

MiTo Tuning Box Installation (1.4 TB)

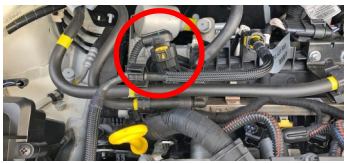
Step 1: Remove engine cover

The petrol MiTo engine cover simply pops off of three connecting points - two near the front and one in the centre at the back. A firm tug will remove it.

Step 2: Identify the location of the MAP and Boost sensors

The MAP and Boost sensors are shown in the image at the top of this page.

The MAP is on the left side behind the oil dipstick.



The Boost is on the right just to the left of the battery.



These are the main connection points for the tuning box.

Step 3: Connect MAP

Firstly, using your finger or a small screwdriver, ease up the yellow locking clip of the MAP sensor connector. This unlocks



the plug so it can be removed.

With the lock lifted, gently remove the MAP cable from the connector.



The tuning box (the example used is a Bluespark) has two cable connections for the MAP. One should be labelled MAP, and the other is labelled CLIP THIS WAY UP. The original

MAP cable that you just removed must be carefully plugged into the tuning box lead labelled CLIP THIS WAY UP, ensuring that the label is the correct way for the yellow locking clip to attach.

The other tuning box MAP lead should now be plugged into the original connection point from which you removed the standard MAP plug. Your connections should look the same as the image on the right.

Step 4: Connect Boost

The Boost plug has the same type of yellow locking clip as the MAP, so gently ease the clip up using your finger or a small screwdriver.



With the lock lifted, gently remove the Boost cable from the connector.

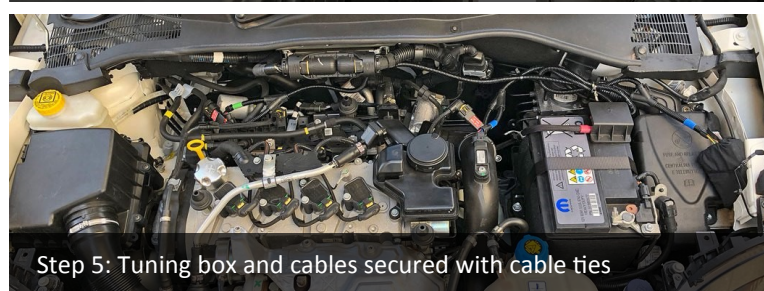
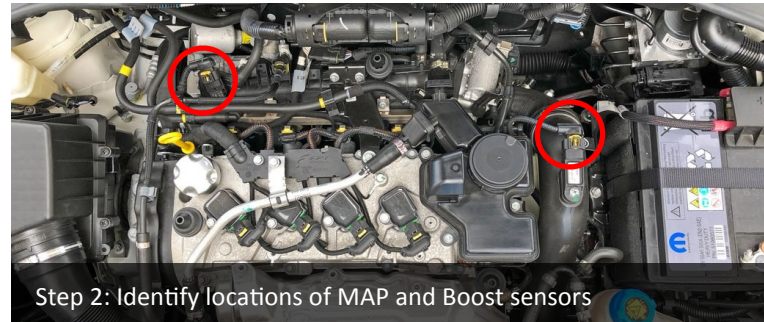


The tuning box has two cable connections for the Boost. One should be labelled BOOST, and the other is labelled CLIP THIS WAY UP. The original Boost cable that you just removed must be carefully plugged into the tuning box lead labelled CLIP THIS WAY UP, ensuring that the label is the correct way for the yellow locking clip to attach.

The other tuning box BOOST lead should now be plugged into the original connection point from which you removed the standard Boost plug. Your connections should look the same as the image on the right above.

Step 5: Cable-tie and secure

It is important to find a secure location for the tuning box itself so you can route all the cables safely to be out of harms way



and not foul the engine cover. The image above shows a reasonable location for the tuning box to be cable-tied to the inside of the nearside wing, above the fuse box next to the battery. This should be relatively vibration-free and dry, and the Bluespark box comes with a cloth bag in which to situate the tuning box.

Once you are happy with a secure location for the box, simply gather up the tuning box wires and carefully cable-tie them to-

gether (if they are quite long like the Bluespark version) and carefully cable-tie them along a safe route at the back of the engine bay, or a route of your choice to suit the location you have chosen for the tuning box itself.

Check that all the cables are clear and secure, scissor off the excess cable-tie and ensure your engine cover sits nicely back in position.

A video of my routing is on the MiTo Register Youtube Channel.