

トヨタ純正

GR 4WD ECU (for GR Yaris)

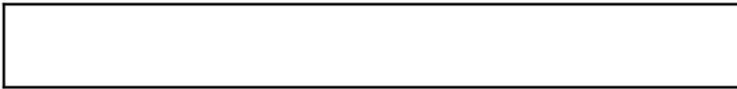
Installation instructions

Thank you for purchasing a genuine Toyota GR 4WD ECU (for GR Yaris).

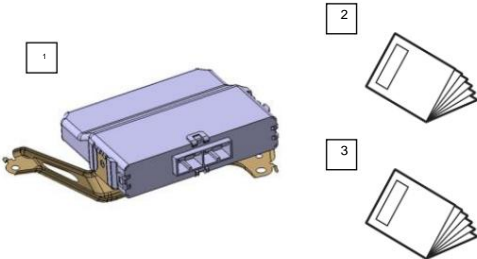
Masu. This manual describes the installation instructions for the GR 4WD ECU (for GR Yaris).

Please be sure to read this before installation to ensure correct installation.

Pinfan





Components

	No.	Product name	Number of pieces	Product number
	1	GR4WDECU	1	89630 - 52190
	2	Installation instructions	1	
	3	Instruction manual	1	

Installation precautions

This installation manual uses the following symbols to indicate things that must be observed in order to ensure safe operation.

-  **Notice** ... Indicates that failure to follow the precautions may lead to an accident, injury, or damage to the vehicle.
-  **advice** ... This page contains information you should know to help you work quickly.

- This installation manual is used to install and use this product so that customers can install it safely and correctly.

Please be sure to read this before proceeding.

- Please be sure to give the instruction manual to the customer and tell them to keep it in a safe place in the car.

Tools required for installation

Please refer to the repair manual for necessary tools such as general tools and SST.

Withdrawal and payment instructions

Notice

There are adjustments, initializations, and registrations that are required after parts are removed and replaced when the 4WD computer ASSY is installed and removed.

Repair manual (TOYOTA - Yaris - GXPA1#) *Service data > List of setting items > When removing the battery terminal

> Please refer to "Work List".

Disconnecting the battery terminal

1. Refer to "Drivetrain > Transfer/4WD > Active Torque Split AWD System > Work Support" in the repair manual.

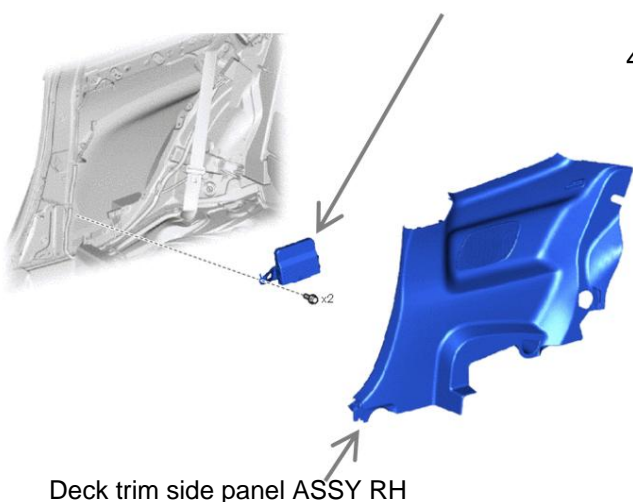
Execute "ECU data save" according to the GTS display.

2. Refer to "Service Data > List of Setting Items > Attaching and Detaching the Battery Terminal" in the repair manual and disconnect the battery terminal.

⚠ Notice

After IG OFF, there may be a waiting time before disconnecting the auxiliary battery terminal. Please refer to "Service Data > List of Setting Items > Waiting Time Before Disconnecting Auxiliary Battery Terminal " in the repair manual .

4WD control ECU

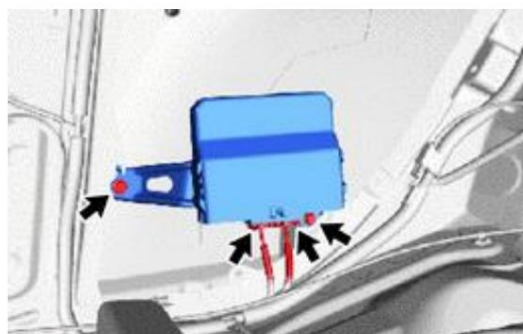


4WD control ECU replacement

1. Refer to "Interior Body & Electrical > Seat Belts > Rear Seat Outer Belt ASSY (Body Shape 3-Door) > Removal" in the repair manual and remove the deck trim side panel ASSY RH.

2. Install the 4WD control ECU by referring to "Drivetrain > Transfer/4WD > 4WD Control ECU (GF1A) > Removal" and "Drivetrain > Transfer/4WD > 4WD Control ECU (GF1A) > Installation" in the repair manual. Exchange. **Tightening torque: 10N•m**

3. Refer to "Interior Body & Electrical > Seat Belt > Rear Seat Outer Belt ASSY (Body Shape 3-Door) > Installation" in the repair manual and install the deck trim side panel ASSY RH.



Connecting battery terminals

1. Connect the battery terminal by referring to "Service data > List of setting items > Attaching and removing battery terminal > Task list" in the repair manual. advice

When installing or removing the battery terminal, there is an automatic learning function that completes learning by starting to use each system. Please refer to "Service data > Setting item list > When battery terminal is installed and removed > Automatic learning list" in the repair manual.

⚠ Notice

If you replace the 4WD control ECU, please erase the backup memory.
*Not required if the 4WD control ECU is replaced with a new one.

Confirmation after installation is complete

- Check that there is no abnormality in the installation of each part and that no diagnostic code is output by turning on IG.
- After replacing the 4WD control ECU, refer to "Service data > List of setting items > Attaching and removing battery terminal > List of work" in the repair manual and write the correction code for the coupling saved before removal. - If the correction code has not been saved, write the correction code (4 digits x 8 blocks) written on the correction code label of the transmission coupling ASSY using the GTS. - By driving in each gear, the ECU's internal gear learning is completed.