



YARIS GR VALVED SYSTEM INSTALLATION

Installation Instructions MSVCTRL15

Toyota GR Yaris (pre-facelift & facelift)

Delivery

- MSVCTRL15 module
- Vehicle-specific cable set
- Optional adapter cable for servomotors, depending on the manufacturer of the exhaust system

Functionality

The “MSVCTRL15 module switches the exhaust Valve of your new exhaust system in accordance with TÜV standards based on the original driving profiles in the vehicle. In principle, the Valve opens in sporty driving profiles and closes in comfortable driving profiles. The Valve also open in comfortable driving profiles when the engine speed or load increases.

The Valve is usually closed (TÜV-compliant) up to 80 km/h.

Exact values for engine speeds, speeds, and other variables can be obtained directly from the manufacturer of the exhaust system.

General information:

The contents of this installation instruction are only a guide for installing the products. Images and other content may vary from vehicle to vehicle. Milltek accepts no liability for damage caused during installation, incorrect use, or maintenance.

The exhaust Valves should be opened and closed regularly even when the module is installed to prevent the Valve mechanism from sticking (blocking). The exhaust Valves must not be closed continuously when driving at full load.

The products may only be installed by trained specialists. Installation must be carried out with the power off. The battery does NOT need to be disconnected from the vehicle electrical system for this. The products may only be connected at the points specified in the instructions. Milltek reserves the right to change components without giving reasons.

Electrical appliances and batteries must not be disposed of in household waste.

The Valve control modules are subject to statutory warranty provisions. In the event of a defect or if you have any general questions, please contact us immediately. The warranty claim shall expire in the event of any unauthorized modifications to the product and its accessories.

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Clear out the trunk. Remove the foam inserts so that the trunk floor is visible (sheet metal).



Remove the rear seat bench.
Remove the Isofix clamps.
Pull the rear seat bench up at the front edge.
Remove the rear seat bench.

Remove the driver's side entry sill. Pull it slightly inward at the lower ends (at the carpet in the interior), then unlock the sill at the top and remove it.



Unscrew the hexagonal screw on the trim triangle in the driver's footwell and remove the trim panel.

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Route the connection cable (to the Valve) to the outside (cut a small notch in the cable gland next to the battery and lay the cable to the outside). Connect the cable to the Valve and route it under the vehicle. Pull the remaining cable back into the interior. Seal with sealant.



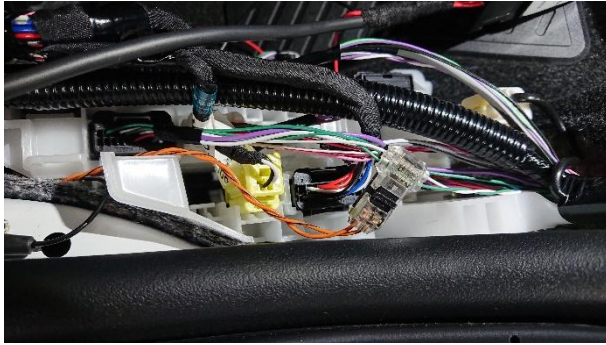
Route the cable under the rear seat bench towards the driver's seat. Behind the side panel, route the cable along the original wiring harness.



Route the cable along the entry sill to the driver's side footwell.

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CAN bus connection (orange cables) only for pre-facelift and facelift models with automatic transmission:



Locate the CAN bus (green/white twisted cable). Connect the cable thief as shown in the picture.
Insert the green cable in the direction of the orange cables.
Insert the white cable in the outer position.
Press the cable thief firmly together.

CAN bus connection (orange cables) ONLY for facelift manual models:



Locate the white plug connection above the fuse box in the footwell.

Locate the CAN bus (green/white twisted cable). Connect the cable thief as shown in the picture.
Insert the green cable in the direction of the orange cables.
Insert the white cable into the outer position.
Press the cable thief firmly together.

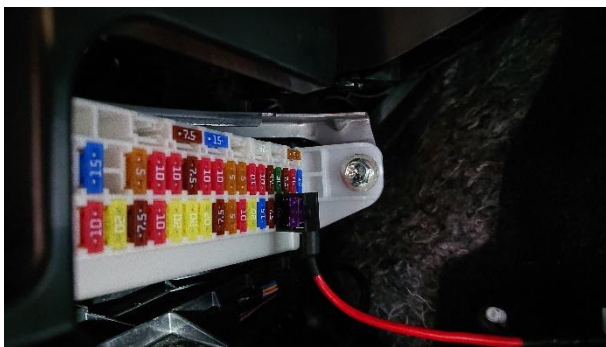
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Connect the ground terminal at the bottom of the A-pillar in the driver's footwell. Make absolutely sure that the hole under the ground terminal remains free. The clip on the trim part will snap back into place here later.



Locate the free slot in the fuse box under the steering wheel. The free slot is located between the 7.5A and 10A fuses (red mark).



Insert the fuse adapter from the module as shown in the picture. It is essential to ensure that the red cable of the fuse adapter is facing the driver's door. Otherwise, the module and, above all, the cable set will NOT be fused.

Now just connect the blue plug on the module to the cable that runs to the rear of the vehicle. Roll up the remaining cable and stow it in the trunk. Reassemble the vehicle in reverse order.