

Speed Limit Device (SLD) type NK-80 for telematics applications



Speed limit device type NK-80 provides unique possibilities to the fleet owners and tracking, monitoring, telematics, road safety service solutions providers and vendors.

It forces vehicle speed reduction or immobilization by turning engine to the idle mode once getting command from vehicle telematics system or additional sensors/systems, thanks for 2 inputs for analog signals.

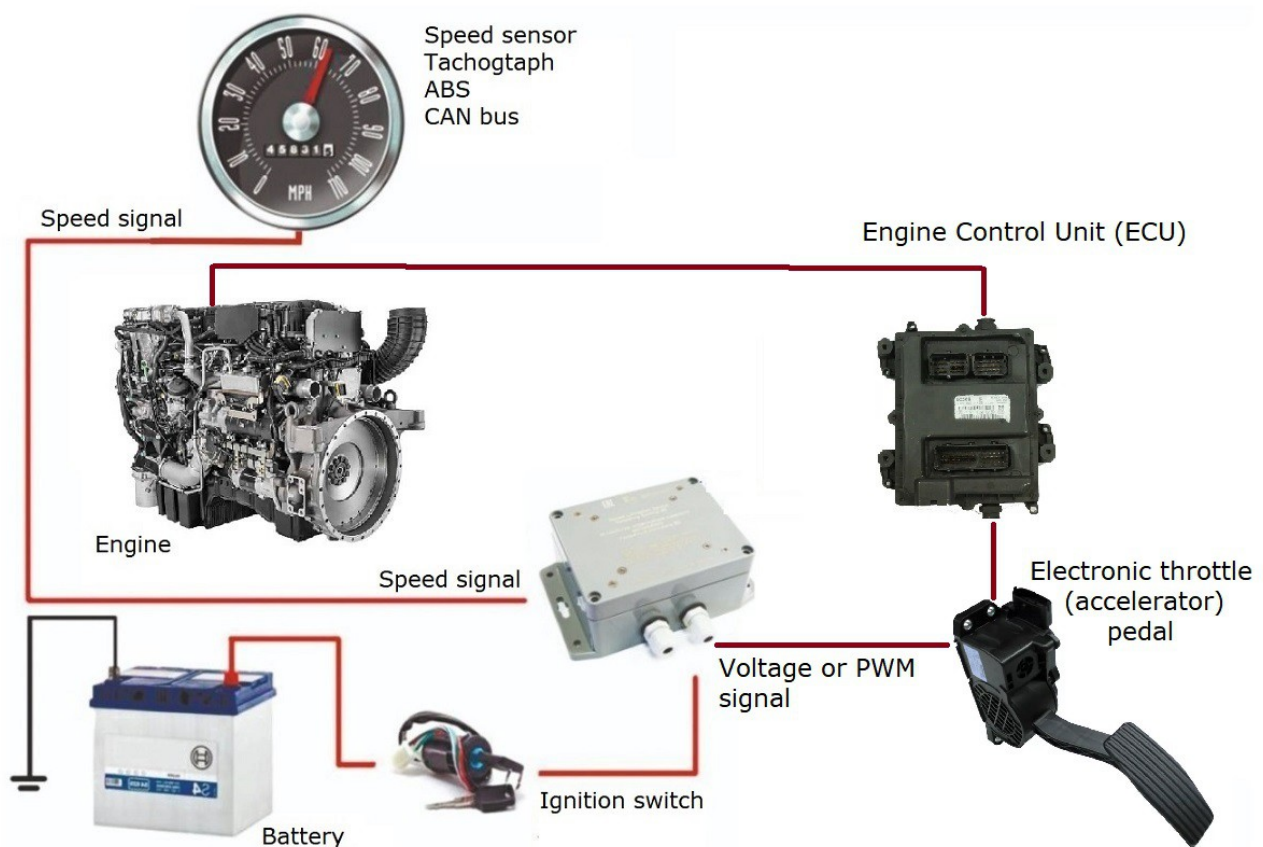
The device DOES NOT SHUT THE ENGINE OFF , this means that the proper functioning of brakes and steering is NOT AFFECTED !

This enhance road and public safety, protects people's lives and helps to avoid fines and losses of assets and cargo.

Ways of implementation

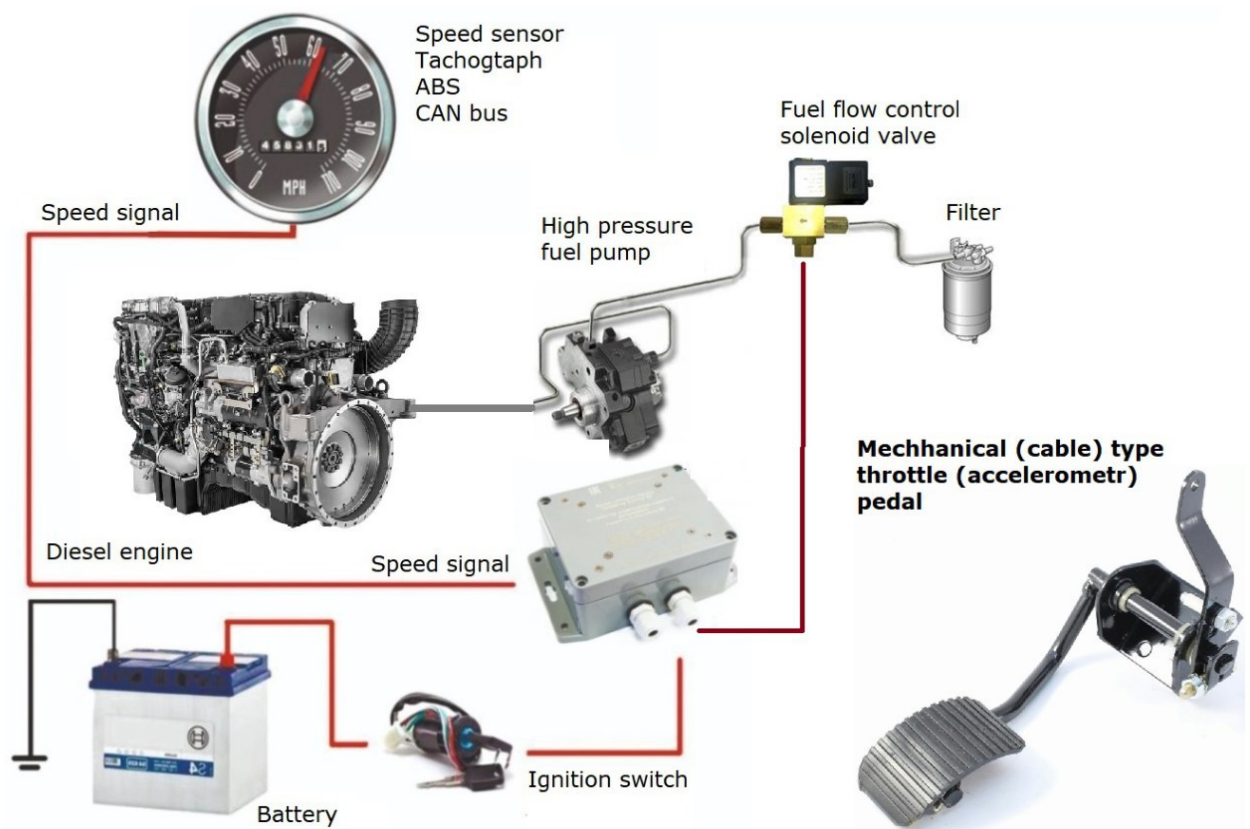
Option 1.

- A. Type of throttle (accelerator) pedal – Electronic
- B. Output signal from from pedal – Voltage or PWM (Pulse Wide Modulation).
- C. Type of engine- Petrol or Diesel



Option 2.

- A. Type of throttle (accelerator) pedal – Mechanical (cable) type.
- B. Output signal from from pedal – N/A
- C. Type of engine- Diesel
- *D. Solenoid valve required.
- *To be ordered separately.



Most popular use cases.

1. Speed limiting if vehicle enters or leaves predefined NO-GO ZONE or GEOZONE with the specific rate of the speed limit.



2. Automatic or remote vehicle immobilization (engine doesn't shut off) in safe and effective manner according the command send to GPS/GSM telematics device from control room.



3. Active errors on the dashboard** or signals from sensors**: seat belts are not fastened, high engine coolant temperature, low brake fluid level, low engine oil pressure, low engine coolant level, low tire pressure, exceeded distance or time period without service and many other parameters.

! CAN bus reading is on development and official release will announced additionally.

** The availability of signals depends on the model of the vehicle /car and type of installed sensors or other additional systems.

