Update Units

M4 / M48 / MIL-Spec M8 Software update unit (SUU)
required for firmware updates
M4 SUU

Note: M4 ECU's with serial number greater than 3000 do not require SUU to upgrade!

Comm Cables ECU-PC

10' RS-232 Serial Cable, M4e and
M800/880 with DOS Software
M RS-232 M4E

Communications Cable for M48 / M8. Available in 6 or 20 foot lengths
6 foot harness
M RS-232 MK 3

20 foot harness
M RS-232 MK3 6M

Communications Cable for M48 / M8 with ADL
link. Allows ECU data to be sent to ADL
M RS-232 MK3 M

What is an M4e?

M4e refers to a new generation of M4. The difference between M4e and the older M4 version is the communications spec. The M4e has RS-232 communications which do not require a special cable. M4 ECU's with serial numbers greater than 3000 are the new M4e and do not require the special cable. Additionally no Software Upgrade Unit is required to upgrade the software version on the M4e.

M4e Comms Pinout

9 Pin DSub

Pin 2 = TX - Connects to ECU Pin 22 Green Wire
Pin 3 = RX - Connects to ECU Pin 23 Orange Wire
Pin 5 = 0v - Connects to ECU Pin 21 Brown Wire

Comm Cables ECU-PC, cont.

CIM module (computer-interface module)
Converts TTL to RS-232
M CIM

CIM cable, connects ECU, ADL, and PC to CIM. More rugged design for permanent installation in vehicles.
M4 CIM H

M48 CIM H

PC parallel-to-CAN cable. Required for PC comm using M800/880 ECU Manager software. Also used for firmware upgrades and logged data retrieval on the M800 family of ECUs running DOS EMP

M ADL CAN

CAN Extension Cable 25 Foot
M ADL CAN 25'

CAN Extension Cable 36 foot
M ADL CAN 36'

Car-side CAN cable (not shown)
M ADL CAR

MoTeC USB To CAN Adapter

The MoTeC USB to CAN adapter is used to replace the CAN interface cable (P/N M ADL CAN) in instances where a computer needs to use USB rather than a parallel port for communications. Requires ECU manager version 2.3 or Dash manager 3.2 or above.

**Includes a 6 ft. cable
USB A plug to B plug.**

MoTeC USB To CAN Adapter
M UTC

MoTeC STC (Serial to CAN) Adapter

The STC (Serial to CAN) adaptor converts RS232 data to CAN and vice versa allowing multiple RS232 devices to be connected to a Data Logger via CAN.

Features
- Resin filled machined anodised aluminium case with through hole fastening
- Flying lead
- Bi-directional
- Converts RS232 to CAN to display andlog GPS data —position, true ground speed and GPS beacons— and ECU data
- Converts CAN to RS232 for transmitting telemetry
- Compatible with TTL voltage levels to connect early M4s and all M48s to a Dash Logger

The 2 baud rates currently available are:
19200 used for the M GPS-G5
57600 used for the M GPS BL

** MoTeC Serial to CAN Adapter
M STC

**Baud rate must be specified at the time of purchase as the STC is non-configurable