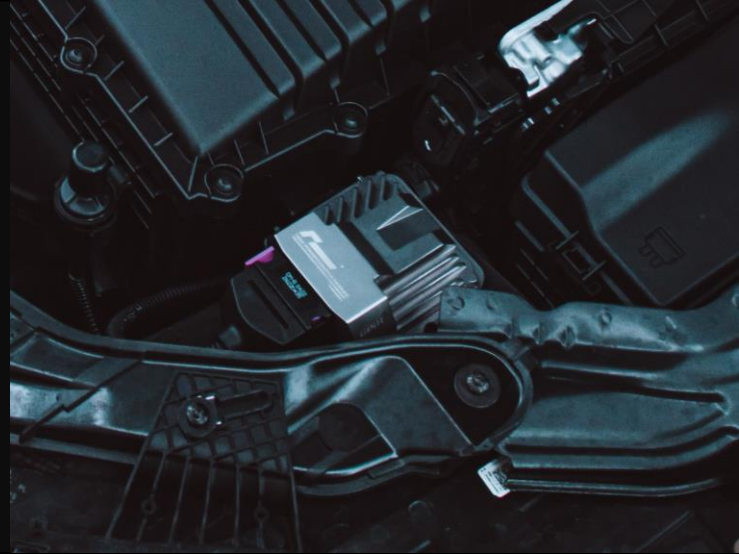


# Power Control Module (PCM)

RS3 8Y 2.5 (DXHA) Engines

VWR030001-RS38Y

FITTING INSTRUCTIONS



## WHAT'S IN THE KIT?

- ▷ 1 x Power Control Module (PCM)
- ▷ 1 x Carbon Fibre Mounting Bracket
- ▷ 1 x PCM Wiring Harness
- ▷ 1 x PCM Deactivation Plug

## REQUIRED TOOLS AND PARTS

- ▷ T30 Torx Bit

## FITTING NOTES

- ▷ This is a complex install, and any mistakes can lead to vehicle warning lights & incorrect engine operation.
- ▷ Therefore, we highly recommend professional fitment of this PCM product.
- ▷ Prior to install, if the engine has been in operation, please wait until the engine cools down before performing installation to avoid potential flesh burns.
- ▷ Ensure all wiring harness connections have a solid CLICK, to confirm a positive connection.
- ▷ RacingLine Performance will not be liable for any damage caused by mis-installation.



## FITTING INSTRUCTIONS

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#### Vehicle preparation:

1. Unlock and open bonnet (Hood). Once the bonnet is open wait for 15 minutes until vehicle all electrical components have discharged.

#### Vehicle Installation Notes:

1. Vehicles with 'Keyless Entry' place the key away from the vehicle, about 10-15m.
2. For vehicles with aftermarket alarms installed, the alarm must be disabled prior to starting any part of the PCM installation.

#### Step 1:

##### Removal of engine :

To allow easy access to the 2 wiring harness connection points, start by removing the engine cover for greater visibility and ease when routing the wiring harness around the OEM air box and engine components. Engine cover is done by pulling on each corner of the engine cover until all the mounting rubber bobbins are loose. Then pull up and place the engine cover away from the engine bay to avoid any damage to the cover.



## FITTING INSTRUCTIONS

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#### Step 2:

Once engine cover and undertray is removed all 2 wiring harness plug in points can be observed, please see below images for reference:

Turbo Boost Pressure Sensor = A / Manifold Absolute Pressure Sensor = B / Camshaft Position Sensor = C

#### Step 3:

**Wiring Harness Installation:** Lay wiring harness over engine bay and route the labelled harness sections to their respective connection points, using Step 2's images for reference.

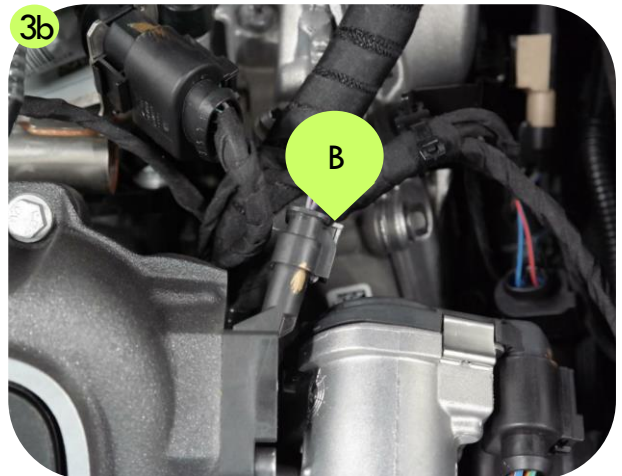
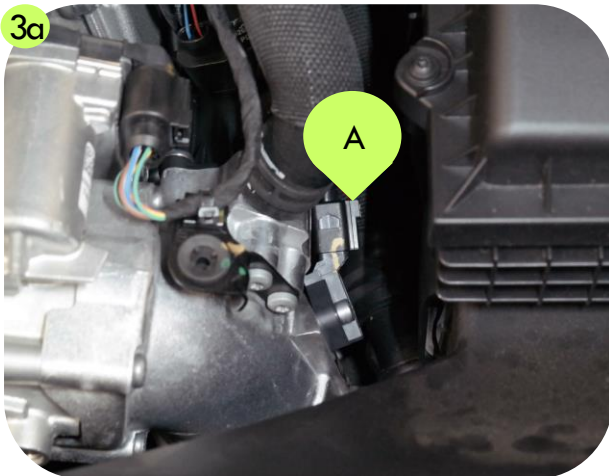
For each section of PCM wiring harness ensure an audible click is present when each fitting is connected with the OEM wiring loom. To ensure the PCM harness is routed securely, please use the provide zips ties where needed.



**Harness Section A – Turbo Boost Pressure Sensor –** Route section A down under the airbox and towards the front of the engine, Disconnect the turbo boost pressure sensor connector and wire in series the PCM wiring harness section labelled A. See figure 3a for assistance.

**Harness Section B – Manifold Absolute Pressure Sensor –** Route section B down under the airbox and towards the front of the engine, Disconnect the manifold absolute pressure sensor connector and wire in series the PCM wiring harness section labelled B. See figure 3b for assistance.

**Harness Section C – Fuel Sensor –** Route section B down under the airbox and towards the front of the engine, Disconnect the manifold absolute pressure sensor connector and wire in series the PCM wiring harness section labelled B. See figure 3b for assistance.



## FITTING INSTRUCTIONS

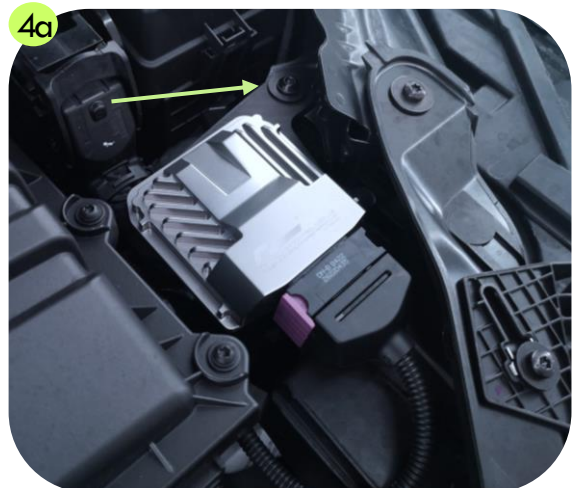
### VWR030001-RS38Y



#### Step 4:

##### Installation of PCM:

- The PCM is pre assembled and simply needs to be installed by removing the 1 x T30 torx bolt shown in Figure 4a.
- Next connect PCM wiring harness to the PCM, this is completed by offering the connector to the PCM with the purple retaining clip pulled out. With the PCM and wiring harness connection contacting one another, push the clip inwards and this will result in the harness connector pulling itself onto the PCM connection.
- Finally, Offer the PCM into place and using the T30 torx bolt you removed above and bolt the PCM into place, as shown in Figure 4a.



#### Step 5:

##### Re-Installation of engine cover, air intake & undertray:

Now the PCM wiring harness is fully installed. The final step is to re-install the engine cover which is the reverse of Step 2.

#### Step 6:

##### Function test:

- Switch ignition on, **DO NOT** start the engine.
- Once ignition is on, ensure check engine light and EPC light appear and go out as normal. If this happens you may now start the engine, the vehicle should start as normal and will react to the throttle while idling as prior to installation.
- Switch off engine and Ignition.
- Your RacingLine Power Control Module is now fully installed and ready to be enjoyed.