

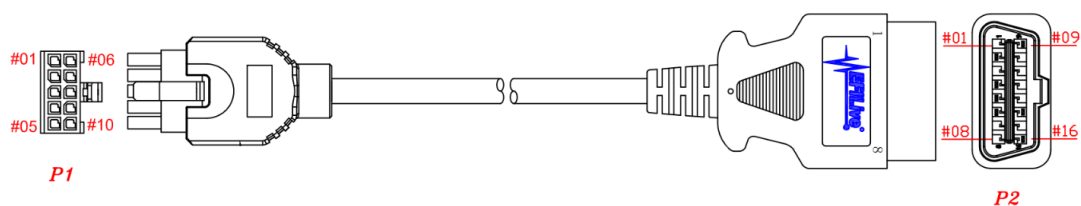


## Pin Assignments

EFILive Support - 2023-02-24 - Comments (0) - AutoCal V3 Hardware Configuration

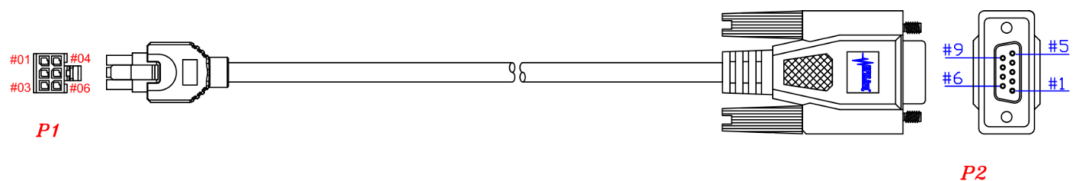
FlashScan/AutoCal V3 Cable Pin Assignments

### 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



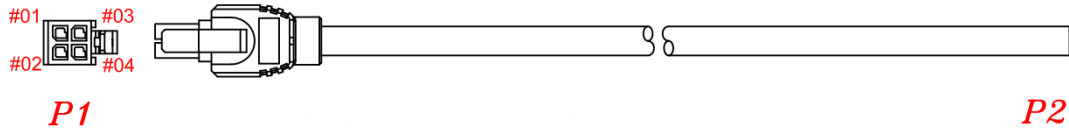
P1	Function	P2
4	RX <-> TX	2
5	TX <-> RX	3

6      Ground      5



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

## CAN



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 an 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

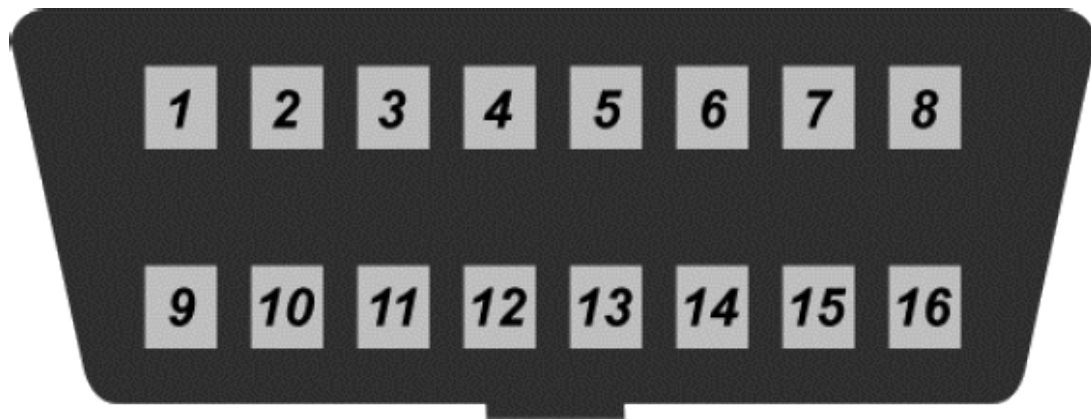
### FlashScan V3 OBDII Cable Pin Assignments

Molex Cable Plug



## Vehicle OBDII Connector Pin Assignments

Vehicle SAE J1962 OBDII Socket



SAE J1962 Socket

- |  |                                     |
|--|-------------------------------------|
| 1. GM CAN (Low-speed, Single-wire)                 | 9. GM ALDL (OBD-I 8192bps)          |
| 2. SAE J1850-VPW Positive                          | 10. SAE J1850-VPW Negative          |
| 3. Discretionary *                                 | 11. Discretionary *                 |
| 4. Chassis Ground                                  | 12. SCI RX (Engine) & Flash Strobe  |
| 5. Signal Ground                                   | 13. Discretionary *                 |
| 6. ISO 15765-4 CAN High                            | 14. ISO 15765-4 CAN Low             |
| 7. ISO 9141-2 & ISO 14230-4 K-Line SCI TX (Engine) | 15. ISO 9141-2 & ISO 14230-4 L-Line |
| 8. Discretionary *                                 | 16. Un-switched Battery Power       |

Related Content

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