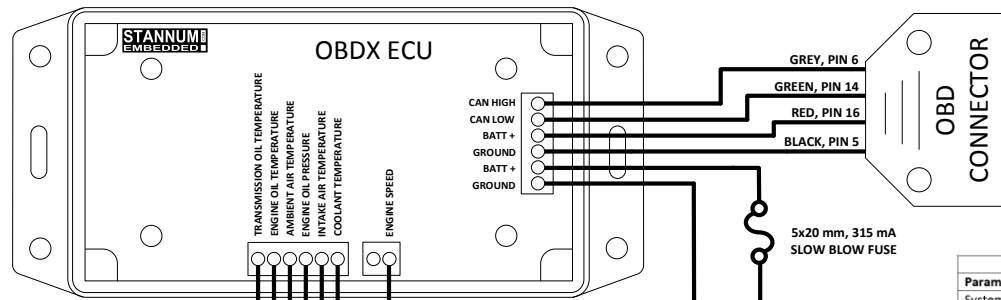
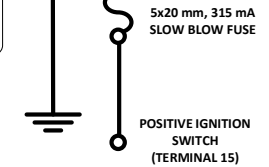


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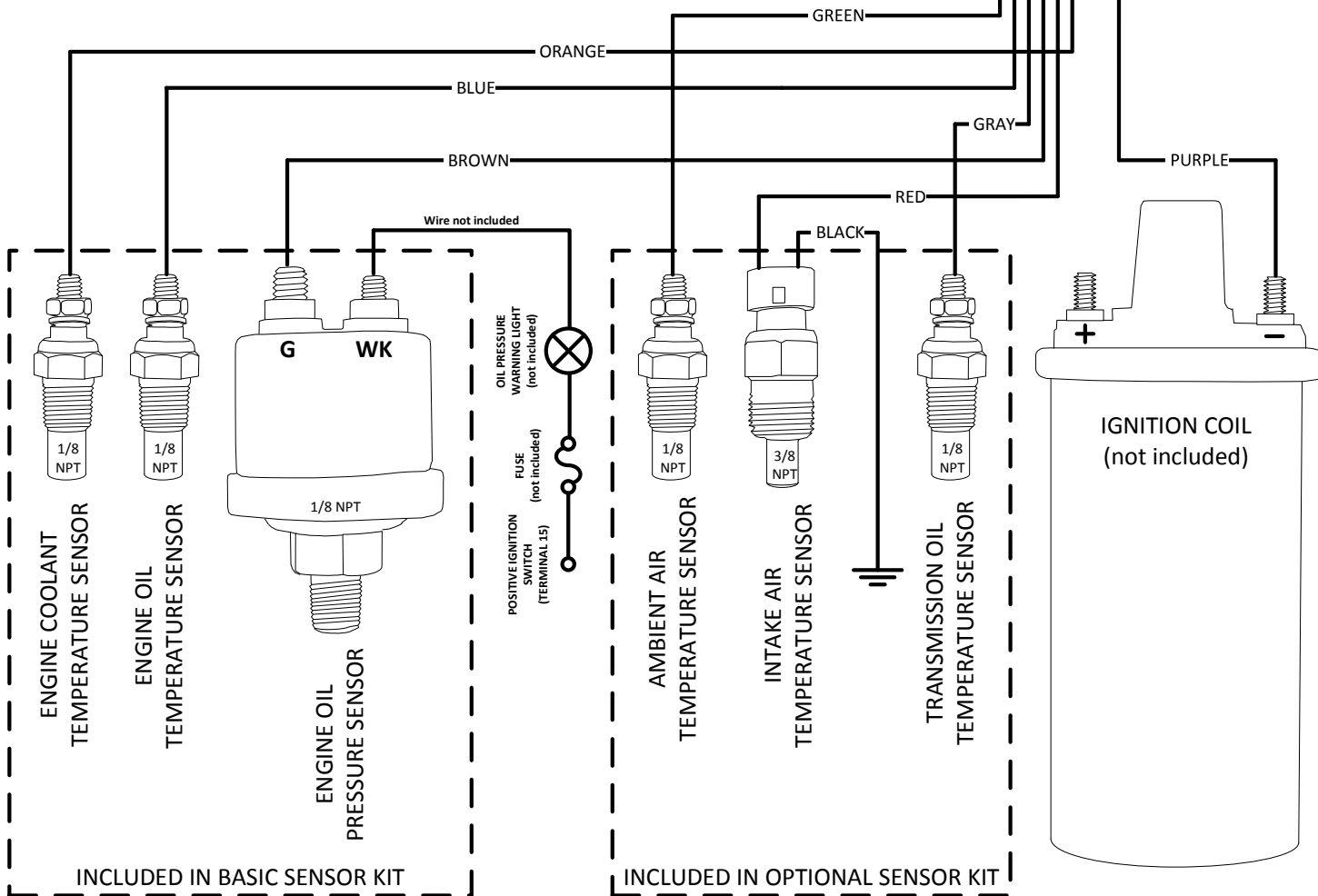


OBDX rev 1.1.1		
Parameter	Value	Unit
System Voltage	12V	V
Maximum Voltage	20.0	V
Minimum Voltage	8.5V	V
Current Consumption	~200	mA



- 3 adjustments must be made in the app to take full advantage of the OBDX system.
- A user defined PID must be specified if the Transmission Oil Temperature sensor shall be used
 - A user defined PID must be specified if the Engine Oil Pressure sensor shall be used
 - A user defined PID specifying the number of cylinders if your engine does not have 8 cylinders

If your engine does not have 8 cylinders, a user defined engine speed PID containing information of the number of cylinders (or cylinders x 2 if your engine is a 2-stroke) must be defined and used at least once every start-up of the system. When the OBDX system detects a request for the user defined Engine Speed PID it will adjust the engine speed calculation and apply it to the standard Engine Speed PID as well. Default number of cylinders is 8 so for an 8 cylinder engine, no user defined Engine Speed PID has to be declared.



OBD Fusion App (available for Android or iPhone)			
Name	Eng Oil Pres	Trans Oil Temp	ESPDX
Description	Engine Oil Pressure	Transmission Oil Temperature	Engine Speed X cyl
Category	Engine	Engine	Engine
Manufacturer	Generic	Generic	Generic
Metric Units	kPa	degC	RPM
Min Value	0	0	0
Max Value	765	210	10000
Module/Header	ALL	ALL	ALL
OBD Mode	01	01	01
PID Number	AA	A9	AX
Priority	Medium	Medium	Medium
Equation	A*3	A-40	(A*256+B)/4

Replace X with the number of cylinders of your engine

OBD Torque App (available for Android)			
OBD2 Mode and PID	01AA	01A9	01AX
Long name	Engine Oil Pressure	Transmission Oil Temperature	Engine Speed X cyl
Short name	Eng Oil Pres	Trans Oil Temp	ESPDX
Category	Engine	Engine	Engine
Min Value	0	0	0
Max Value	765	210	10000
Scale factor	x1	x1	x1
Unit type	kPa	degC	RPM
Equation	A*3	A-40	(A*256+B)/4

Replace X with the number of cylinders of your engine