

Injectronics

Remanufactured Automotive Electronics Components

TECHNICAL BULLETIN

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Make: Volvo / Saab / Porsche

Model: LH 2.2

Subject: Pin outs

The following Bosch LH Jetronic system is used for some model Volvo/ Saab/ Porsche cars from 84 to 88

Power: From ignition key – pin 18

Power: From main relay – pin 9 (relay 135)

Grounds: 5, 6, 11, 25

On Volvo vehicles

- Injectors and idle speed valve get their supply from relay 464 which is mounted under bonnet.
- Main relay (no. 135) is possibly mounted under glove box. This relay is a combination relay that also supplies the fuel pump.
- The supply part of this relay is energised by key power. It then supplies power to the ECM pin 9 and also wired to energise relay 464 (injector relay) which supplies power to injectors and idle speed valve (centre pin).
- The pump part of this relay is energised by pin 17.
- Both these relays have been known to have intermittent faults.

14	15	16	17	18	19	20	21	22	23	24	25
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1	2	3	4	5	6	7	8	9	10	11	12	13
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|-------------------------------|------------------------------|
| 1. Trigger dwell | 14 Idle CO |
| 2. Coolant sensor | 15. Train Switch |
| 3. Closed throttle | 16. Air Cond |
| 4. Starter solenoid | 17. Relay Control Ground |
| 5. System ground | 18. Ignition Switch Positive |
| 6. Intake ground | 19. Limp |
| 7. Intake load | 20. Ex Oxygen Sensor |
| 8. Burn off | 21. Relay Control Ground |
| 9. Battery positive via relay | 22. Diagnostic Integer |
| 10. Idle servo pole | 23. Idle Servo Pole |
| 11. Ground | 24 EZK Load |
| 12. Full throttle | 25. Ground |
| 13. Intake stage | |

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