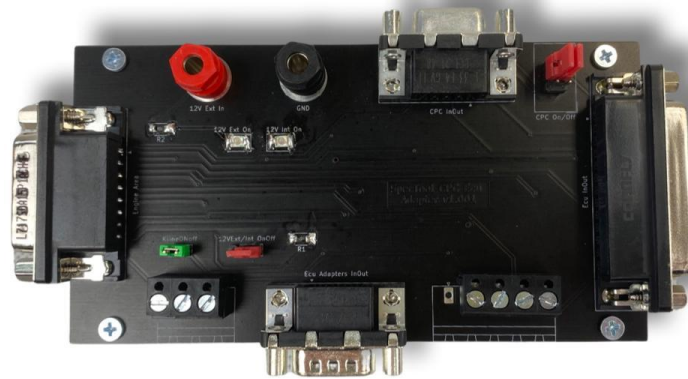# SpecToolV2
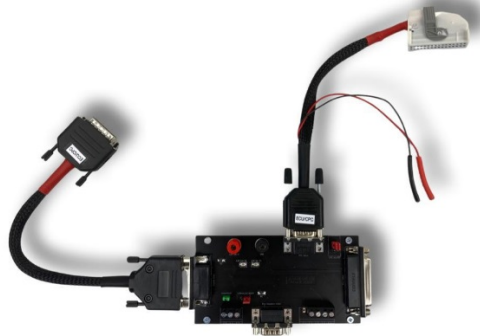
## Connection Engine Area with PCB CPC Ecu Adapter



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# 1. Mbox2 Engine Area to Pcb Cpc Adapter Connection Cable



- Pinout Cabel

| In | Out |
|----|-----|
| 1  | 1   |
| 2  | 2   |
| 3  | 3   |
| 4  | 4   |
| 5  | 5   |
| 6  | 6   |
| 7  | 7   |
| 8  | 8   |
| 9  | 9   |
| 10 | 10  |
| 11 | 11  |
| 12 | 12  |
| 13 | 13  |
| 14 | 14  |
| 15 | 15  |

# 2. CPC Control Unit connection cable



## - Pinout Cabel

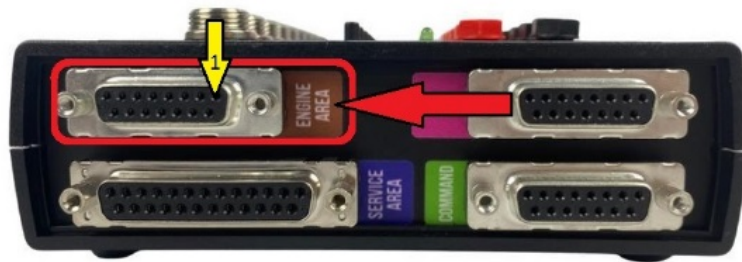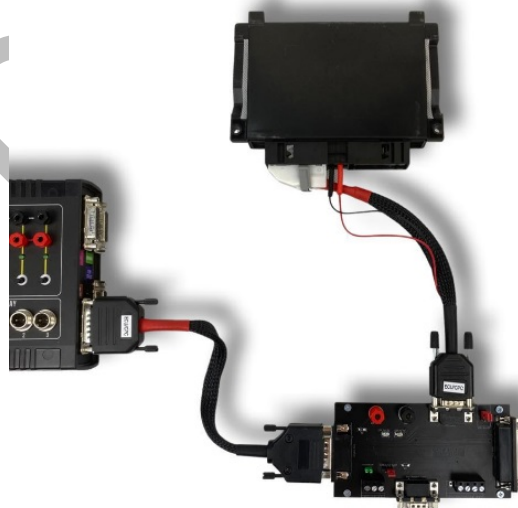| D-Sub 9 | CPC Unit |
|---------|----------|
| 1 | 26 |
| 2 | 10 |
| 3 | 28 |
| 4 | 12 |
| 5 | 18 |
| 6 | 29 |
| 7 | 13 |
| 8 | 27 |
| 9 | 11 |
| 5 - 12V | C3 |
| Case GND | C4 |

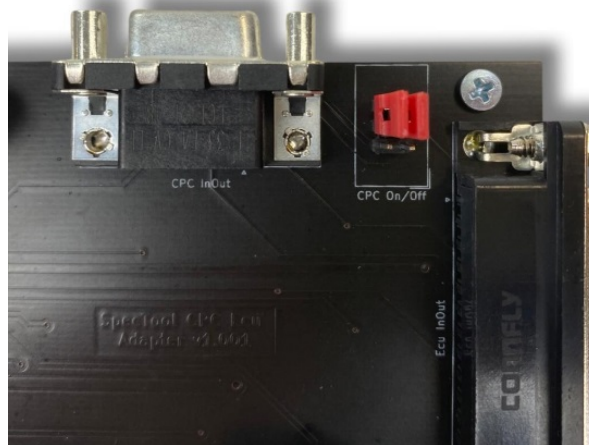## In 32pin CPC plug
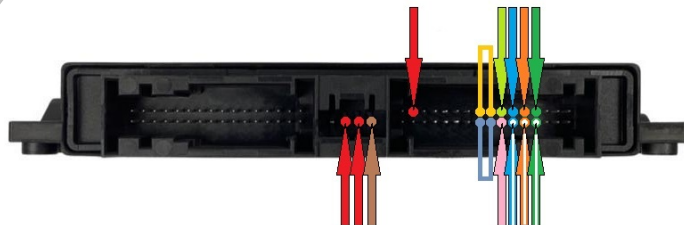


## Pin 8 to 9 Bridge

## Pin 24 to 25 Bridge
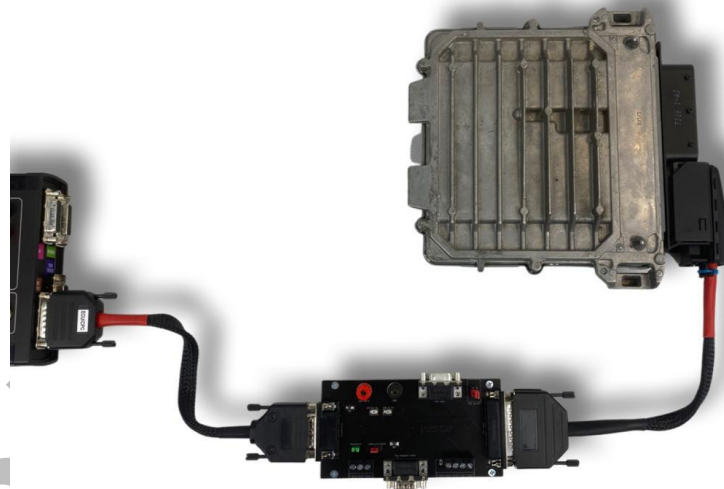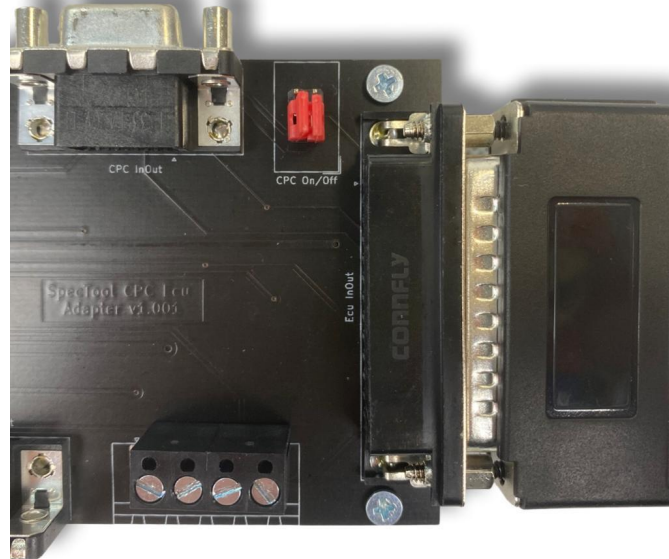
## 3.Engine Area Port



## 4. Diagnostic ECU with CPC Unit

## Jumpers in this position

# 5. Diagnostic ECU without CPC Unit
## (W117, W176, X156, W246)
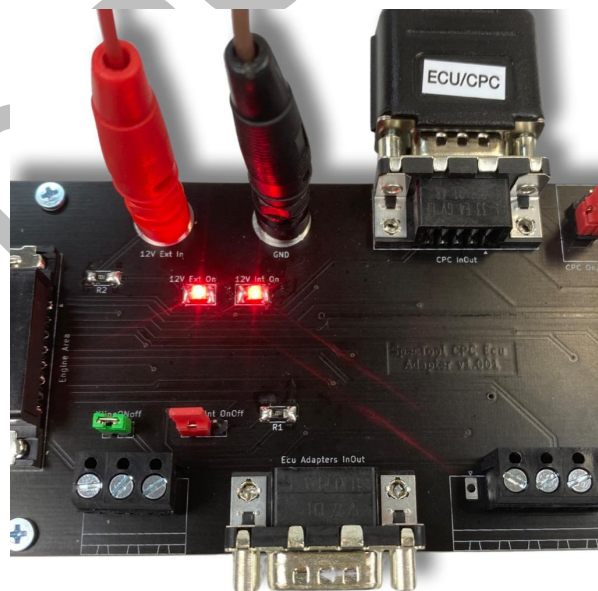## Jumpers in this position

# 6.Externa Power 12V option

## - Internal 12V Power

## Jumper Position
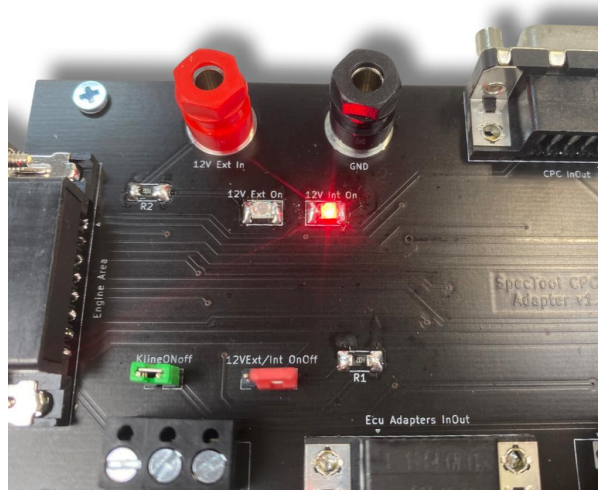


## - External 12V Power

## Jumper Position

# 7. Dsub 25 Pinout
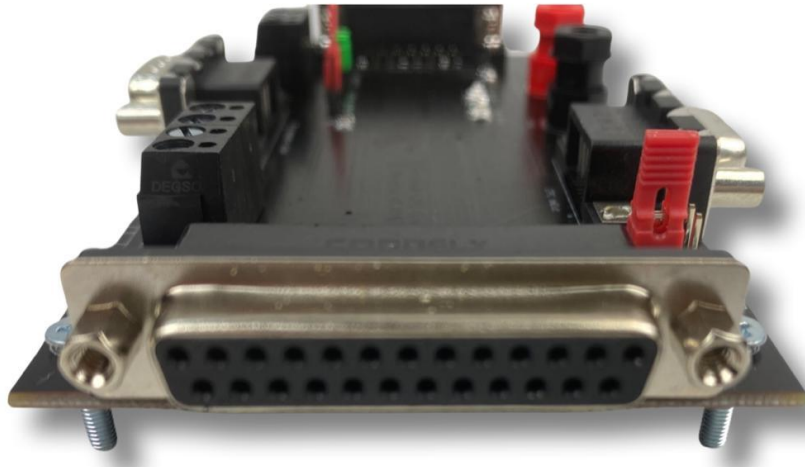


| D-Sub 25 | |
|----------|----------|
| 2 | 12V |
| 3 | 12V |
| 5 | 12V |
| 13 | GND |
| 14 | Green Can H |
| 16 | Blue Can H |
| 17 | Blue Can L |
| 19 | Pink Can L |
| 21 | Pink Can H |
| 24 | Green Can L |

# 8. 58pin Ecu Plug



| D-Sub 25 | ECU PLUG |
|----------|----------|
| 2        | 15       |
| 3        | 16       |
| 5        | 5        |
| 13       | 2        |
| 14       | 41       |
| 16       | 42       |
| 17       | 55       |
| 19       | -        |
| 21       | -        |
| 24       | 54       |

# 9. MRG1 and MRD1 Ecu Plug



| D-Sub 25 | ECU PLUG |
|----------|----------|
| 2        | 7        |
| 3        | 3        |
| 5        | 26       |
| 13       | 2        |
| 14       | 28       |
| 16       | 25       |
| 17       | 24       |
| 19       | 23       |
| 21       | 22       |
| 24       | 27       |

# 10. SID3xx Ecu Plug



| D-Sub 25 | ECU PLUG |
|----------|----------|
| 2 | |
| 3 | G1 |
| 5 | D1 |
| 13 | H4 |
| 14 | A4 |
| 16 | |
| 17 | |
| 19 | |
| 21 | |
| 24 | A3 |