



## Interpretación data OBDII

### PID´s configurados:

- OBP0;0105
- OBP1;010C
- OBP2;010D
- OBP3;010F
- OBP4;0111
- OBP5;011F
- OBP6;012F
- OBP7;0142
- OBP8;015C
- OBP9;015E

### Link para saber las formulas a aplicar por cada PID:

Wikipedia PID [https://en.wikipedia.org/wiki/OBD-II\\_PIDs](https://en.wikipedia.org/wiki/OBD-II_PIDs)

### Trama que llego al servidor:

OBD:0341057E04410C1E6703410D1C03410F3F0341114C04411F023C0441423705,FUL:  
257#

### Desglose de trama:

- 03 -> OBDII data lenght#1
- 41 -> 01 mode return flag
- 05 -> PID of 01 mode
- 7E -> PID07 data, 01 mode

#### Explicación: OBP0;0105

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**Formula: PID (05) = A-40**

**7E=126**

**126-40=86**

**86°C Engine coolant Temperature**

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- 04 -> OBDII data length#2



41 -> 01 return flag  
 0C -> PID of 01 mode  
 1E67 -> PID0C data, 01 mode

**Explicación: OBP1;010C**  
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**Formula: PID (0C) = (256\*A+B)/4**  
**A=1E**  
**B=67**  
**(256\*30+103)/4 = 1945.75**  
**1945.75 Engine RPM**  
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03 -> OBDII data length#3  
 41 -> 01 mode return flag  
 0D -> PID of 01 mode  
 1C -> PID0D data, 01 mode

**Explicación: OBP2;010D**  
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**Formula: PID (0D) = A**  
**A=1C**  
**28 Vehicle Speed (KM/h)**  
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03 -> OBDII data length#3  
 41 -> 01 mode return flag  
 0F -> PID of 01 mode  
 3F -> PID0F data, 01 mode

**Explicación: OBP3;010F**  
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**Formula: PID (0F) = A-40**  
**A=3F**  
**63 - 40 = -23**  
**23°C Intake Air Temperature**  
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03 -> OBDII data length#3  
41 -> 01 mode return flag  
11 -> PID of 01 mode  
4C -> PID0D data, 01 mode

**Explicación: OBP4;0111**  
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**Formula: PID (11) = (100/255)\*A**  
**A=4C**  
**(100/255)\*76**  
**29.8% Throttle position**  
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04 -> OBDII data length#4  
41 -> 01 mode return flag  
1F -> PID of 01 mode  
023C -> PID0D data, 01 mode

**Explicación: OBP5;011F**  
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**Formula: PID (1F) = 256\*A + B**  
**A = 02**  
**B = 3C**  
**256 \* 2 + 60 = 572s**  
**572s Run time since engine start**  
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04 -> OBDII data length#4  
41 -> 01 mode return flag  
42 -> PID of 01 mode  
3705 -> PID0D data, 01 mode

**Explicación: OBP6;0142**  
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**Formula: PID (42) = (256\*A+B)/1000**  
**A = 37**  
**B = 05**  
**(256\*(37+5))/1000**



**10,752v Control module voltage**

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