

Wiring diagram, engine 104 HFM, sheet II
(except (USA) (J)) as of approx. 09/95

A16/1	Knock sensor 1, left	3M	S65	Transmission overload protection switch	25M	Y3/3
A16/2	Knock sensor, 2, right	3M				Y22/6
B2/5	Hot film air mass sensor	24M	T1/1	Double spark ignition coil 1, cylinders 2 and 5 (HFM)	10K	Y32
B11/4	Coolant temperature sensor	5M	T1/2	Double spark ignition coil 2, cylinders 3 and 4 (HFM)	11K	Y49
B17	Intake air temperature sensor	4M	T1/3	Double spark ignition coil 3, cylinders 1 and 6 (HFM)	13K	Y62
F1	Fuse and relay box					Y62y1
F1-28	Fuse 28, terminal 30	19L	U130	Valid for Nordic countries		Y62y2
G3/2	Oxygen sensor upstream of KAT	27M	W11	Ground, engine (connection point for ground wires)		Y62y3
		29M				Y62y4
G3/2x1	Plug connection, oxygen sensor upstream of KAT	27I	W16/3	Ground, component compartment, left, power ground		Y62y5
K17	Air injection relay	20M				Y62y6
L5	Crankshaft position sensor	1M	W16/4	Ground, component compartment, right, power ground		Z2
L5/1	Camshaft position sensor	2M				Z3
M16/6	Idle speed control (LLR) actuator	17M	W16/5	Ground, component compartment, left, electronics ground		Z9
M16/6m1	Servo motor	17L	W16/6	Ground, component compartment, right, electronics ground		Z96
M16/6r1	Throttle valve actual value* potentiometer	17L				
M16/6r2	Drive actual value potentiometer	17K				
M16/6s1	Idle speed contact switch	17K				
M16/6x1	Plug connection, idle speed control (LLR) actuator	16I		Ground without designation, component directly on engine or body		
M33	Electric air pump	22M				
N3/4	Hot film engine management (HFM) control unit	17A	X11/4	Test coupling for diagnosis	35E	
N4/1	Electronic accelerator pedal (EFP)/Tempomat cruise control (TPM)/idle speed control (LLR) control unit	34M	X11/14	Intermediate plug connector, diagnostics/EZL (2- or 4-pin)	34D	
N4/3	Tempomat cruise control (TPM)/idle speed control (LLR) control unit	31M	X11/18	Plug connection, electronic accelerator pedal (EFP)/ body	33I	
N47-1	ASR/PML control unit	34M			31I	
N54	Infrared remote control unit (IFZ)	34M	X12/3	Terminal block, terminal 30/15 unfused (3-pin)	10H	
R4	Spark plugs	11M			19I	
		12M	X26/25	Plug connection, engine/body (24-pin)	20H	
		13M			25I	
			X36/2	Plug connection, fuel pump harness/taillamp harness	33D	

Wiring
Arrang

Y3/3	Shift point retard switchover valve	26M
Y22/6	Resonance intake manifold switchover valve	15M
Y32	Air injection pump switchover valve	22M
Y49	Electromagnetic actuator, adjustable camshaft timing	14M
Y62	Fuel injection valves	7M
Y62y1	Valve, cylinder 1	6M
Y62y2	Valve, cylinder 2	6M
Y62y3	Valve, cylinder 3	7M
Y62y4	Valve, cylinder 4	8M
Y62y5	Valve, cylinder 5	9M
Y62y6	Valve, cylinder 6	9M
Z2	Connector sleeve TD	36D
Z3	Connector sleeve, terminal 15, feed from fuse F3-23	17I
Z9	Connector sleeve, terminal 15u	10H
Z96	Connector sleeve, coolant	5H

**Wire cross sections can differ
from those shown in the wiring
diagram.**

**Phased-in changed cross-
sections are outlined in black.**

**Wiring diagram explanations and notes see Group 00-A
Arrangements/assignment/survey see Group 00-B/00-C**