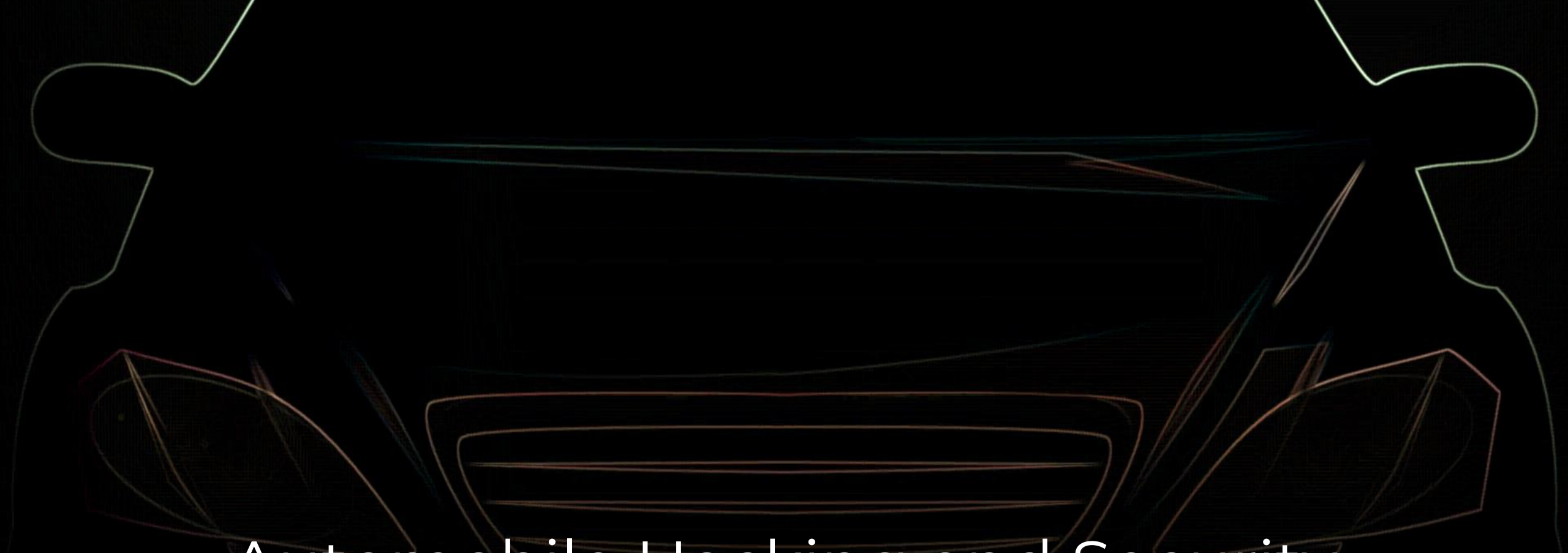
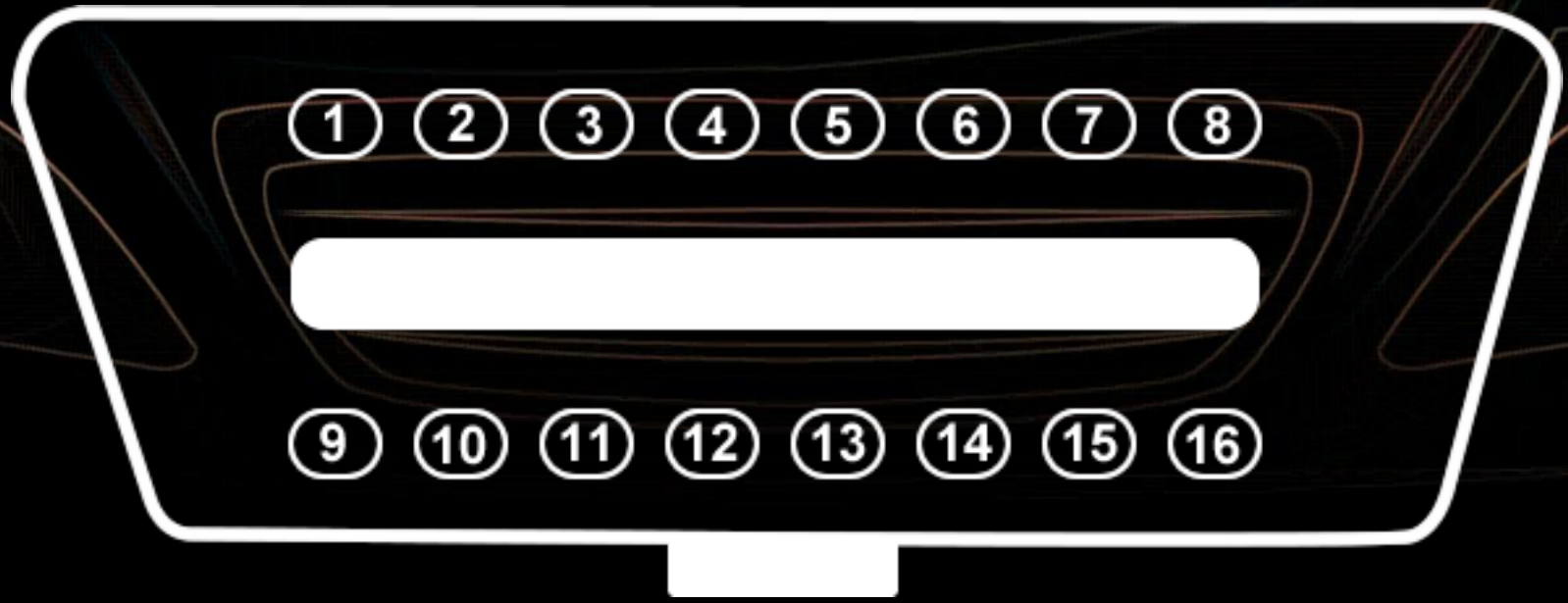


Automobile Hacking and Security

Find vulnerabilities loopholes and security threats in your own vehicle

2.0v

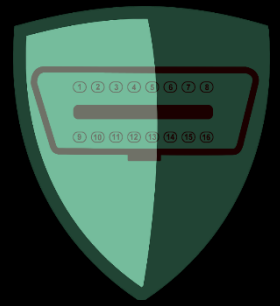
Types of OBD2 Protocols



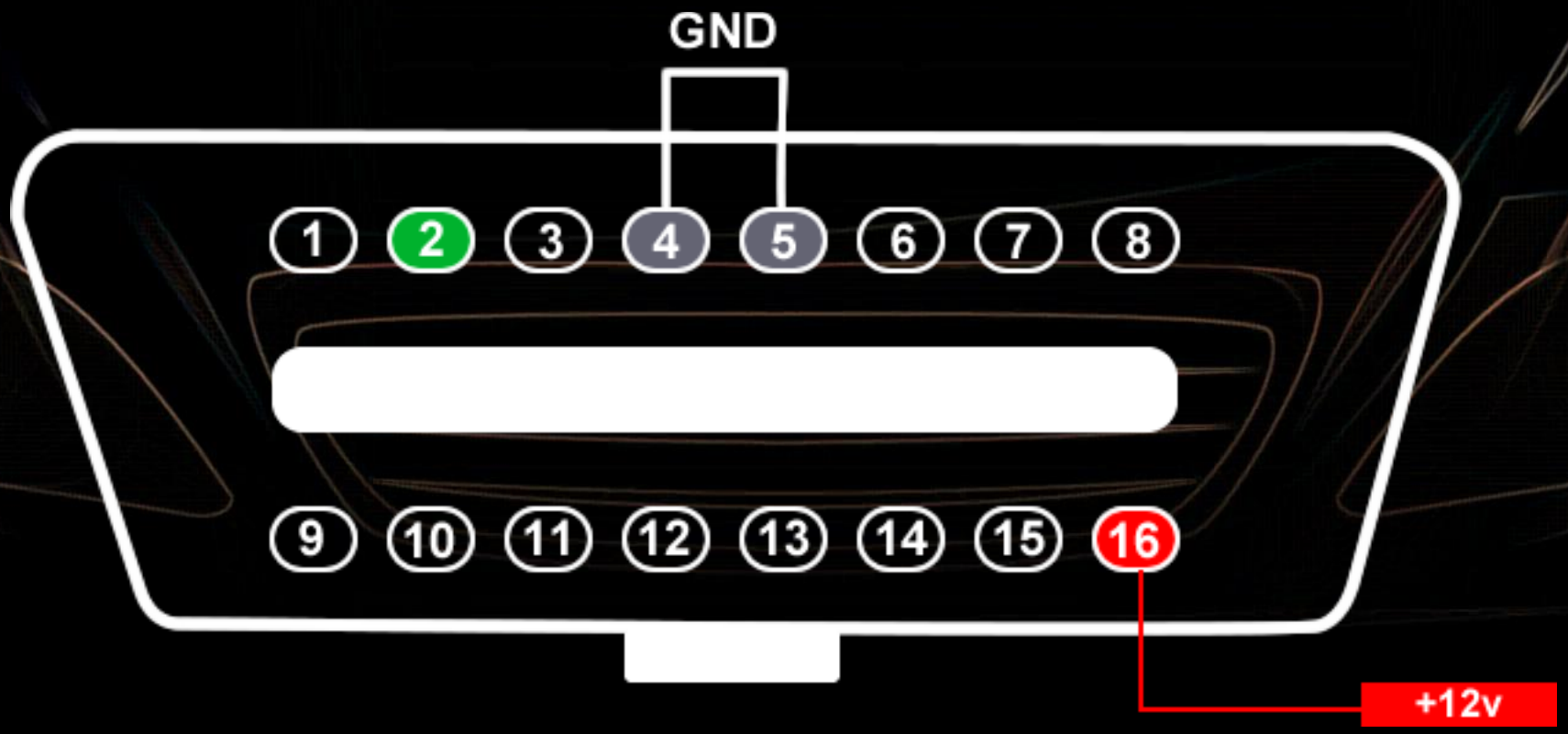
Types of OBD2 Protocols

5 types of OBD2 protocols:

1. SAE J1850
2. SAE J1850 PWM
3. ISO 9141-2
4. ISO 14230
5. ISO 15765-4 (CAN)

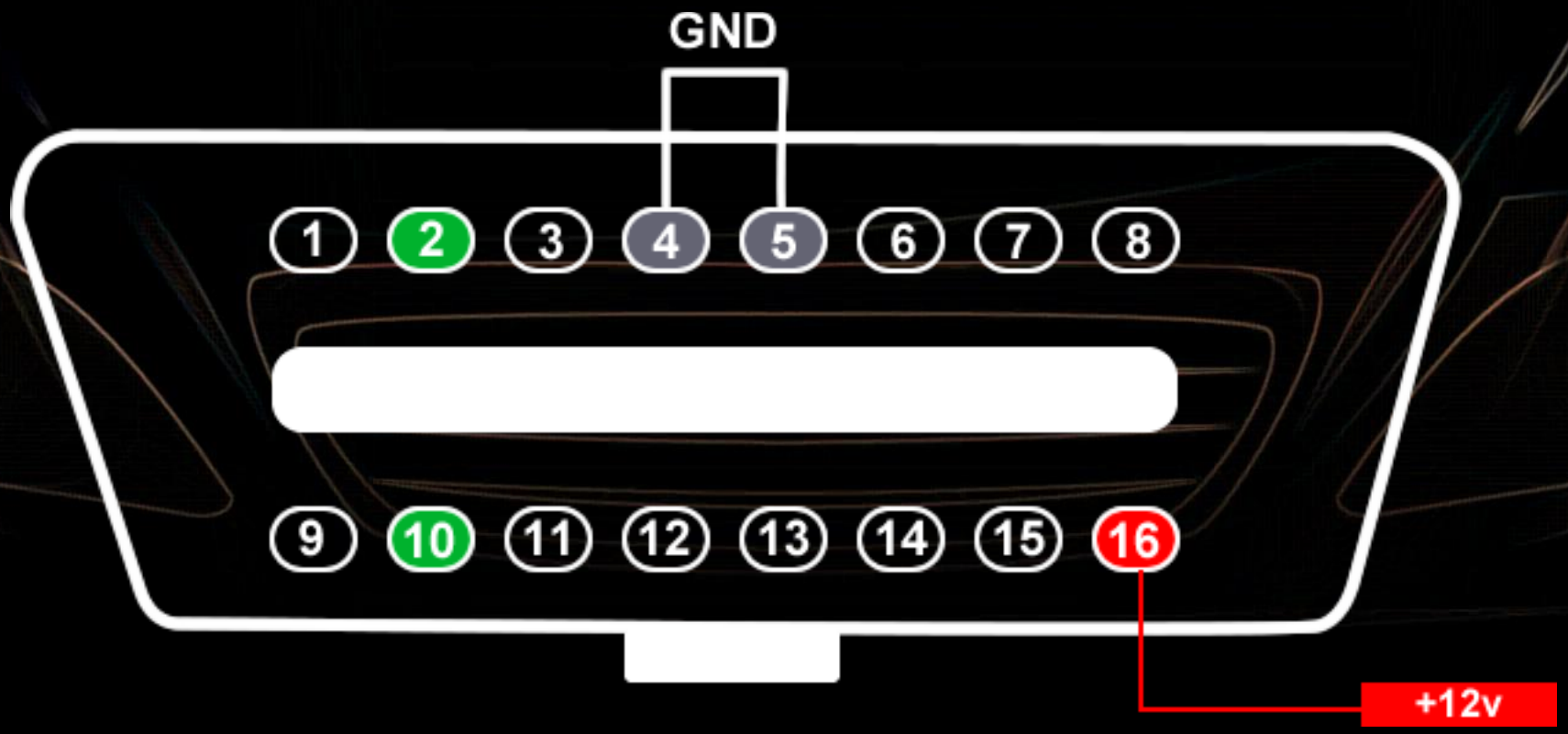


SAE J1850



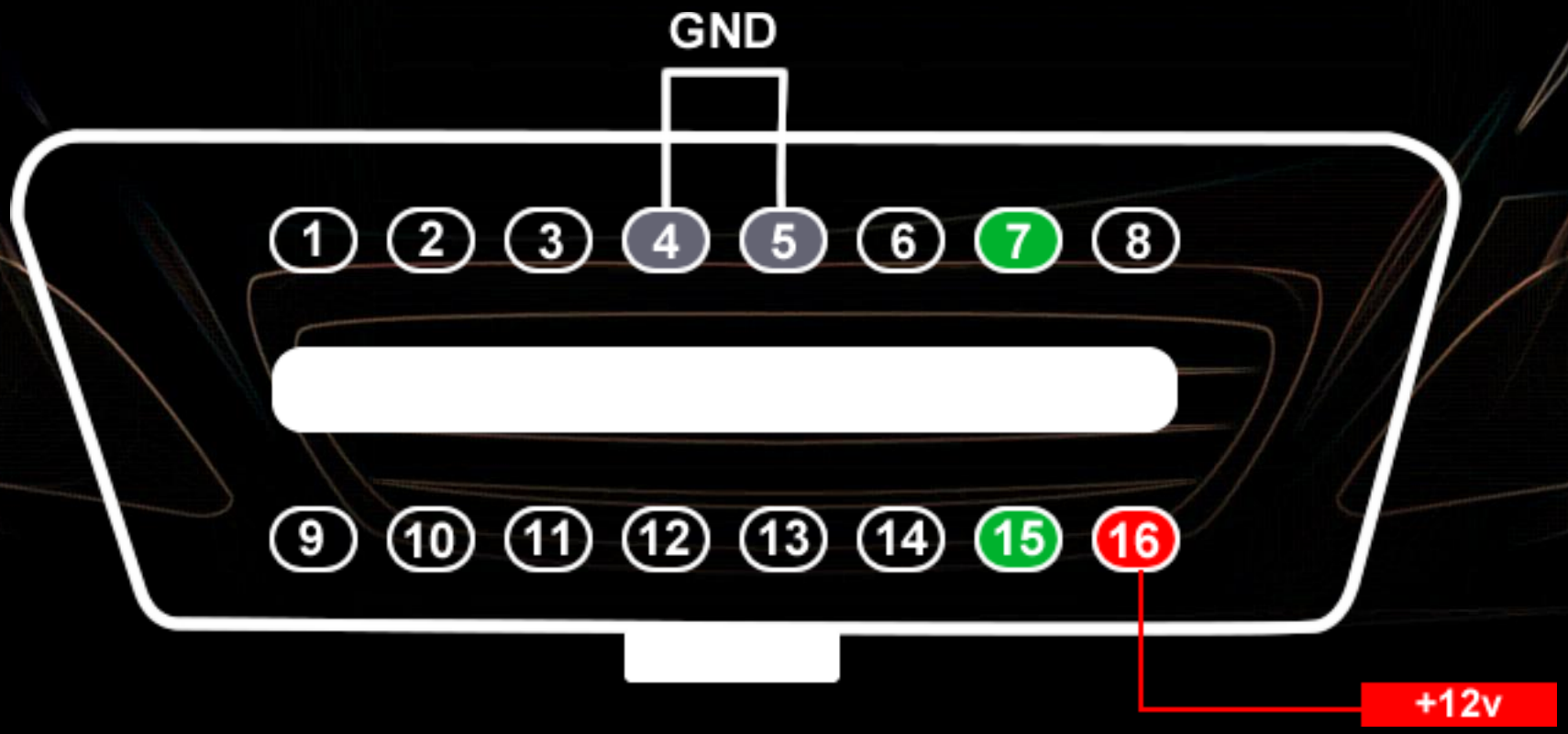
Must utilize pin **2, 4, 5** and **16** But NOT **10**

SAE J1850 PWM



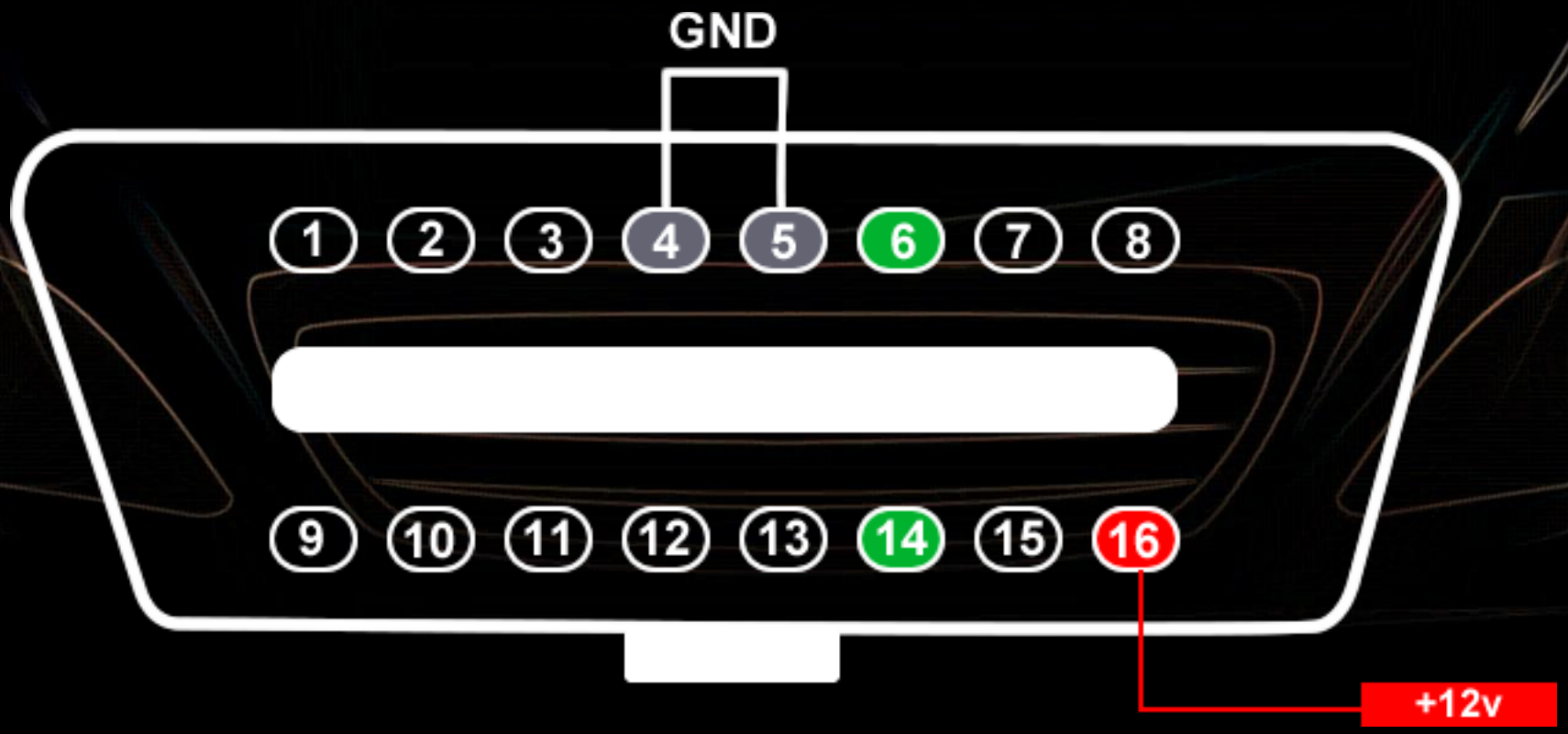
Must use pin **2, 4, 5**, **10** and **16**

ISO 9141-2



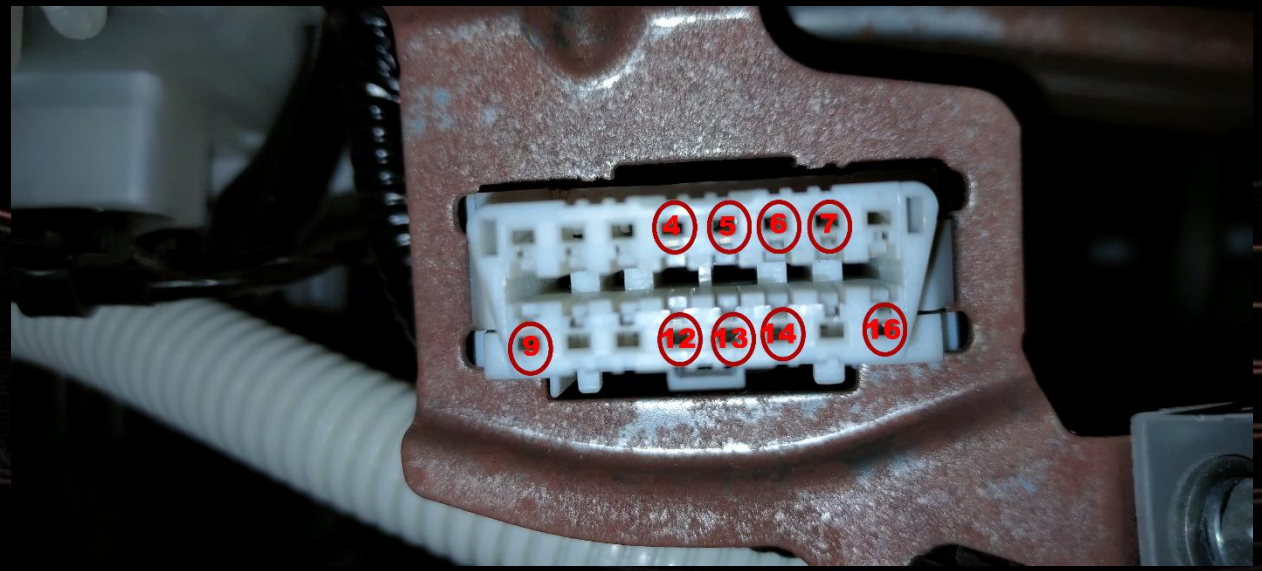
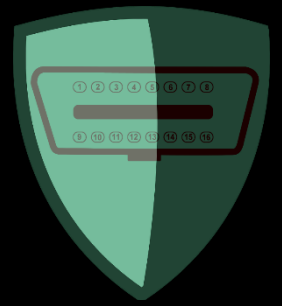
Must use pin **4, 5, 7, 15** and **16**

ISO 15765-4



Must use pin **4, 5**, **6** and **14**

Which OBD Protocol is Supported By My Vehicle?



- SAE J1850
  - Must utilize pin **2, 4, 5** and **16** But NOT **10**
- SAE J1850 PWM
  - Must use pin **2, 4, 5**, **10** and **16**
- ISO 9141-2 and ISO 14230
  - Must use pin **4, 5**, **7, 15** and **16**
- ISO 15765-4
  - Must use pin **4, 5**, **6** and **14**