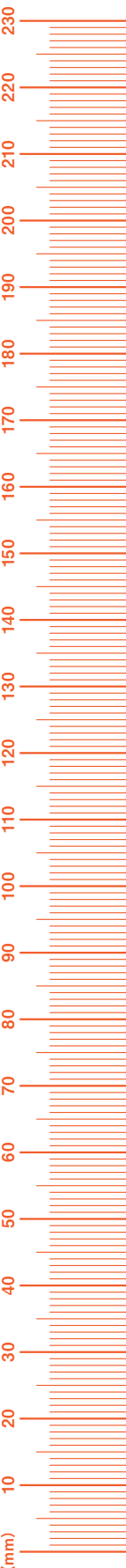
Carefully turn the assembly over while holding **38-A** in place to prevent it from coming loose, then secure the four points with **CM screws**.

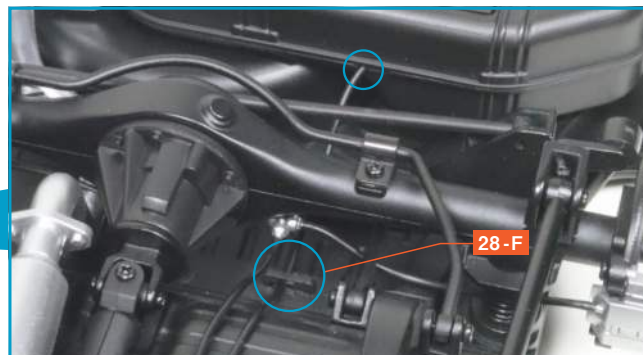
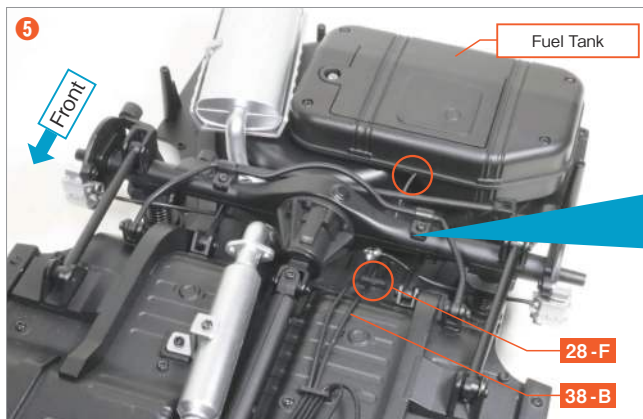


step 3 Install the Fuel and Brake Pipework

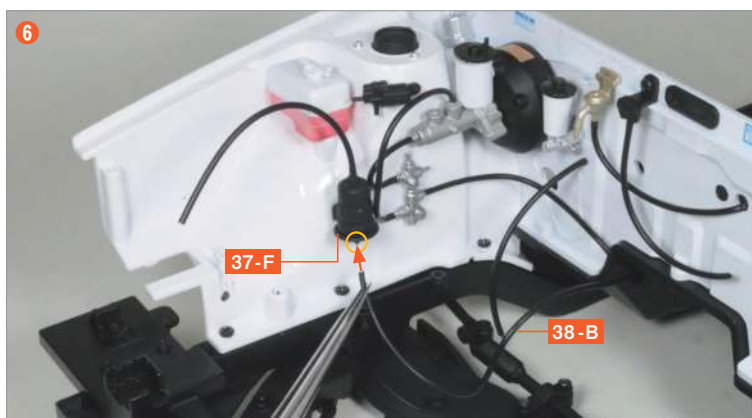


Turn the entire chassis over, then route the **38-B Fuel Main Tube** cut in Step 1 between the **28-E Piping Holder (1)** and the two **28-F Piping Holders (2)**.

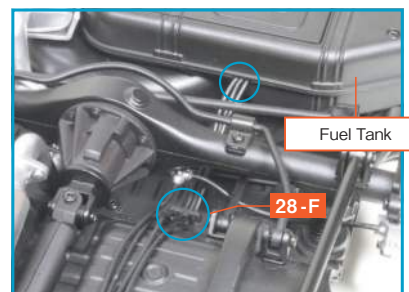
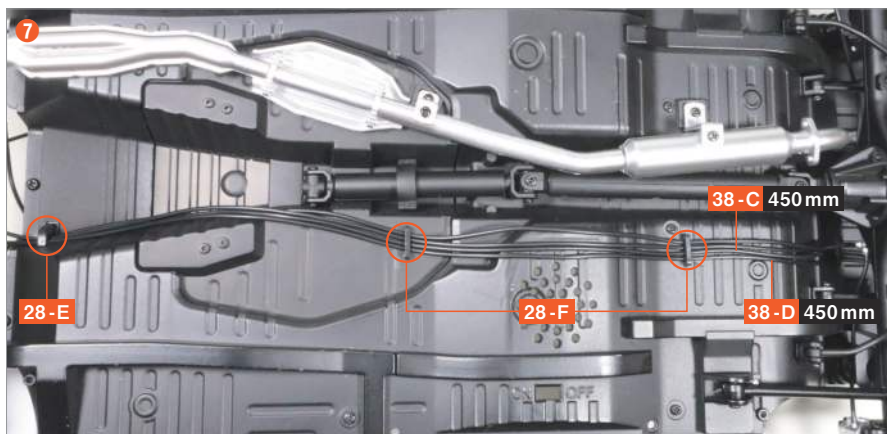




Route **38-B** through the other **28-F**, then insert the end of the tube into the square hole in the fuel tank.



Turn the entire chassis over to the front side, then insert the other end of **38-B** onto the protrusion of the **37-F Fuel Filter Cap**.



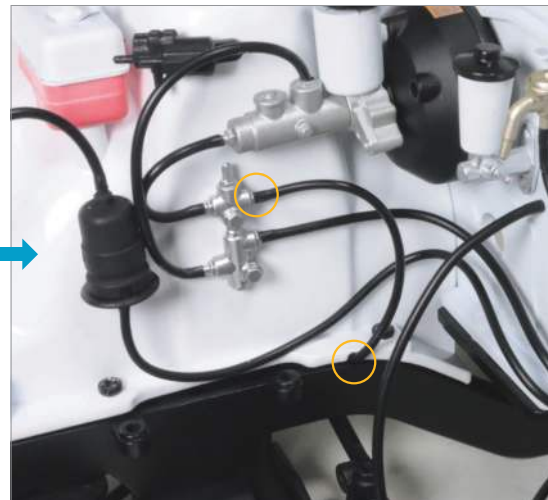
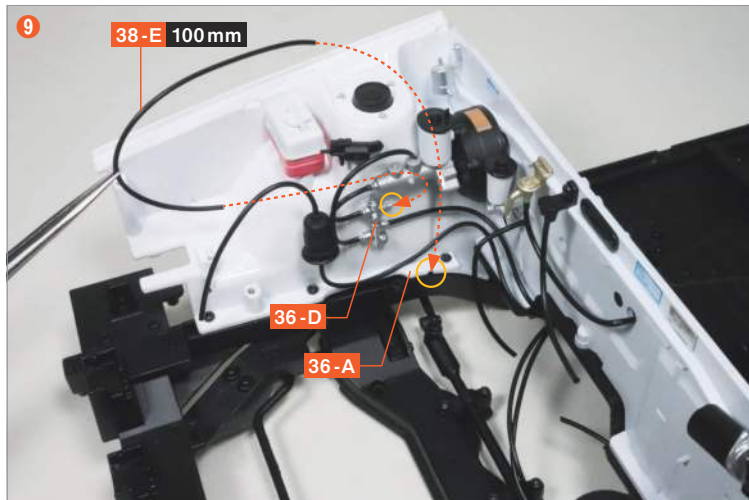
Turn the entire chassis over again and, in the same way, route the **38-C Fuel Emission Tube** and the **38-D Fuel Return Tube** between the **28-E Piping Holder (1)** and the three **28-F Piping Holders (2)**. Then insert the ends of the tubes into the square hole in the fuel tank.



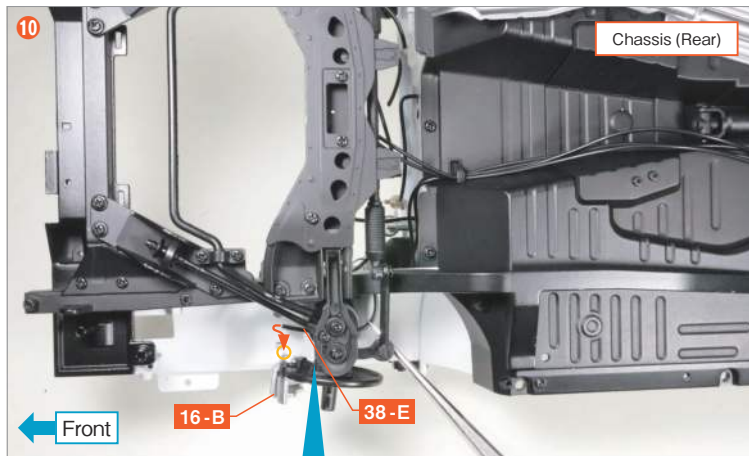
The other ends of **38-C** and **38-D** will be connected in a later issue, so they can be left as they are for now. As **38-C** and **38-D** are the same length, there is no need to distinguish between them.

Route **38-B**, **38-C** and **38-D** along the chassis panels, and insert them approximately 10 mm into the square hole in the fuel tank. Then route the other end of **38-B** along the bulkhead and fender apron panels. If **38-B** is too long, you may trim off the excess length.

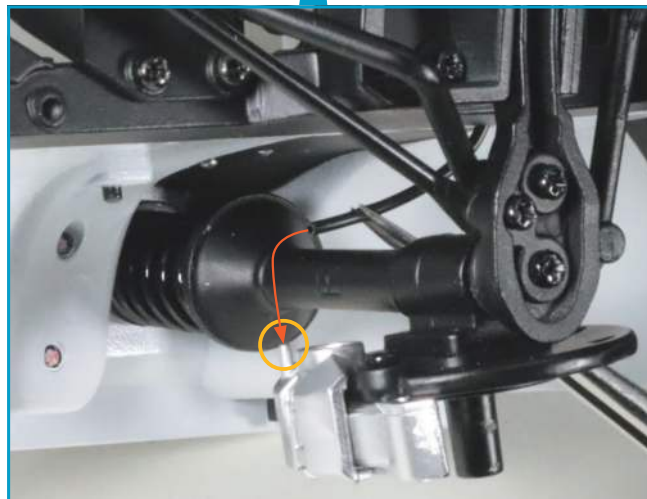




Insert the **38-E Front Brake Pipe No.1** into the right-hand protrusion of the **36-D Front Brake Hose Connector**, then route the other end out through the notch in the **36-A Front Fender Apron (R)**.



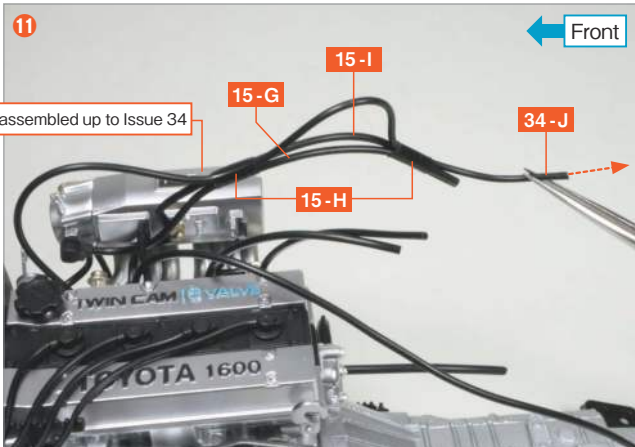
Insert the end of **38-E** routed to the outside into the protrusion on the **16-B Right Brake Caliper (1)**.



Step complete

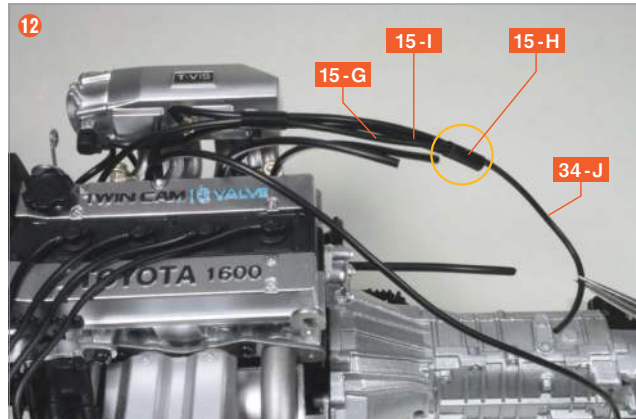


step 4 Organise the Engine Wiring

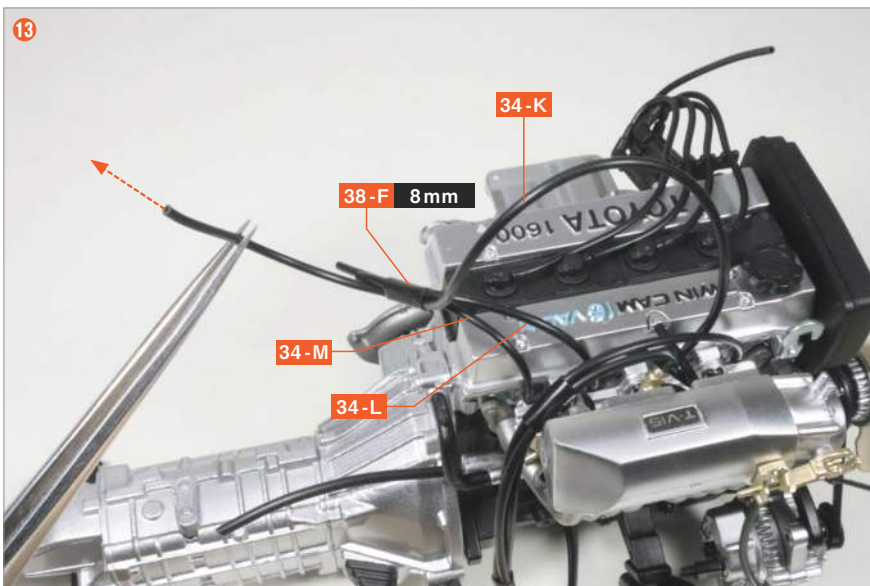


the engine assembled up to Issue 34

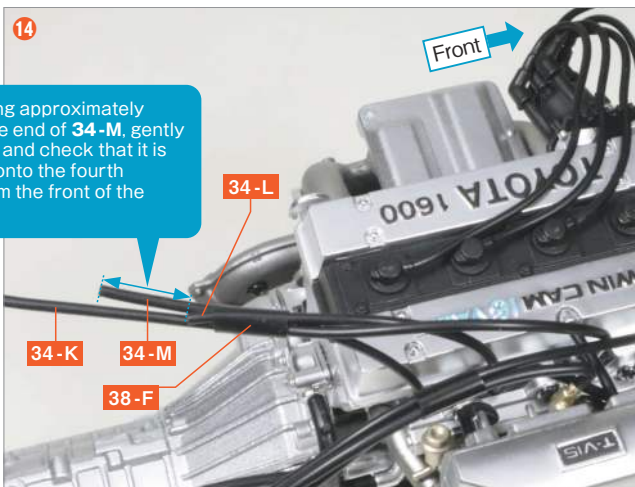
Prepare the engine assembled up to Issue 34. Pass the **34-J Injector Wire 1** through the two **15-H Cord Bands**, grouping the three wires together.



Position the **15-G Cold Start Injector Wire** and the **15-I Throttle Position Sensor Wire** at the opening of the **15-H Cord Band** closest to the ends of the tubes.

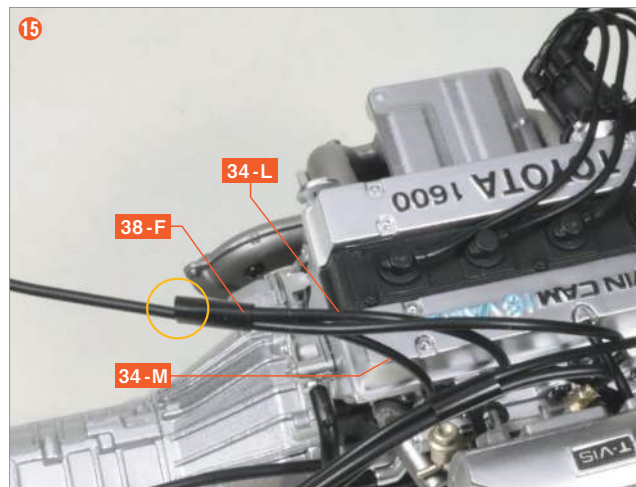


Pass the **34-K Injector Wire 2**, **34-L Injector Wire 3** and **34-M Injector Wire 4** through the **38-F Cord Band** cut in Step 1, bundling the three wires together.



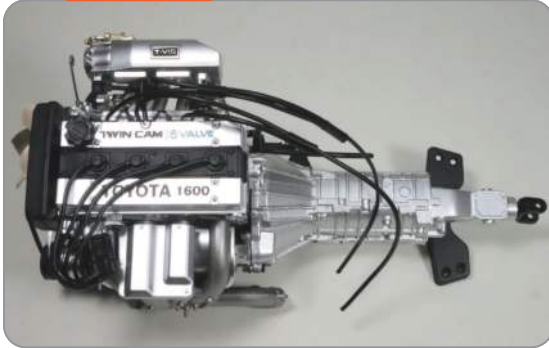
Before trimming approximately 10 mm from the end of **34-M**, gently pull the tubing and check that it is fully inserted onto the fourth protrusion from the front of the engine.

Lay the bundled wires to one side, then trim approximately 10 mm from the end of **34-M** so that it matches the length of **34-L**.



Align the cut ends of **34-L**, **34-M** and **38-F**.

Step complete



Complete

The assembly for Issue 38 is complete.

The base for the retractable headlamp mechanism has now been fitted, and the engine wiring harness has been completed.

The fuel system tubing will be connected to the engine accessories in a later issue. In Issue 39, you will complete the retractable headlamp mechanism.

