Mounting Instructions:

- Toyota Yaris GR

This suspension kit fits on:

Manufacturer: Toyota Motors Europe

Sales name: Toyota Yaris GR

Internal code: XPA1G(EU,M)

EC type approval No:

Variant: --

This suspension kit contains:

2x Front shock absorbers

2x Rear shock absorbers

1x Owner's manual

1x Tractive wiring harness and TCU

Before installation please observe the following points:

- Read all information in this manual carefully. All suspension components are fitted and removed according to the manufacturer's specifications for installing and removal, if not otherwise required in these instructions.
- Check that your vehicle type is listed in the manual as being specified for this kit.
- Check the product for all components before starting installation!
- Check that the dimensions and fastening points are comparable between the original and Tractive shock absorbers.
- Directional references (left, right, front, rear) are always with reference to the driving direction.
- Fitting shock absorbers, struts and cartridges requires special tools and expert knowledge. Therefore fitment has to be carried out by a suspension specialist.
- Remove the negative battery pole **(at own risk because of possible loss of car-data)**
- The tested vehicles are left- hand drive vehicles

After installation please observe the following points:

- Set the vehicle height by adjusting spring plates on the new dampers. Only use the supplied spanner tools.
- All rubber- mounted strut/ damper attachments must not be fully tightened until AFTER the suspension system is loaded (wheels on the ground). Other mounting fasteners (for example brackets) must be securely tightened **BEFORE** load is placed on the suspension system
- Because the vehicle has been lowered, freedom of movement for all wheel-/ tire- combinations must be checked.
- Connect the negative battery pole.
- After installing the suspension system, caster and camber must be checked and adjusted according to manufacturer's specifications. Check and reset load- dependent brake compensator and ABS system according to manufacturer's specifications
- Check and adjust headlight setting

All diagrams are generalized and not to scale!
Brackets, etc. specific to the strut are not shown!

Use an impact tool at own risk, to loosen or tighten fasteners, due to possible damage to the product.
Self- locking nuts must only be used once!

Table of torques					
Size / thread	**M8**	**M10**	**M12**	**M14**	**M16**
Torque Nm	13	25	45	72	110
Torque ft lb	10	19	34	54	83

Disassembly strut

- Place vehicle on a wheel- free car hoist, lift it and remove the wheels.
- For vehicles equipped with xenon headlights, the movable element of sensor for the headlamp levelling controller must be removed before continuing disassembling the suspension.

  Pay attention that support wires of the brake system are strain-free during removal. Stabilization by suitable means is demanded.
- Remove strut clamping bolt.
- Remove top fixing nuts from support bearing. **Do not remove central nut at this time!**
- Remove complete strut and clamp it in an appropriate strut vice.

Removing spring

- Using a suitable spring compressor, compress suspension spring until tension on support bearing is free to move.
- Release central nut and remove original mounting parts and coil spring.

Reassembly strut

- Please refer to **diagram** to identify which parts will be replaced with Tractive- supplied components.
- Assemble Tractive and/ or original mounting parts, as well as the Tractive spring on the Tractive strut in reverse order of removal.
- The cable for the front strut electronic damping adjustment can be fixed along the sensor-cable to connect with original plug adapter.(see picture)

IMPORTANT! Spring plates must not be adjusted outside the ranges specified in the manual! The correct mounting position of the suspension springs can be determined by the printing on the springs; install them with the print upright. Fit assembled Tractive strut to the vehicle in reverse order to removal.

TracTive
The Art of Suspension

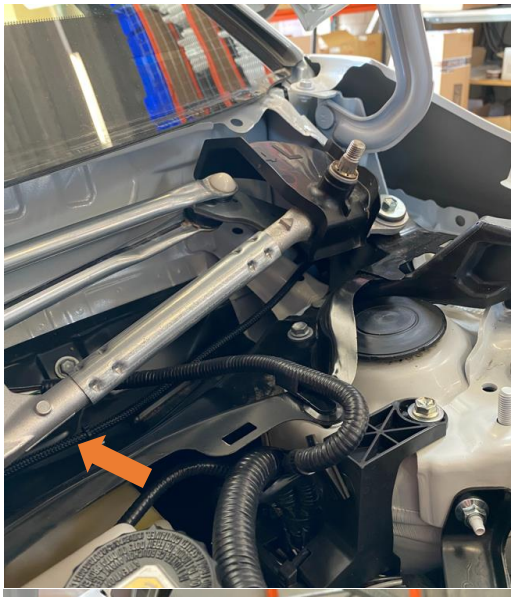
Insert the bushes in the knuckle





Front Left side. Tie cable to ABS wire and guide it to the paravane

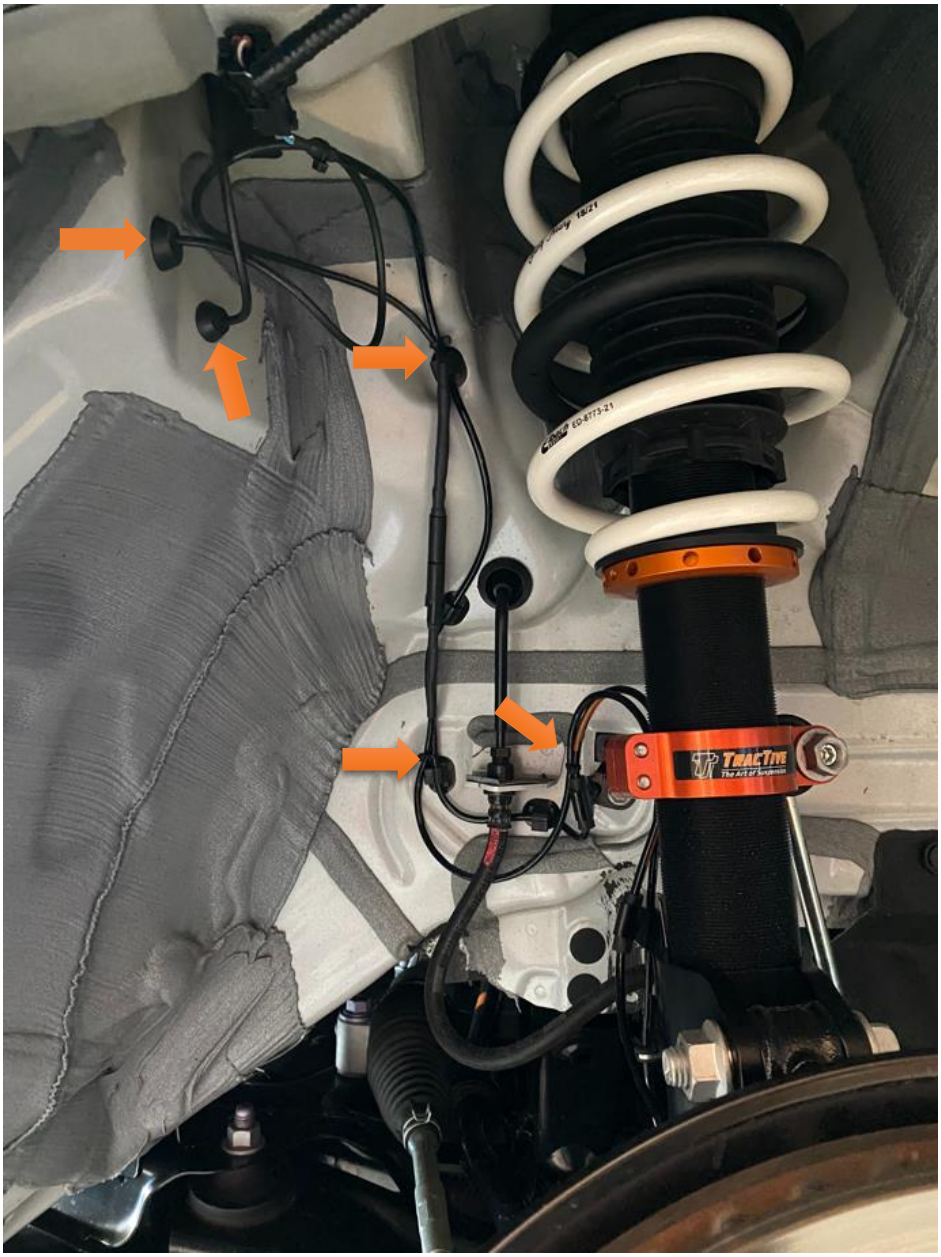




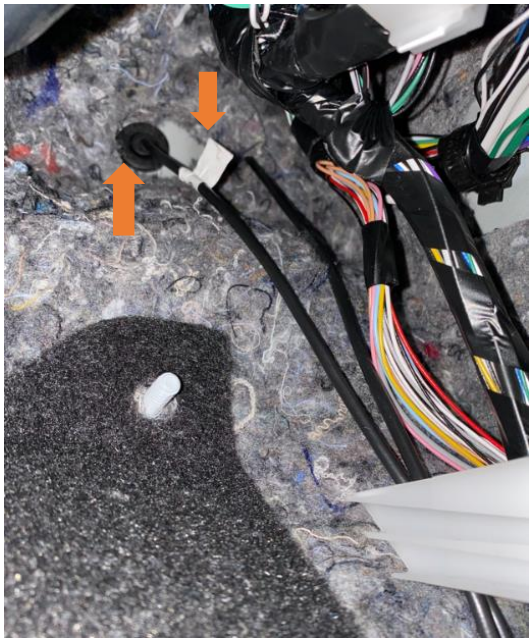




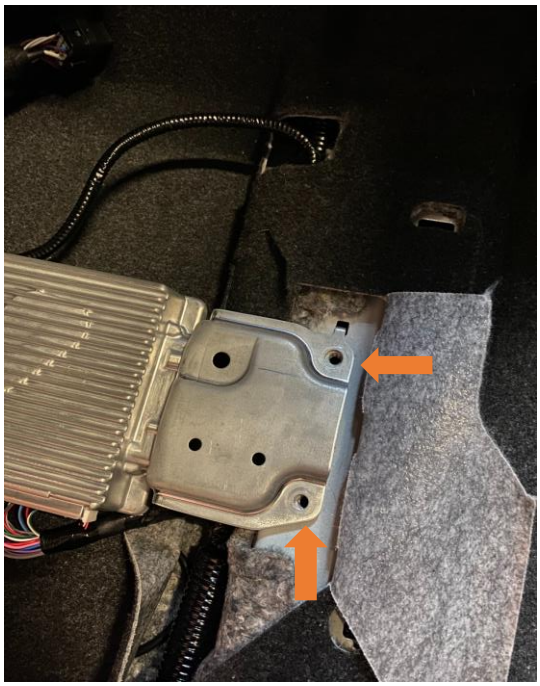
Guide the cable from the left wheel arch through the paravane to the right wheel



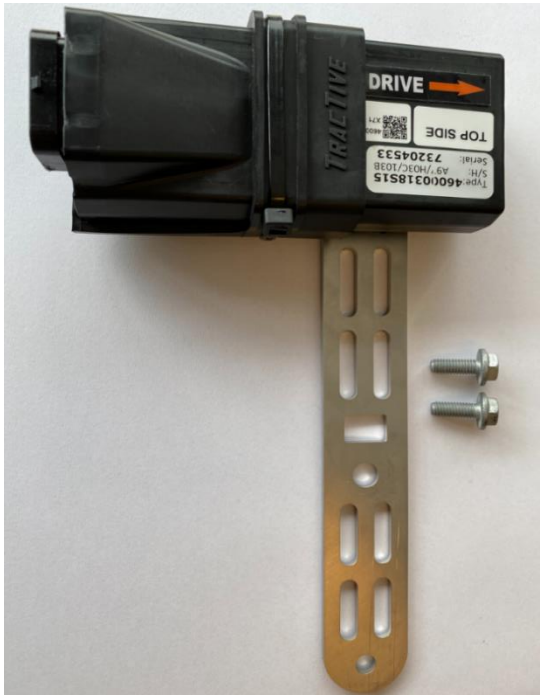
Front Right side. Tie cable to ABS cable. Remove the grommets and drill a hole of 8mm in the grommet. Mount the grommet and guide both cables from the left and front shock through the grommets inside the foot well.



Cable entering foot well



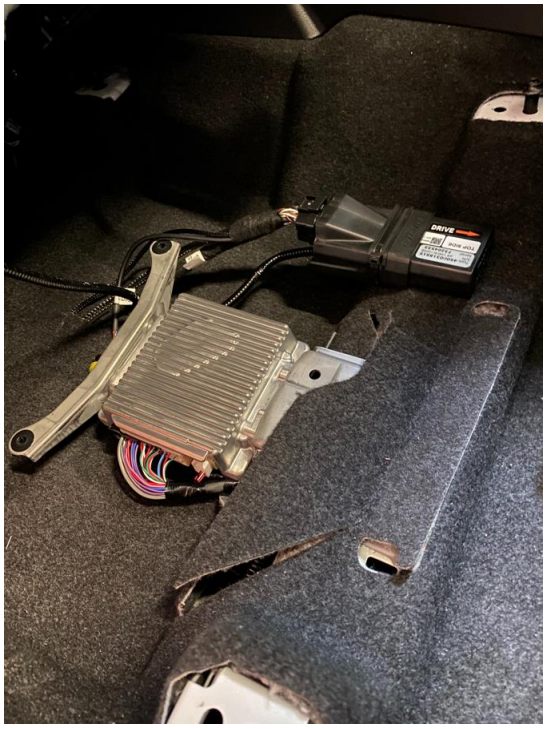
Remove the two bolts from the control unit.
Position under front right seat



TracTive TCU with mounting bracket and bolts



Mount the control unit together with the TCU. Use the two longer M6 bolts that are supplied with the suspension kit



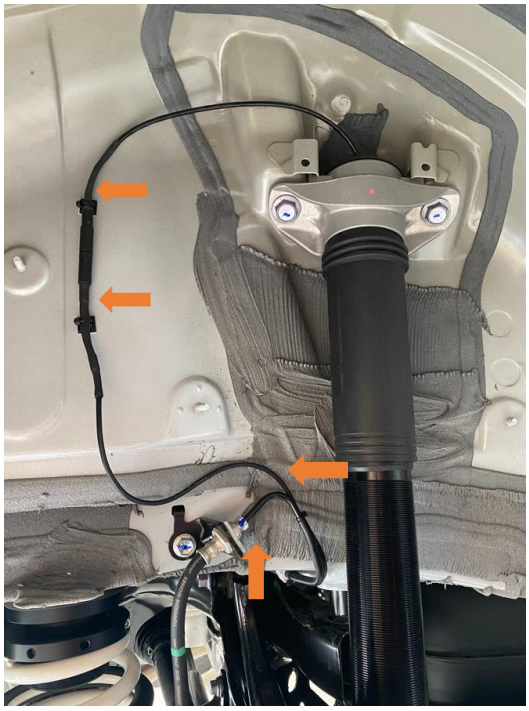
Guide the cables for the rear shock and power supply to the Rear Right



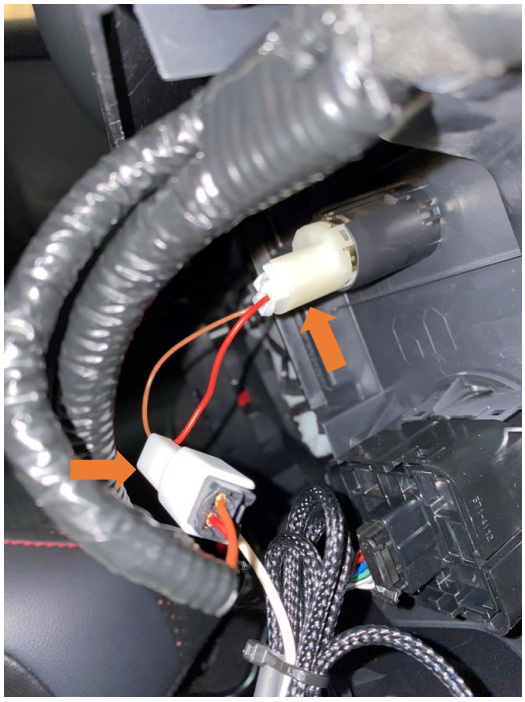
Guide the Rear Right shock connector through the grommet. One cable to the Rear Left shock and one for the power



Position of the grommet for the Rear Left shock



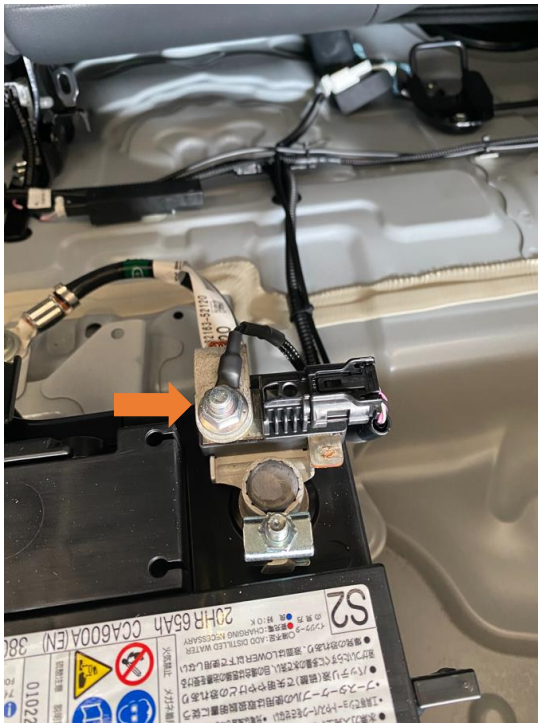
Tie the Rear Right shock cable to the brake line and adhesive cable holder. The Rear Left side is mirrored.



Disconnect the original connector of the 12V socket in the center console. Place TracTive adapter cable in the socket and connect the original wiring to the adapter.



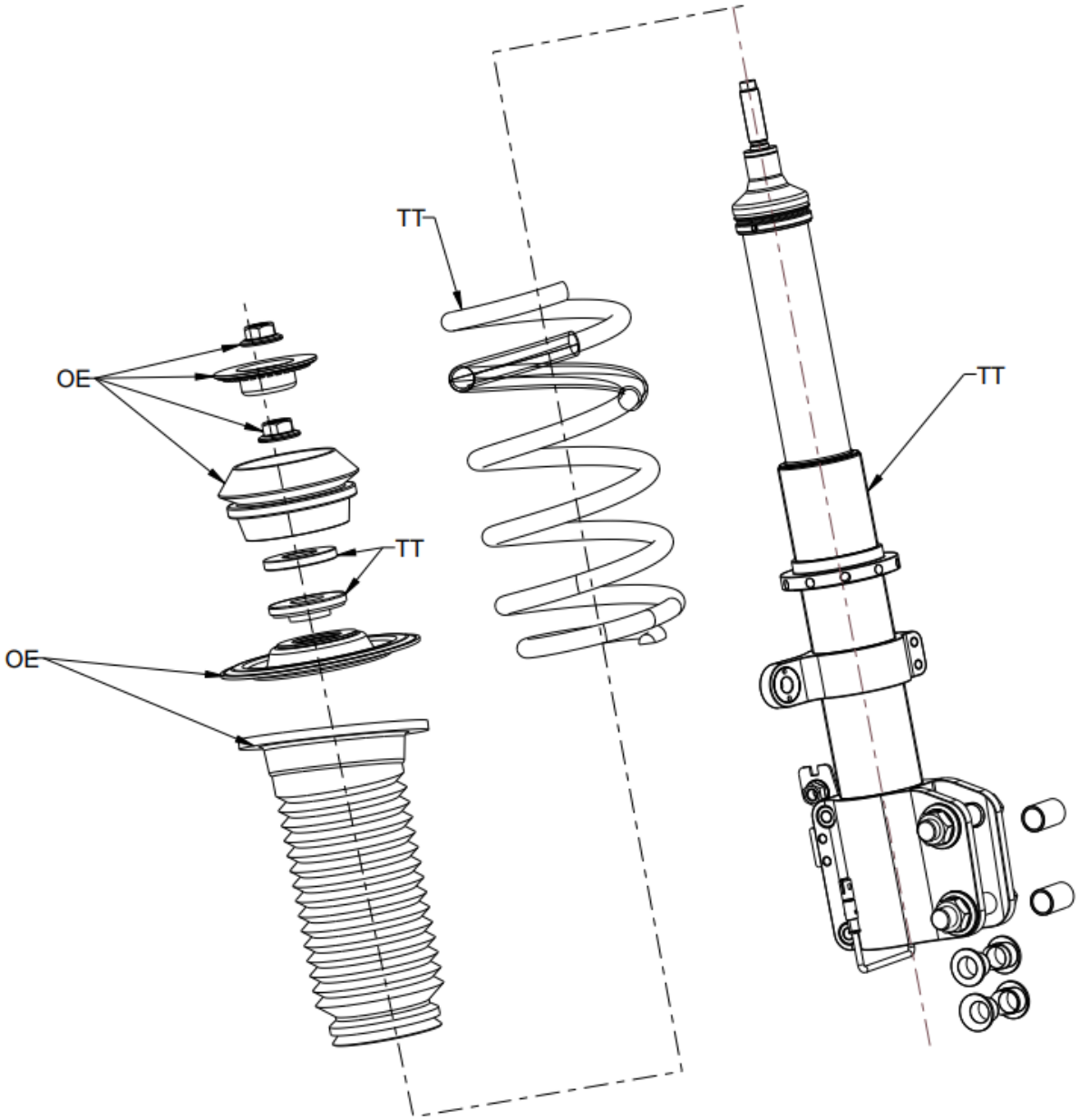
Connect the red power cable with fuse to the + / positive of the battery (30)



Connect the black cable to the - / minus from the battery (31)

TT = Delivered by Tractive

OE = Original Equipment



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