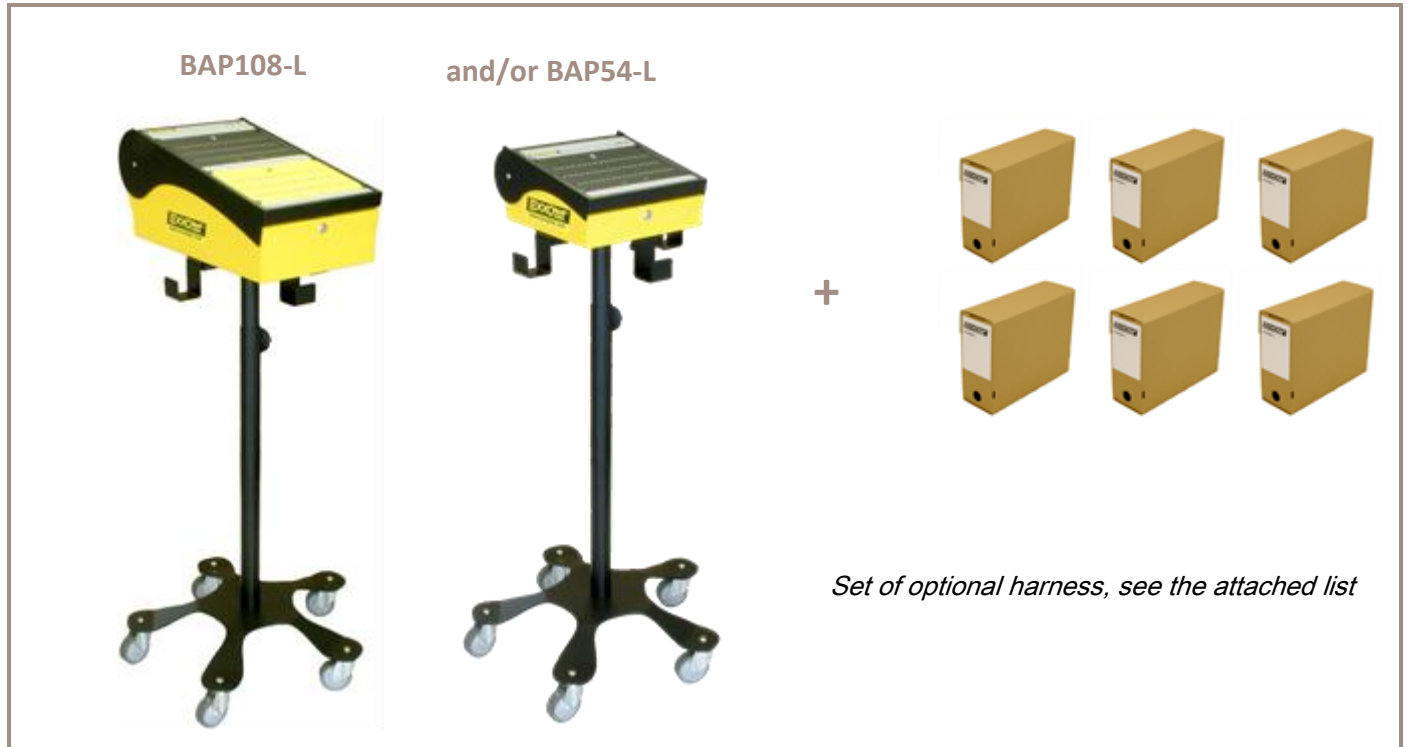


The **EXXOTEST®** “breakdown box” is placed in series between the vehicles’ wiring harness and an ECU. It facilitates measurements access and allows a teacher to create faults safely, without any risk of deterioration or charge of the system or vehicle studied.



OBJECTIVES

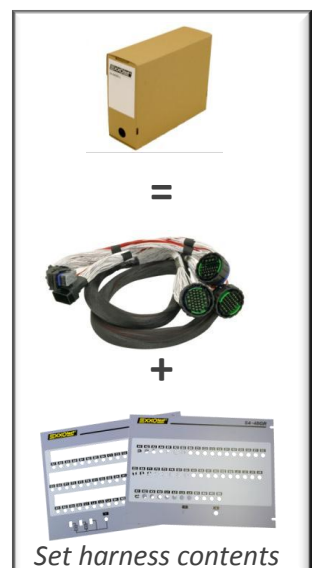
- Learning the input and output signals of all computers.
- Analyse and comprehension the functioning and malfunctioning of electronic embedded systems and multiplexed networks (VAN, LIN and CAN).
- Detection and determination the fault created with fuses placed within the breakdown box.
- Easy apprenticeship on vehicles as well as on models (same connections).

DESIGN

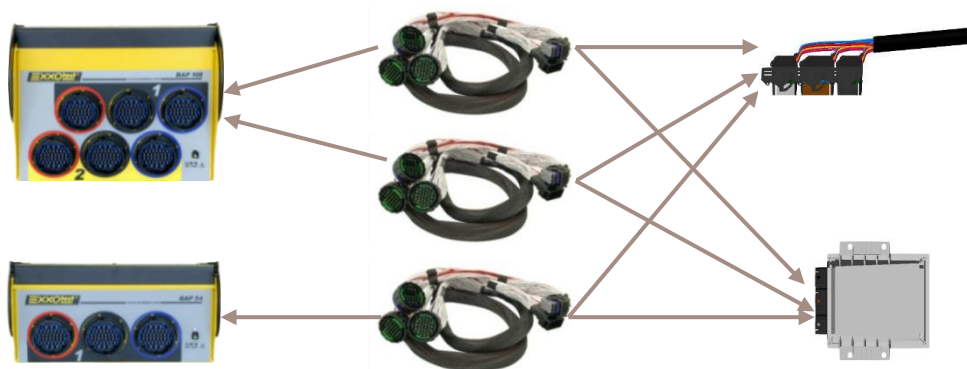
These breakdown 54 or 108 ways boxes are evolutionary and connect with many automotive calculators:

- Diesel or petrol injection on Peugeot, Citroen and Renault vehicles,
- Engine or salon intelligent calculator,
- Motorized side door,
- The sunroof and flush-fitting sliding roof systems,
- The C3 folding roof system,
- The electric power steering system ,
- Automatic or manual transmission gear box,
- And more...

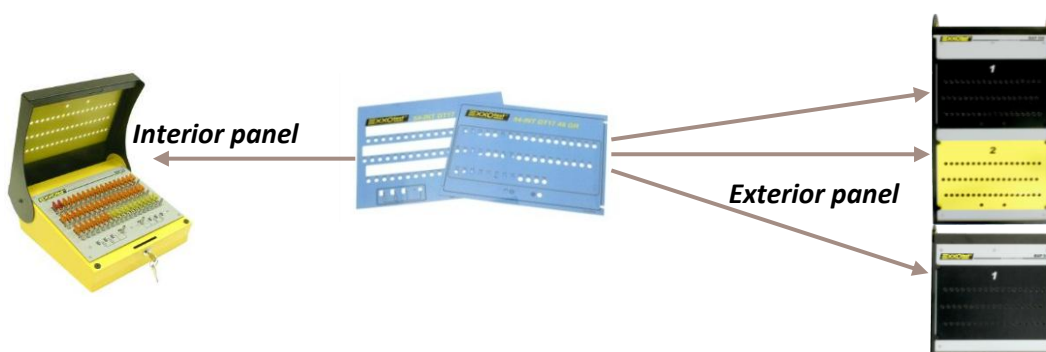
The breakout 54 or 108 ways boxes are used with the interfaces and the front adapted.



Each wiring harness connects to the back of the BAP54C-L or BAP108C-L boxes and allows cascade connection between vehicles' unites and various computers.































Each wiring harness possesses the special front panels for inside and outside of the BAP54C-L or BAP108C-L boxes.

















SPECIFICATIONS

Engine injection interfaces:




 54-48MR-L*	BAP54 or BAP108 interface 48 ways brown connector	
 54-48NR-L*	BAP54 or BAP108 interface 48 ways black connector	
 54-48GR-L*	BAP54 or BAP108 interface 48 ways Grey connector (2.0 16s HDI Siemens)	
 54-48VE-L*	BAP54 or BAP108 interface 48 ways Green Motorized gear box	
 54-32MR-L*	BAP54 or BAP108 interface 32 ways brown connector (PSA 2.0 16s 180ch)	
 54-32NR-L*	BAP54 or BAP108 interface 32 ways Black connector	
 54-32GR-L*	BAP54 or BAP108 interface 32 ways Grey connector	

 54-32BE-L*	BAP54 or BAP108 interface 32 ways Blue Motorized gear box	
 54-53MR-L*	BAP54 or BAP108 interface 53 ways Brown EP engine connector	
 54-53NR-L*	BAP54 or BAP108 interface 53 ways Black EP engine connector	
 60-58NR-L*	BAP54 or BAP108 or BAPMINI6 interface 58 ways Black 3.0 HDI 240cv (DT20) engine connector	
 108-96NR-L*	Interface for two BAP54 boxes or one BAP108 box 96 ways Black connector	
 108-64NR-L*	Interface for two BAP54 boxes or one BAP108 box 64 ways Black connector (Renault)	
 108-64GR-L	Interface for two BAP54 boxes or one BAP108 box 64 ways Gris connector (Renault)	

Interfaces for vehicle salon calculators:

 54-BSI-FULL-CAN-1-L*	10 ways White & 40 ways Blue connectors interface <i>1/4 BSI Full Can Harness</i>	
 54-BSI-FULL-CAN-2-L*	10 ways Black & 40 ways Black connectors interface <i>2/4 BSI Full Can Harness</i>	
 54-BSI-FULL-CAN-3-L*	2 ways Grey, 16 ways Grey, 16 ways Green & 16 ways Black connectors interface <i>3/4 BSI Full Can Harness</i>	
 54-BSI-FULL-CAN-4-L*	6 ways Black & 40 ways White connectors interface <i>4/4 BSI Full Can Harness</i>	
 54-2X10BSI-L*	10 ways Black & 10 ways White connectors for CAN HS/LS networks on the BSI 2005 interface. <i>BSI BSM Can/Van & BSI Full Can</i>	
 60-BSI-2010-1-L*	Interface for BAP54 box and BAP-MINI6 60 ways Brown connector <i>1/5 BSI 2010 harness</i>	
 60-BSI-2010-2-L*	Interface for BAP54 box and BAP-MINI6 60 ways Blue connector <i>2/5 BSI 2010 harness</i>	

 60-BSI-2010-3-L*	Interface for BAP54 box and BAP-MINI6 60 ways Yellow connector <i>3/5 BSI 2010 harness</i>	
 108-BSI-2010-L*	Interface for BAP108 box or for 2 BAP54 boxes 60 ways Black connector and 35 ways Black Flex connector <i>4/5 BSI 2010 harness</i>	
 54-BSM-2010-1-L*	27 ways Blue CMC connector and 27 ways Black CMC connector <i>BSM 2010</i>	
 54-BSM-2010-2-L*	27 ways Brown CMC connector and 6 ways Black Sicma-2 connector <i>BSM 2010</i>	
 54-PLCM-1007-L*	Motorized slide door for Peugeot 1007 (CAN/VAN) interface	
 54-PLCM-807-L*	Motorized slide door for Peugeot 807 interface	
 54-ST-MQS1-L*	Comfort part 1 connectors interface <i>(Door, EMF, Air conditioning, Com2000)</i>	
 54-ST-MQS2-L*	Comfort part 2 connectors interface <i>(Dashboard, TOR, Com2000)</i>	
 54-TE307CC-L*	Sunroof system for Peugeot 307 and 206 interfaces, the electric power steering system for Citroen C3 et Peugeot 1007 interface. 15 ways Noir connector.	
 54-BSM1-L*	28 ways Brown et 28 ways Grey connectors <i>BSM Full Can</i> interface	
 54-BSM2-L*	28 ways Black & 5 ways Yellow connectors <i>BSM Full Can</i> interface	
 54-TMA42-L*	C3 folding roof system interface	
 54-MCP-BVMP6-L*	Interface for BAP54 box 28 ways Black connector and 12 ways Black connector for manual gearbox (type MCP) calculator	
 54-AL4-BVA-L*	Interface for BAP54 box 2 x 28 ways connector for Automatic gearbox AL4	

 <p>54-AM6-BVA-L*</p>	<p>Interface for BAP54 box Connectors for Automatic gearbox AM6 and kit for mechanic gearbox</p>	
 <p>54-NU-3000-L*</p>	<p>Interface for BAP54 box or for BAP108 box 3-meters longer harness with 3 connectors</p>	

OTHER

- Size:
 - BAP54C-L without trolley: 400 X 300 X 300 mm (transportation box)
 - BAP54C-L with trolley: 800 X 600 X 400 mm (transportation box)
 - BAP108C-L without trolley: 400 X 300 X 300 mm (transportation box)
 - BAP108C-L with trolley: 800 X 600 X 400 mm (transportation box)
- Gross weight :
 - BAP54C-L without trolley: 5,2 Kg (ready to ship)
 - BAP54C-L with trolley: 16 Kg (ready to ship)
 - BAP108C-L without trolley: 9,4 Kg (ready to ship)
 - BAP108C-L with trolley: 20,2 Kg (ready to ship)
- Net weight:
 - BAP54C-L without trolley: 4,2 Kg (ready to ship)
 - BAP54C-L with trolley: 14,2 Kg (ready to ship)
 - BAP108C-L without trolley: 8,4 Kg (ready to ship)
 - BAP108C-L with trolley: 18,4 Kg (ready to ship)
- The cover is lockable to limit access to fuses and fault
- All measurement points are protected against mishandling
- Outfits Trolley for BAP54C-L/108C-L.

Find all **EXXOTEST**® products on the Internet: www.exxotest.com