Multi-Protocol Interface Device (MPID) / Instrumentation

Multi-Protocol Interface Device (MPID)

The DynPro$_2$ Data Acquisition and Control System communicates with electronic engine and transmission ECMs using the protocols listed below. This accessory is optional for engine dynamometers, chassis dynamometers and Hydraulic Test Centers (HTCs).

- J1708/J1587
- J1939 (meets European FMS Standard)
- OBDII
  - SAE J1850 VPW
  - SAE J1850 PWM
  - SAE J2284/ISO 15765 (CAN)
  - ISO 9141-2
  - ISO 14230-4 (KPW2000)

Sample of provided adapters (cables)

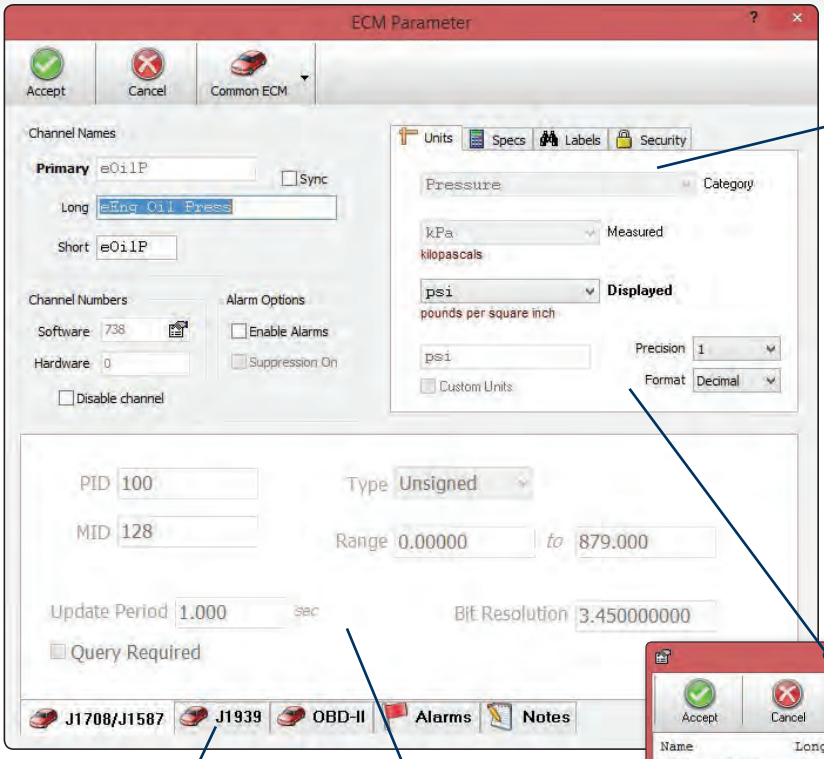
Standard channel configurations can be created, saved and retrieved within the MASC editor system setup in DynPro$_2$.

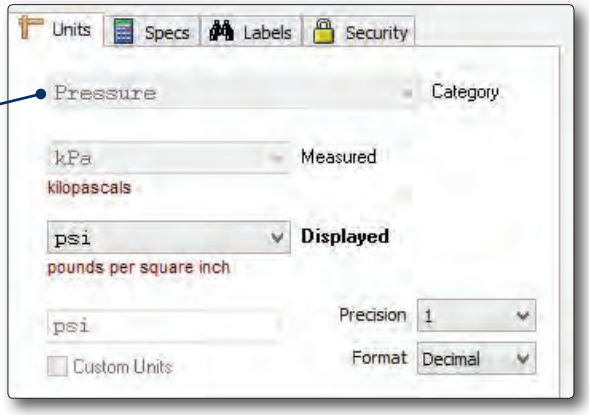
- MPID Interface J1708/J1587, J1939 and OBDII 25 ft (7.62 m)
- MPID Interface J1708/J1587, J1939 and OBDII 50 ft (15.24 m)

Adapters

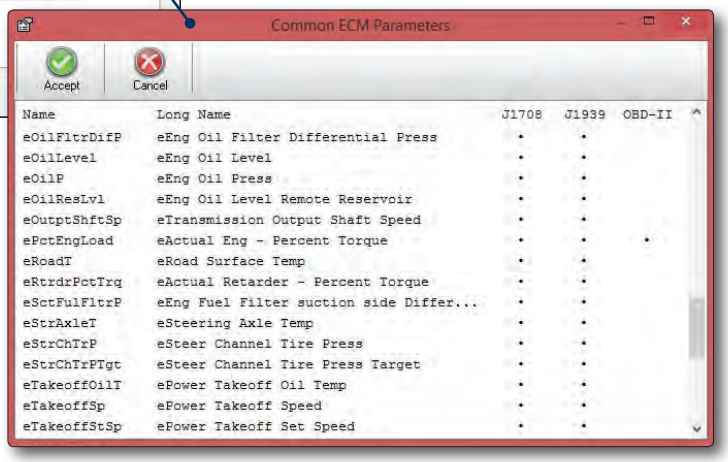
The following Adapters are standard with the interface along with your choice of 25 or 50 ft (7.62 or 15.24 m) adapter cable for connection to the DynPro$_2$ system.

- Serial to J1962M
- Serial to 9 Pin Keyed Socket
- Serial to 9 Pin Keyed Socket-Y
- 9 Pin Keyed Plug to 6 Pin Socket
- Serial to 9 Pin Socket-Y
- J1939 Conversion Type-1 to Type-2

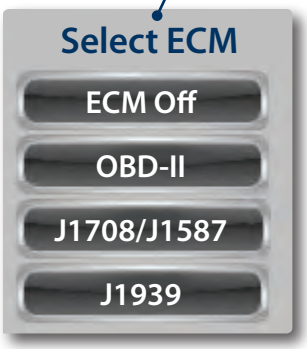




Easy unit conversion



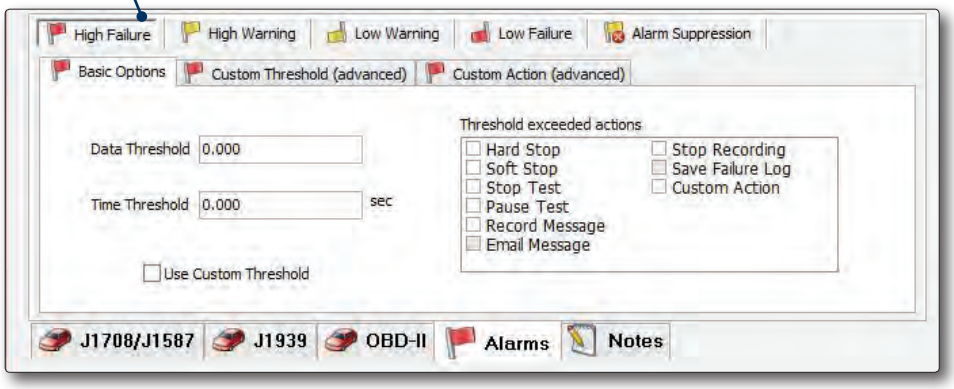
Quick database setup



Single button protocol selection

LCD ECM status

Dark green: No ECM connected
Light green: ECM connected
Red: ECM connected with trouble codes



Alarm settings

Example shown above is for Engine Dynamometer Application.

Everything you need to succeed

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