

TGB Replacement, ECU Replacement Instruction Manual

IMPORTANT

Note:

When installing an ECU from Carmo, it is always necessary to replace the ignition coil. An old or incompatible coil can cause damage to the new ECU and/or negatively affect the engine's ignition performance.

Installation Manual, ECU and Ignition Coil

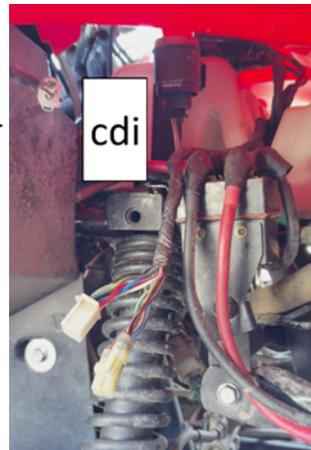
Location of ECU/CDI and Coil

- ECU/CDI:

The original CDI is mounted on the right-hand side of the vehicle, in front of the front wheel, just below the fender and above the end of the shock absorber.

- Coil:

The original coil is located under the fender on the left-hand side of the front wheel.

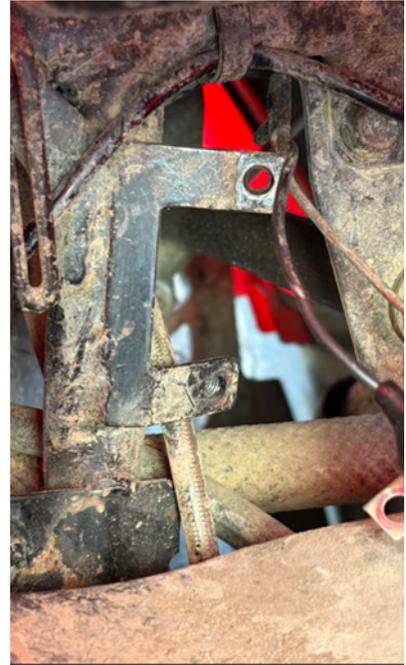


Disassembly

1. Carefully remove the original CDI from its position at the front right, above the shock absorber.
2. Then remove the coil located on the left side under the fender.
3. Check that all connector plugs are clean and undamaged.

Installation of the New ECU and Coil

1. Transfer the original rubber mount from the old CDI to the new ECU from Carmo. This ensures a good fit and vibration damping.
2. Firmly and correctly connect the plugs to the new ECU.
3. Mount the new ECU back in the original location where the CDI was installed.
4. Connect the plugs and mount the TCI in the original CDI location.
5. Transfer the original spark plug cap to the new coil.
6. Our coil is slightly larger than the original and can only be mounted with one screw. Slightly bend the lower mounting bracket backward (see the top photo).
7. Our coil requires 2 connections:
 - The green/red wire can be attached to the negative terminal.
 - The original black wire can be screwed onto the coil's mounting screw.
 - We have also supplied a separate wire for the positive terminal. This wire should be clipped to a switched positive connection (always a brown wire), using the included connector clip.



Post-Installation Check

- Ensure the ECU is securely mounted and has no movement.
- Start the engine and check for correct ignition and RPM function.
- If the engine fails to start or runs irregularly, check the connections and confirm that the correct coil has been used.

Have fun!
Team-Carmo