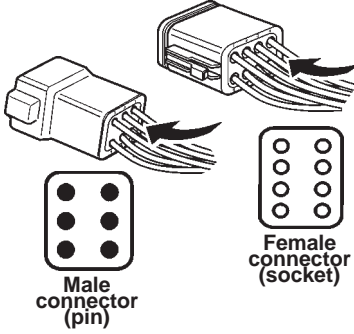


Wiring color and pin-out schematic Electronic Vessel Control EVC^{EC}-C, Volvo Penta IPS

Refer to Installation Manual Publ. No. 7745553 ENG
7745557 GER
7745555 FRE

7745556 SPA
7745558 ITA
7745554 SWE

All connectors (male and female) are wired from cable side



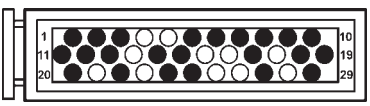
R (red) + (positive)
SB (black) - (negative)

Wire color coding

R	red
W	white
Y	yellow
P	pink
GR	grey
SB	black
BL	blue
LBL	light-blue
OR	orange
BN	brown
LBN	light-brown
GN	green
VO	violet
PU	purple

PCU X3 connector. Wire color and pin configuration.

IPS



Pin cavity no.	Wire color
1	SB/BN
2	SB/W
3	W/GN
4	—
5	SB/W
6	—
7	Y/GR
8	SB/GN
9	BL/BN
10	BL/BN
11	SB
12	R/W
13	R/BN
14	SB
15	W
16	R/GN
17	Y/W
18	BL/GN
19	BL/GN
20	—
21	Y/BN
22	BL
23	R/BL
24	—
25	GN
26	—
27	SB/BL
28	R
29	—

PCU configuration

X2	Green	Data link - EVC bus cable
X3	Pink	Engine and transmission

HCU configuration

X2	Green	Data link - EVC bus cable
X3	Pink	Auxiliary bus - EVC control panel
X4	Grey	Key switch alt. start/stop panel
X5	Yellow	Multi-link - Tachometer/instruments, twin engine synchronisation, EVC display, NMEA-interfaces, autopilot
X7	Blue	Contols
X8	Brown	Steering connection

