ECU Multi-plug

```
25 24 23 22 21 20 19 18 17 16 15 14
13 12 11 10  9  8  7  6  5  4  3  2  1
```

Wiring Diagram

A2 Fuel injection control unit (ECU)

```
1  — S1:50/rt sw
2  — B72/vi
3  — K20:85/vi sw
6  — br ws
8  — E13 (B11): +/rt ge
10 — B24/br ws
11 — R65/rt bl
12 — br ge
13 — C1: -/br
14 — K46:87/sw ge
17 — R65/bl sw
   — B30/bl sw
18 — E13 (B11):o/gn ws
21 — B30/br rt
23 — K46:86/sw ws
25 — A4:6/sw gn
```
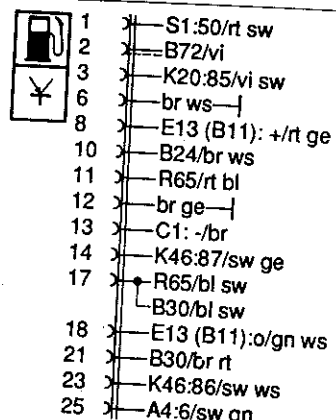
A4 Ignition control unit (ECU)
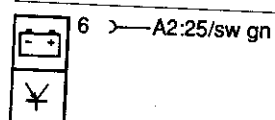
```
6 — A2:25/sw gn
```

B24 Coolant temperature sensor

```
— A2:10/br bl
— br ws
```

B30 Air flow sensor

```
— A2:17/bl sw
— R65/bl sw
— A2:21/br rt
— br ws
```

B72 Lambda sensor

```
λ — A2:2/vi
  — br
  — C1: -/br
  — K20:87/rt ge
```

C1 Battery

```
+ — K46:30/rt
  — K20:3/rt
-  — K46:85/br
   — A2:13/br
   — br
```
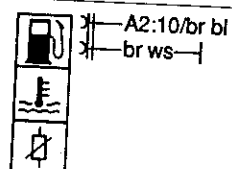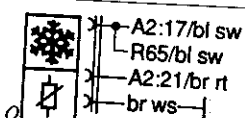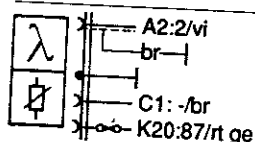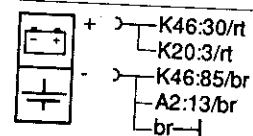
E13 Distributor
B11 Hall effect pick-up

```
o — A2:18/gn ws
+ — A2:8/rt ge
  — br ws
```

K20 Fuel pump relay

```
30 — C1: +/rt
85 — A2:3/vi sw
86 — K46:87/sw
87 — M12/rt ge
   — R53/rt ge
   — Y15/rt ge->-bl ge
   — Y3/rt ge
```
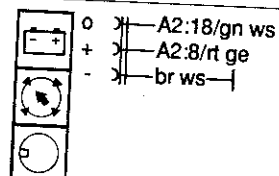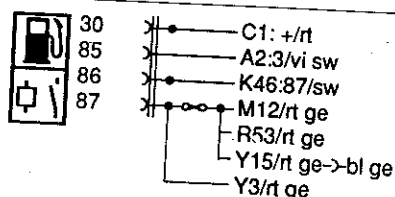
K46 Fuel injection relay

```
30 — C1: +/rt
85 — C1: -/br
   — R53/br
87 — S1:15/sw
   — K20:86/sw
86 — A2:23/sw ws
87 — A2:14/sw ge
```

M12 Fuel pump

```
— K20:87/rt ge
— br
```
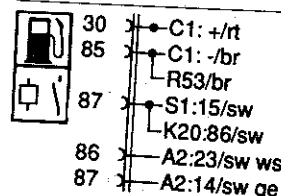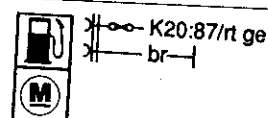
R65 Throttle potentiometer

```
— A2:17/bl sw
— B30/bl sw
— A2:11/rt bl
— br ws
```

S1 Ignition switch

```
50 — A2:1/rt sw
15 — K46:87/sw
```

Y3 Injector valves

```
Y3:1
Y3:3 — K20:87/rt ge
Y3:4
Y3:2
     — br
```

Y15 Auxiliary air valve

```
— K20:87/rt ge
— br sw
```

Models covered	■ Polo 1,3 G40	
Engine code		1991-94
Injection system		PY
Fault finding		VAG Digifant
		Trouble shooter 1
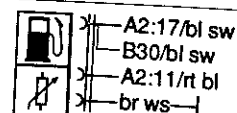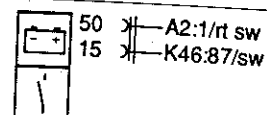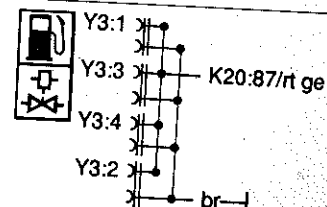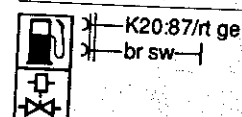
Fuel injection system layout and components
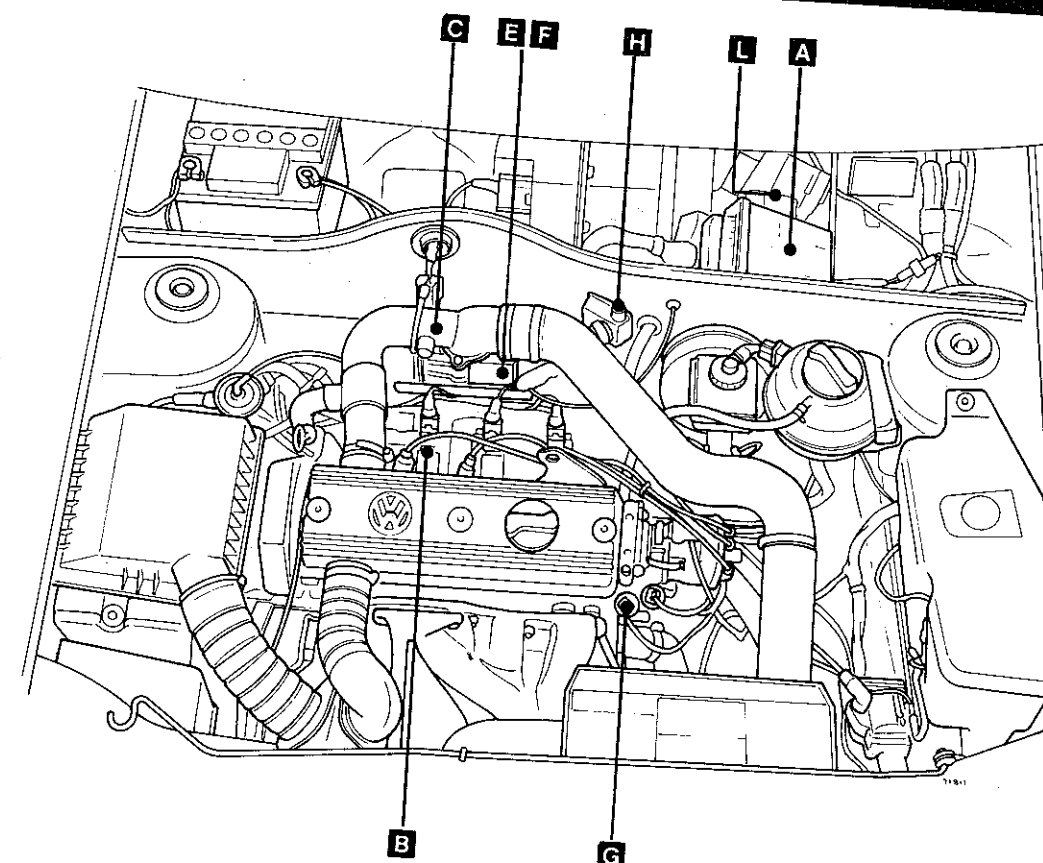
A Electronic control unit (ECU)
B Injector valve
C Throttle body
D Auxiliary air valve - below inlet manifold
E Idle switch
F Full throttle switch
G Coolant temperature sensor
H CO potentiometer
J Fuel pressure regulator
K Lambda sensor
L Fuel pump relay
M Diagnostic socket - in glovebox
N MAP sensor (in ECU)