



PRODUCT MANUAL

PROFESSIONAL

CAS-1-2-3 Gateway Full System
AUTOHEX-II ON Bench / ON Vehicle (Diagnostic)
Universal OBD + ON Vehicle

BMW TESTING TOOL

CAS-1-2-3

GATEWAY JBE

DASHBOARD

TriCore Cable

OBD Cable

D-CAN

PT-CAN

K-CAN

F-CAN

SUPPORT

- ✓ CAS-1 Testing Control + Original Connector
- ✓ CAS-2 Testing Control + Original Connector
- ✓ CAS-3 Testing Control + Original Connector
- ✓ Gateway JBE Diagnostic + Original Connector
- ✓ Dashboard Control + Original Connector
- ✓ Embedded CAS-2-3 ELV Steering Lock Emulator
- ✓ Universal OBD
- ✓ Autohex-II Compatible
- ✓ Gateway out PT-CAN, K-CAN and F-CAN control
- ✓ D-CAN, OBD-7 and OBD-9 control
- ✓ Autohex-II TriCore Cable Gateway Out Original Connector + PIN
- ✓ With Autohex-II, you can apply all the operations you have done on the Vehicle on the Desktop without any problems.
- ✓ With Universal, you can apply all the operations you have done on the Vehicle on the Desktop without any problems.
- ✓ Remote Control Antenna Original Connector
- ✓ Remote Key Control

- ✓ Autohex-II **On-Vehicle** Diagnose compatible Coding and Programming
- ✓ Universal OBD **On-Vehicle** Coding and Programming

On-Vehicle feature
Desktop Control

ACCESSORIES



OBD
Cable



Dashboard
Cable



CAS 2-3
Cable



CAS 1
Cable



JBE
GATEWAY Cable



Gateway Out
Cable



Gateway Out
Cable



AUTOHEX-II
TriCore Cable

ISTA+ VIN Vehicle KL 15: -- KL 30: --

Operations	Vehicle information	Vehicle management	Service plan	Favourites	Workshop/ Operating fluids	Measuring devices
Vehicle details	Repair history	Control unit tree	Control unit list	Operations report	Information by service cases	

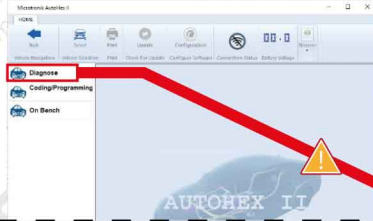
— K-CAN2 — MOST — K-CAN — FLEXRAY — PT-CAN — PT-CAN2 — S-CAN

Fault memory 4 ■ Ecu without fault memory ■ Ecu with fault memory ■ Ecu not responding ■ Ecu with programming abort

Start vehicle test Call up ECU functions Display fault memory

AUTOHEX-II ON Vehicle (Diagnose)

Coding/Programing ✓



When you use the Autohex-II Software DIAGNOSE function, please connect the 12V Power adapter to the power input on the Goldcar device.

12 Volt Power



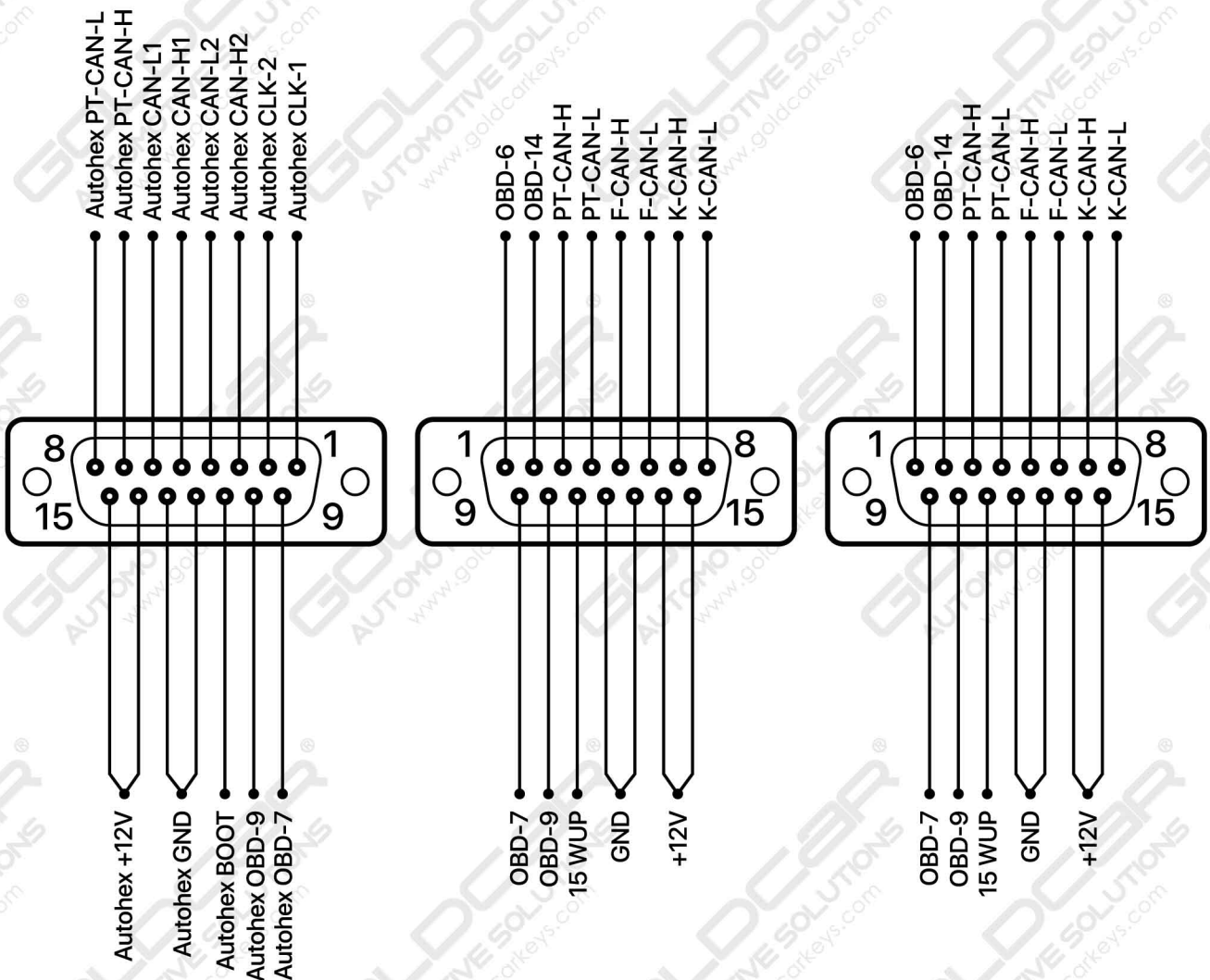
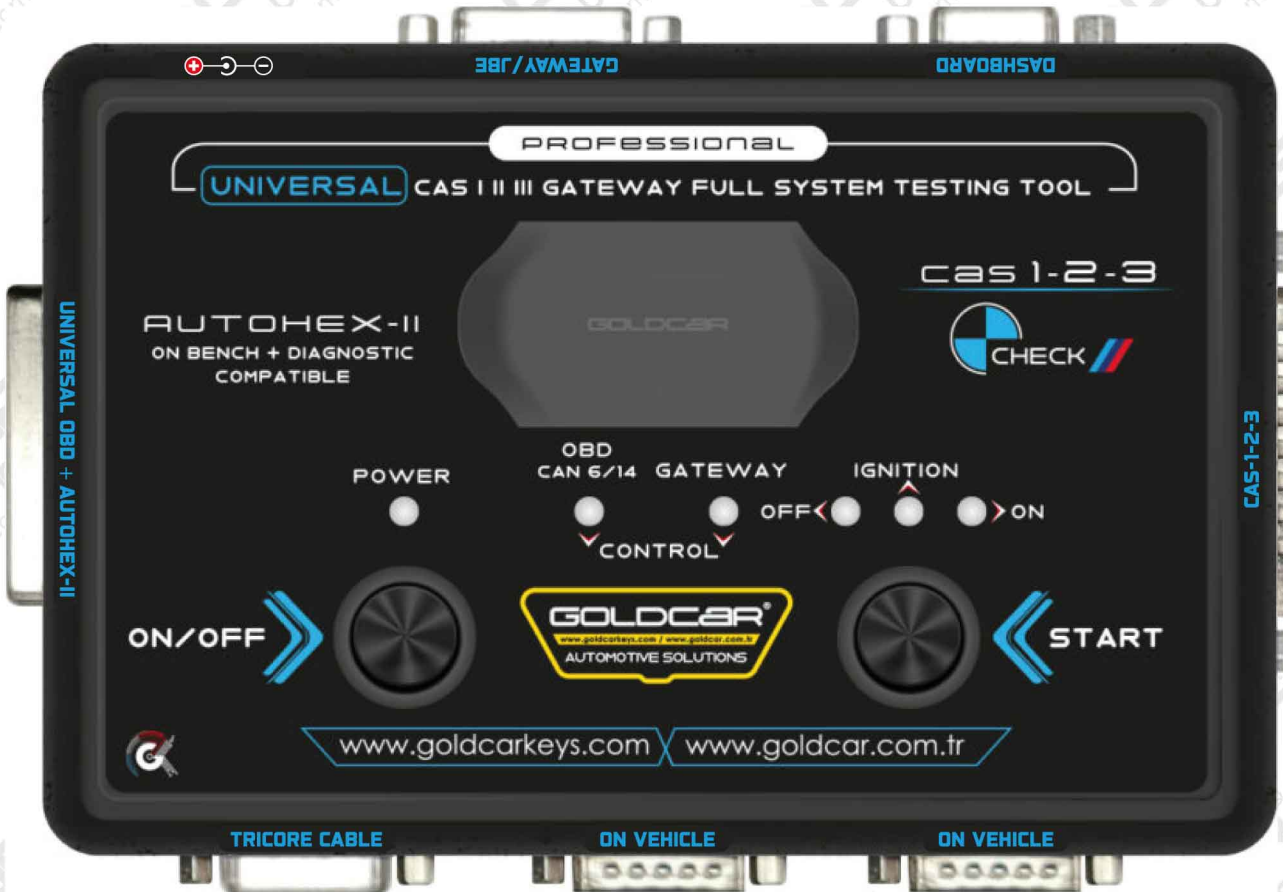
Universal OBD ON Vehicle Product Manual

Coding/Programing ✓

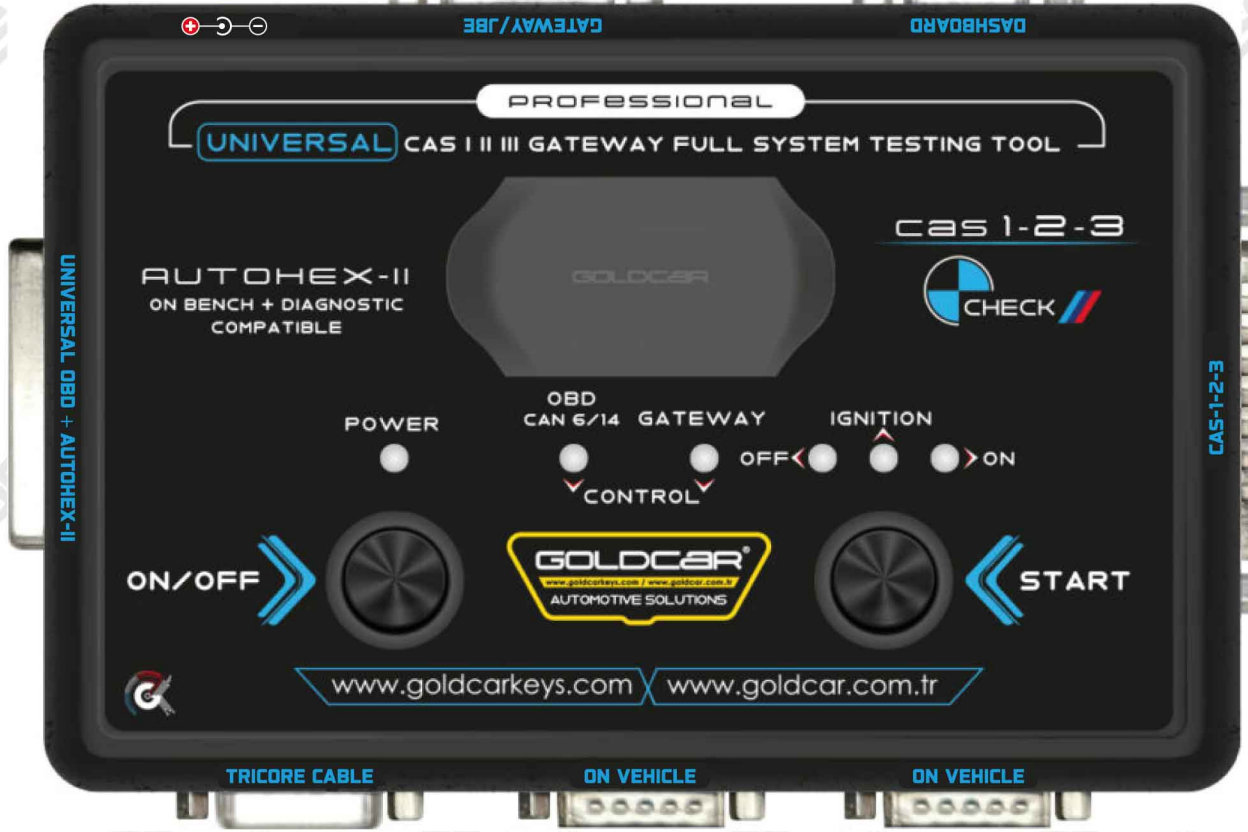
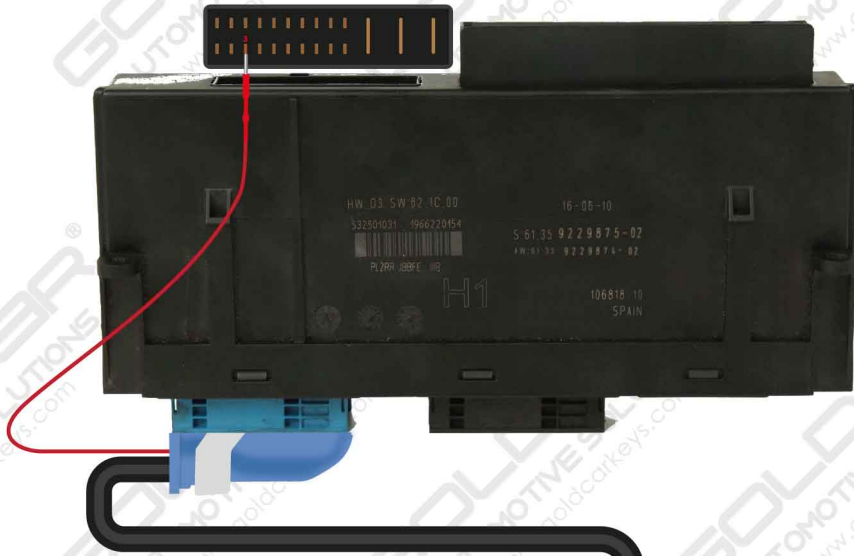
OBD Cable UNIVERSAL



D-SUB OUT Schema

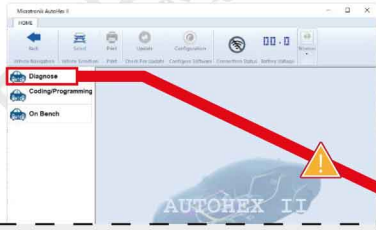


3-PIN



AUTOHEX-II ON Vehicle (Diagnose) Product Manual

Coding/Programing ✓



ATTENTION When you use the Autohex-II Software DIAGNOSE function, please connect the 12V Power adapter to the power input on the Goldcar device.

~~12 Volt Power~~

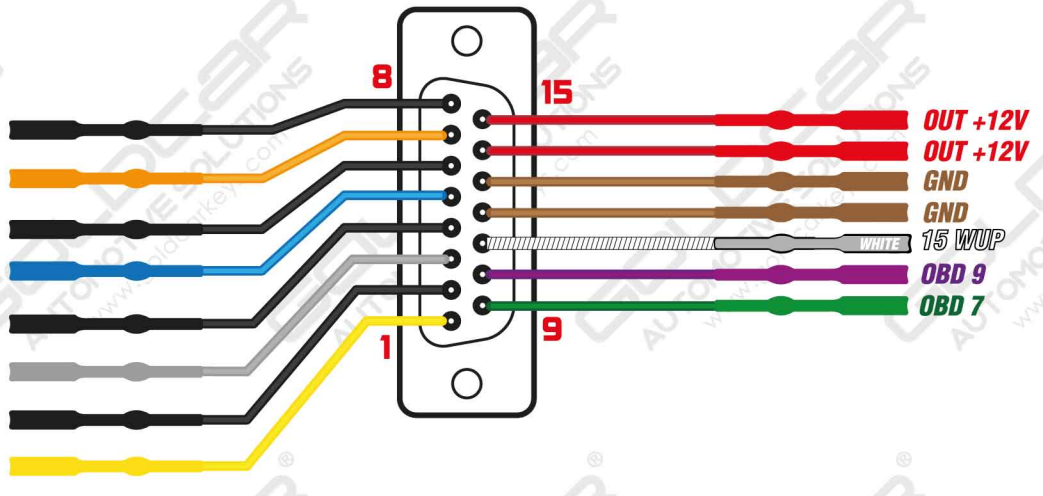


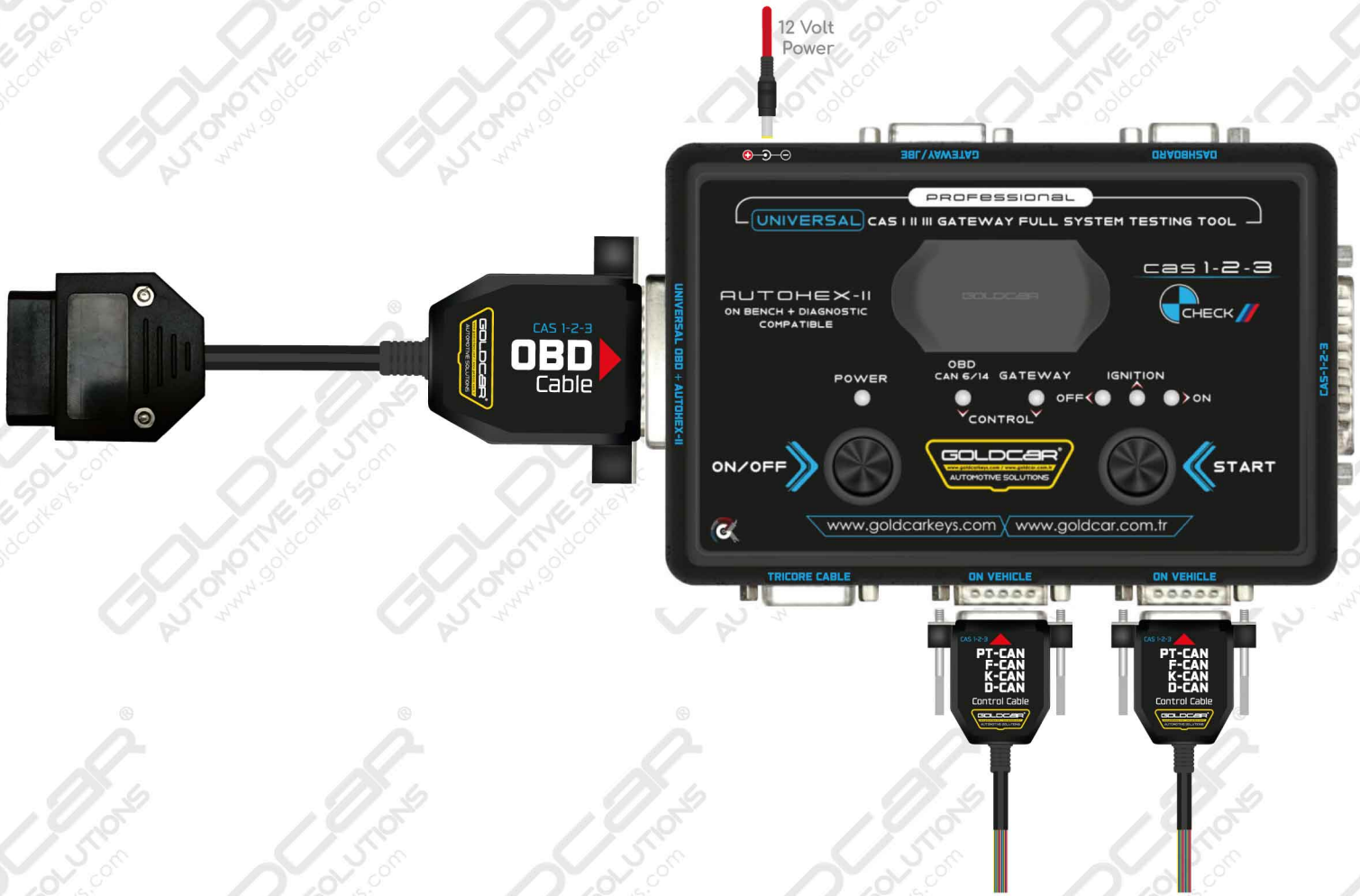
Diagnose

ON VEHICLE PT-CAN / F-CAN / K-CAN / D-CAN Control Cable

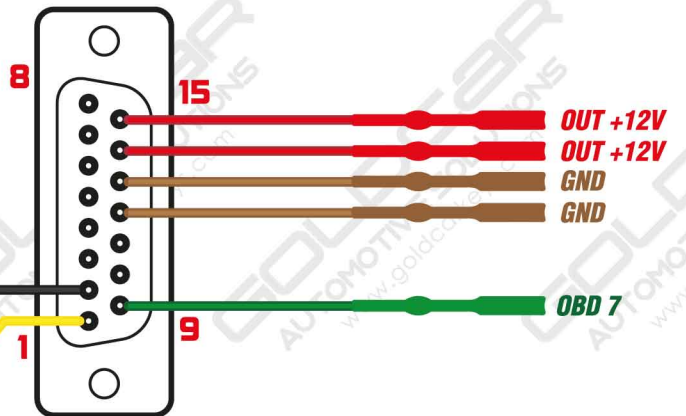


- BRAIDED CABLE** K-CAN-L
- BRAIDED CABLE** K-CAN-H
- BRAIDED CABLE** F-CAN-L
- BRAIDED CABLE** F-CAN-H
- BRAIDED CABLE** PT-CAN-L
- BRAIDED CABLE** PT-CAN-H
- BRAIDED CABLE** OBD 14 CAN-L
- BRAIDED CABLE** OBD 6 CAN-H





ON VEHICLE PT-CAN / F-CAN / K-CAN / D-CAN Control Cable



BRAIDED CABLE
OBD 14 CAN-L
OBD 6 CAN-H

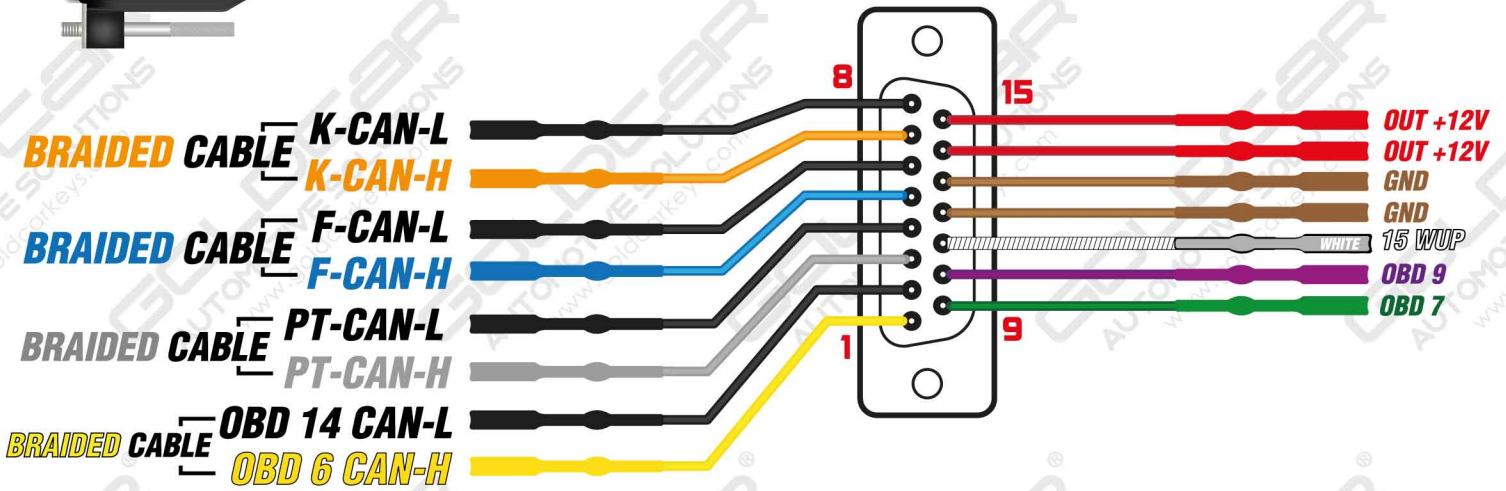
Universal OBD ON Vehicle Product Manual

Coding/Programing ✓



Universal

ON VEHICLE PT-CAN / F-CAN / K-CAN / D-CAN Control Cable

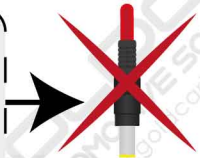


AUTOHEX-II ON Bench Product Manual

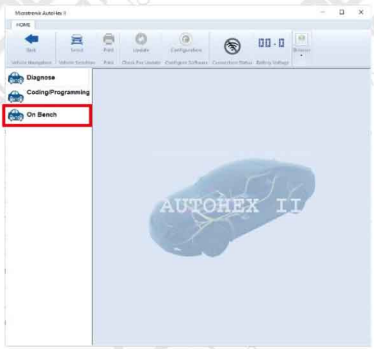
AUTOHEX-II ON BENCH



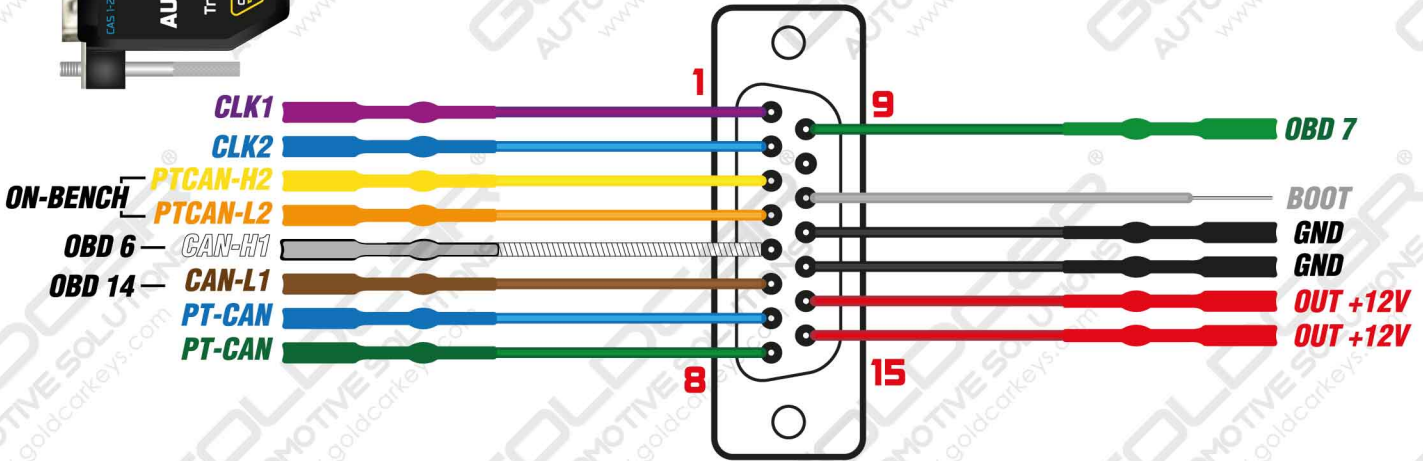
When you use the Autohex-II Software ON-BENCH function, please connect the 12V Power adapter to the power input on the Autohex-II device.



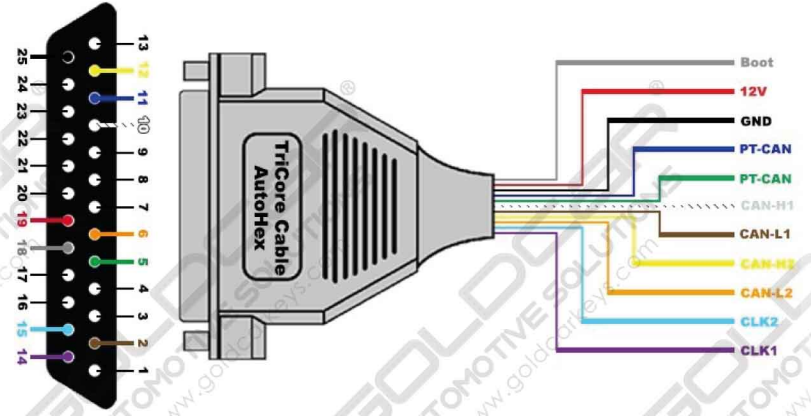
12 Volt Power



Goldcar AUTOHEX-II Compatible TRICORE Cable



Autohex-II Original TriCore Cable and Goldcar TriCore Cable colors are the same and function the same.



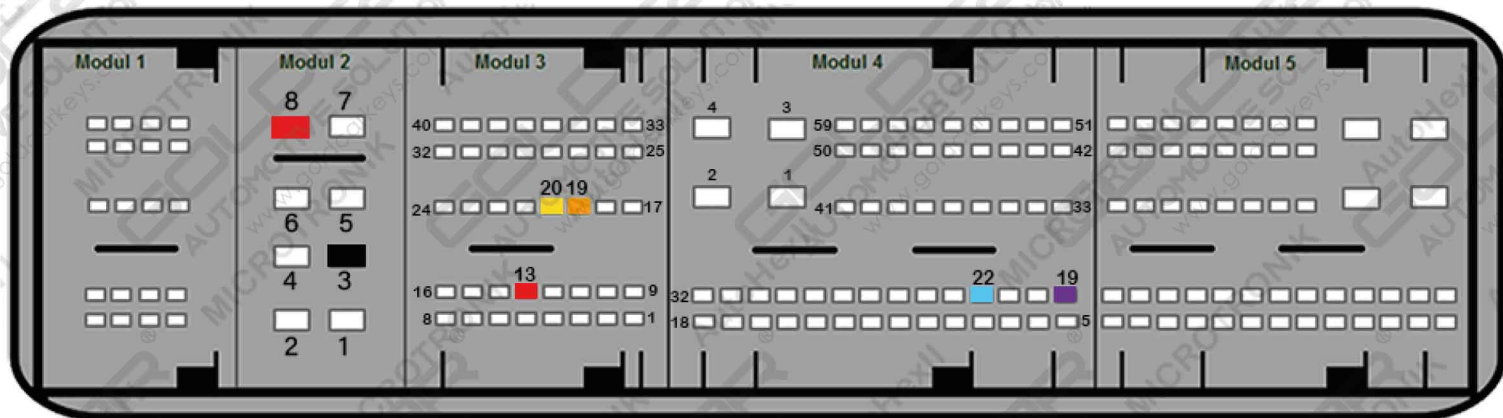
GOLDCAR TRICORE Cable

AUTOHEX-II
ON Bench Manual

EDC17C41 / EDC17CP09 / EDC17CP45

EDC17C41, EDC17CP45

- Autohex-II Software ON-Bench (Please +12V AUTOHEX-II)
- Unplug DME from the car (Located)
- Connect wires to DME based on the below connection diagram using Goldcar TriCore cable
- Select the DME Type from AutoHex software
- Read ISN from DME



MODUL 2, 08: Out +12V
MODUL 3, 13: Out +12V

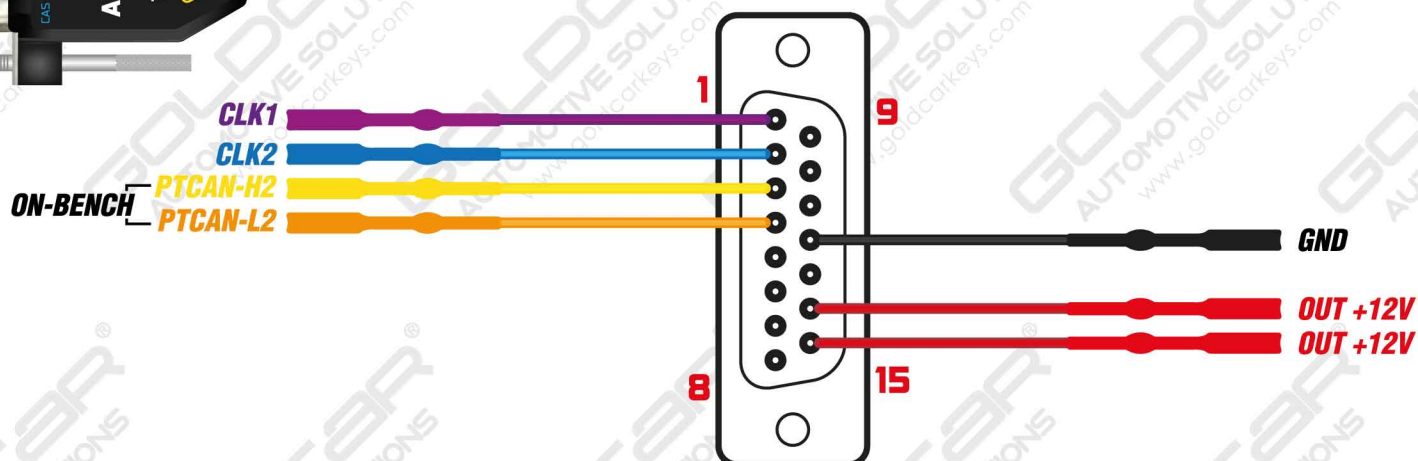
MODUL 2, 03: GND

MODUL 3, 20: PT-CAN H
MODUL 3, 19: PT-CAN L

MODUL 4, 19: CLK1
MODUL 4, 22: CLK2



Goldcar AUTOHEX-II Compatible TRICORE Cable



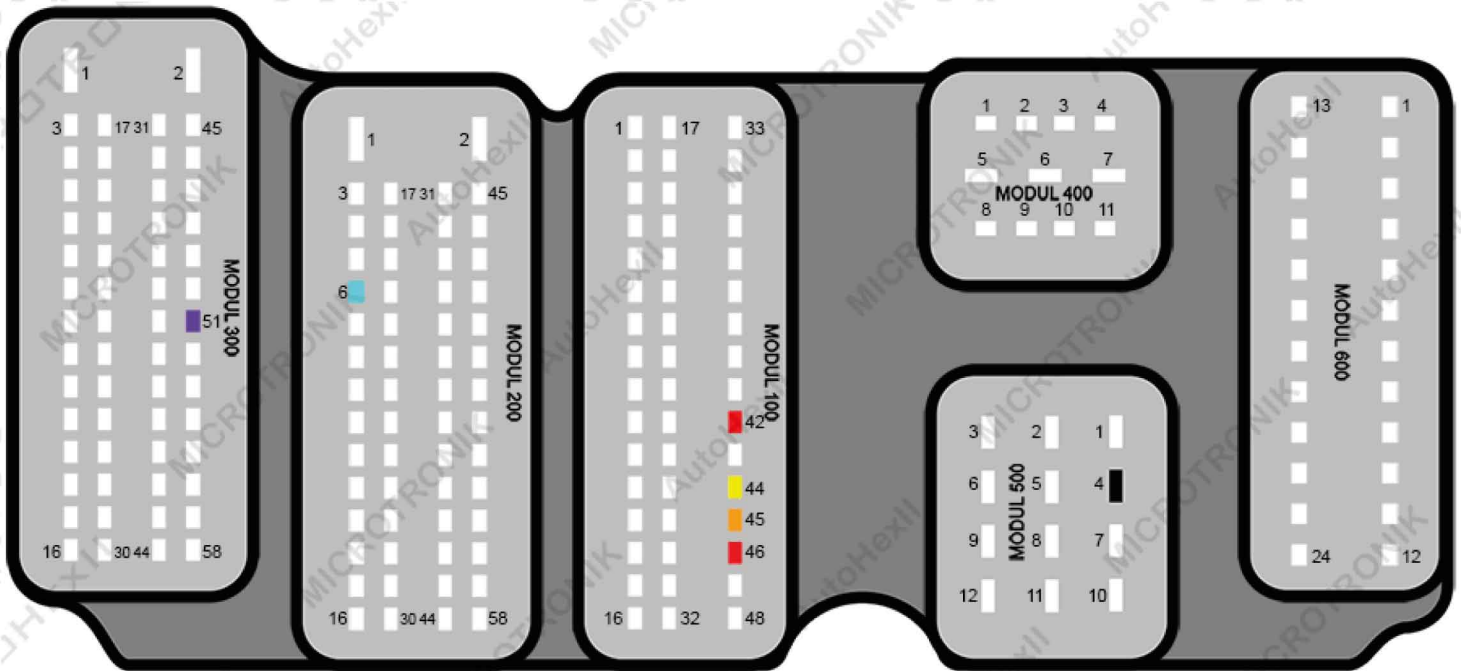
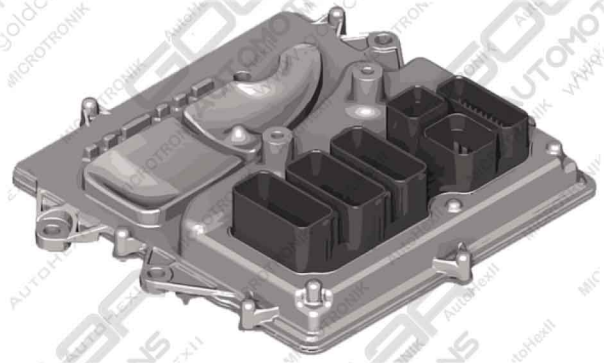
GOLDCAR TRICORE Cable

MEVD172

AUTOHEX-II
ON Bench Manual

MEVD172, MEVD1726, MEVD172G

- Autohex-II Software ON-Bench (Please +12V AUTOHEX-II)
- Unplug DME from the car (Located)
- Connect wires to DME based on the below connection diagram using Goldcar TriCore cable
- Select the DME Type from AutoHex software
- Read ISN from DME



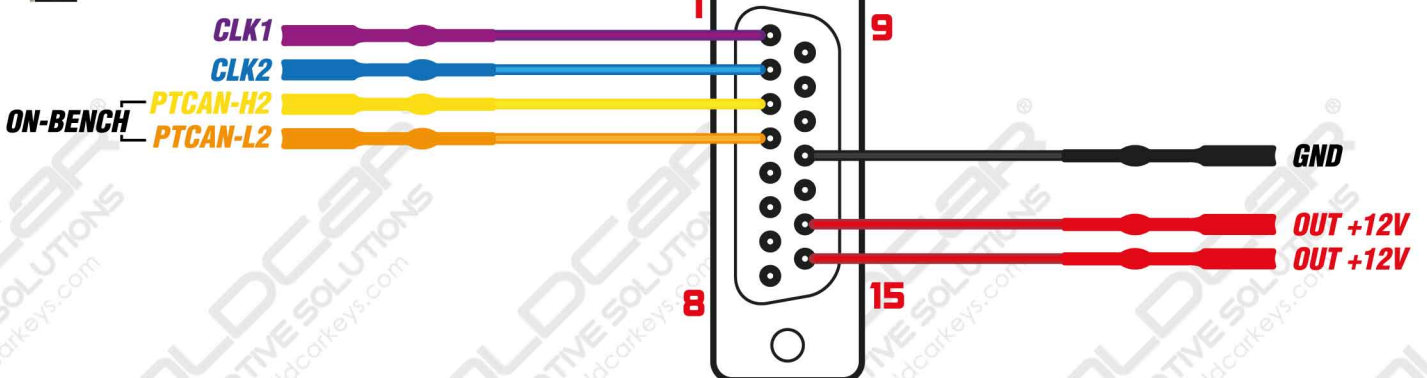
MODUL 100, 42: Out +12V
MODUL 100, 46: Out +12V

MODUL 500, 04: GND

MODUL 100, 44: PT-CAN H
MODUL 100, 45: PT-CAN L

MODUL 300, 51: CLK1
MODUL 200, 6: CLK2

Goldcar AUTOHEX-II Compatible TRICORE Cable

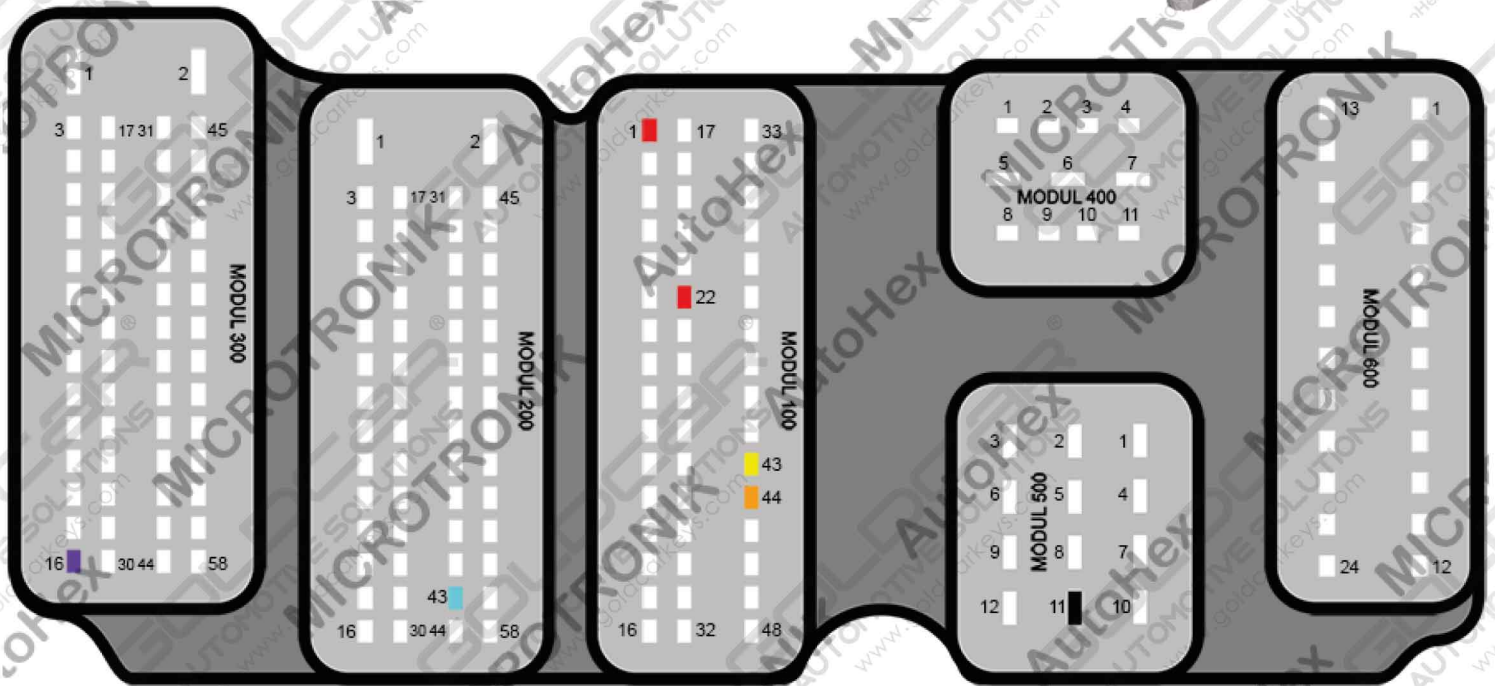
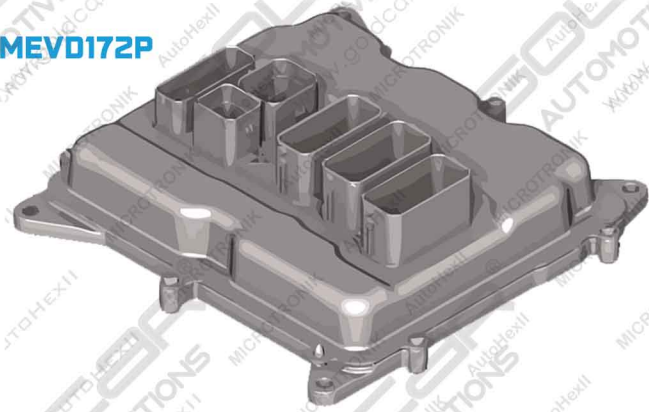


GOLDCAR TRICORE Cable MEVD1724

**AUTOHEX-II
ON Bench Manual**

MEVD1724, MEVD1725, MEVD1728, MEVD1729, MEVD172H, MEVD172P

- Autohex-II Software ON-Bench (Please +12V AUTOHEX-II)
- Unplug DME from the car (Located)
- Connect wires to DME based on the below connection diagram using Goldcar TriCore cable
- Select the DME Type from AutoHex software
- Read ISN from DME



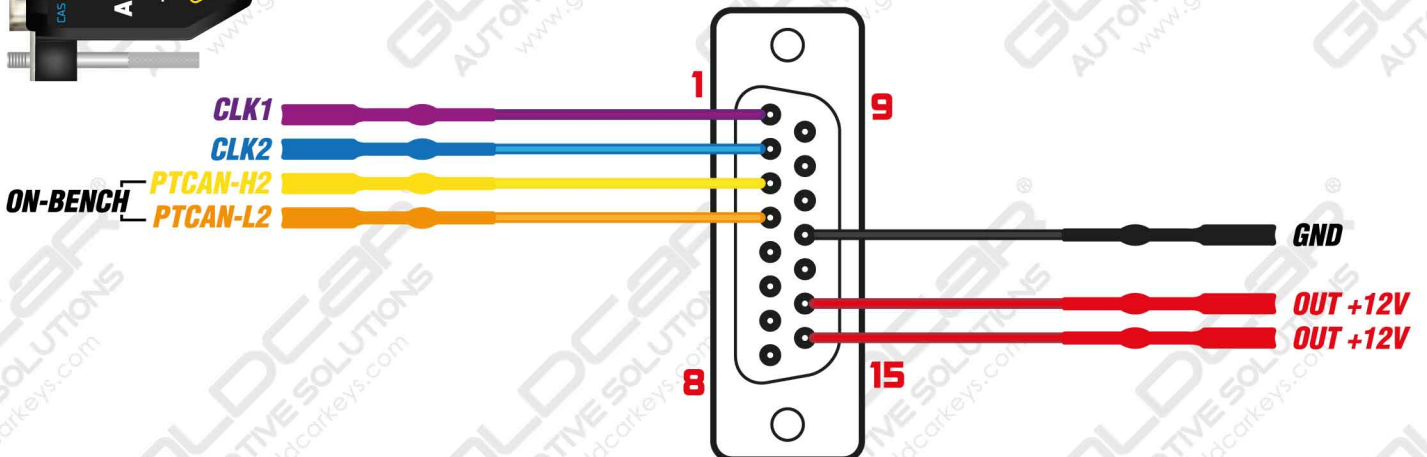
MODUL 100, 1: Out +12V
MODUL 100, 22: Out +12V

MODUL 500, 11: GND

MODUL 100, 43: PT-CAN H
MODUL 100, 44: PT-CAN L

MODUL 300, 16: CLK1
MODUL 200, 43: CLK2

Goldcar AUTOHEX-II Compatible TRICORE Cable

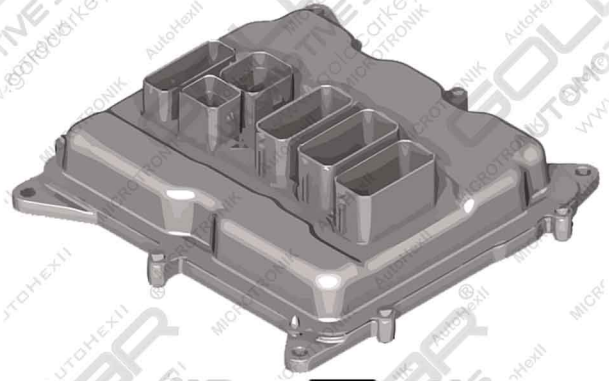


GOLDCAR TRICORE Cable

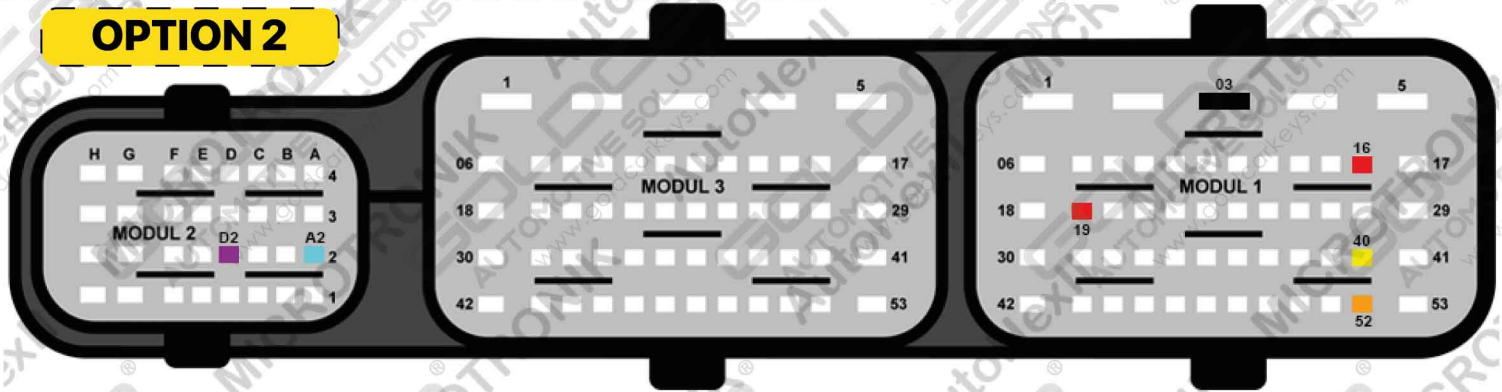
MEV17.2, MED17.2

AUTOHEX-II ON Bench
Product Manual

- Autohex-II Software ON-Bench (Please +12V AUTOHEX-II)
- Unplug DME from the car (Located)
- Connect wires to DME based on the below connection diagram using Goldcar TriCore cable
- Select the DME Type from AutoHex software
- Read ISN from DME



OPTION 2



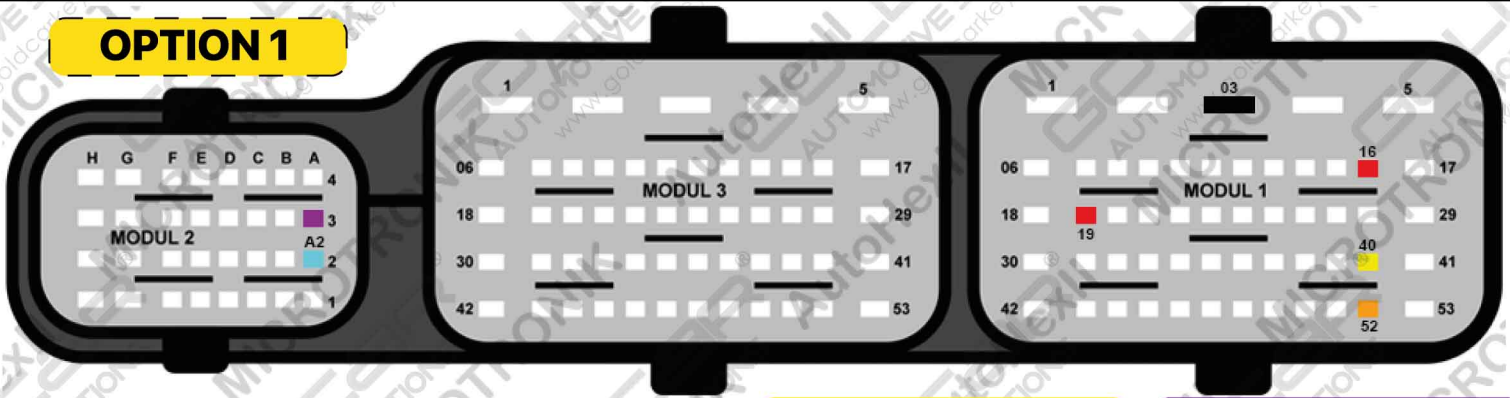
MODUL 1, 16: Out +12V
MODUL 1, 19: Out +12V

MODUL 1, 3: GND

MODUL 1, 40: PT-CAN H
MODUL 1, 52: PT-CAN L

MODUL 2, D2: CLK1
MODUL 2, A2: CLK2

OPTION 1

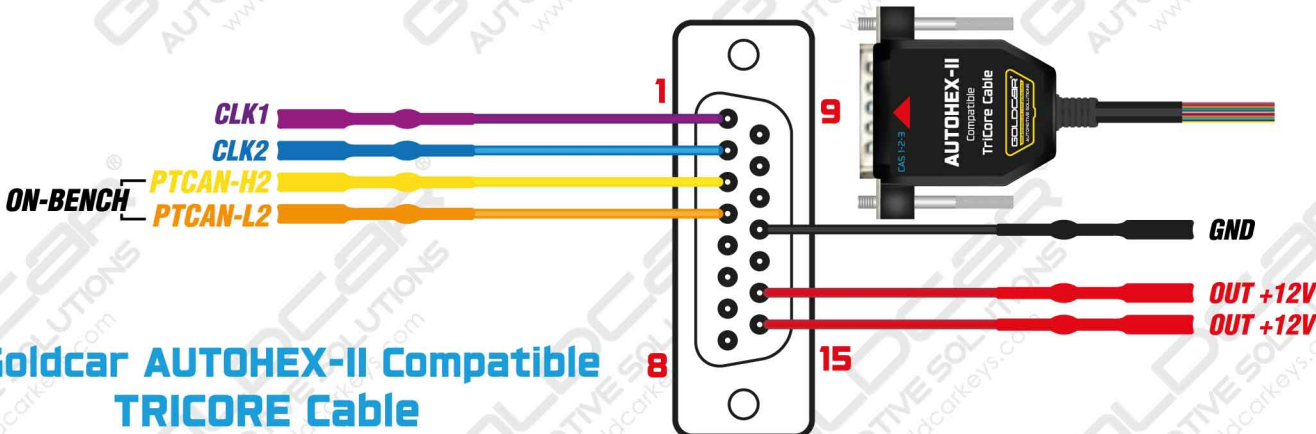


MODUL 1, 16: Out +12V
MODUL 1, 19: Out +12V

MODUL 1, 3: GND

MODUL 1, 40: PT-CAN H
MODUL 1, 52: PT-CAN L

MODUL 2, A3: CLK1
MODUL 2, A2: CLK2



Goldcar AUTOHEX-II Compatible
TRICORE Cable

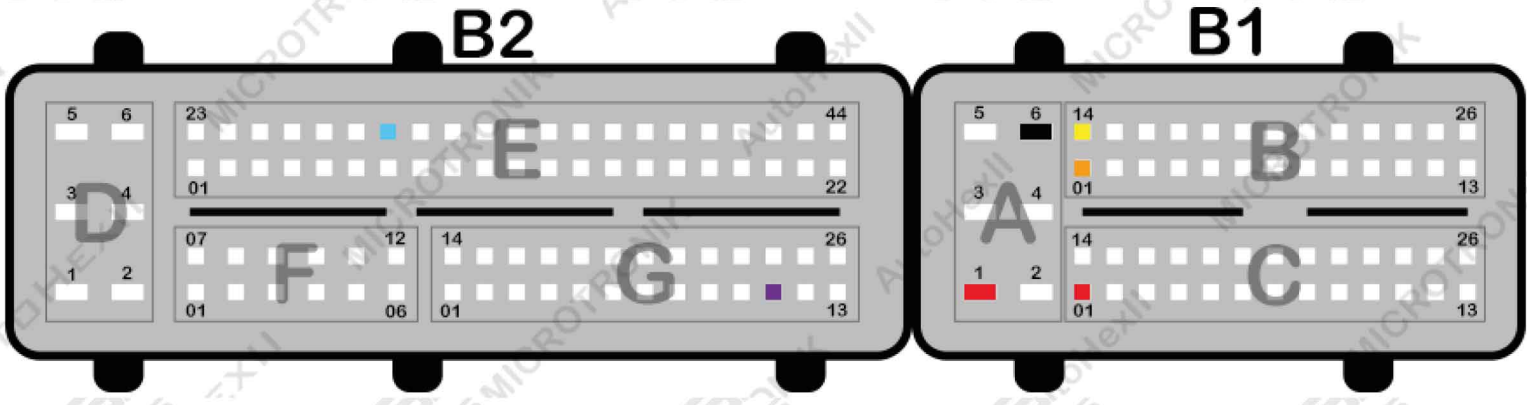
GOLDCAR TRICORE Cable

MEV17.4.6

MEV17.4.6

**AUTOHEX-II ON Bench
Product Manual**

- Autohex-II Software ON-Bench (Please +12V AUTOHEX-II)
- Unplug DME from the car (Located)
- Connect wires to DME based on the below connection diagram using Goldcar TriCore cable
- Select the DME Type from AutoHex software
- Read ISN from DME



MODUL 1, A01: Out +12V
MODUL 1, C01: Out +12V

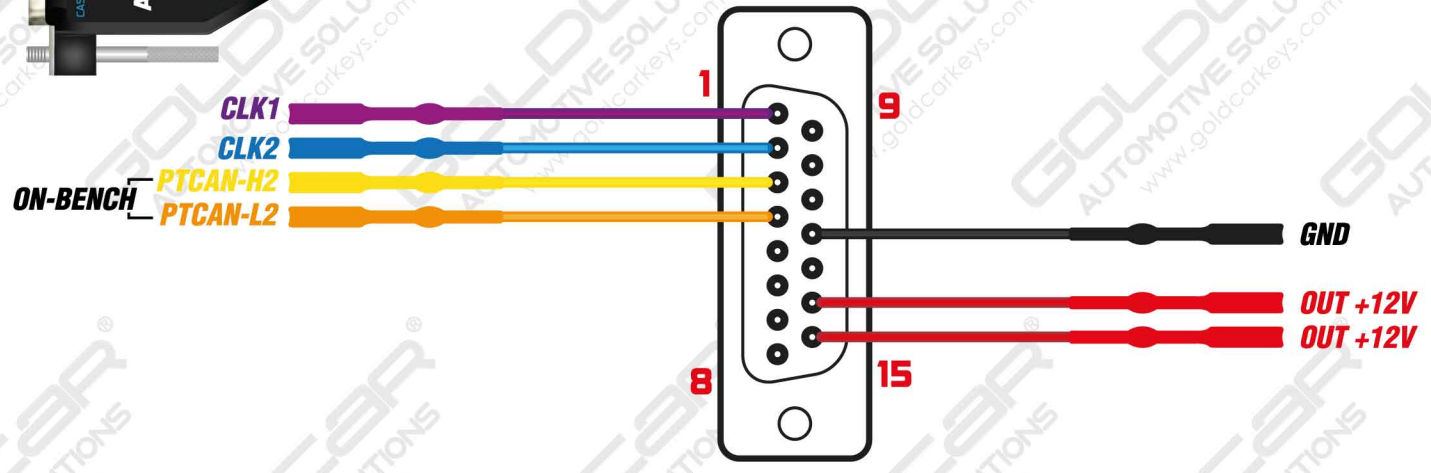
MODUL 1, A06: GND

MODUL 1, B14: PT-CAN H
MODUL 1, B01: PT-CAN L

MODUL 2, G11: CLK1
MODUL 2, E29: CLK2



Goldcar AUTOHEX-II Compatible TRICORE Cable



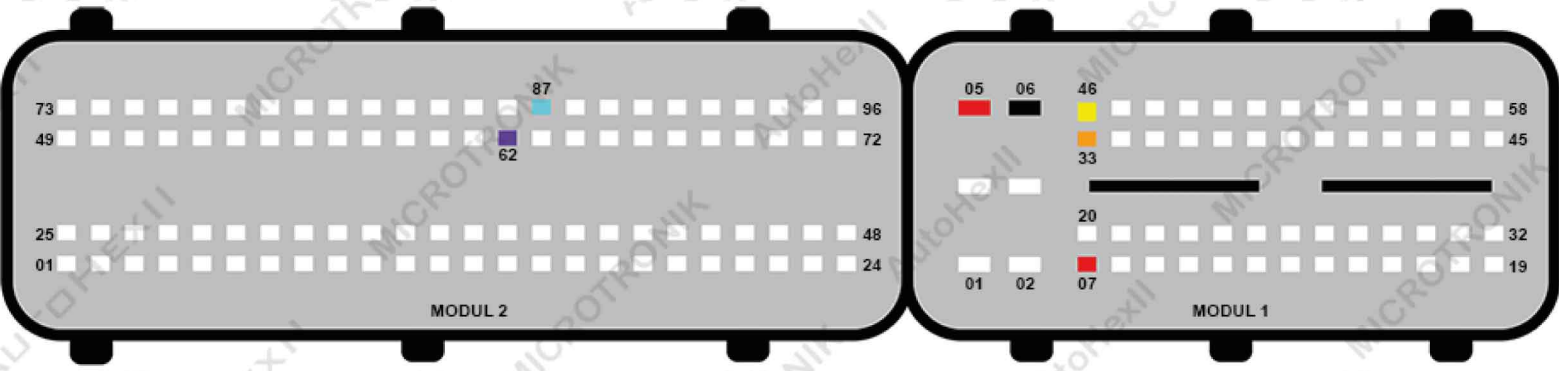
GOLDCAR TRICORE Cable

EDC17CP02

EDC17CP02

**AUTOHEX-II ON Bench
Product Manual**

- Autohex-II Software ON-Bench (Please +12V AUTOHEX-II)
- Unplug DME from the car (Located)
- Connect wires to DME based on the below connection diagram using Goldcar TriCore cable
- Select the DME Type from AutoHex software
- Read ISN from DME

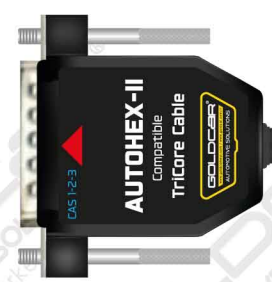


MODUL 1, 05: Out +12V
MODUL 1, 07: Out +12V

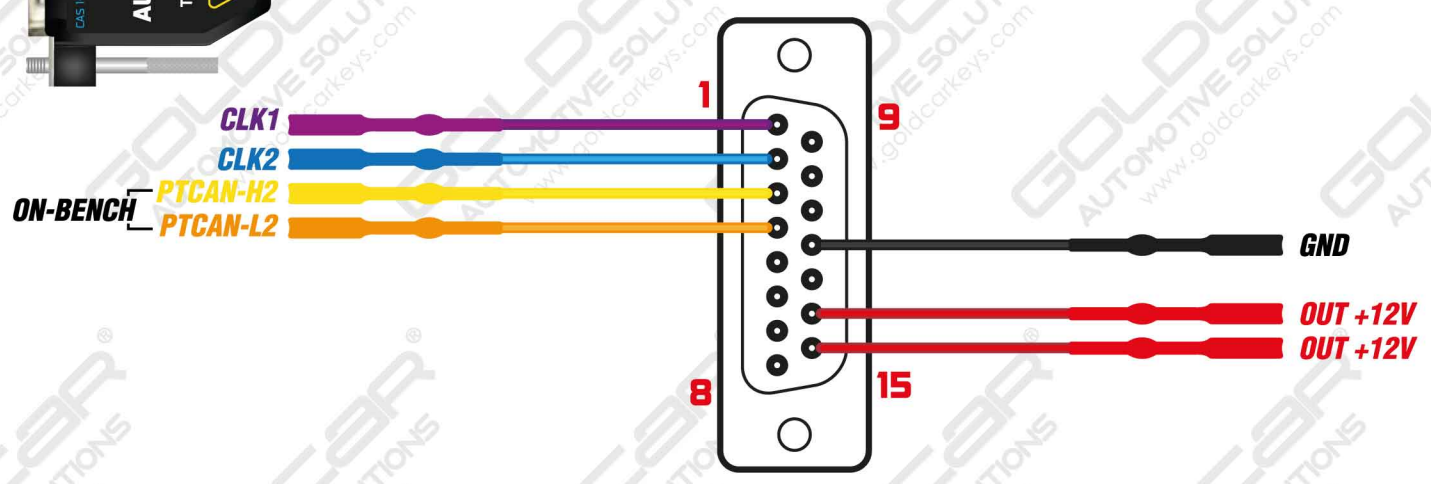
MODUL 1, 06: GND

MODUL 1, 46: PT-CAN H
MODUL 1, 33: PT-CAN L

MODUL 2, 62: CLK1
MODUL 2, 87: CLK2



Goldcar AUTOHEX-II Compatible TRICORE Cable



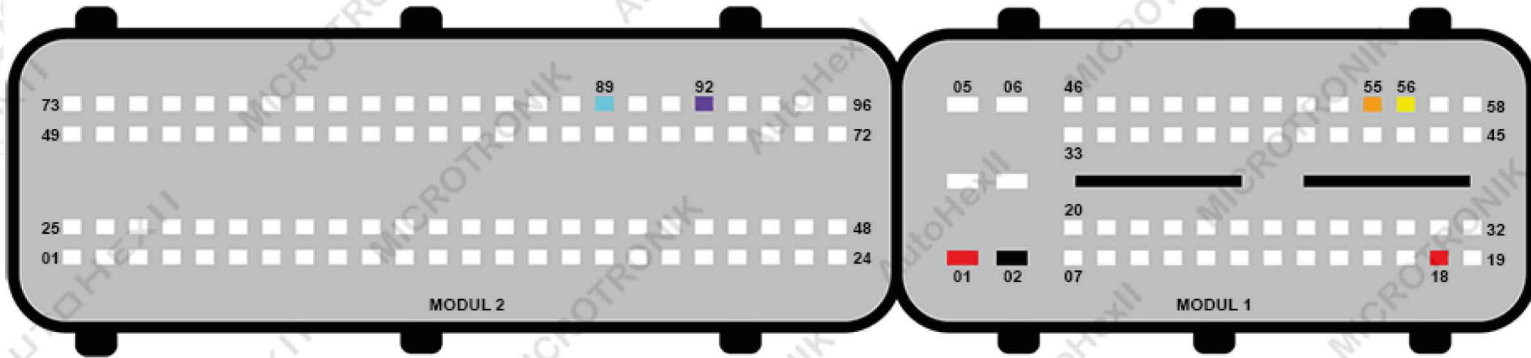
GOLDCAR TRICORE Cable EDC17Cp49

**AUTOHEX-II ON Bench
Product Manual**

EDC17Cp49, EDC17C50, EDC17C56, EDC17C76



- Autohex-II Software ON-Bench (Please +12V AUTOHEX-II)
- Unplug DME from the car (Located)
- Connect wires to DME based on the below connection diagram using Goldcar TriCore cable
- Select the DME Type from AutoHex software
- Read ISN from DME



MODUL 1, 01: Out +12V
MODUL 1, 18: Out +12V

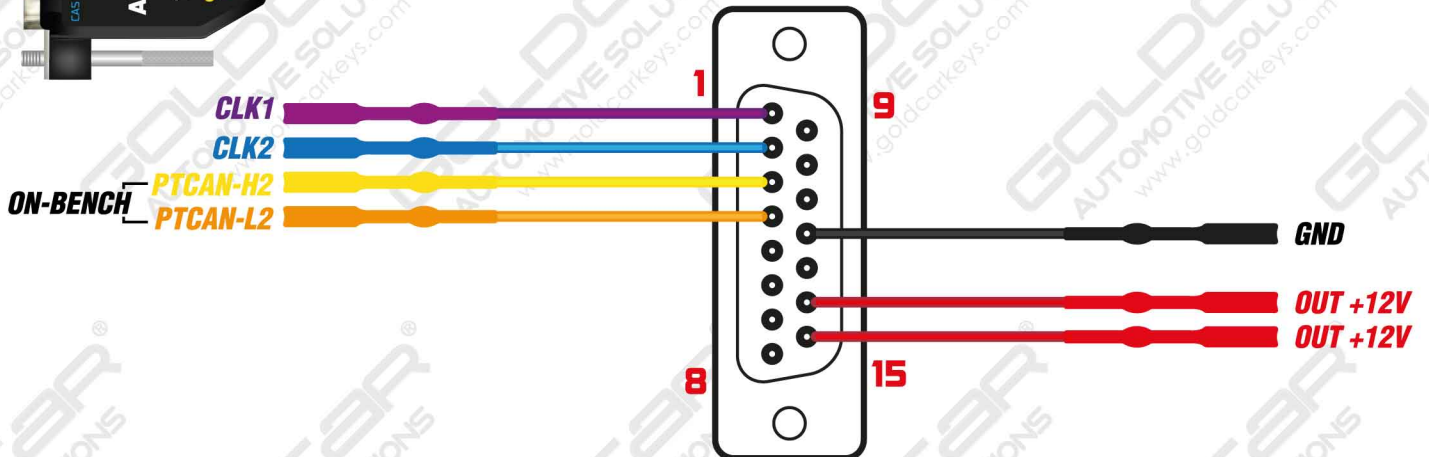
MODUL 1, 02: GND

MODUL 1, 56: PT-CAN H
MODUL 1, 55: PT-CAN L

MODUL 2, 92: CLK1
MODUL 2, 89: CLK2



Goldcar AUTOHEX-II Compatible TRICORE Cable

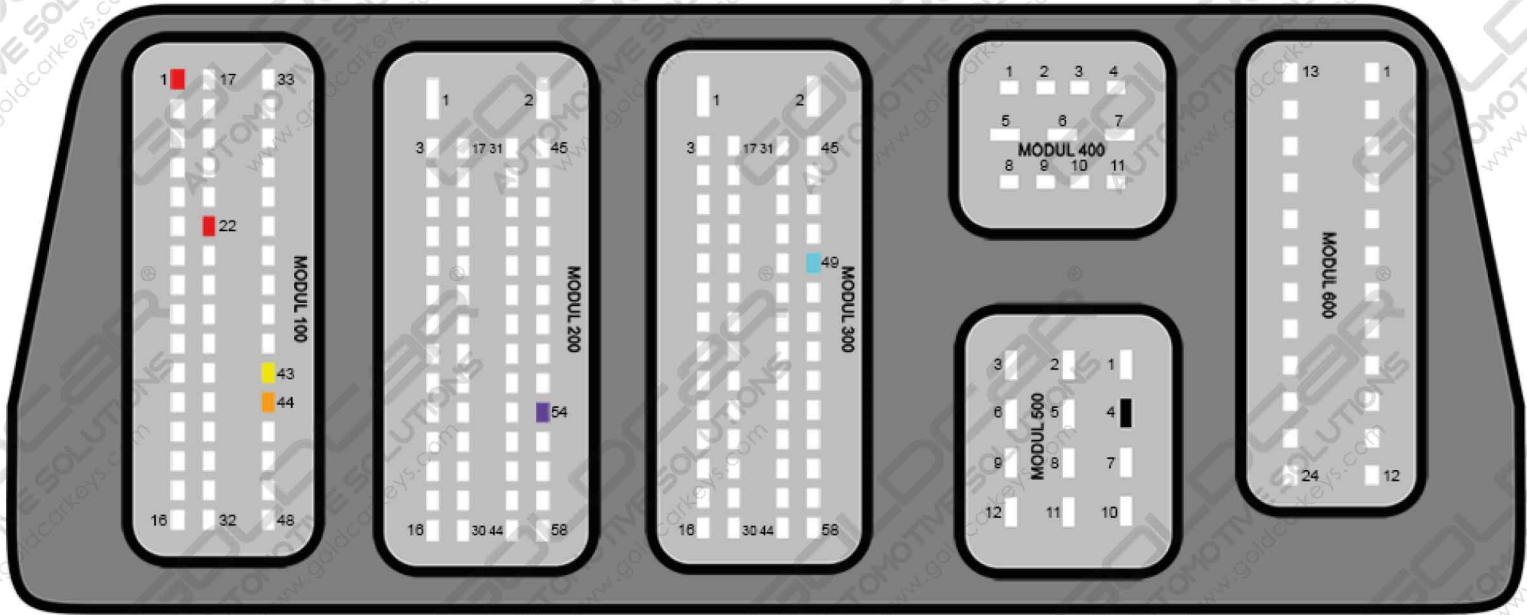


GOLDCAR TRICORE Cable MEVD1723

**AUTOHEX-II ON Bench
Product Manual**



- Autohex-II Software ON-Bench (Please +12V AUTOHEX-II)
- Unplug DME from the car (Located)
- Connect wires to DME based on the below connection diagram using Goldcar TriCore cable
- Select the DME Type from AutoHex software
- Read ISN from DME



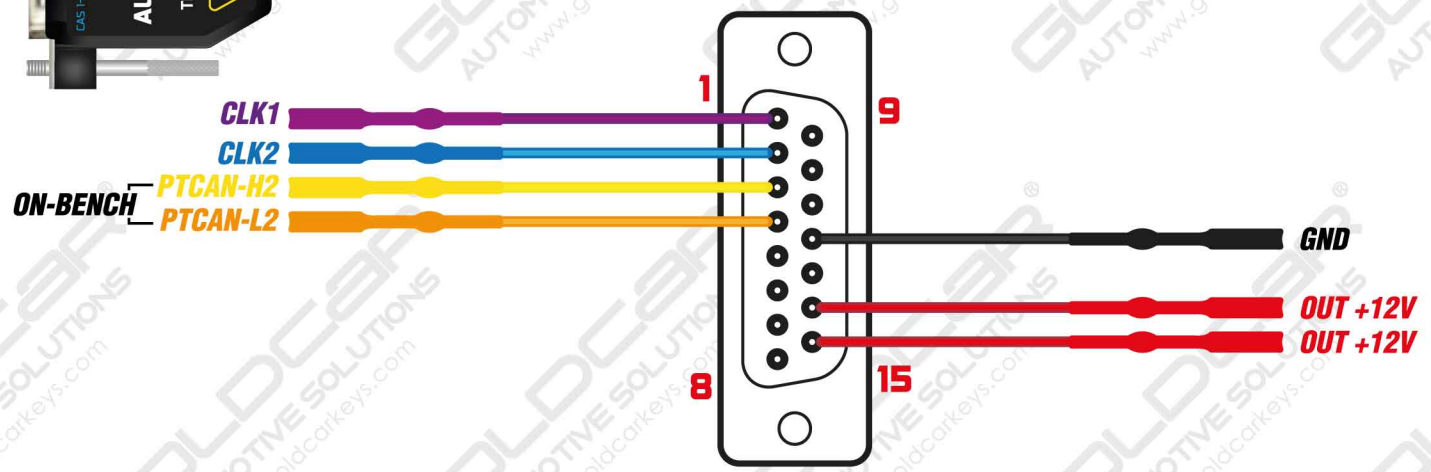
MODUL 100, 1: Out +12V
MODUL 100, 22: Out +12V

MODUL 500, 4: GND

MODUL 100, 43: PT-CAN H
MODUL 100, 44: PT-CAN L

MODUL 200, 54: CLK1
MODUL 300, 49: CLK2

Goldcar AUTOHEX-II Compatible TRICORE Cable



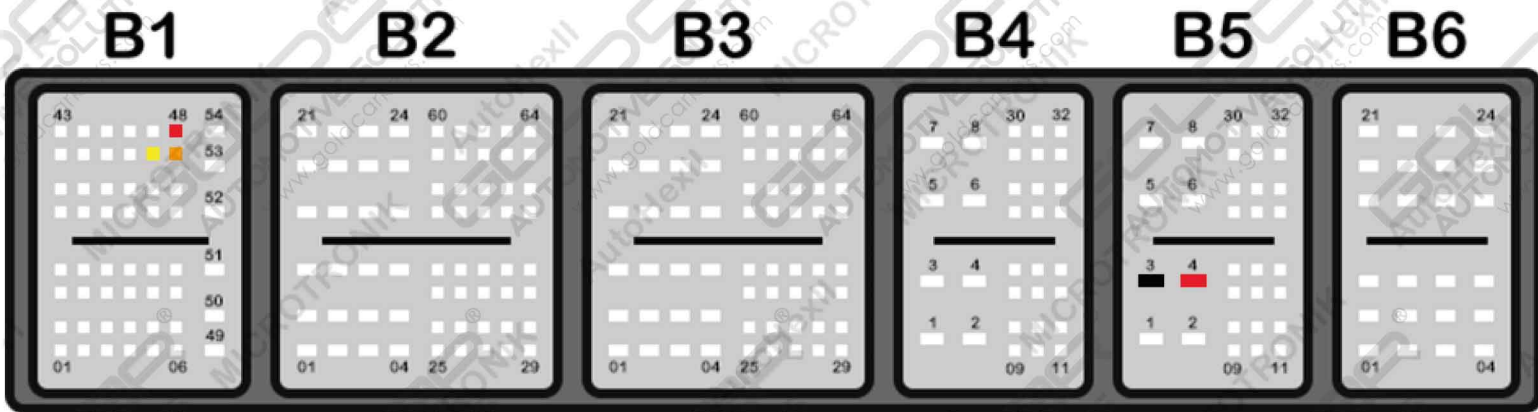
GOLDCAR TRICORE Cable

MD1/MG1

MD1/MG1

**AUTOHEX-II ON Bench
Product Manual**

- Autohex-II Software ON-Bench (Please +12V AUTOHEX-II)
- Unplug DME from the car (Located)
- Connect wires to DME based on the below connection diagram using Goldcar TriCore cable
- Select the DME Type from AutoHex software
- Read ISN from DME



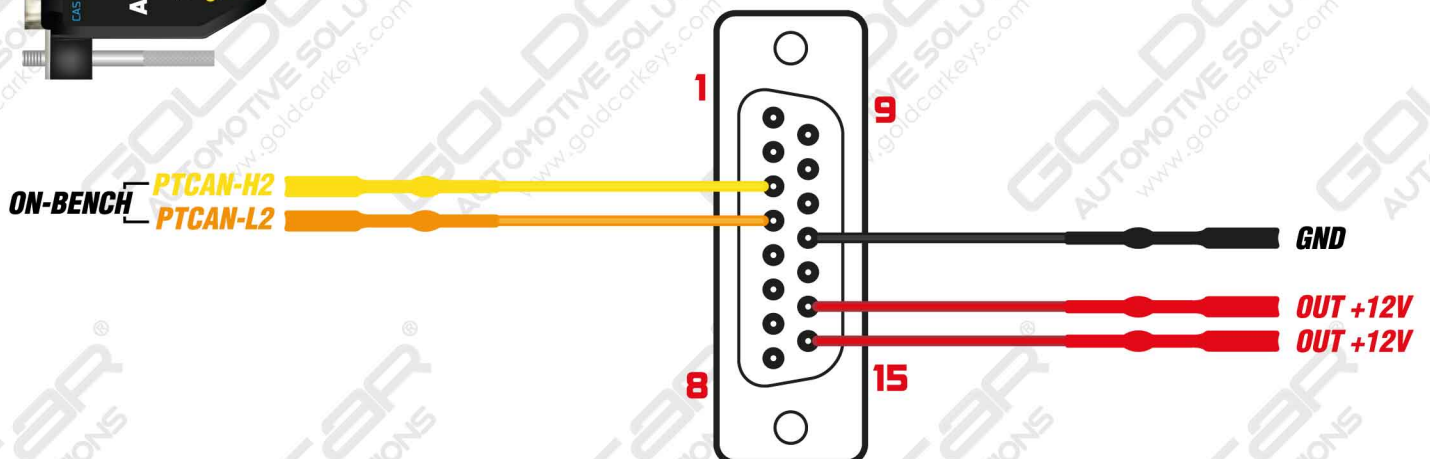
MODUL 5, 04: Out +12V
MODUL 1, 48: Out +12V

MODUL 5, 03: GND

MODUL 1, 41: PT-CAN H
MODUL 1, 42: PT-CAN L



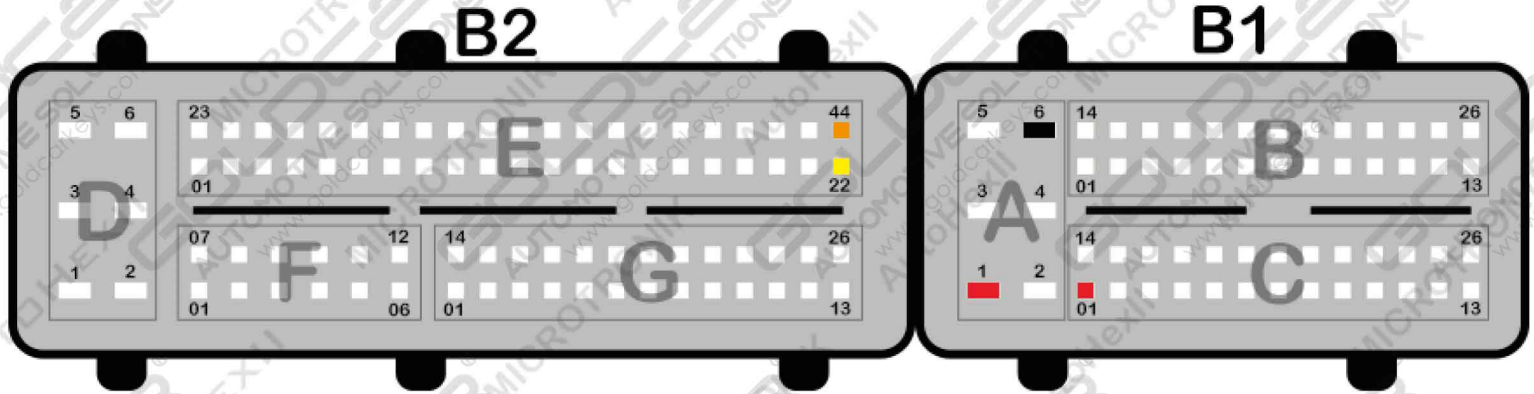
Goldcar AUTOHEX-II Compatible TRICORE Cable



GOLDCAR TRICORE Cable On Bench MSD80 ISN

**AUTOHEX-II ON Bench
Product Manual**

- Autohex-II Software ON-Bench (Please +12V AUTOHEX-II)
- Use bellow wrining to connect HW4 to the DME.
- Autohex-II Software On-Bench MSD8X ISN



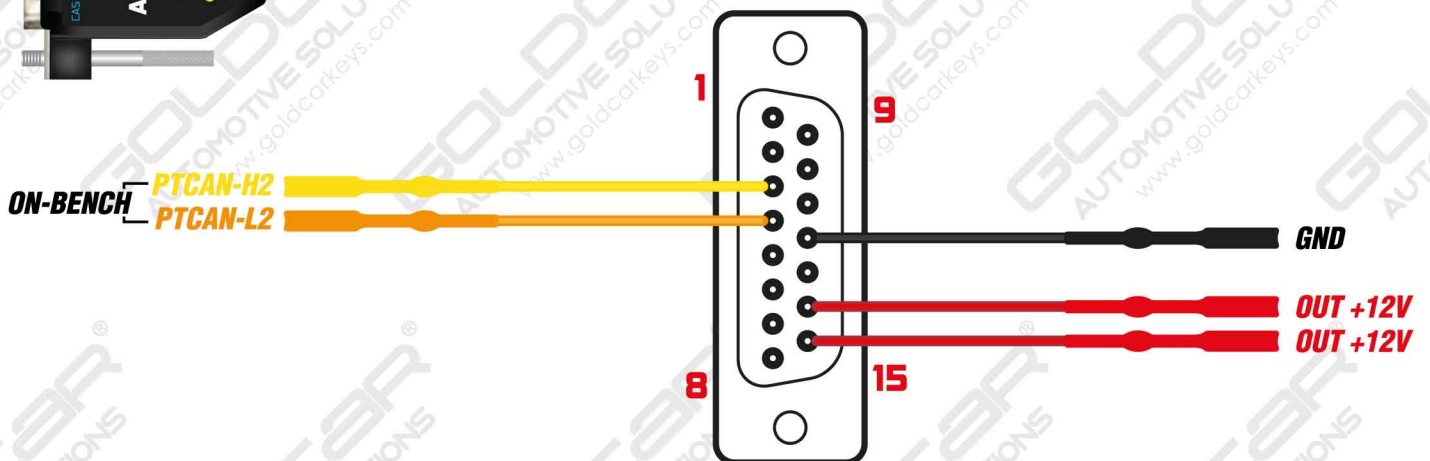
MODUL 1, C01: Out +12V
MODUL 1, A01: Out +12V

MODUL 1, A6: GND

MODUL 2, E22: PT-CAN H
MODUL 2, E44: PT-CAN L



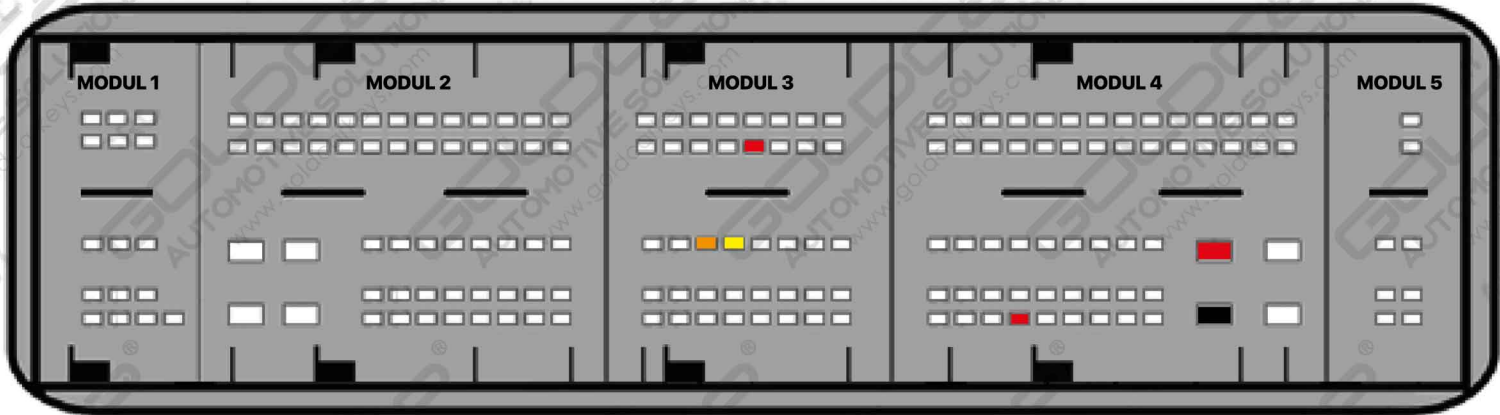
Goldcar AUTOHEX-II Compatible TRICORE Cable



GOLDCAR TRICORE Cable On Bench MSD85 / MSD87 ISN

**AUTOHEX-II ON Bench
Product Manual**

- Autohex-II Software ON-Bench (Please +12V AUTOHEX-II)
- Use bellow wrining to connect HW4 to the DME.
- Autohex-II Software On-Bench MSD8X ISN



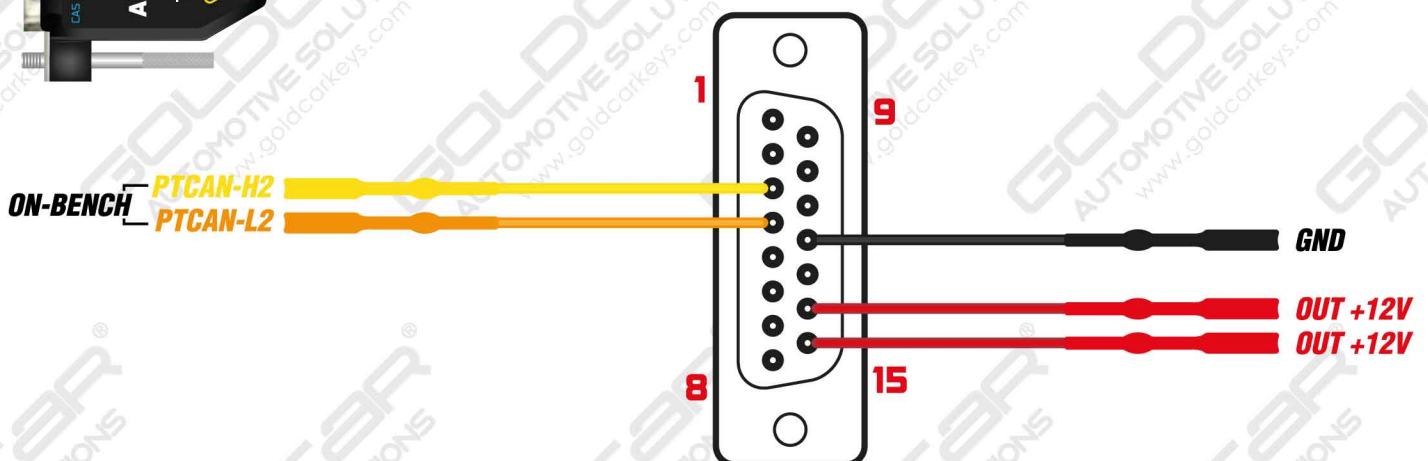
MODUL 3, 13: Out +12V
MODUL 4, 01: Out +12V
MODUL 4, 54: Out +12V

MODUL 4, 03: GND

MODUL 3, 20: PT-CAN H
MODUL 3, 19: PT-CAN L



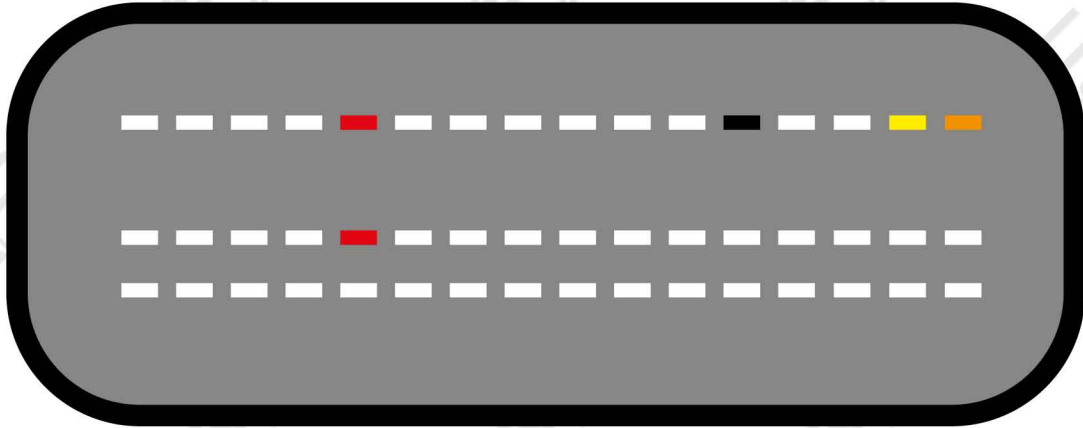
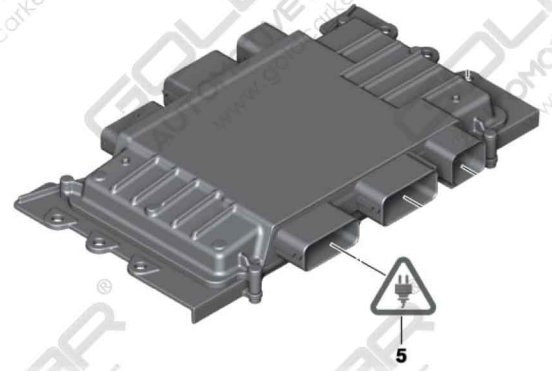
Goldcar AUTOHEX-II Compatible TRICORE Cable



GOLDCAR TRICORE Cable On Bench MSD90 ISN

**AUTOHEX-II ON Bench
Product Manual**

- Autohex-II Software ON-Bench (Please +12V AUTOHEX-II)
- Use bellow wrining to connect HW4 to the DME.
- Autohex-II Software On-Bench MSD8X ISN

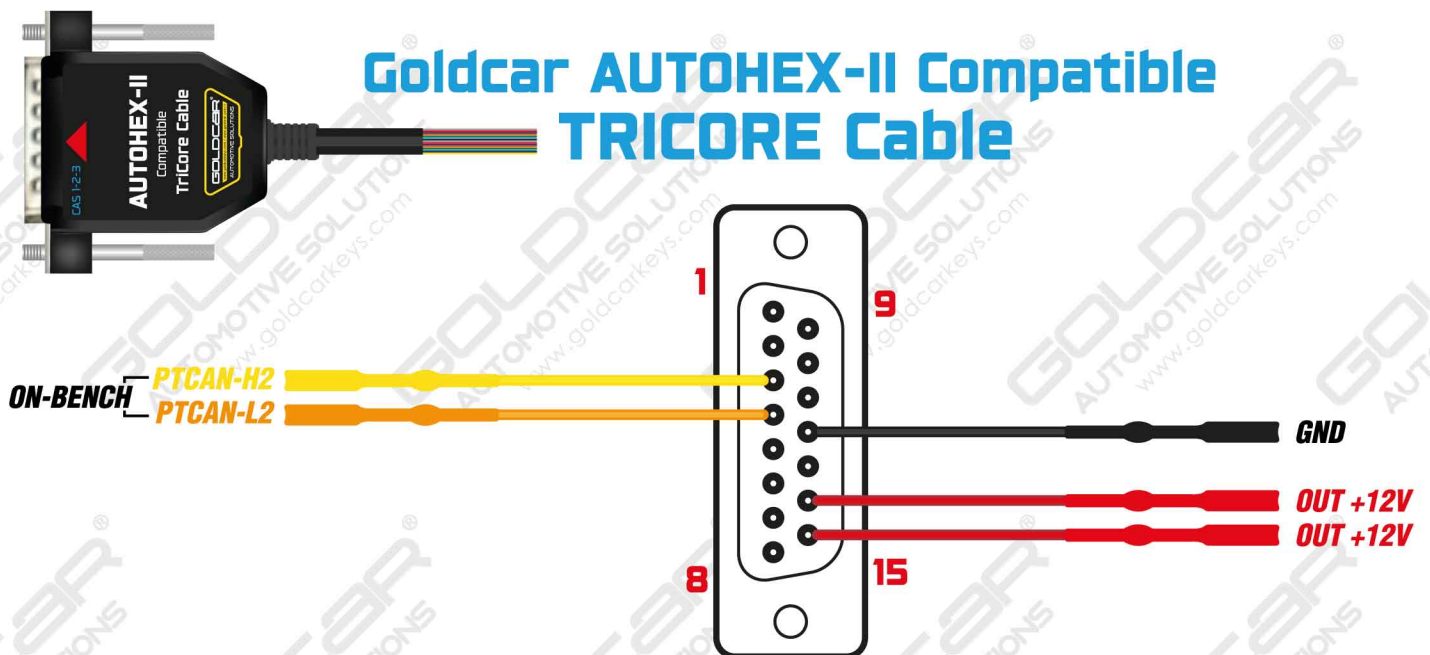


21 : Out +12V
37: Out +12V

44: GND

47: PT-CAN H
48: PT-CAN L

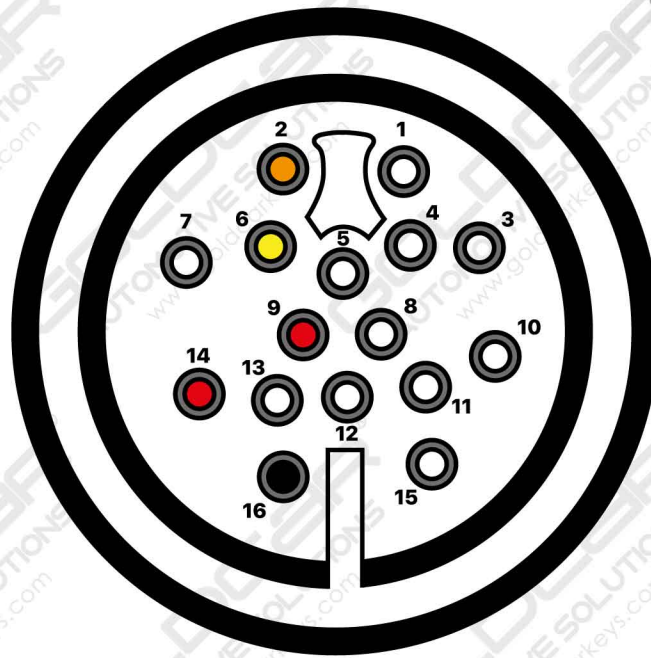
Goldcar AUTOHEX-II Compatible TRICORE Cable



GOLDCAR TRICORE Cable On Bench EWS FOR 6HP

**AUTOHEX-II ON Bench
Product Manual**

- Autohex-II Software ON-Bench (Please +12V AUTOHEX-II)
- Use bellow wrining to connect HW4 to the DME.
- Autohex-II Software On-Bench EGS EWS Reset



14 : Out +12V
9 : Out +12V

16 : GND

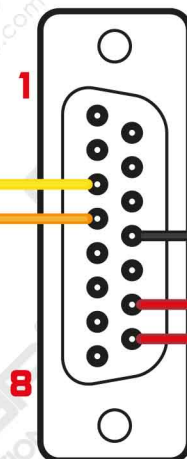
6 : PT-CAN H
2 : PT-CAN L

Goldcar AUTOHEX-II Compatible TRICORE Cable



ON-BENCH

PTCAN-H2
PTCAN-L2



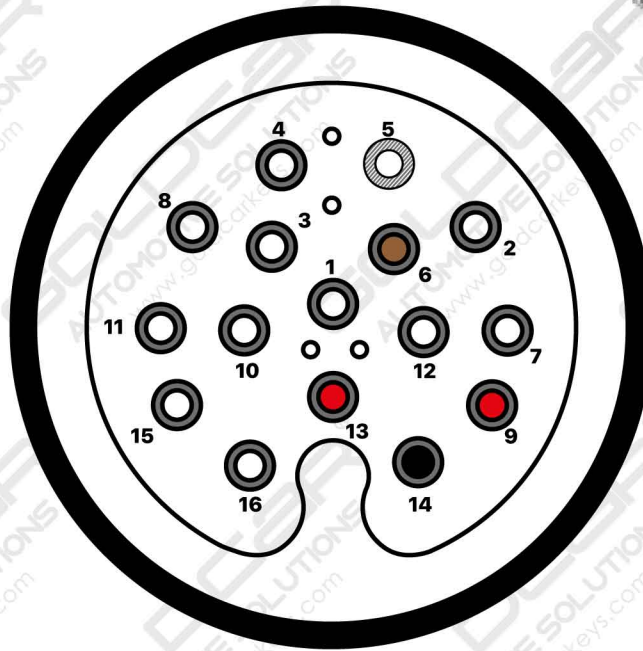
GND

OUT +12V
OUT +12V

GOLDCAR TRICORE Cable On Bench EWS FOR 8HP

**AUTOHEX-II ON Bench
Product Manual**

- Autohex-II Software ON-Bench (Please +12V AUTOHEX-II)
- Use bellow wrining to connect HW4 to the DME.
- Autohex-II Software On-Bench EGS EWS Reset



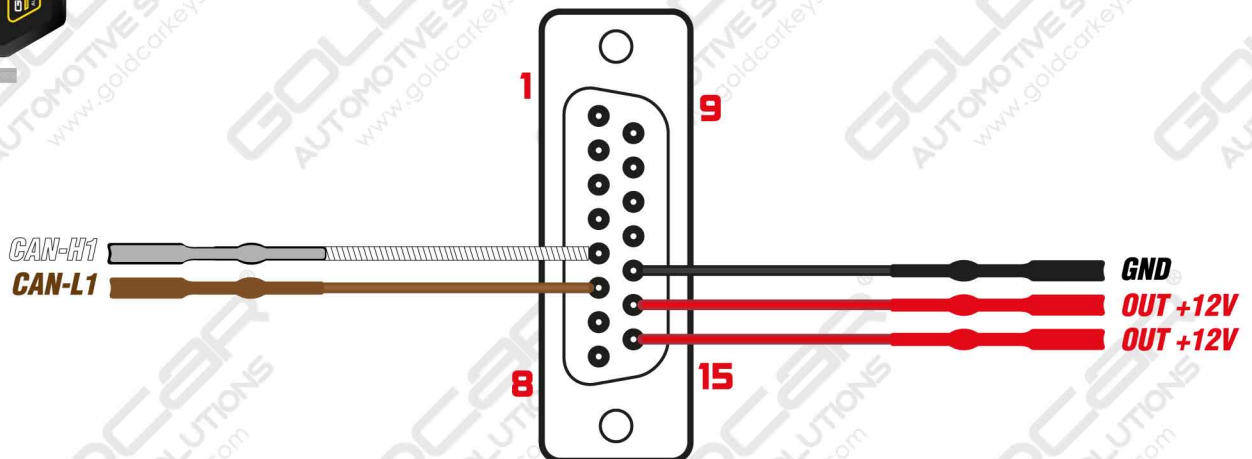
9 : Out +12V
13 : Out +12V

14 : GND

5 : CAN H
6 : CAN L



Goldcar AUTOHEX-II Compatible TRICORE Cable



www.goldcarkeys.com

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AUTOMOTIVE SOLUTIONS

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[/GoldcarAutomotiveSolutions](https://www.youtube.com/GoldcarAutomotiveSolutions)



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