

TPS Reset Procedure for:

MM-IAW 59M, MM-IAW5AM, MM-IAW5SM, MM-IAW5DM

[\(for information on TPS reset for MM-IAW15RC: scroll to end of document\)](#)

PLEASE NOTE: This document is not a comprehensive manual, and it assumes that you have successfully installed the software and have established communication with the ECU.

Press the dials button (Gauges/Meters) to display data including the TPS reading. Open the throttle progressively and the TPS reading should respond accordingly: 4.5° to 4.9° with closed throttle and 84.2° to 84.5° fully open.

The left throttle plate factory set at 4.6° and the idle stop screw on the left throttle body **must not be touched at all**.

To reset the TPS, press the screwdriver icon (Active Settings) and then select TPS from the tabs towards the screen top. Two windows that pertain to TPS reset will open, but only the left window is active. Press the TPS/screwdriver button and a warning will come up that resetting the TPS will affect the engine operation. Press OK, and to the right of the screwdriver icon a seconds count down will appear. When finished 'Pass' should appear together with an ECU Reset window. This window will invite you to turn the ignition off for a minimum of 13 seconds and then to turn the ignition on again. When done, press OK.

Return to the Gauges/Meters screen and the reset TPS reading will show. In the case of the Brevia that should be 4.5° to 4.9° At this stage the TPS resetting is done, but you can go on to check the function of many components by going to the icon which looks like a fuel injector (Active Test) and then activating the various options presented to you.

General arrangement

- The left throttle body carries the throttle-stop screw - which is factory set and must not be altered. It sets the left throttle butterfly mechanically at a base position of 4.5° to 4.9° with the throttle closed and the engine stopped. 4.5 seems to be the common setting.
- The right throttle spindle carries the TPS which must be zeroed electronically.
- Whenever throttle balance is adjusted. The TPS should also read 4.5° to 4.9° with the throttle closed and the engine stopped.
- Idling speed and mixture are dealt with automatically by an ECU-controlled stepper-motor and cannot be adjusted manually.
- Both throttle bodies have air bleed screws which act independently of the ECU and are used only to perfect idling vacuum.

[TPS Reset: MM-IAW15RC](#)

For the 15RC, the VDST does not show the actual TPS value in the normal TPS channel/position. The TPS value of 2.3 - 2.5 will not change on reset. The channel to observe for the TPS position is Alfalin_0. It will display in millivolts.

In order to display the TPS in degrees, replace one of the other on-screen functions, i.e. Spark advance (or any other) with the channel Alfalin_0.

To do this, select the 'CH' (channel) from the pull-down menu, and replace it in for one of the channels displayed as default on the dashboard. Replace with the alfalin_0 signal.

The new channel should show 3.1 degrees on reset.

To zero the TPS, the procedure is the same as the 5AM, just follow the on-screen prompts. Trim cannot be adjusted on the 15RC because it is controlled by the Lambda reading.