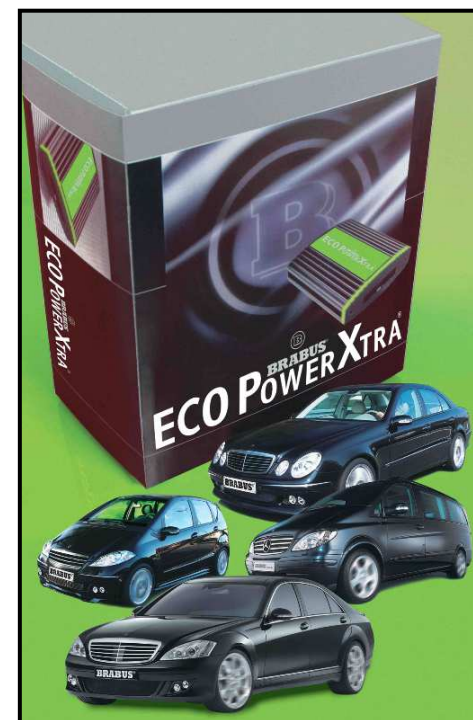
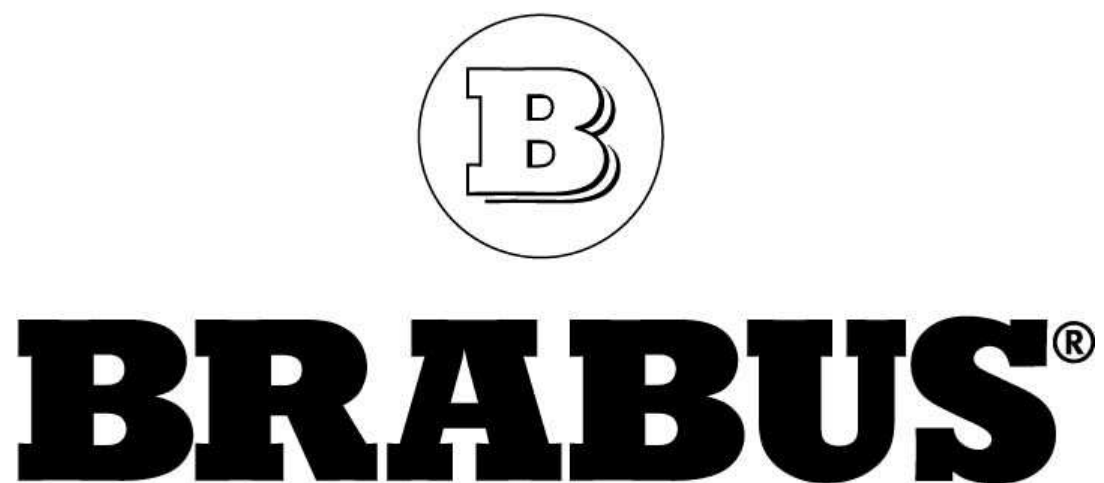


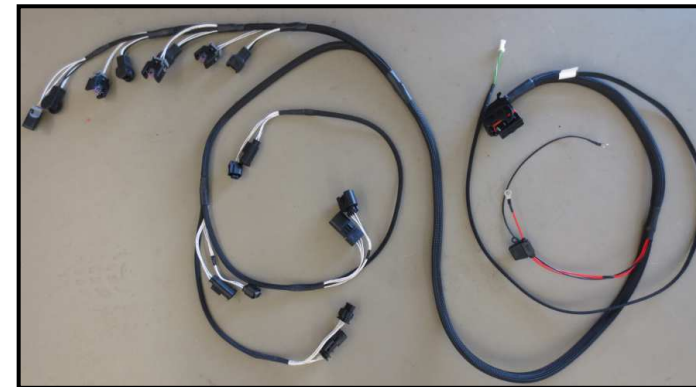
*Performance-kit D3S/ D4S for W/ S 205, C220d/ C250d,
Article-no. 205-730S-00/ 205-740S-00*



*The product described in the instructions was developed, produced and checked considering the necessary safety requirements.
In order to ensure a proper and safe function and to rule out danger for persons and objects, this product must be installed appropriately.
Only trained, qualified staff, having the necessary technical experience and tools, should make the installation.
Therefore you have to read and completely understand these instructions.
Before you start please check the content of the supplied parts as detailed below.*

Included in delivery:

1x PowerXtra control unit	000-CDI-V60
1x PowerXtra wiring harness incl. CAN plug	205-733-05-ET6
1x Typings „Brabus“	211-000-14
1x Set of PowerXtra typings	000-000-30
1x Fuse 20A	
1x Installation certificate	

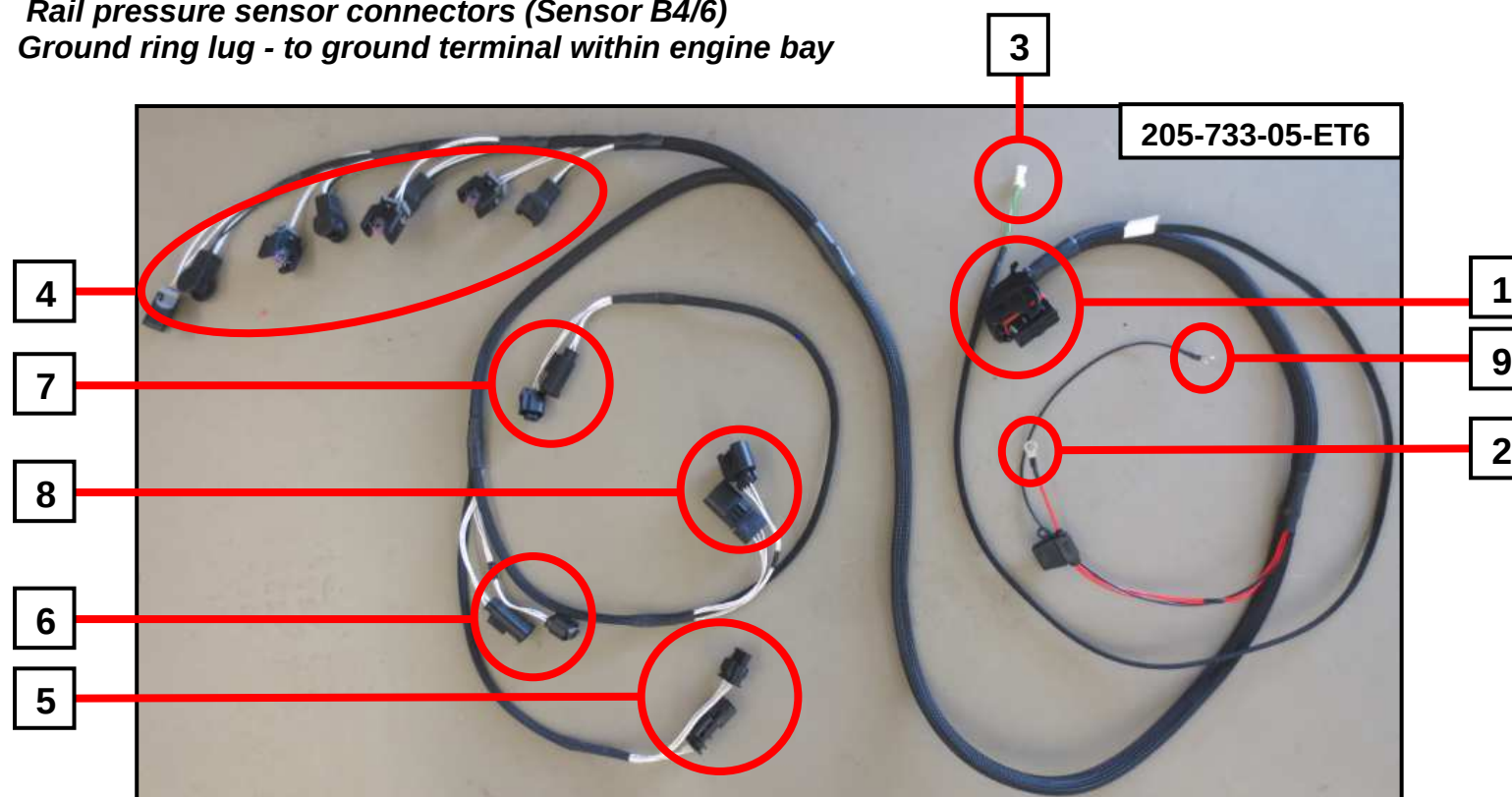


Disconnect the car main battery prior to assembly.

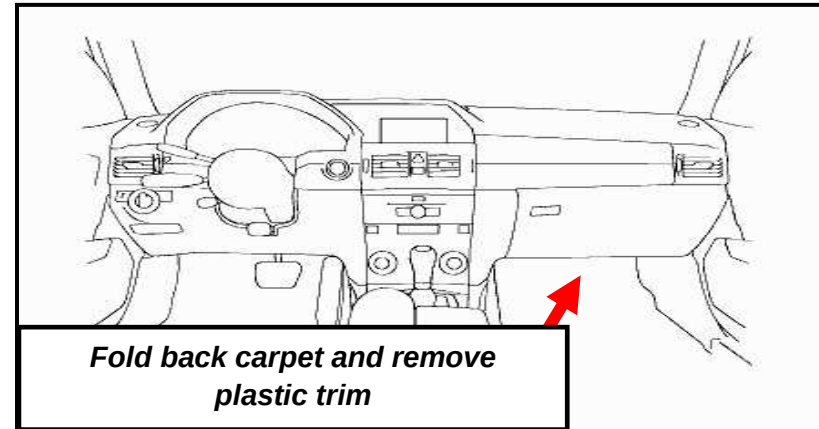
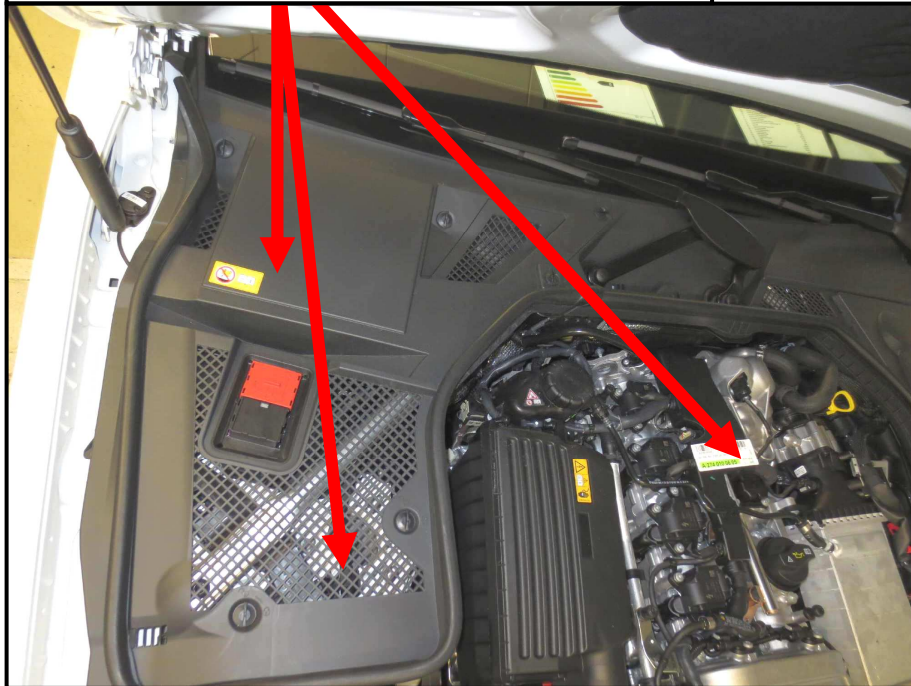
Perform the disassembly of standard components according to Mercedes-Benz workshop instructions.

Overview about electrical connections of wiring harness:

- 1- PowerXtra main plug
- 2- Power supply - to power distributor within engine bay (F32/3)
- 3- CAN - connector
- 4- Injector connectors cylinders 1-4
- 5- Air mass flow sensor connectors (Sensor B2/5)
- 6- Charge pressure sensor connectors – to low pressure sensor of exhaust gas turbocharger (Sensor B5/4)
- 7- Charge pressure sensor connectors (Sensor B5/1)
- 8- Rail pressure sensor connectors (Sensor B4/6)
- 9- Ground ring lug - to ground terminal within engine bay



Remove plastic trims shown



Fold back carpet and remove plastic trim

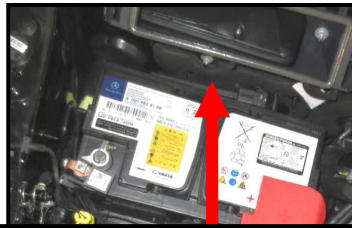
Attention:



Disconnect the car main battery prior to performing the electrical connections!

Fixate the wiring harness inside the engine bay using cable ties. Make sure it is securely routed and cannot be damaged due to tensile stress, heat or sharp edges.

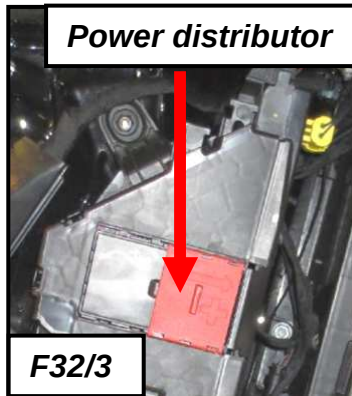
Start routing the wiring harness at the power distributor within the engine bay (F32/3, fig.). Position the PowerXtra main plug behind the vehicle battery, provisionally route the wiring harness to the sensors.



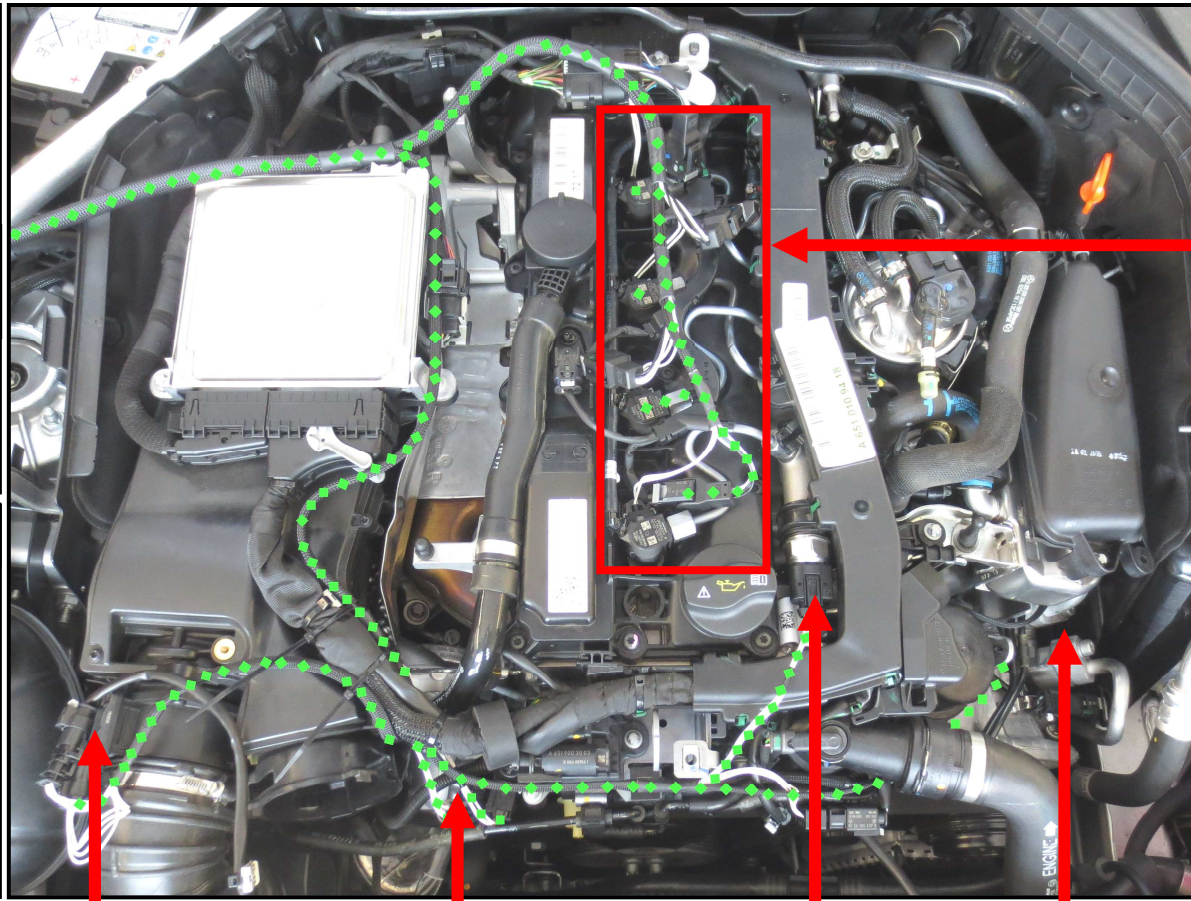
Position of PowerXtra main plug and feed-through into vehicle



Power distributor



F32/3



Injectors

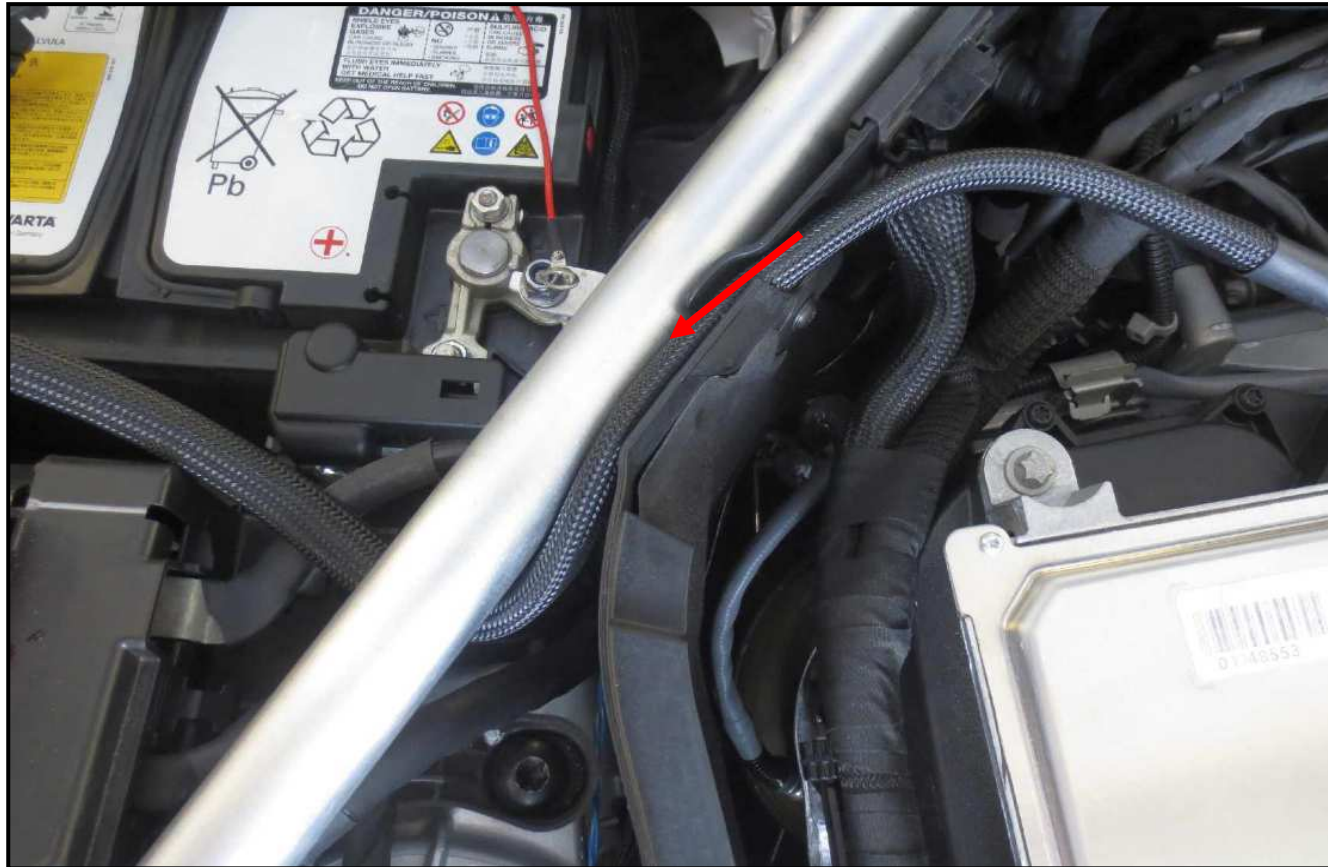
Position sensor B2/5

Position sensor B5/4

Position sensor B4/6

Position sensor B5/1

The wiring harness is to be routed through feed-through shown within figure below.



Attach standard fuel injector plugs of Brabus wiring harness to fuel injectors. Attach plugs of Brabus wiring harness to fuel injectors.



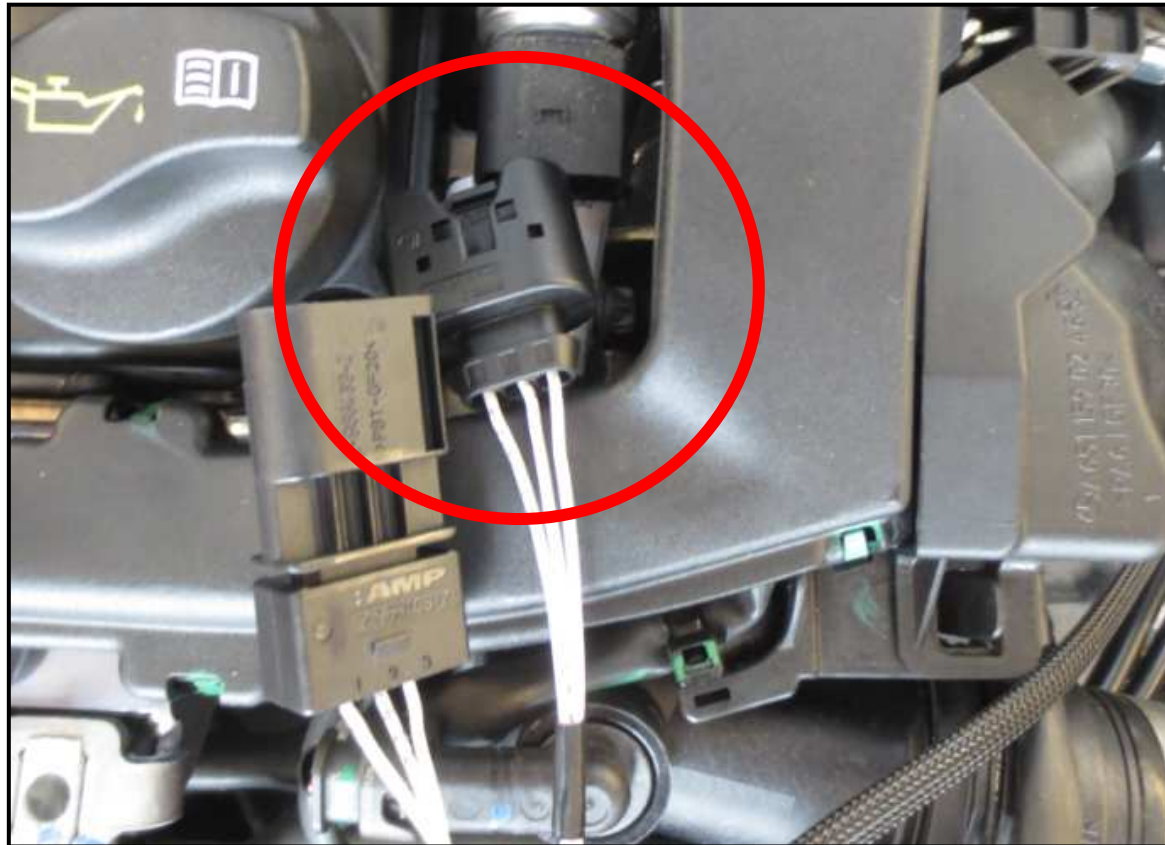
Connect air mass sensor plug to Brabus wiring harness (sensor B2/5).

Connect Brabus plug to air mass sensor.



***Route PowerXtra – wiring harness to charge pressure sensor – low pressure of exhaust gas turbocharger (B5/4).
Connect standard plug of charge pressure sensor (B5/4) to Brabus PowerXtra wiring harness, connect Brabus
plug to charge pressure sensor.***



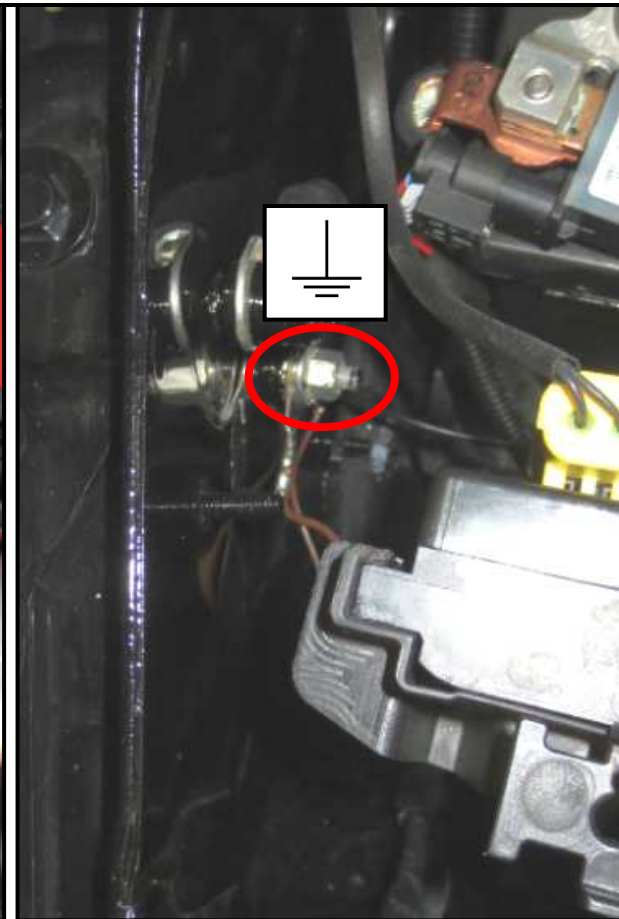
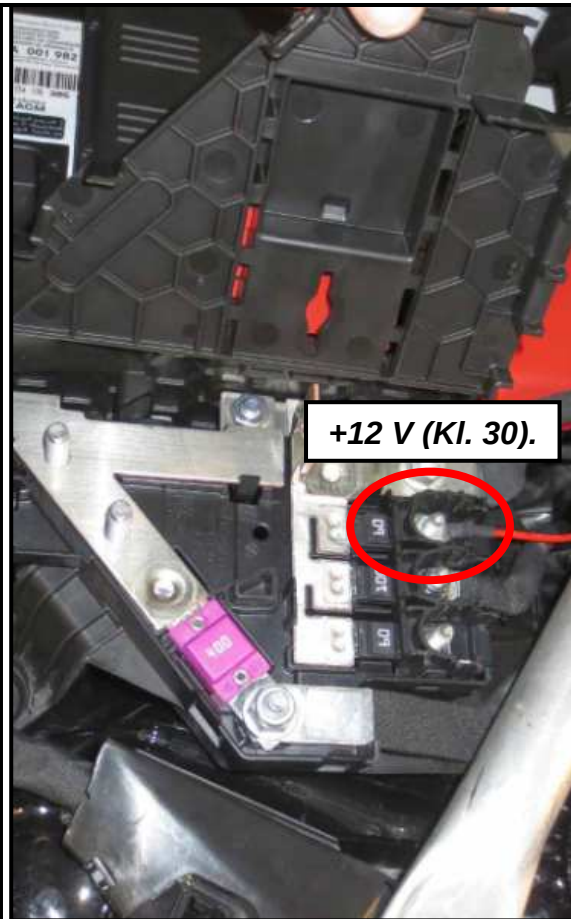


Connect standard plug of charge pressure sensor (B5/1) to Brabus PowerXtra wiring harness, connect Brabus plug to charge pressure sensor.



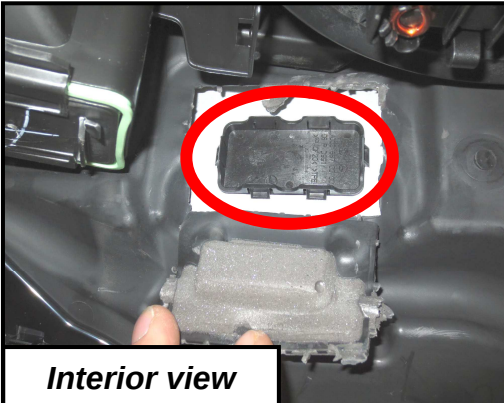
Align engine bay wiring harness and fixate to standard wirings using cable ties.

Open lid of power distributor (F32/3) within engine bay. Bolt power supply connector to constant power supply terminal shown. Bolt ground connector to ground terminal shown. Attach 20Amp-fuse to fuse terminal shown.

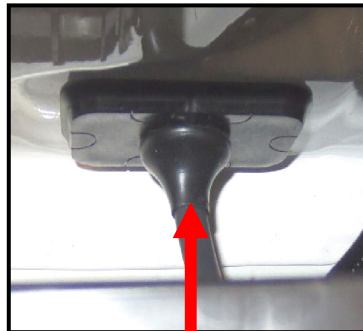


Remove plastic cover (cover of feed-through) shown.

Drill a 24mm hole into the plastic cover using a suitable cone drill. Route the CAN wire of the Brabus wires through the plastic cover and into the vehicle. Attach the rubber grommet of the wiring harness to the hole and measure the cable length required inside the vehicle. Re-attach the plastic cover and secure the implementation using a cable tie. Make sure the implementation is leakproof.



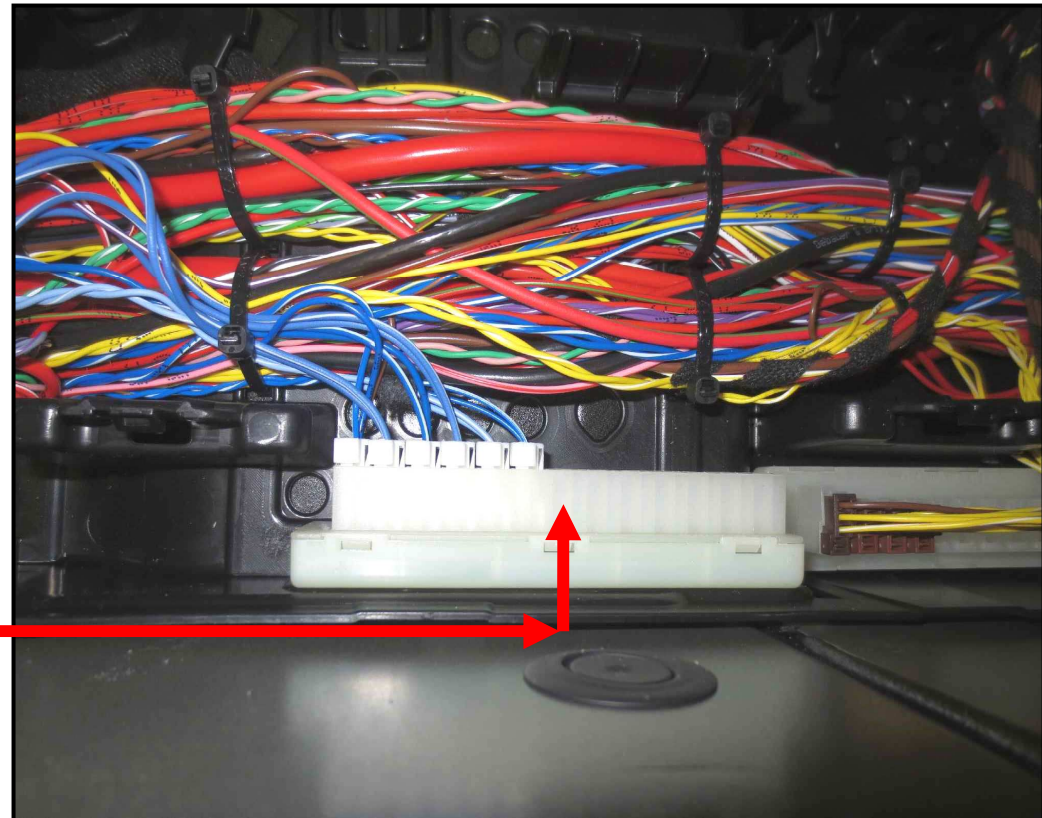
Interior view



Fixate using cable ties

Attach the CAN plug of the Brabus wiring harness to a free port of the CAN distributor shown. If due to the equipment of the car all slots are used already, solder parallel to one existing connector and isolate sufficiently.

Allocation: white to blue-white, green to blue.



***Attach PowerXtra main plug to PowerXtra control unit to the vehicle battery using velcro tape supplied.
Re-connect the vehicle battery.***



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Re-attach the fuse to the fuse port. Re-attach all removed cover parts and make sure all electrical connections were securely made, all wires were securely routed and are protected against damages. Check the fault store and delete faults which may have occurred during installation. Perform a test-drive.