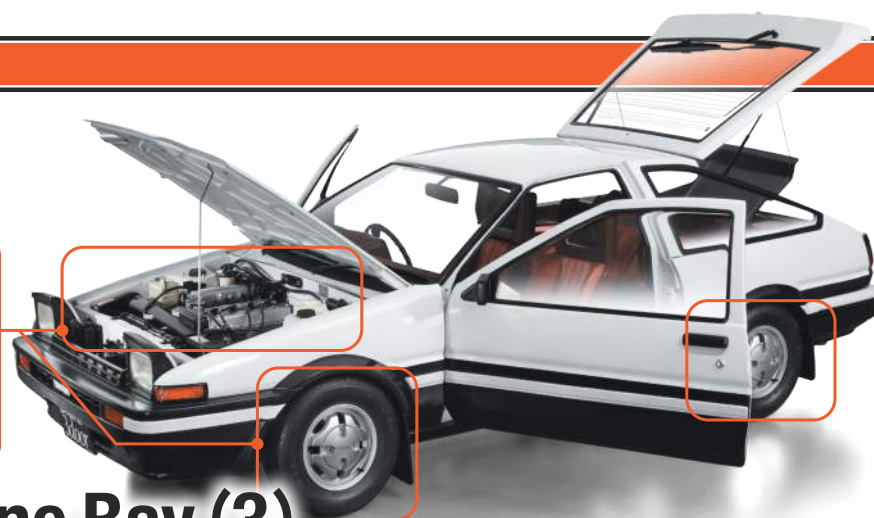


Issue 40

In this issue, we will attach parts to the left front fender apron and fit it to the left-hand side of the engine section on the chassis. Then, after adding more wiring to the bulkhead and engine, you will finally install all four tyres onto the chassis.



Assemble the Engine Bay (3) Install the Tyres

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



40-A Front Fender Apron (L)

40-B Front Fender Apron Bracket (L)

40-C A/C Refrigerant Suction Pipe A

40-D Front Suspension Support

40-E Hose Connector

40-F A/C Refrigerant Suction Hose No.1

Vinyl Tube

AGM Screw (2.0×3mm) ×4+Spare

AJM Screw (2.3×4×5.5mm) ×1+Spare

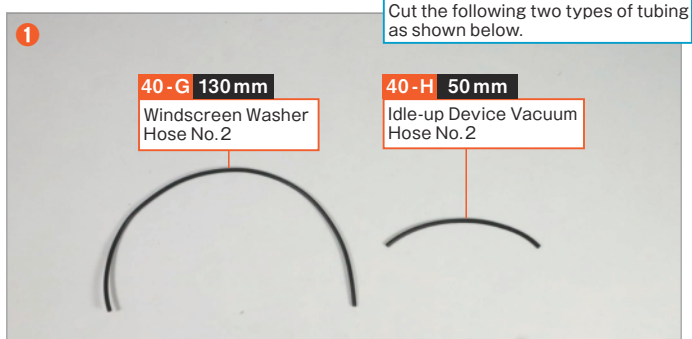
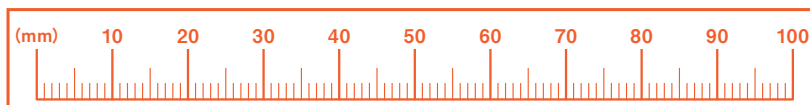
CM Screw (2.0×4mm) ×3+Spare

View the follow-along video

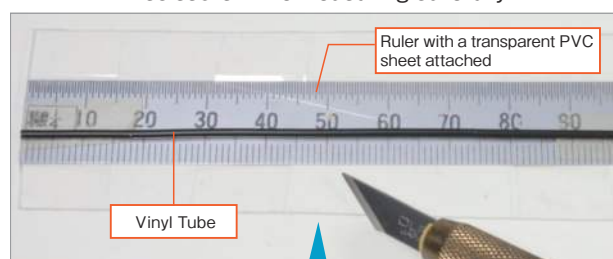


※Due to the model's design, the shapes of some parts may differ from those of the real vehicle.

step 1 Prepare the Wiring

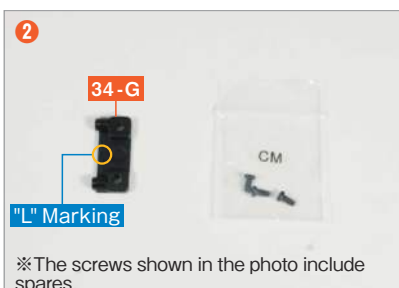


Cut the following two types of tubing as shown below.



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

step 2 Fit the 36-A Front Fender Apron (L) to the Chassis



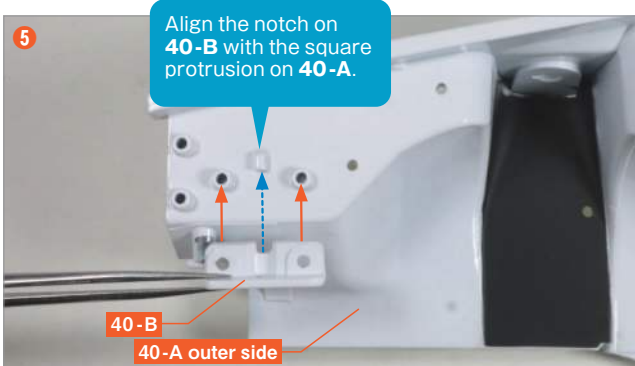
Prepare the **34-G Bulkhead Bracket (L)** and two **CM screws** that were set aside in Issue 34.



Fit the recess on the reverse side of **34-G** onto the protrusion on the outer screw hole of the **40-A Front Fender Apron (L)**.



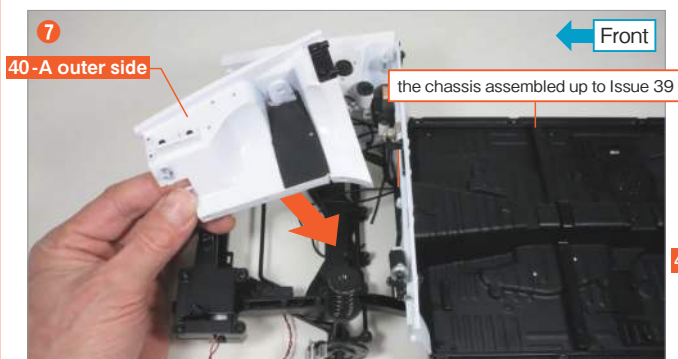
Secure the two points with **AGM screws**.



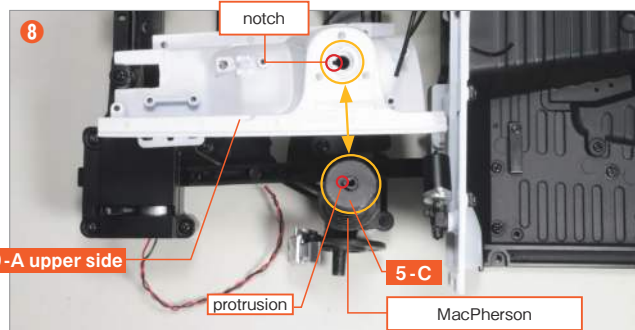
Fit the recess on the reverse side of the **40-B Front Fender Apron Bracket (L)** onto the protrusion on the front screw hole on the outer side of the **40-A Front Fender Apron (L)**.



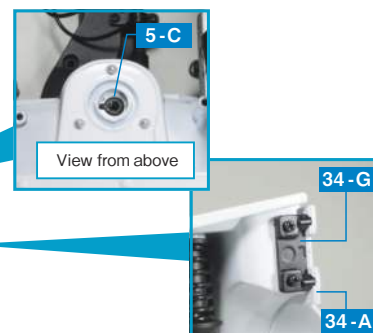
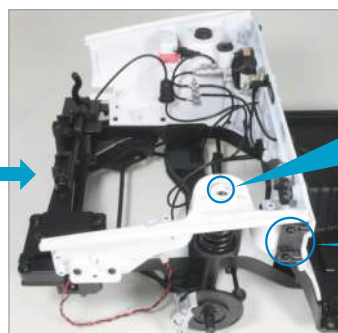
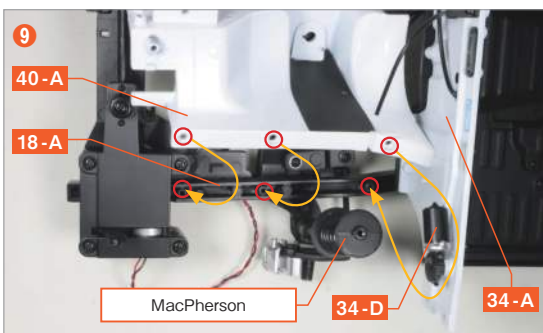
Secure the two points with **AGM screws**.



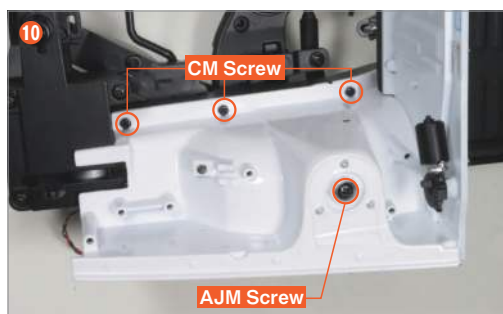
Prepare the chassis assembled up to Issue 39, and position **40-A** assembled up to Step 6 on the left-hand side in front of the bulkhead.



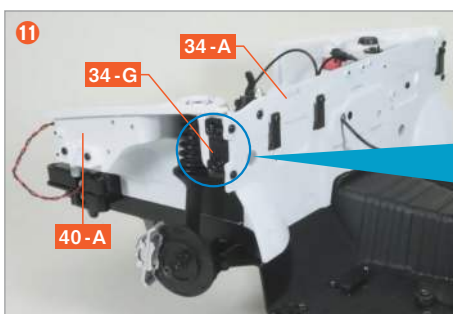
First, rotate the entire left MacPherson strut assembly so that the protrusion at the top of the **5-C Strut Upper Mount (L)** is aligned with the notch in **40-A**.



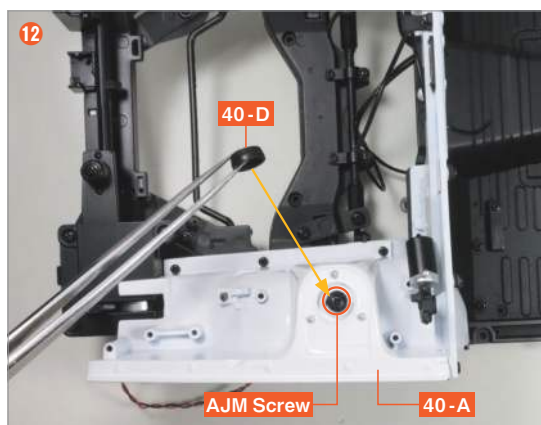
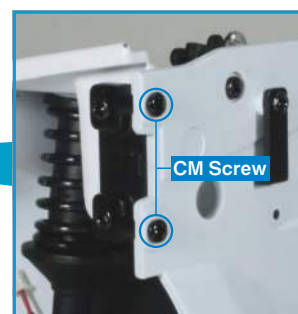
Next, insert the lower section of **40-A** between the MacPherson strut and the **34-D Windscreen Wiper Motor**, then fit the recesses on **40-A** onto the three protrusions on the screw holes on the left-hand side of the **18-A Front Subframe**. Also fit the two protrusions on the screw holes of **34-G** into the two recesses on the screw holes in the **34-A Bulkhead**.



Secure one point with an **AJM screw** and three points with **CM screws**.



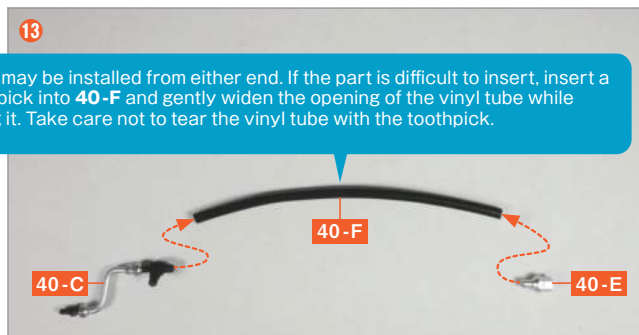
Align the protrusions on the screw holes of **34-G** with the recesses on the screw holes of **34-A**, then secure the two points with the **CM screws** that were set aside in Issue 34.



Fit the recess on the reverse side of the **40-D Front Suspension Support** onto the protrusion surrounding the **AJM screw** on **40-A**.

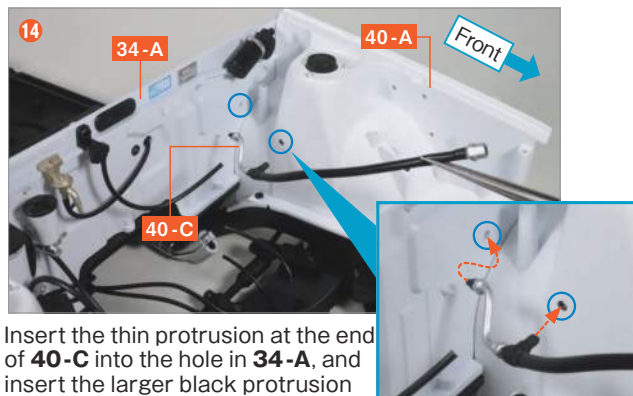


step 3 Connect the Wiring to the Bulkhead and Engine

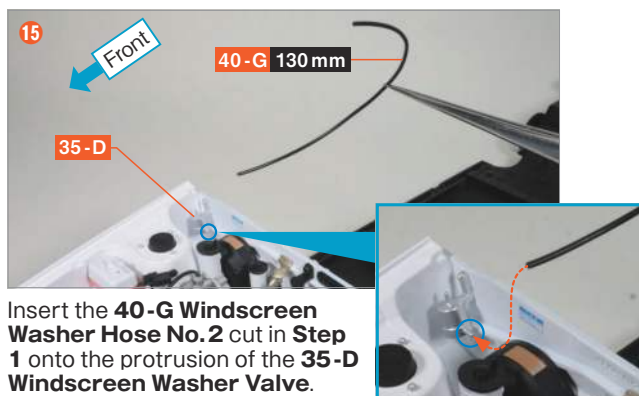


40-F may be installed from either end. If the part is difficult to insert, insert a toothpick into **40-F** and gently widen the opening of the vinyl tube while fitting it. Take care not to tear the vinyl tube with the toothpick.

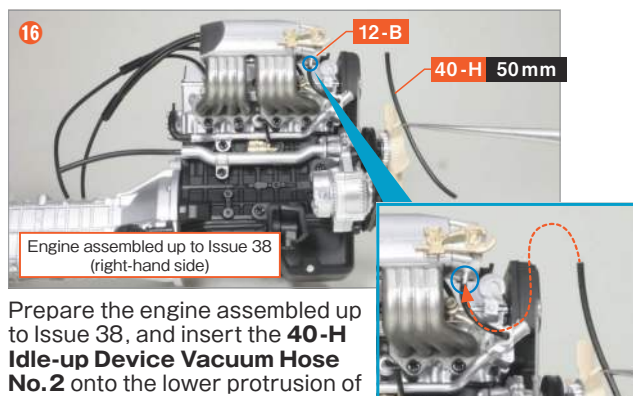
Insert the protrusions of the **40-C A/C Refrigerant Suction Pipe** and the **40-E Hose Connector** into both ends of the **40-F A/C Refrigerant Suction Hose No.1**.



Insert the thin protrusion at the end of **40-C** into the hole in **34-A**, and insert the larger black protrusion on **40-C** into the hole in **40-A**.

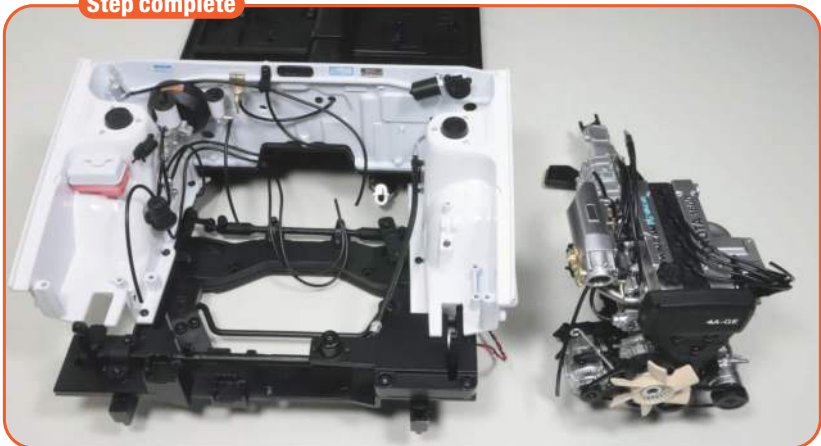


Insert the **40-G Windscreen Washer Hose No.2** cut in **Step 1** onto the protrusion of the **35-D Windscreen Washer Valve**.



Prepare the engine assembled up to Issue 38, and insert the **40-H Idle-up Device Vacuum Hose No.2** onto the lower protrusion of the **12-B Throttle Body**.

Step complete



step 4 Install the Tyres

17

The four tyres assembled in Issues 16, 17, 30 and 32



All four tyres are identical parts, so there is no distinction between front/rear or left/right. There is no front or rear side to the Front Brake Disc.

Front Brake Discs assembled in Issues 6 and 16

Washer×4

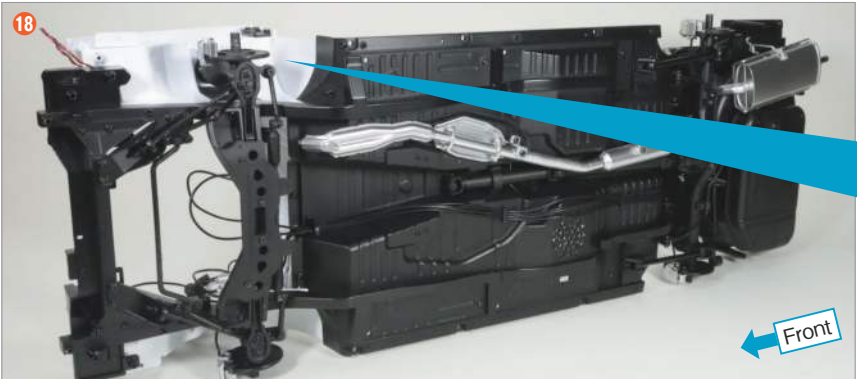
Rear Brake Discs assembled in Issue 31

VM Screw×4

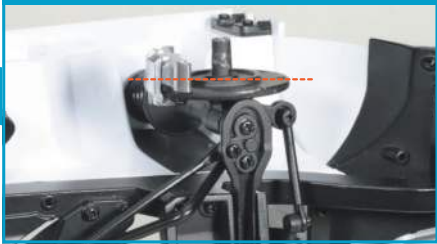
There is also no left/right distinction for either the front brake discs or the rear brake discs.

Prepare the four tyres assembled so far, the two front brake discs, the two rear brake discs, four washers and four VM screws.

18

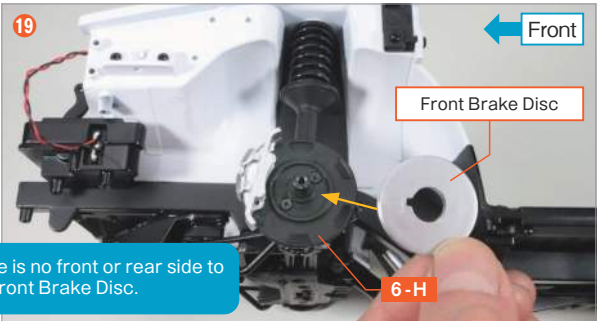


Keep the 6-H Brake Disc Dust Cover in a horizontal position.



Stand the chassis assembled up to Step 3 upright, with the right-hand side facing down.

19



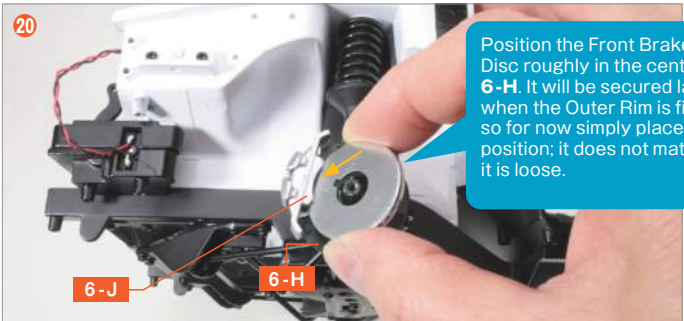
There is no front or rear side to the Front Brake Disc.

Front Brake Disc

6-H

Fit a Front Brake Disc onto the central screw-hole protrusion of 6-H on the left front wheel assembly.

20

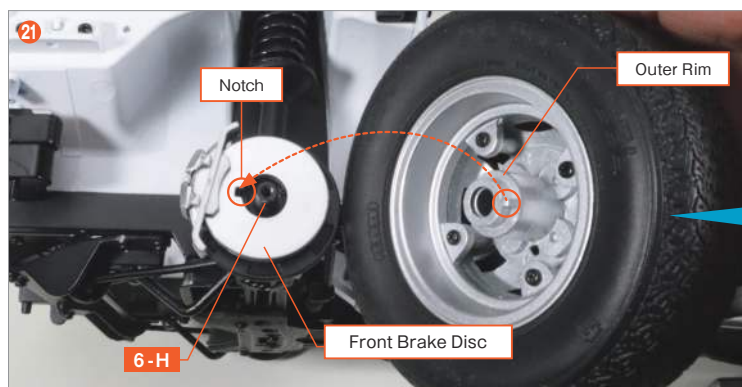


Position the Front Brake Disc roughly in the centre of 6-H. It will be secured later when the Outer Rim is fitted, so for now simply place it in position; it does not matter if it is loose.

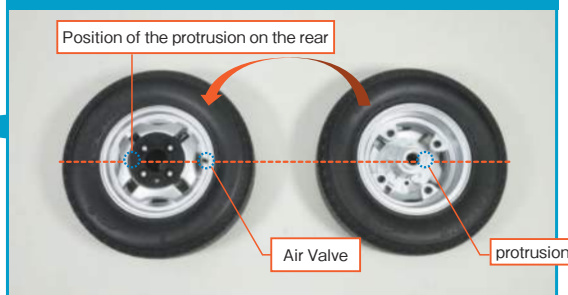
6-J

6-H

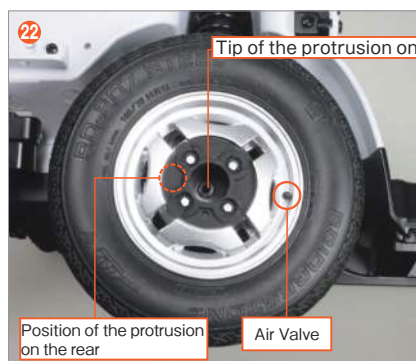
Insert the edge of the Front Brake Disc between 6-H and the 6-J Brake Caliper, then fit the screw-hole protrusion on 6-H into the hole in the Front Brake Disc.



When the tyre is turned over to the front side, the protrusion on the rear of the Outer Rim will be positioned opposite the air valve.



Align the notches in the Front Brake Disc with the protrusions on the reverse side of the Outer Rim, then insert the protrusion on **6-H** into the hole in the Outer Rim.



When the Outer Rim and **6-H** are assembled as shown in Step **21**, they should look like this.

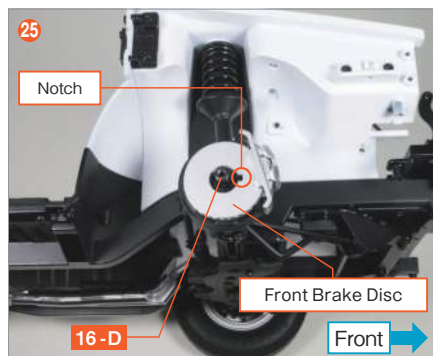


Place one Washer onto the protrusion on **6-H**, aligning the screw holes.

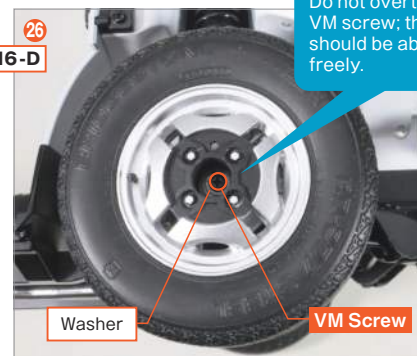
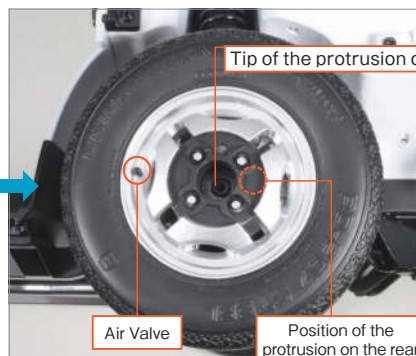


Do not overtighten the VM screw the tyre should be able to rotate freely.

Insert and tighten a **VM screw** through the Washer.

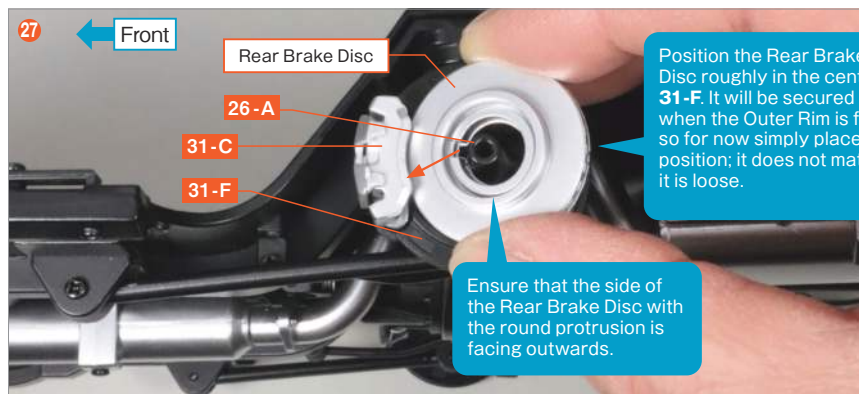


Turn the chassis over and, in the same way as Steps **19** to **23**, fit the right front wheel to the chassis.



Do not overtighten the VM screw; the tyre should be able to rotate freely.

Place one Washer onto the protrusion on the **16-D Brake Disc Dust Cover**, aligning the screw holes, then insert and tighten a **VM screw** through the Washer.



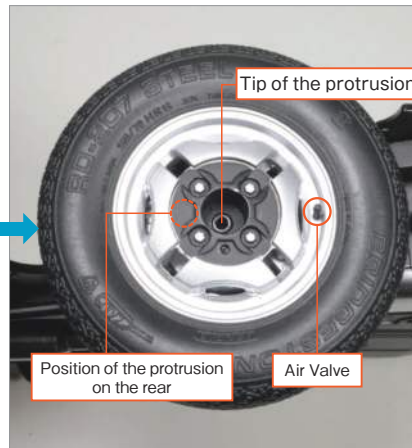
Position the Rear Brake Disc roughly in the centre of **31-F**. It will be secured later when the Outer Rim is fitted, so for now simply place it in position; it does not matter if it is loose.

Ensure that the side of the Rear Brake Disc with the round protrusion is facing outwards.

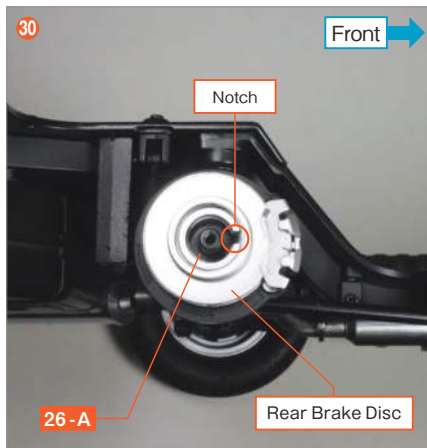
Turn the chassis over and fit the left rear wheel. Insert the edge of the Rear Brake Disc between the **31-F Rear Brake Disc Dust Cover (L)** and the **31-C Rear Brake Caliper (1)**, then insert the screw-hole protrusion of the **26-A Lower Rear Axle Housing** into the hole in the Rear Brake Disc.



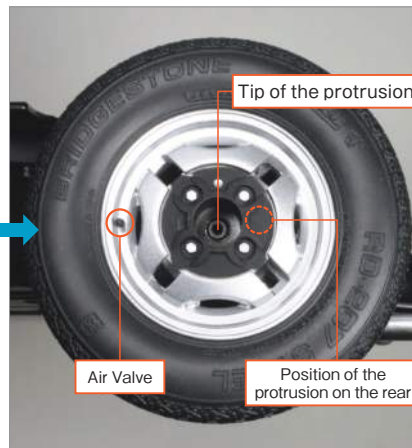
Align the notches in the Rear Brake Disc with the protrusions on the reverse side of the Outer Rim, then insert the protrusion on **26-A** into the hole in the Outer Rim.



Place one Washer onto the protrusion on **26-A**, aligning the screw holes, then insert and tighten a **VM screw** through the Washer.



Turn the chassis over and, in the same way as Steps **27** to **28**, fit the right rear wheel.



Place one Washer onto the protrusion on **26-A**, aligning the screw holes, then insert and tighten a **VM screw** through the Washer.

Complete

The assembly for Issue 40 is complete.

The engine bay is nearing completion, and all four tyres have now been installed.

The Rim Caps for the Outer Rims will be fitted just before completion, so please keep them in a safe place to avoid losing them.

In Issue 41, we will fit the steering mechanism for the front wheels and install the engine in the engine bay.

