



TECHNICAL SPECIFICATION:

- Supply voltage: min. 10 [V] max. 16 [V]
- Quiescent current: <10 mA
- Max. current: 4 cyl - 15 [A] / 6 cyl - 20 [A] / 8 cyl - 25 [A]
- Temperature Range: -20 [° C] to 110 [° C]

TECH-320 OBD Controller Series

TYPE: LPG/CNG Injection Controllers

MODEL: TECH-324 OBD, TECH-326 OBD, TECH-328 OBD

TECH 320-OBD is a microprocessor-based controller which is using a traditional 56-pin bundle. These controllers are designed to operate with 4/6/8 cylinders engines (depends on the version). Also, it is possible to parallel connect two controllers in a MASTER/SLAVE mode, which helps to extend the number of supported cylinders up to 16. Compact case (190 x 125 x 30 mm) helps with fitting controller in a modern, built-up engine compartments.

TECH-320 OBD series provide the same functions and security features as TECH 320 series – ensuring excellent quality and performance. Additionally, TECH-320 OBD series communicates with OBD protocols: CAN (11/500; 29/500; 11/250; 29/500), ISO 14230 slow, ISO 14230 fast, ISO 9141. Connection with the vehicles OBD system uses only two wires, regardless of the used protocol. Another advantage is the possibility to use the controller to read, erase diagnostic trouble codes and read all the engine parameters, like using a standard OBD scanner.

TECH 320-OBD series has automatic DTC erasing function (up to 8). After finding a fault code stored in table „codes to delete“, the controller automatically clears the petrol ECU memory. In other case, when readed code doesn't exist in the table, controller wouldn't clear faults memory in order to alert the driver about the problem in engine system.

After connection with the vehicles OBD system, TECH-320 OBD will pick up and save in table fuel trim values on petrol and gas. OBD adaptation, based on this data, self-adjust mixture composition to reach perfect instalation calibration. This ensure convenient autogas system operation.



- 56-pin connector
- Precise calculation of gas dose on the basis of the built-in correction system
- TECH and STANDARD tuning algorithm
- Additional idle slider
- Self diagnosis of faults and defects
- Full short circuit and overload protection
- Compatible with Valvetronic and Rotary engines
- Cooperation with LPGTECH GASDROID app
- Cooperation with LPGTECH GAS SETTING through the BlueTECH module
- Oscilloscope to read the installation parameters
- Support petrol injectors loops
- Cooperation with turbocharged engines
- The reminiscent of the of the gas system overview
- Three-dimensional map of the petrol and gas
- The ability to download RPM signal from the camshaft position sensor
- Automatic calibration of the gas level indicator
- Non-volatile memory error
- Additional RPM adjustment
- The ability to send files to the oscilloscope technical department directly from the software
- Cooperation with various types of fuel injection control and automatic detection (Sequence Self-Sequence, FullGroup)

INSTALLATION INSTRUCTION:

The controller should be attached permanently to the fixed vehicle's parts, away from high voltage cables, in a place that is not exposed to the high temperatures (up to 110°C) and water, with the socket directed downwards (except in cases where the producer's recommendation is to assembly it in a different way).

All wires must be isolated and led in such a way, as not to interfere with the operation of other vehicle components and were not close to moving vehicle's parts.

Electrical connections should be soldered and solidly isolated.