

SPEEDTROLLER

Digital Speedometer Warning or Automatic Control System



Features:

- Enables accurate measurement of speed, distance and over-speed events.
- Large, illuminated LCD display with resolution to .1 miles or kilometers.
- Easy automatic calibration from screen: Input speed limit desired - input wheel diameter.
- Data removal from screen for distance and speeding event frequency and longevity.
- Distance traveled exceeding pre-set speed limit is logged, to be later retrieved by supervisor.
- Optional fuel control solenoid controls speed on LPG powered forklifts automatically.

Components:

- SPEEDTROLLER weatherproof LCD display showing speed (mph or kph).
- Internal (buzzer) and external (LED) alarm flashes when speed limit is exceeded for +10 seconds.
- External flashing siren (120dB) alarm sounds when preset speed limit is exceeded.
- Adjustable mounting bracket allows versatile installation options.

Benefits:

- Significantly improves the safety of equipment in use in congested environments.
- Makes drivers accountable for reckless speeding habits.
- Basic form "warns" operator he/she is speeding during "grace period."
- "Grace period" setting allows operator to slow vehicle before siren alarm sounds.
- Siren alarm alerts everyone in the plant that that vehicle is speeding.
- Optional fuel control solenoid (LPG engines) controls fuel flow to set speed-automatically.
- Automatic control removes the responsibility for speeding from the operator.

The SPEEDTROLLER measures and displays/logs the forward speed and total distance covered by an electric or internal combustion vehicle. Also includes (2) programmable FWD/REV speed alarms.

Application:

- Device shows forward speed on LCD faceplate.
- Speed limit easily set at what you want (say 6 MPH) by inputting 6 and the wheel diameter.
- Magnetic sensor is mounted in wheel well or tire - gear tooth sensor is optional.
- Power supply is wired directly to DC battery voltage on internal combustion or electric vehicle.

Speeding:

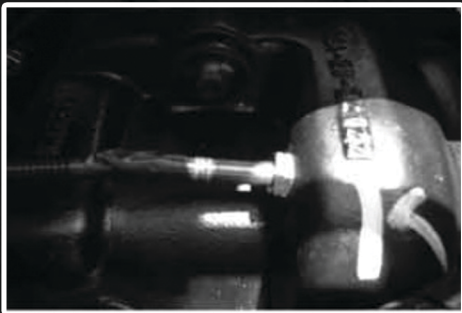
- When speed limit is met X#, small LED alarm and buzzer begin to flash/chirp.
- When speed limit is exceeded for X seconds, large 120dB flashing/siren alarm sounds.
- When the vehicle's forward speed returns below the limit, the forward speed alarms are reset.

While the speed is greater than the preset limit, the instrument logs the distance traveled in 4 preset logging bands - DISTANCE TRAVELED AT X% OVER THE SPEED LIMIT SETTING. After this data is extracted by supervisor (with PIN code) distance/speed can be reset to 0.

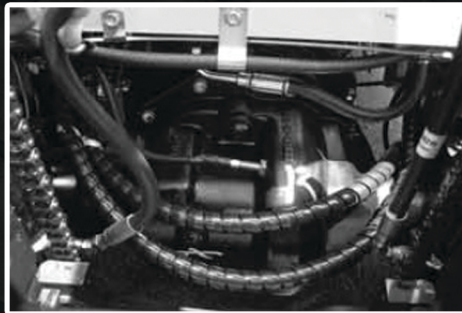
Distance traveled:

- Press channel select switch and select Channel 5 - total distance traveled.
- LCD display shows the total distance (miles/km) the machine has covered since it was last reset.
- Speed sensor and automatic speed control options for SPEEDTROLLER and KEYTROLLER models:

Gear tooth sensor is the recommended method for picking up vehicle speed - better response.



Gear sensor picks up "teeth" speed and is away from wheel rotation debris.



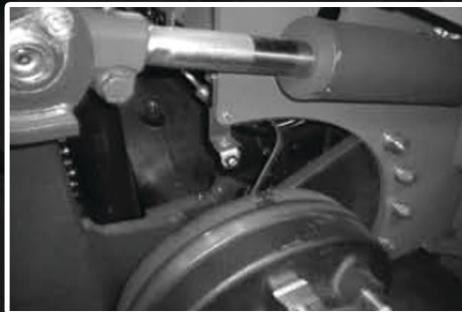
Optional electronic fuel control solenoid can be mounted to LPG powered engines to automatically control top travel speed.



"Erasure" head magnet is inserted into tire. Alternatively, magnet can be embedded into wheel.



Sensor mounted in wheel well - sensor must be within 1.5" of magnet.



Alternatively, sensor can be mounted inside brake housing area.

