

# Product information

## Pro-Line Throttle Valve Cleaner

PI 34/21/10/2020



### Description

A mixture of cleaning agents for cleaning and maintaining intake manifold and throttle body of Gasoline engines. Dissolves and removes deposits and contaminants, restores normal function of moving parts. Also ideally suited to clean intake valves of modern GDI engines. Regular use keeps the intake system in perfect working order and reduces repair costs. Safe with catalytic converters, EGR and GPF systems.

### Properties

- excellent cleaning effect
- simple to use
- cleaning possible without dismantling
- optimizes economical use
- rapid cleaning
- tested for the use with catalytic converters

### Technical data

Color / appearance	gelb / yellow
Form	flüssig, aerosol / liquid, aerosol
Base	Lösungsmittelgemisch / Mixture of solvents
Odor	aromatisch / aromatic
Flash point	-2 °F

### Areas of application

Suitable for use in all 4-stroke gasoline engines, with or without turbochargers. Safe for use with catalytic converters and particulate filters (GPF).

### Application

To prepare, attach tube with nozzle. To gain access, remove hose or pipe immediately before throttle housing. The engine needs to run to perform cleaning. If unable to start engine, disconnect air mass sensor connector while the ignition switch is in off position. Maintain minimum engine speed of 2000 rpm while spraying cleaner in short intervals of 2-3 seconds, and at the same time move the nozzle back and forth across opening to completely treat intake tract. If engine speed fluctuates more than 1000 rpm stop spraying immediately and wait for speed to stabilize. Keep cleaning fluid from contacting air mass meter or painted surfaces. If excess deposits inside EGR valve, intake manifold or intake valves, a second can of cleaner may be used to improve the result. After completion, leave the engine running at 2000 rpm for a minimum 20 seconds to allow complete removal of



any residing fluid in intake system. Afterwards erase any stored fault codes.

### Available pack sizes

400 ml Can aerosol	20210
	USA (-EN-)

**Our information is based on thorough research and may be considered reliable, although not legally binding.**