



Pandapter Installation

Disclaimer: Please note, the Pandapter is a modification. While I have tested it to the best of my abilities. I have written this document to make the Pandapter installation as idiot proof as possible but there are some that love to take shortcuts. Let's face it, we all do. All I am trying to say is that this modification is entirely your responsibility and I don't take any responsibility of any damages or injuries caused.

Description

Right off the bat. Thank you so much for purchasing a Pandapter. This has been like making beer. Time, determination and plenty of money blown. Finally, I have developed a simplified method for making your teeny weeny iddy biddy Panda 100HP more fast. THAT'S RIGHT! Your little bundle of joy can now be transformed with a beautiful, opera singing, Italian stallion TJet engine from Fiat. The choice is yours which! However, there are some caveats to note:

1. Make sure the engine loom on your TJet is the correct one. The image below shows the style of the ECU plug that is required.



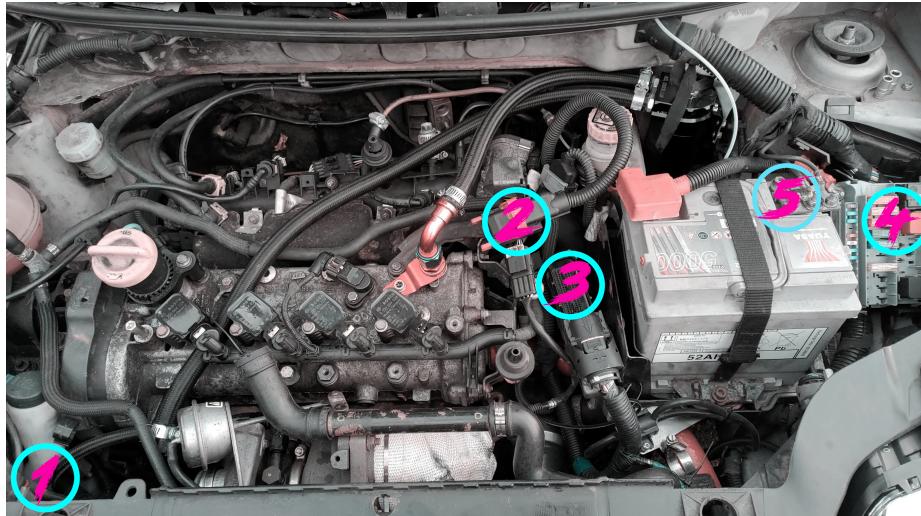
2. Make sure the ECU you are using is the Bosch ME 7.9.10 from either a Fiat Bravo TJet (120hp/150hp) or the Fiat Punto TJet (120hp/155hp). This is the tried and tested ECU.



Note: The image above is an Abarth 500 ECU. These ECUs **DO NOT WORK**, though they look similar.

3. Whatever ECU you decide to go with, you will need to “virginise” your ECU. This is a process which sets your ECU to *factory mode*. Meaning the next time you plug the ECU in and turn the key over, the ECU will register the IMMO code from your key.

Once all of those caveats are checked over, you're in luck! All that is left is literally plug in, and run the engine! What's nice about this adapter, is that there are only 5 mounting points (shown below)! I know, you can thank me later. Below is a diagram of the locations where to plug in the plugs (though this may differ depending on your setup, but should follow the same formula).



1. Turbo Boost Solenoid

For the turbo boost solenoid, the wire needs to be run all the way around the engine bay. The best way is to run it is around the back where the fuel lines are, then down towards the overfill water canister and then to the solenoid.



2. Fiat Panda 100HP ECU Body Plug Male

For the Panda ECU plug, this has to be plugged into the Pandapter main body as shown below. Please note that it is a 3D printed part. The pins need to slot in exactly into the Panda ECU plug. **Slowly bring down the latch on the plug.** If the pins aren't aligned you may bend the pins and that's not good...



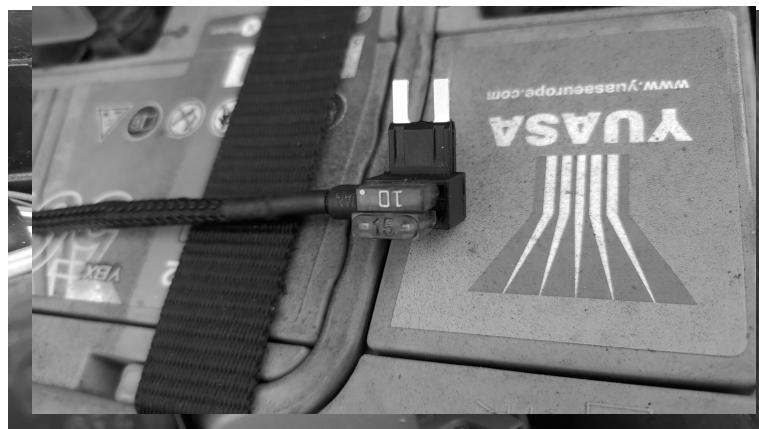
3. Bosch ME 7.9.10 ECU Body Plug Female



The next plug is the main Bosch ECU plug. This pops right in with no issues. Slide it in and then press the lever down. That's it!

4. Fuse Box

The final plug requires a positive feed from the fuse box to the turbo solenoid. You unplug the top 10AMP fuse (image above) and plug it into the fuse adapter on the Pandapter (image below):



Once you have plugged in the fuse, plug the fuse adapter in place of where the 10AMP fuse was initially.



5. Ground Strap

Finally (almost there!) connect the ground strap to one of the battery Negative terminals (- or black wires on the battery terminals) and screw down the strap with a 10mm nut.



Finally...

Turn over the key.