



Mongoose

GENERAL MOTORS

Overview

Mongoose is a low-cost, high-performance vehicle network interface that connects a laptop directly to the OBD-II connector. We designed this product for use with TIS2WEB, and DVD-based TIS/SPS.

The package includes:

Mongoose vehicle interface
Installation CD with device driver (J2534 compatible)

The Mongoose includes a J2534 driver and delivers full-speed (12mps) USB 2.0 performance. This version is compatible with most General Motors and newer domestic vehicles. Please verify compatibility before ordering.

Features

- ❑ Key Features
 - Support for GM TIS, SPS, TIS2WEB, and DPS flash reprogramming software
 - USB Diagnostics tool for CAN, J1850VPW, and Single-Wire CAN vehicles
 - Simple packaging with electronics contained inside the cable.
- ❑ Unique Advantages
 - The only low cost device on the market that reprograms GM and newer CAN vehicles
- ❑ Bus Protocols
 - CAN Bus (capable of ISO 15765, GMLAN, J1939, and ISO14229)
 - GM Class2 (J1850VPW)
 - Single-Wire CAN (GM)
- ❑ Other
 - J2534 and J2534-1 compliant device driver
 - Commercial Range (0 to +70°C)
 - Dimensions: 3" x 1.75"
 - Operating Voltage: Bus-powered by USB
 - Host Interface: Full-speed 12 mbps USB 2.0 with J2534 device driver

GM TIS Reprogramming

Servicing newer, increasingly complicated vehicles has put independent repair shops at a disadvantage when compared to auto dealerships that have access to the latest service tools and knowledge databases. Accurately diagnosing and repairing many of these newer vehicles used to require full access to expensive factory service tools.

At the center of this problem lies the ability to reprogram the computers inside newer automobiles. Diagnosing and repairing vehicles often requires reprogramming (reflashing) the vehicle with the latest updates available from the factory. After a vehicle is assembled and sold at a new car dealership, the automaker's engineering groups often fix common problems found in the field by releasing a new reflash. The new flash is not a recall, and therefore most vehicles on the road will not get the update unless they are brought in to the dealership for servicing. These re-flashes could fix transmission shifting problems, hesitation, rough idle, drivability, check engine lights, emissions quality, poor performance, or any other of a number of common problems. Without the reflashing capabilities, independent repair shops may spend time and money trying to repair an issue with hard parts that cannot be repaired without a calibration flash update.

Before the Mongoose GM was available, a shop had to invest in a Tech2 or other costly reprogramming system to update calibrations in GM vehicles. Mongoose GM is a great alternative for independent repair shops that want to reprogram calibrations in most GM vehicles without purchasing expensive, proprietary tools. The Mongoose GM is compatible with GM's TIS reprogramming software that normally is used with the Tech2.



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