

OBDII Breakout Box

Provides in-line breakout box to J1962 connectors



The OBDII Breakout Box provides standard banana plug connection points to all lines in the J1962 cable, along with two OBDII interfaces. This allows easy connection to individual lines on a J1962 connector without interfering with the connection between the vehicle and the tool.

Breakout Box Pin Assignments

Pin #	SAE Designation
1	Discretionary
2	Bus + Line of SAE J1850
3	Discretionary
4	Chassis Ground
5	Signal Ground
6	CAN High of SAE J2284 (ISO 15765-4)
7	K Line of ISO 9141-2 and ISO 14230-4
8	Discretionary
9	Discretionary
10	Bus - Line of SAE J1850
11	Discretionary
12	Discretionary
13	Discretionary
14	CAN Low of SAE J2284 (ISO 15765-4)
15	L Line of ISO 9141-2 and ISO 14230-4
16	Unswitched Vehicle Battery Positive

1. Pins listed as “discretionary” indicate that the vehicle manufacturer can use them for any purpose they choose. Check with the manufacturer’s specifications for these connections.
2. For voltage and current limits, refer to SAE J1962 (ISO 15031-3.3). Test tool must not draw more than 1.5 amps through the pin number 5. Unswitched Vehicle Battery Positive has a maximum current capacity of 4.0 amperes. Thus, the maximum current capacity of pins 4 and 5 cannot exceed 4.0 amperes.



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