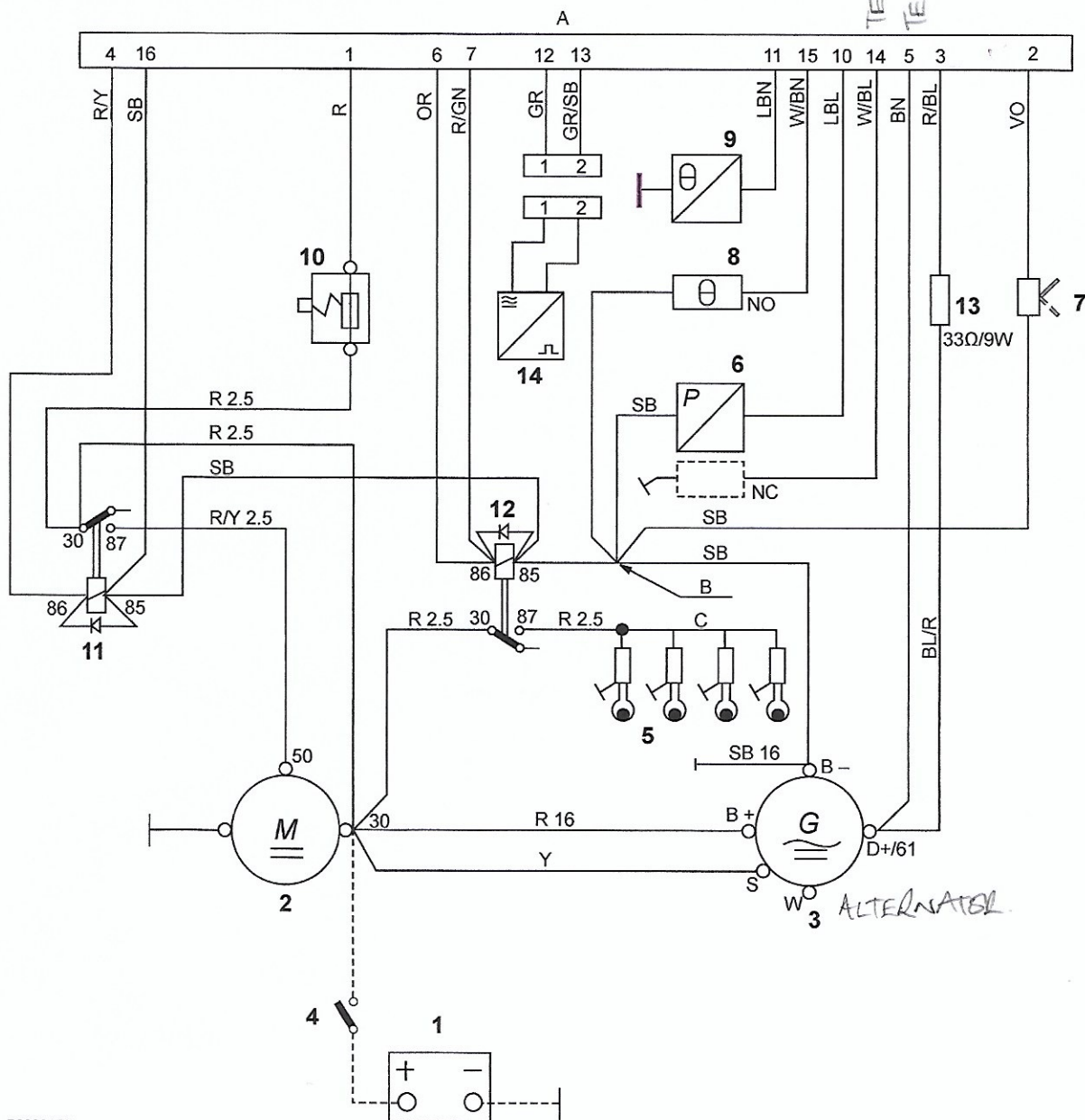


37-0 Wiring Diagrams

Engine

D1-13 A, D1-20 A, D1-30 A, D2-40 A

TERM 4 ELEC UNIT
TERM 1 ELEC UNIT



P0008156

- 1 Battery (orange indication)
- 2 Starter motor
- 3 Alternator
- 4 Main switch
- 5 Glowplugs
- 6 Oil pressure monitor
- 7 Stop solenoid
- 8 Coolant temperature monitor
- 9 Coolant temperature sensor
- 10 Circuit breaker, 16 A
- 11 Start Relay
- 12 Glowplug relay
- 13 Charge sensing resistor, 33 Ohm/9W
- 14 Engine rpm sensor

- A 16-pin connection
B Joint
C Connection plate

Cable colors

BL = Blue	OR = Orange
LBL = Light blue	R = Red
BN = Brown	SB = Black
LBN = Light brown	W = White
GN = Green	Y = Yellow
GR = Gray	

Cable cross section in mm² is indicated after the color code in the wiring diagram.

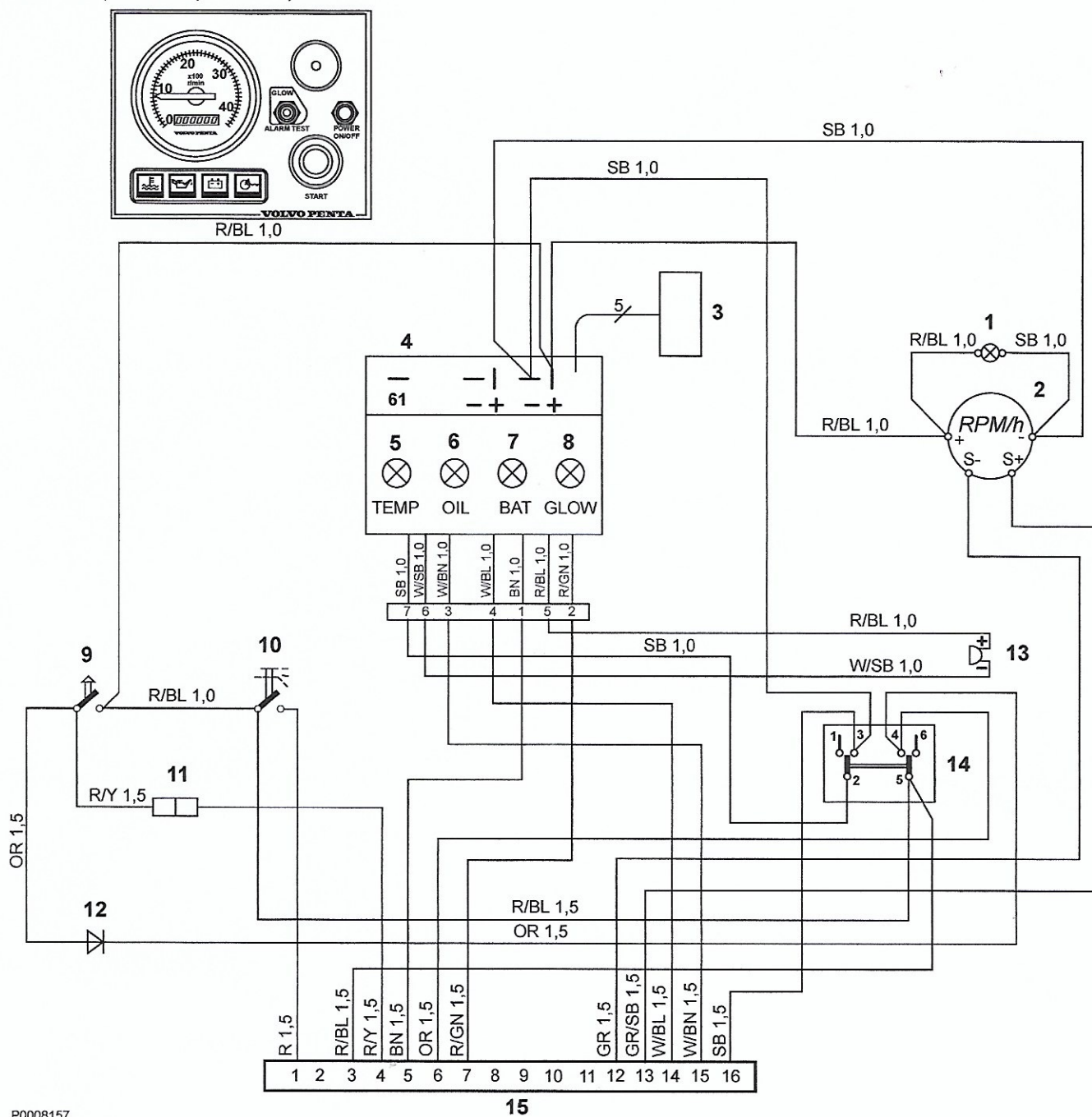
Cable areas not specified = 1.5 mm².

Cables shown with broken lines are not supplied by Volvo Penta.

Instrument Panel, alternative "A" *

* (without key switch)

D1-13 A, D1-20 A, D1-30 A, D2-40 A



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- 1 Instrument lighting
- 2 Tachometer with built-in operating hours counter (extra equip.). Or blanking plug
- 3 Connector for connecting extra warning display (optional equipment)
- 4 Electronic unit (alarm)
- 5 Warning lamp, coolant temperature
- 6 Warning lamp, oil pressure
- 7 Charge warning lamp
- 8 Indication lamp, glow plugs
- 9 Start button
- 10 Press switch. Instrument panel On/Off
- 11 Connector for connecting neutral position switch (extra equip.)
- 12 Semiconductor diode
- 13 Alarm
- 14 Toggle switch. Glow – Alarm test / Acknowledge
- 15 16-pin connection

Cable colors

BL = Blue	PU = Purple
BN = Brown	R = Red
GN = Green	SB = Black
GR = Gray	W = White
OR = Orange	Y = Yellow

Cable cross section in mm² is indicated after the color code in the wiring diagram.