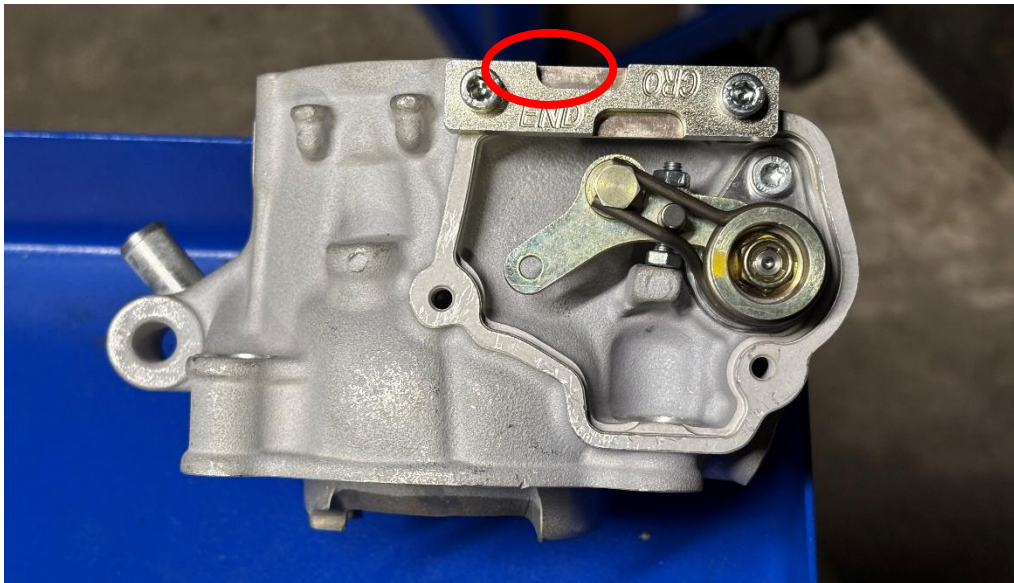# Valve setting instructions

Present the template of the dedicated model on which you want to adjust/replace the exhaust valves.

Example:

For ENDURO / SMR model, position the template with the word "END" legible

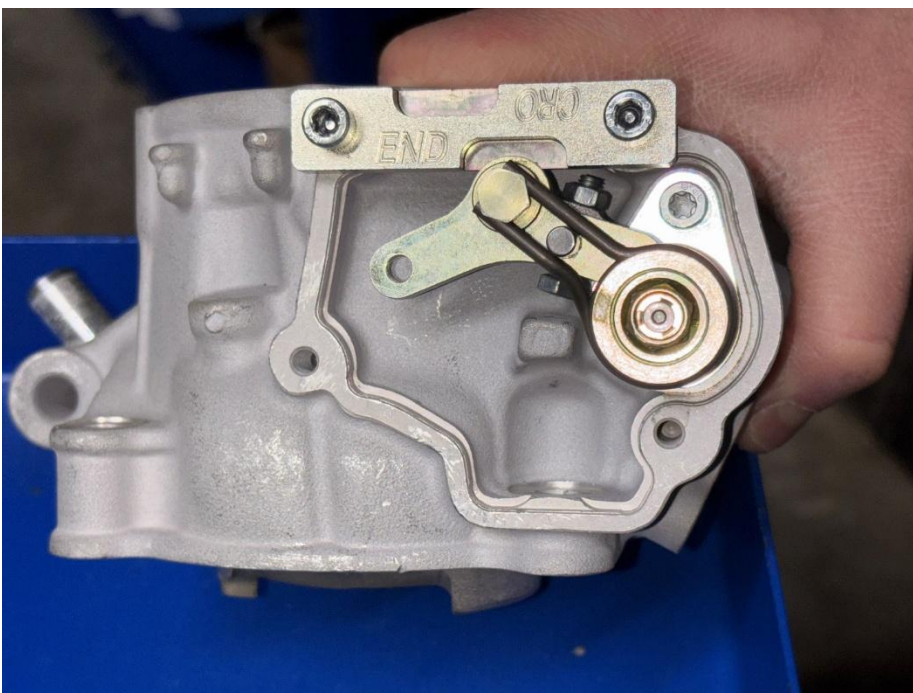For model MX (CROSS), position the template with the word "CRO" legible

Using a 7 mm spanner, hold the valves in the fully open position.
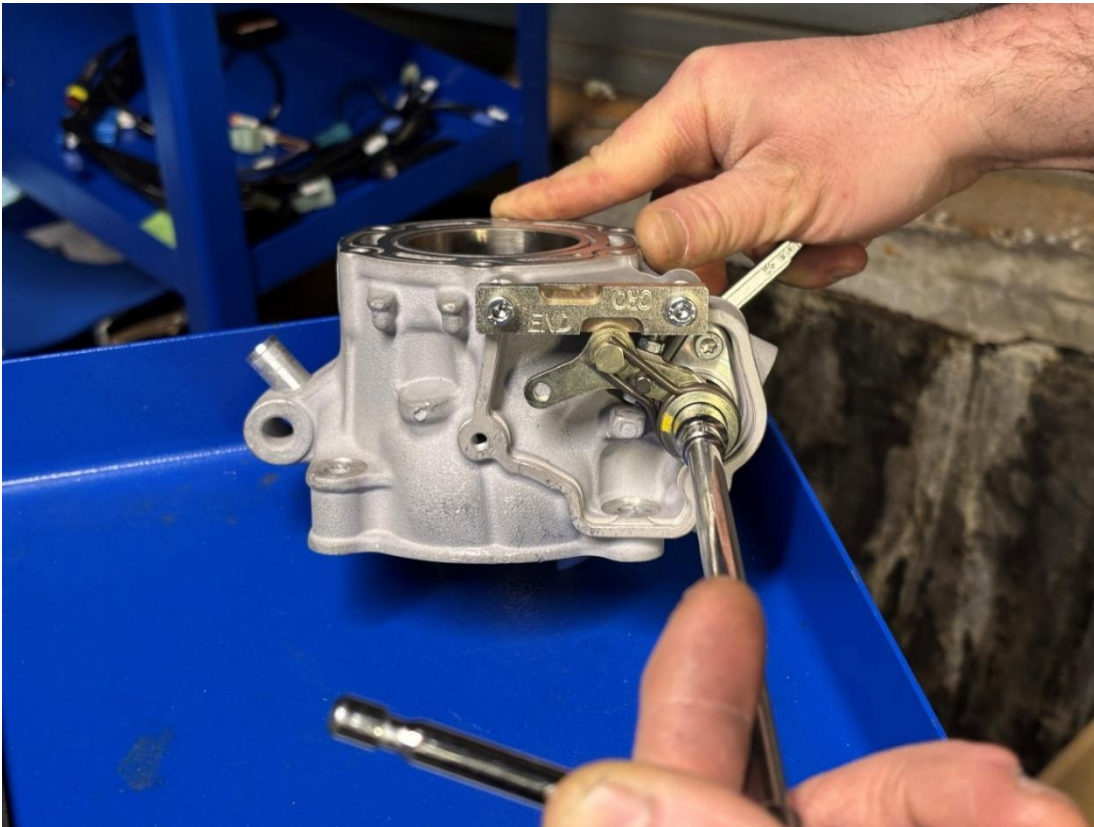

While holding the valves open, check that they have no play, if so, cancel them by pressing the valves by hand.

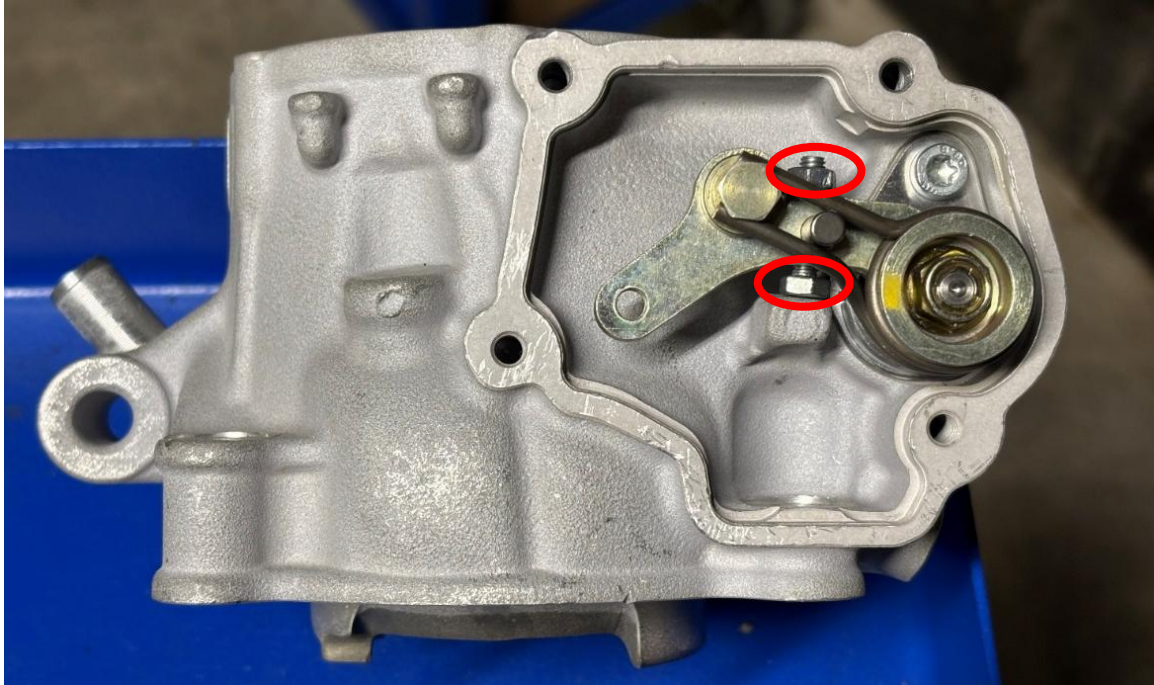Push the linkage to the stop as in the photo.

Using a 10 mm socket spanner, tighten the nut so that it joins the linkage movement with the exhaust valve.

Finally, check that the valves are moving freely, otherwise check/replace the calibrated shim along the exhaust valve shaft.

At this point, you have set the all open position, now it remains to adjust the end stop with the valve closed.

TM Moto S.r.l. Unipersonale - Via Fano, 6 - 61122 PESARO (Italy) - Tel. +39 (0)721 25113 - Fax +39 (0)721 401808
E-mail: info@tm-moto.it - internet: www.tm-moto.it
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Using the end screw and nut shown in the photo, adjust the distance according to the vehicle type.

Use a depth gauge and adjust the end stop with the following values:

125cc 42.00mm

250 - 300cc 57.00mm

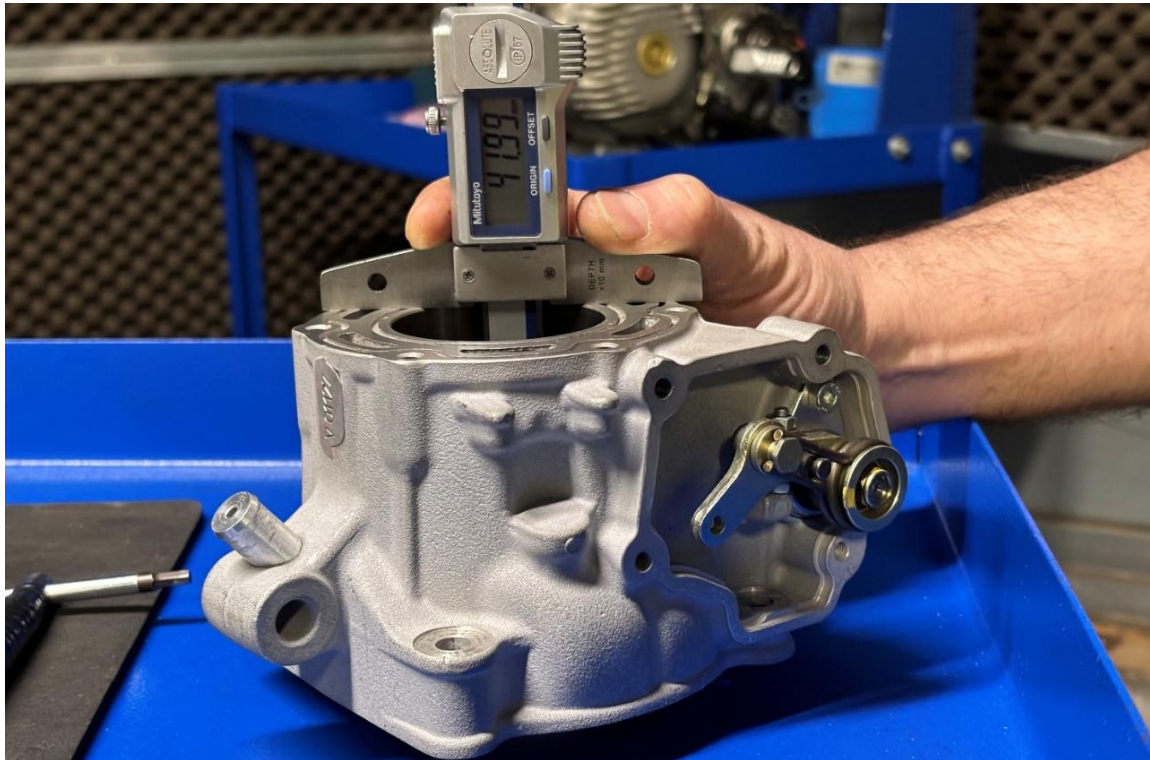Remember to re-calibrate the valve using the Caltool diagnostic software.

Here are the ideal values:

125cc ideal value 20 - 22 points, (tolerance +/- 2)

250cc ideal value 25 - 27 points, (tolerance +/- 2)

300cc ideal value 34 - 36 points, (tolerance +/- 2)

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Example: (125cc)

Correct measuring position: