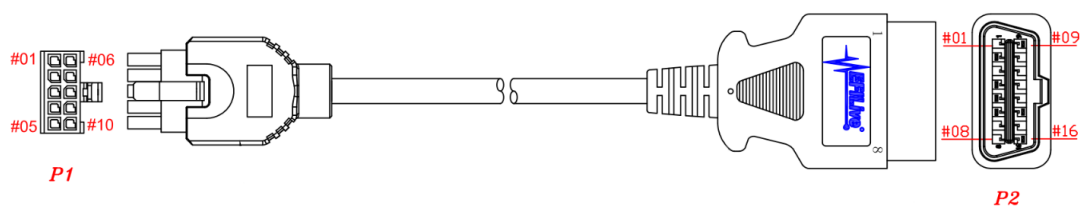# Pin Assignments

EFILive Support - 2023-02-24 - Comments (0) - AutoCal V3 Hardware Configuration
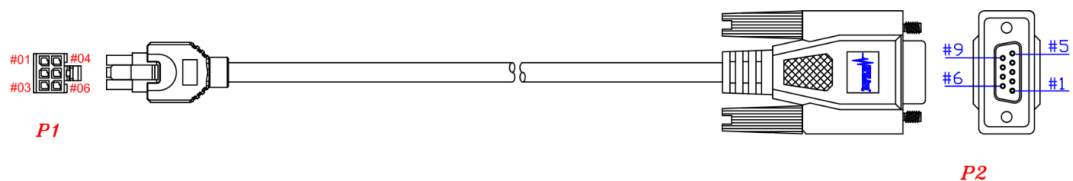
FlashScan/AutoCal V3 Cable Pin Assignments

OBDII

P1	Function	P2
1	Un-switched Battery Power	16
2	Signal Ground	4
3	CAN High	6
7	Chassis Ground	5
8	CAN Low	14
9	ALDL	9
10	VPW	2

Serial

P1	Function	P2
4	RX <-> TX	2
5	TX <-> RX	3

6	Ground	5

The Serial cable is not shipped with FlashScan or AutoCal. It is available as on optional extra.
The Serial cable is can be used to connect FlashScan or AutoCal to a wide band controller for logging wide band AFR data.

CAN

P1   *P2*
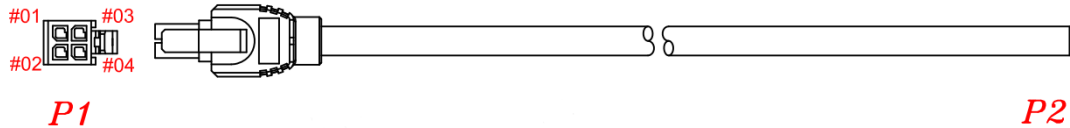
P1	Function	P2
1	Ground	
2	Switch	
3	CAN Low	
4	CAN High	

The CAN cable is not shipped with FlashScan or AutoCal. It is available as on optional extra.
The secondary CAN interface is not implemented. In future it may be implemented if/when EFILive offers integration to third party products via the secondary CAN interface.
The switch option allows a remote, momentary switch (between Switch and Ground, i.e. pins 1 and 2) to be attached to FlashScan or AutoCal that can be used to start/stop data logging. That is useful for starting/stopping data logging via a dashboard mounted switch.
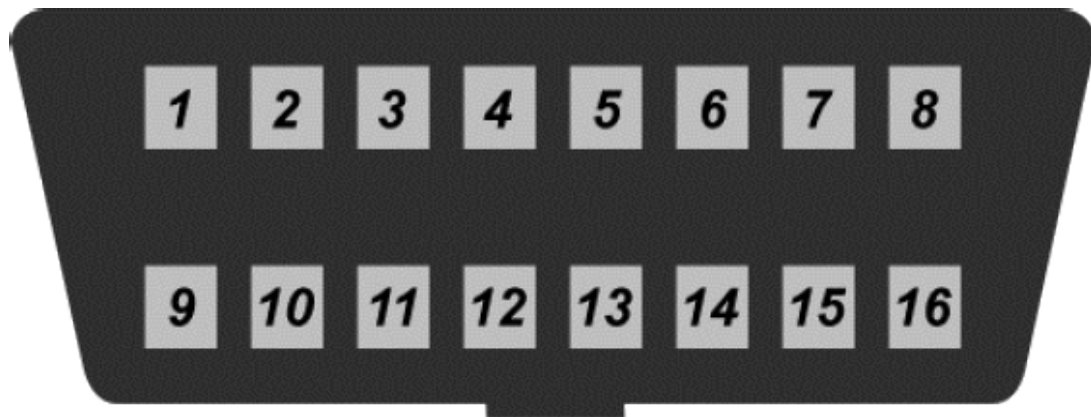
Bench Harness Pin Assignments

FlashScan V3 OBDII Cable Pin Assignments

Molex Cable Plug

Vehicle OBDII Connector Pin Assignments

Vehicle SAE J1962 OBDII Socket

SAE J1962 Socket

1. GM CAN (Low-speed, Single-wire)

2. SAE J1850-VPW Positive

3. Discretionary *

4. Chassis Ground

5. Signal Ground

6. ISO 15765-4 CAN High

7. ISO 9141-2 & ISO 14230-4 K-Line SCI TX (Engine)

8. Discretionary *

9. GM ALDL (OBD-I 8192bps)

10. SAE J1850-VPW Negative

11. Discretionary *

12. SCI RX (Engine) & Flash Strobe

13. Discretionary *

14. ISO 15765-4 CAN Low

15. ISO 9141-2 & ISO 14230-4 L-Line

16. Un-switched Battery Power

Related Content

- [FlashScan V3 Hardware Specification](#)
- [Connecting FlashScan V3](#)