



Code	Colour
BK	Black
BN	Brown
RD	Red
OG	Orange
YE	Yellow
GN	Green
BU	Blue
VT	Violet
GY	Grey
WH	White
PK	Pink

Des.	Pos.	Description
C35	C 5	Connector, 6-pole
C192	B 5	Connector, 2-pole
C228	D 3	Connector, 2-pole
C292	B 3	Connector, 2-pole
C390	B 4	Connector, 4-pole
E44	C 2	Control unit, EMS
G27	A 6	Ground, frame
G29	B 6	Ground, engine
M1	B 5	Starter motor
M30	B 3	Motor, electrical actuator VGT
P3	B 5	Alternator
T5	D 5	Sensor, oil press, oil temp engine
T33	D 6	Sensor, coolant temperature
T74	D 3	Sensor, engine speed 1
T75	D 4	Sensor, engine speed 2
T110	B 4	Sensor, oil level
T120	B 4	Sensor, turbine speed 1
T123	B 5	Sensor, fan control, fan speed
T124	B 3	Sensor, position EGR 1
T126	D 5	Sensor, massflow, temp
T141	B 4	Sensor, pressure
V2	B 4	Solenoid valve, AC compressor
V107	D 4	Solenoid valves, Block
V120	B 5	Solenoid valve, inlet metering
V124	B 5	Solenoid valve, coolant water pump

Truck option shown  
Option Bus: See sheet 4

XPI 6-cyl: See sheet 2  
XPI 5-cyl: See sheet 3  
Connections to B3 and B4, see COO schematic



Circuit Diagram:  
**EMS, S7, 5-6-cyl**

Drawing No.-  
Sheet-Rev: **1529382-1-23**

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