

Unified OBD Splitter-Harness

Applications:

- OBD CANbus data reading



Key features:

- Faster and easier installation
- Hidden installation
- Professional installation
- Minimize risk of faulty installations

Install GNSS tracker faster and easier with the **Unified OBD Splitter-Harness**.

The **Unified OBD Splitter-Harness** is used to install HCV5 Lite/Pro5 Lite, HCV5 and LCV5 trackers to light commercial vehicles. CANbus and OBD data reading are available when using the harness. A spare OBD socket stays available for vehicle diagnostics.

Compatibility

✓ HCV5 Lite/Pro5 Lite ✓ HCV5 ✓ LCV5

Detailed specifications

Electrical specifications

Voltage range Up to 32 V DC

Physical properties

Cable length 0.8 ± 0.015 m

Connector type OBD II (Type B 24V, 16 pin)

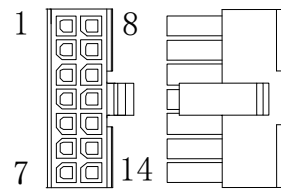
CAN interfaces 3

Interchangeable connectors By changing F connector to the E connector, harness can be rearranged to a different one
IGN - 1; CAN - 3/8
IGN - 3; CAN - 1/9
IGN - 8; CAN - 3/11

Unified Splitter-Harness Pinout

14 pin connector

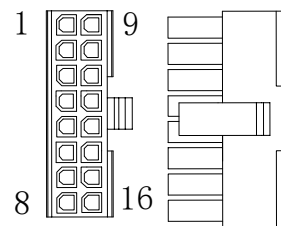
Pin	Wire color	Function
1	Red	Power supply (9-32 V)
2	Purple	DOUT1
3	Green/Yellow	1-Wire Data
4	Pink	DIN3
5	Yellow	Device-specific*
6	Blue	Device-specific*
7	Blue/Red	K-Line
8	Black	Ground
9	White	DOUT2
10	Red/White	1-Wire power
11	Blue/Red	Device-specific*
12	Gray	AIN1
13	Blue/Green	Device-specific*
14	Yellow/Red	N/A



* - Pinout depends on the device type

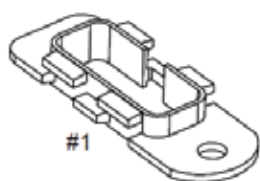
16 pin connector

Pin	Wire color	Function
1	White/Brown	RS485 line A
2	Green/Brown	RS232 TX
3	Pink/Green	Device-specific*
4	Yellow/Black	Device-specific*
5	Pink/Black	Device-specific*
6	White/Green	Device-specific*
7	Blue/Red	Device-specific*
8	Black/Green	Ground
9	Yellow/Brown	RS485 line B
10	Blue/Yellow	RS232 RX
11	Red/Green	Device-specific*
12	White/Purple	Device-specific*
13	Orange/Red	Device-specific*
14	Orange/Brown	Device-specific*
15	White/Red	Device-specific*
16	Red/Yellow	1-Wire power



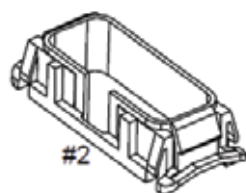
* - Pinout depends on the device type

Mounting options



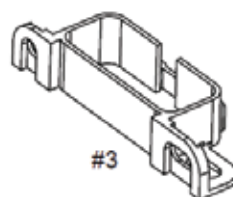
#1

Volvo



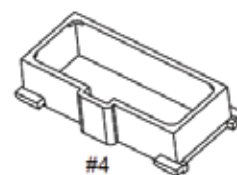
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Chrysler - Hyundai



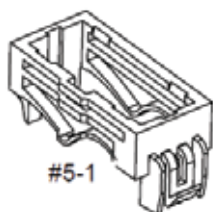
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BMW



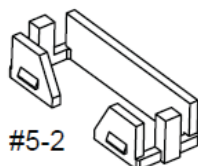
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Mercedes - BMW



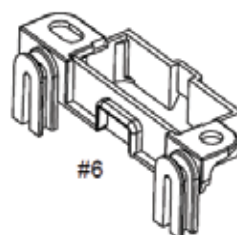
#5-1

Fiat - Citroen - Peugeot



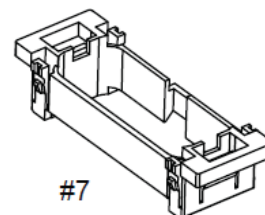
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Fiat - Citroen - Peugeot



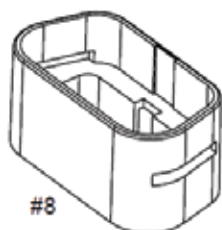
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BMW



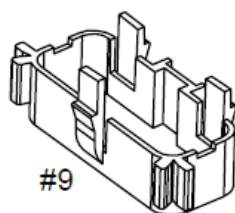
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Honda



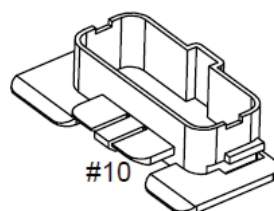
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Ford



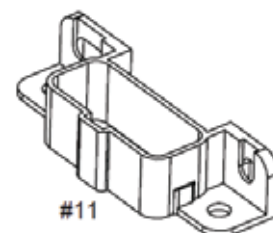
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Volkswagen - Audi



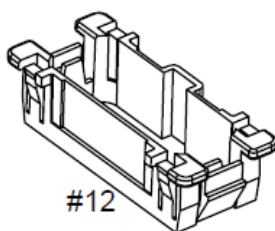
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Ford - GM



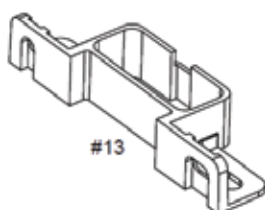
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Ford - GM - Chrysler



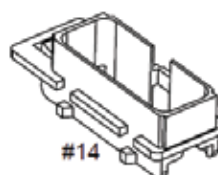
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Toyota - Hyundai - Kia
Ford - Land Rover



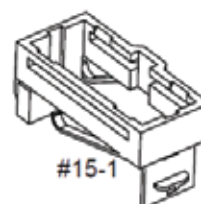
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Ford



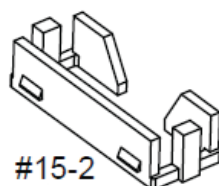
#14

Iveco



#15-1

Citroen



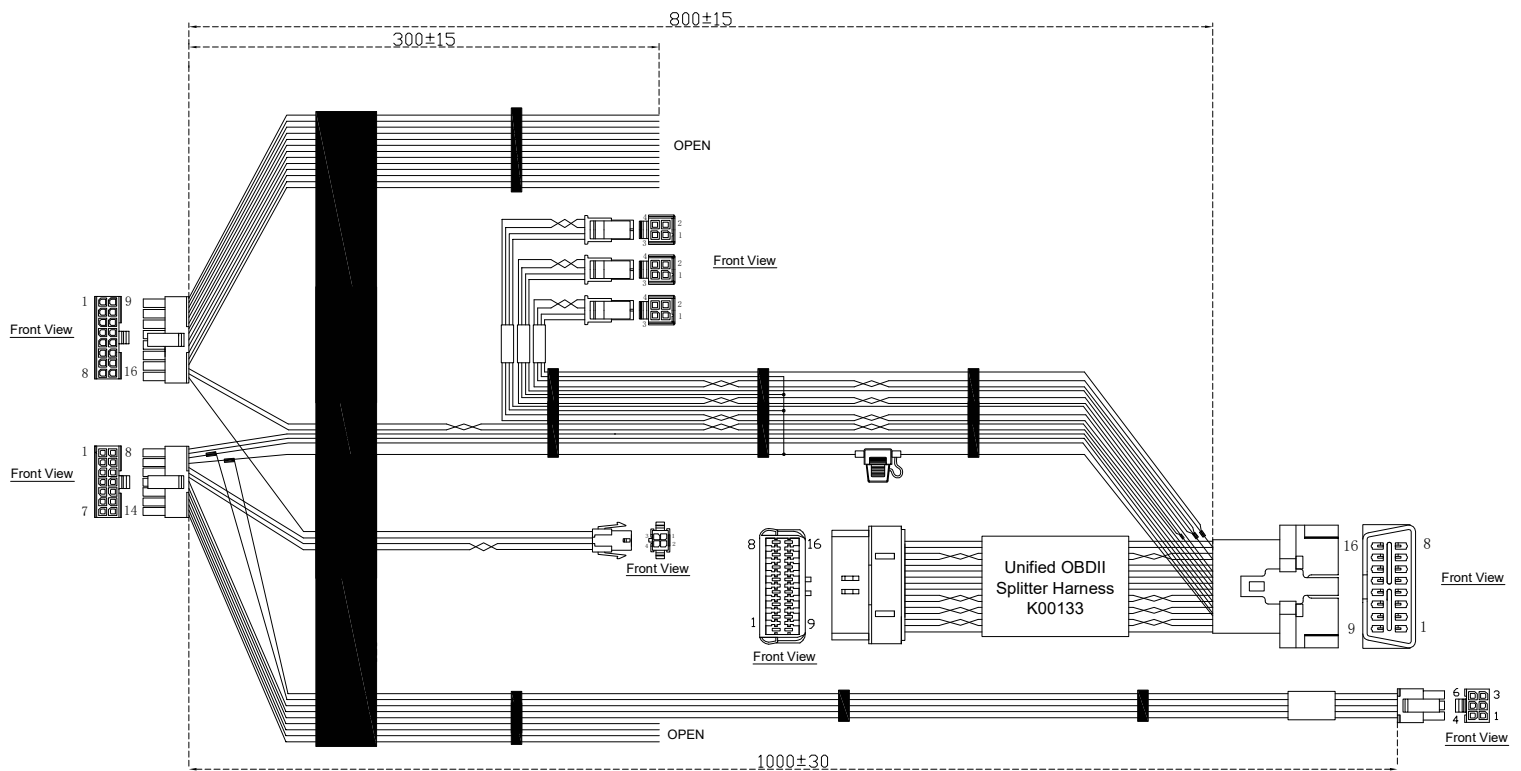
#15-2

Citroen



Clip remover

Unified OBD Splitter-Harness Wiring Schematics (K00133)



Ordering information

K00133

Unified OBD Splitter-Harness



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