

Thank you for purchasing an exhaust gas recirculation device for the MAN TGX Euro 6 - EGR from Vancooler.

The purpose of the following information is to indicate the places in the cooling system that must be verified before installing the purchased EGR, which are the most common cause of EGR damage.

- 1) Tightness of the high-pressure charge air cooler
- 2) Efficiency, patency of the DPF filter
- 3) Low pressure cooler tightness
- 4) Tightness of places responsible for a loss of cooling liquid in the system or causing incorrect operation

The above elements are the most common causes of overheating and damage to the EGR core. Installing the purchased EGR in a defective system will result in overheating and unsealing of the core.

Each EGR in the Vancooler production process is double-checked for leakage. First tested is the new core. After assembly core, the complete EGR is again leak-tested. Thanks to this procedure - we are sure that each EGR sold is 100% tight and functional. EGR in which overheating and damage occurs to core (verified on the basis of the temperature label) is not subject to the warranty procedure in accordance with § 10. e) GTC (general terms and conditions).

The warranty becomes invalid when the warranty seal is removed by an entity other than the Seller from the goods in which it was applied in accordance with § 10. c) GTC.

In the regeneration of the exhaust gas recirculation, all the most important components are replaced with new ones:

- new core
- new O-rings and gaskets
- new throttle shaft with mounting (throttle moving part)
- new closing flaps (throttle moving part)

Regeneration and re-use are elements which we restore to full efficiency, i.e. body, dome, throttle (except for moving parts), non-return valves (the possibility of purchasing an EGR version with new non-return valves).

Each thread is corrected to allow trouble-free installation in your workshop.

In addition, our EGR for the MAN TGX Euro 6 is equipped with a proprietary solution for manual calibrating the throttle with an actuator.

The purchase of a Vancooler exhaust gas recirculation involves acceptance of the general terms and conditions available at [https://vancooler.pl/pl/content/owh?cms\\_rewrite=owh](https://vancooler.pl/pl/content/owh?cms_rewrite=owh)

## MAN TGX EURO 6 EGR THROTTLE – MANUAL CALIBRATION

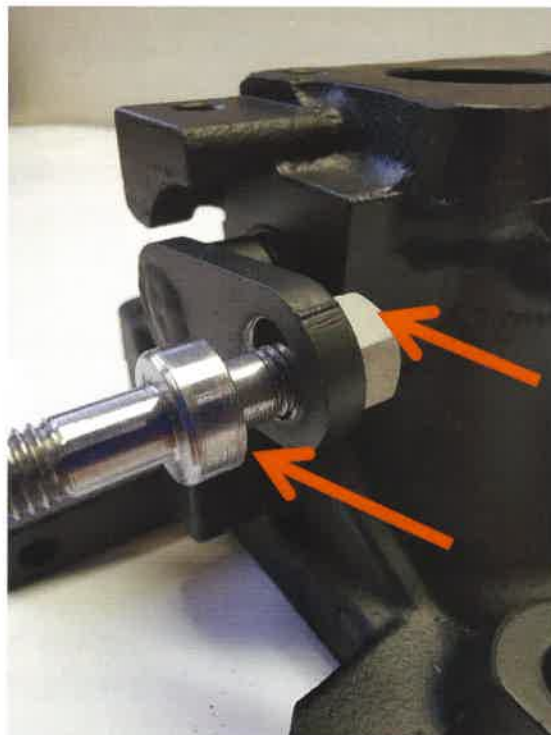
Dear customer!

The experience gathered by us during the entire period in which we perform regeneration of EGRs for MAN TGX Euro 6 for our Clients, has shown that very often we are not able to obtain used EGR before starting the remanufacturing process. Therefore, we are not able to ensure the correct calibration throttle with an actuator, what is necessary for the correct operation of cooling system.

Therefore, we have developed our own solution, thanks to which you will be able to calibrate your throttle with an actuator yourself in the workshop with the use of basic tools. Calibration consists in the correct positioning of the flaps closing lever.

To change the setting, simply loosen the pin connecting the actuator to the electric actuator. Tools needed are flat wrenches 12 and 13. The slot in the lever allows you to change the position of the screw. The adjustability is sufficient for correct setting and the error indicator light on dashboard should go out after correct calibration.

On the below picture throttle as separate part



After loosening the self-locking nut together with the washer, simply move the lever and tighten the nut.

Start the car. If the error light turns off, the calibration is complete.

Attention!

To change the setting, it is enough to move the lever by 1mm, so we recommend gentle, gradual setting of the pin.