



Code	Colour	Des.	Pos.	Description
BK	Black	C35	C 5	Connector, 6-pole
BN	Brown	C192	B 5	Connector, 2-pole
RD	Red	C292	B 3	Connector, 2-pole
OG	Orange	C390	B 4	Connector, 4-pole
YE	Yellow	E44	C 2	Control unit, EMS
GN	Green	G27	A 6	Ground, frame
BU	Blue	G29	B 6	Ground, engine
VT	Violet	M1	B 5	Starter motor
GY	Grey	M30	B 3	Motor, electrical actuator VGT
WH	White	P3	B 5	Alternator
PK	Pink	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

Option XPI Injection 6-cyl: See sheet 2
 Option XPI Injection 5-cyl: See sheet 3

Truck option shown
 Option Bus: See sheet 4

SCANIA

Circuit Diagram:

EMS S7, 5/6-cyl

Drawing No.-
Sheet-Rev: **1529382-1-13**

N.B. The copyright and ownership of this drawing including associated computer data are and will remain ours. They must not be copied, used or brought to the attention of any third party without prior permission (C) Scania, Sweden