



Code	Colour	Des.	Pos.	Description
BK	Black	C121	C 2	Connector, 2-pole
BN	Brown	C4000	D 2	Connector, 4-pole, Diagnostics
RD	Red	C4001	B 2	Connector, 8-pole, Interface
OG	Orange	C4003	C 2	Splice, 1-pole, Interface
YE	Yellow	C4004	C 2	Splice, 1-pole, Interface
GN	Green	C4005	C 2	Splice, 1-pole, Interface
BU	Blue	C4006	C 2	Splice, 1-pole, Interface
VT	Violet	C4007	C 4	Connector, 3-pole
GY	Grey	C4008	A 5	Connector, 4-pole
WH	White	E44	C 2	Control unit, EMS
PK	Pink	H15	B 2	Heater, fuel filter
		M1	B 5	Starter motor
		P3	B 6	Alternator
		T5	D 6	Sensor, oil press, oil temp engine
		T8	B 3	Monitor, coolant level
		T33	D 6	Sensor, coolant temperature
		T74	D 3	Sensor, engine speed 1
		T75	D 5	Sensor, engine speed 2
		T110	B 4	Sensor, oil level
		T111	D 3	Sensor, pressure, rail
		T123	B 5	Sensor, fan control, fan speed
		T135	D 5	Sensor, phase
		T4000	D 5	Sensor, pressure, atmosphere
		V109	D 4	Solenoid valve, Wastegate
		V120	B 5	Solenoid valve, inlet metering

Notes!  
 1) See sheet 2 for XPI injection  
 2) For engines with dual alternators see sheet 3.  
 3) For SCR-system see Cir dmg 1764884

**SCANIA**

Circuit Diagram:  
**EMS 8-cyl XPI**

Drawing No.-  
 Sheet-Rev: **1764884-1-8**

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