VOLVO 740
1989
Wiring Diagrams

Cl-fuel injection, B200/230 E
Motronic, B200/230ET

1 Battery
2 Ignition switch
4 Ignition coil
9 Starter motor
11 Fuse box
29 Positive terminal
31 Ground panel in electrical distribution unit
71 Start inhibitor switch
80 Thermal time switch
84 Coolant temperature sensor
135 Relay, Motronic
176 CIS control unit

185 Charge air temperature sensor
186 Air flow meter
188 Start injector
210 Tank pump
211 Fuel pump 6.5 A
212 Service socket for running starter motor
213 Throttle switch Motronic
214 Crankshaft position sensor
215 Engine speed sensor
216 Control unit Motronic
289 Power stage, Motronic
361-364 Injectors
376 Ballast resistor
464 Radio interference suppression

A Connector, right wheel housing
B Connector, bulkhead
C Connector, bulkhead
D Connector, right wheel housing
E Connector, right A-post
F Connector, left A-post
G Ground point, left wing
H Ground point on inlet manifold
J Connector, left A-post
K Connector, electrical distribution unit
L Connector, left wheel housing
P Ground point, right A-post
Q Ground point in boot
Y Connector, electrical distribution unit

LH-Jetronic 2.2, B230FT

1 Battery
2 Ignition switch
4 Ignition coil
29 Positive terminal
31 Ground point in electrical distribution unit
76 Charge air overpressure switch
84 Coolant temperature sensor
125 Relay, fuel injection
187 Lambda sensor
196 Air control valve
198 Throttle switch
202 Climate unit

210 Tank pump
211 Fuel pump
217 Control unit LH-Jetronic
219 Test point Lambda sensor system
220 Test point CIS-system
260 Ignition system control unit
284 Air mass meter
361–364 Injectors
376 Ballast resistor
464 Relay, radio interference suppression
886 Bridge connector

A Connector, right A-post
B Connector, left A-post
C Connector, right wheel housing
D Connector, right wheel housing
E Connector, left A-post
F Connector, left wheel housing
G Connector, left wheel housing
H Ground point on inlet manifold
J Ground point in boot
K Connector on bulkhead
L Connector, electrical distribution unit
M Ground point, right A-post
N Ground point, right wing
O Connector, boot
P Connector (Japan, Australia)
- Soldered joint

LH-Jetronic 2.4, B230F

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Battery</td>
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<tr>
<td>2</td>
<td>Ignition switch</td>
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<tr>
<td>9</td>
<td>Starter motor</td>
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<td>11</td>
<td>Electrical distribution unit</td>
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<td>29</td>
<td>Positive terminal</td>
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<td>31</td>
<td>Ground point in electrical distribution unit</td>
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<tr>
<td>81</td>
<td>Pressure sensor, AC</td>
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<tr>
<td>84</td>
<td>Coolant temperature sensor</td>
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<td>85</td>
<td>Speedometer</td>
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<tr>
<td>135</td>
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<tr>
<td>187</td>
<td>Lambda sensor</td>
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<td>188</td>
<td>Cold start valve</td>
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<td>196</td>
<td>Air control valve</td>
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<td>198</td>
<td>Throttle switch</td>
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<tr>
<td>200</td>
<td>AC compressor</td>
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<td>202</td>
<td>Climate unit</td>
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<td>Tank pump</td>
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<td>211</td>
<td>Fuel pump</td>
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<tr>
<td>212</td>
<td>Test socket</td>
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<td>217</td>
<td>Control unit LH-Jetronic</td>
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<td>Ignition system control unit</td>
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<tr>
<td>284</td>
<td>Air mass meter</td>
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<td>419</td>
<td>Power stage EZK</td>
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<td>464</td>
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<tr>
<td>472</td>
<td>Control unit, LH Jetronic 2.4</td>
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<tr>
<td>482</td>
<td>Diagnostic socket</td>
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<tr>
<td>886</td>
<td>Bridge connector</td>
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LH-Jetronic 2.4, B234F, B204E

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<tr>
<td>183</td>
<td>Solenoid valve (canister)(B234F)</td>
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<td>187</td>
<td>Lambda sond (B234F)</td>
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- **A**: Connector, right A-post
- **B**: Connector, left A-post
- **C**: Connector, right suspension tower
- **D**: Connector, right suspension tower
- **E**: Connector, left A post
- **F**: Connector, left suspension tower
- **H**: Ground point, inlet manifold
- **J**: Ground point in boot
- **K**: Connector at bulkhead
- **L**: Connector in electrical distribution unit
- **M**: Ground point, right A-post
- **N**: Ground point, right front wing
- **O**: Connector at bulkhead
- **P**: Connector in electrical distribution unit
- **Q**: Connector, right suspension tower, 1-pole
- **S**: Connector at bulkhead
- **O**: Soldered joint
EZ 116K Ignition system, B230F

1 Battery
2 Ignition switch
4 Ignition coil
5 Distributor
6 Spark plug
11 Fusebox
12 Instrument connection
29 Positive terminal
31 Ground rail in electrical distribution unit
84 Temperature sensor
198 Throttle switch
218 Knock sensor
260 Control unit, ignition system
276 EGR converter (USA, California)
413 Impulse sensor
419 Power stage
472 Control unit, fuel system
482 Diagnostic socket

A Connector, right A-post
B Connector, left A-post
C Connector, left suspension tower
D Ground point, inlet manifold
E Connector at bulkhead
F Connector, left suspension tower
G Connector, right suspension tower
H Connector, left suspension tower
J Connector, left suspension tower, 2-pole (moisture sealed)
EZ 116K Ignition system, B234F, B204E

1 Battery
2 Ignition switch
4 Ignition coil
5 Distributor
6 Spark plug
11 Fusebox
29 Positive terminal
31 Ground rail in electrical distribution unit
84 Temperature sensor
86 Tachometer
198 Throttle switch
218 Knock sensor
260 Control unit, ignition system
413 Impulse sensor
419 Power stage
472 Control unit, fuel system
482 Diagnostic socket

A Connector, right A–post
B Connector, left A–post
C Connector, left suspension tower
D Ground point, inlet manifold
E Connector at bulkhead
F Connector, left suspension tower
G Connector, right suspension tower
H Connector, left suspension tower
I Ground point, right A–post
K Connector
EZ 117K Ignition system, B230FT

1 Battery 198 Throttle switch
2 Ignition switch 200 AC compressor solenoid
4 Ignition coil 202 Climate control panel
5 Distributor 217 Fuel system control unit
6 Spark plug 218 Knock sensor
11 Fusebox 260 Control unit
29 Positive terminal 267 Test socket
81 AC pressure sensor 293 Relay, idle speed compensation
86 Tachometer 419 Power stage

A Connector, right A–post
B Connector, left A–post
C Connector, left suspension tower
D Ground, intake manifold
E Connector, right suspension tower
F Connector, left suspension tower
EZ 118K Ignition system, B230K, B200/230E

1 Battery
2 Ignition switch
4 Ignition coil
5 Distributor
6 Spark plug
11 Fuse box
29 Positive terminal
81 AC pressure sensor
84 Temperature sensor (B230K)
86 Tachometer
119 Fuel pump relay
156 Motor, electric cooling fan
198 Throttle switch
200 AC compressor solenoid
202 Climate control panel
217 Control unit LH 2.2
218 Knock sensor
224 Thermostat, electric cooling fan
232 Relay "hot-spot"
260 Control unit
267 Service socket
271 Fuel shut-off valve (solenoid)
272 Microswitch
293 Relay, idle speed compensation
419 Power stage

A Connector, right A–post
B Connector, left A–post
C Connector, left suspension tower
D Ground point, inlet manifold
E Connector, left suspension tower

Engine running
Rex i Ignition system, B234F USA, Federal

1 Battery
2 Ignition switch
5 Distributor
6 Spark plug
11 Fusebox
12 Instrument connection, 12-pole
29 Positive terminal
31 Ground rail in electrical distribution unit
84 Temperature sensor
86 Tachometer
198 Throttle switch
218 Knock sensor
260 Control unit, ignition system
413 Impulse sensor
419 Power stage/ignition coil
472 Control unit, fuel system
482 Diagnostic socket

A Connector, right A-post
B Connector, left A-post
C Connector, left suspension tower, 1-pole
D Ground point, inlet manifold
E Connector at bulkhead
F Connector, left suspension tower
G Connector, right suspension tower
H Connector, left suspension tower
Renix ignition system, B200K