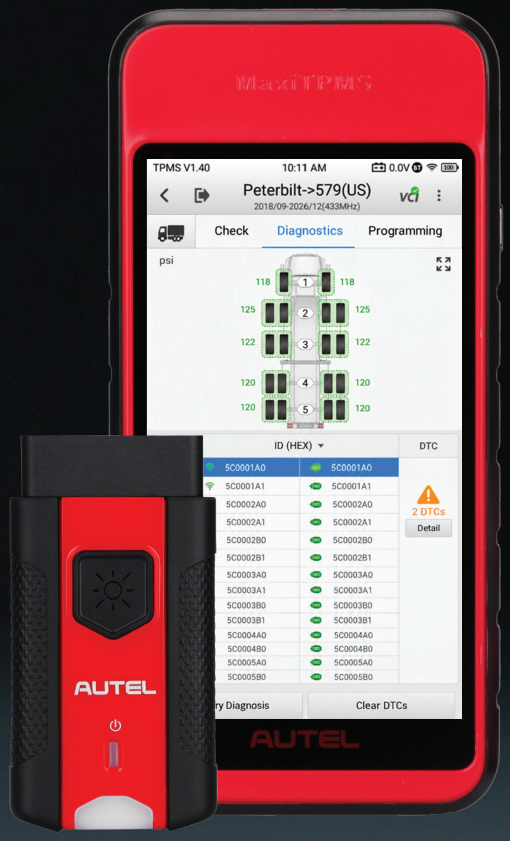
ITS600 CV PRO
Commercial TPMS, Diagnostics & Service

P/N: 700540

Commercial Vehicle TPMS | **All-Systems Diagnostics** | **Extensive Service Menu**



The **MaxiTPMS ITS600 CV PRO** brings commercial vehicle TPMS, all-systems diagnostics and service functions together in one wireless tablet. Built for owner-operators and busy fleet technicians who service trucks, buses and trailers, it handles TPMS sensor activation, reading, relearns and programming, as well as vehicle fault diagnosis and maintenance tasks.

Coverage spans supported light, medium and heavy-duty commercial vehicles. Linked tractor and trailer screens help technicians assess TPMS status across the vehicle, while the 5.5-inch touchscreen, camera-based vehicle identification and wireless MaxiVCI V200 make it easy to move from tire service to diagnostics.

Compatible with Autel's line of CV TPMS sensors. See page 3.

Industry-Leading Light-, Medium- And Heavy-Duty Vehicle Coverage
Service TPMS-equipped trucks, buses and trailers, with diagnostic and service coverage for supported Class 3–9 vehicles.

More Than TPMS Service
Activate and read sensors, perform relearns, program Autel commercial vehicle MX-Sensors, and check TPMS system health on supported trucks, buses and trailers.

Diagnostics & Service
Use All-Systems diagnostics for a vehicle-wide scan or Expert Mode for direct access to supported systems. Read and clear codes, view live data, and tackle routine and specialized service tasks with industry-leading DPF regeneration coverage.



Items Included with the ITS600 CV Pro

- ITS600 CV Pro Main Unit
- MaxiVCI V200
- Power Adapter
- Type-C USB Cable
- Quick Reference Guide
- JW1 ~ JW10 (2pcs each)
- Carrying Case
- Uni-4 Adapter
- Deutsch-9
- Deutsch-6
- Clamp Cable
- Spare Fuse (x2)
- Auxiliary Power Outlet Adapter

46 Service Functions

Aftertreatment
Force regeneration on active and passive diesel particulate filter systems.

Oil Reset
Reset maintenance reminder or service interval indicator.

EPB - Electronic Parking Brake
Allows technicians to perform rear brake service on EPB equipped vehicles.

TPMS
Illuminated vehicle tire pressure MIL indicates that vehicle service is required.

BMS - Battery Management System
New battery registration on vehicles equipped with advanced electronic systems.

Brake Bleed
Automatic brake bleed feature for BS control units.

Immo Keys - Immobilizer & Keys
Program new or additional ignition keys (conventional and proximity).

Injector
Perform fuel injector registration and coding on vehicles with advanced fuel management systems.

SAS - Steering Angle Sensor
Allows technicians to perform Steering angle sensor & Zero point calibrations after alignment or service.

Suspension
Suspension calibration for vehicles equipped with Air or Hydraulic systems fitted with ride level sensors.

Throttle
Electronic Throttle Calibration and idle learn for vehicles equipped with “drive by wire” throttle bodies.

Window / Door / Roof
Component activation and calibration for power door locks, windows and sun roof.

Seats
Calibrate occupancy detection systems and seat weigh sensors.

Odometer
Allows access to advanced settings in the Instrument Cluster Module such as distance unit.

Language Change
Change the language displayed on various control systems including the driver information center.

Headlamp
Calibration for adaptive headlight systems.

CHG Tire Size
Change speedometer parameters to accommodate different wheel sizes while maintaining accuracy.

TEC Learn
Top Dead Center Offset Learn Procedure. Often required after replacement of the PCM, fuel injection pump, crank position sensor or powertrain.

ABS/SRS
Zero point calibration of brake pedal; Reset steering angle sensor.

Cylinder
Technicians can perform Cylinder Contribution test to aid in the diagnostic process (under development).

VGT Relearn
Enable the ECU to re-learn the relevant turbo component for the proper work of turbo.

Speed & PTO
Set a maximum speed limit for vehicle.

Clutch
Relearn clutch position after clutch replacement, fluid change, or transmission service.

Trans Adaption
Perform transmission shift adaptation after installing a rebuilt transmission or transmission control module.

Airbag Reset
Reset airbag system and indicator on vehicles that do not require SRS Module reprogramming.

A/F Setting
Serves to adjust the air-fuel ratio of the engine. The optimal ratio was learned by the ECU to ensure smooth operation.

Automatic Start/Stop
Enable the adaptive learning of the Start/Stop system, and serves to activate or deactivate the function.

Electronic Water Pump Start
Run water pump for system bleed.

EGR
Initialization of the EGR actuator to enable the ECU learning values to return to the initial status.

VIN
Auto-VIN functionality to identify vehicle year, make and model.

Transport Mode
Activated during transportation of the car from the manufacturer to the 4S store. Reduces battery discharge.

HV Battery
This function serves to calibrate the battery parameter of high voltage battery, to re-adapt to vehicle control modules.

ACC
Sensor will change the original position after it is removed and reinstalled or repaired. It is necessary to perform ACC system calibration.

A/C
After removing and repairing the control air flap motor of the A/C system, the position needs to be calibrated.

Rain/Light Sensor
This function serves to calibrate the rain/light sensor, making the signal output more accurate.

Reset Control Unit
Used to restart the Control Unit.

Idle Shutdown
Automatically shuts off engine after set idle period to reduce fuel consumption & emissions. Pressing the accelerator or releasing the brake restarts it.

Trip Reports
Record mileage, driving time, speed, fuel consumption & driving behavior to improve fuel efficiency.

CCS/ACC
Used to activate or deactivate the cruise control/adaptive cruise control function.

Relative Compression
Detect compression ratio of engine by using starting speed deviation.

HV De-energization/Energization
Operation guidance for de-energization/energization of high voltage battery.

Coolant/Refrigerant Change
Filling/emptying coolant pump.

Sunroof Initialization
Standardized learning of sunroof sliding position.

Resolver Sensor Calibration
Resolver sensor calibration.

Camshaft Learning
Camshaft learning.

AdBlue/DEF Reset
Reads stored odometer readings and VINs and to determine if the vehicle has replaced modules.

MX-Sensor CVS-A01 433MHz

- Programmable to replace sensors on 95% of system-equipped commercial vehicles
- Rim-mounted CVS-A01 sensor available with fabric (for rim sizes of 14 to 17.5 inches and 17.5 to 24.5 inches) or metal band (14 to 24.5 in)
- High quality control, tested & certified to meet SAE Standard SAE J2848
- Supports speeds of up to 80 mph (149 mph with metal strap) and has a lifespan of over 5 years
- Program the Autel CVS-A01 sensor with the Autel MaxiTPMS ITS600CV or ITS600CV Pro tablet to replace TPMS sensors on light, medium and heavy-duty vehicles
- Metal and Fabric Straps are NOT sold individually









P/N: 300170
Sensor with Metal band
(R14-24.5”)

P/N: 300190
Sensor with fabric band
(R14-17.5”)

P/N: 300210
Sensor with fabric band
(R17.5-24.5”)

Easy Installation

