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## **SENSORS**

- G1 fuel level indicator
- G2 Sensor for coolant temperature indicator (Combi) In one housing with G62
- G3 pointer temp. Cooling liquid
- G5 tachometer
- G6 fuel pump
- G17 Outdoor temperature sensor
- G21 speed indicator (speedometer)
- G22 Sensor speed indicator (speedometer)
- G28 Engine Speed Sensor
- G31 Pump pressure sensor
- G32 coolant level sensor
- G33 washer fluid level sensor
- G34 Brake pad wear sensor, front left
- G37 Brake pad wear sensor, rear right
- G38 Transmission Speed Sensor
- G39? -Probe in front of the exhaust gas catalyst
- G40 Camshaft Position (Angle) Sensor
- G42 intake air temperature sensor
- G44 speed sensor right to the rear
- G45 speed sensor right to the front
- G46 left rear rpm sensor
- G47 forward speed sensor left
- G56 temperature sensor in the air conditioner control panel
- G59 temperature sensor driver's seat
- G60 temperature sensor passenger seat in front

G61 Detonation Combustion Sensor I
G62 Coolant Temperature Sensor Liquid (Motor)
G65 pressure sensor for air conditioning
G66 detonation combustion sensor II
G68 Vehicle Speed Sensor
G69 Throttle potentiometer
G70 Air Mass Flowmeter in Fuel Injection System
G71 Air Inlet Pressure Sensor (Intake Air Temperature)
G72 Intake Air Temperature Sensor (Intake Air Temperature)
G76 vehicle level sensor, rear left
G78 car level sensor, front left
G79 Accelerator Pedal Position Sensor
G80 The needle travel sensor (spray nozzle)

G92 position sensor of the motor for controlling the mixing (temperature) damper

G143 Position sensor of the motor for controlling the flap for fresh and circulating air

G81 Fuel Temperature Sensor

G85 Steering angle sensor

G83 Coolant Temperature Sensor

G93 oil temperature sensor in gearbox

G149 Control Valve Position Sensor

G182 Drive shaft speed sensor

G186 / V60 Throttle Actuator

G130? -Probe behind the exhaust gas catalyst

G163 Sensor (angular) of the distribution. Vala

G185 sensor -2- positions of the fuel pedal

G187 / G127 The first throttle position sensor

G191 intake air temperature sensor, in the middle

G188 Second Throttle Position Sensor

G179 Airbag side impact airbag impact sensor for driver

G180 "Airbag" side impact airbag impact sensor for right front seat

G192 air temperature sensor in the leg room
G`195 Shaft Rotational Speed Sensor
G200 transverse acceleration sensor, under the driver's seat
G201 brake fluid pressure sender -1-, on the hydraulic unit
G202 sensor (instantaneous) angular yaw rate (longitudinal) of the car, under the driver's seat
G203 Parktronic sensor, left rear
G204 Parktronic sensor, left rear, medium
G205 Sensor Parktronic, right rear, medium
G206 Parktronic sensor, right rear
G212 potentiometer for exhaust gas recirculation
G250 power steering sensor
G263 Evaporator Temperature Sensor
G266 Oil level and temperature sensor
G267 rotary knob for temperature control, potentiometer
G273 Surveillance sensor for interior space
G397 rain and light sensor
CONTROL UNITS AND RELAYS:
J9 rear window heating relay
J17 Fuel Pump Relay
J31 relay-off. Double stroke of wiper blades
J39 lighthouse relay
J52 relay of glow plugs
J59 contact relay for contact X
J104 Used "ABS / ABS" with "EDS" and "ASR"
J105 Hydraulic Pump Relay ABS
J106 Relay Valve ABS
J110 used central locking system for doors

J119 multifunctional pointer

J131 Used Heated Seat Driver

J126 used fresh air fan

J132 used passenger seat heating in front

J136 used electrically-operated seat with memory, under the driver's seat

J162 second-hand heating

J166 Amplifier for lighting

J207 the relay of blocking of a starter

J217 Used Automatic Transmission

J218 Used dash panel

Used J220 system "Motronic"

J234 Used by the Airbag system

J245 Used electrically-controlled sunroof in the car roof

J248 Used direct injection of diesel fuel

J251 Boo / flap for fresh and circulating air

J255 Used by Climatronic

J271 power relay "Motronic"

J271 Used Automatic Transmission Control. Gearbox

J279 fan relay for additional coolant cooling, stage 1

J285 Used in combined devices (Guttey)

J293 Used fan for extra. cooling

J299 additional air pump relay

J301 Used Air Conditioner

J317 Power Supply Relay

J322 the relay of system of direct injection of fuel of a diesel engine

J329 voltage relay (15), on the central used car

J338 throttle control mechanism

J343 second-hand xenon headlight left

J344 used xenon headlight right

J345 used traction machine

J359 Relay for low heat output

J360 Relay for high heating output

J361 second hand simos

J362 second hand immo

J363 power relay for "Simos"

J368 windshield wiper relay

J386 Used by the driver's door

J387 Used as a front passenger seat door

J388 Used left rear door

J389 Used right rear door

J393 Central used electrical system "Comfort"

J400 Used Windshield Wiper Motor

J401 Used navigation with CD-ROM drive

J412 control unit for telephone maintenance (interface box)

J426 ignition module of the xenon bulb left

J427 ignition module of the xenon bulb right

J431 used by headlight (for rear axle)

J446 Used Park Assist Equipment (Parktronic)

J446 Used Multicool (Multifunction Steering Wheel)

J453 Used Parktronic

J446 Used Haldex (all-wheel drive)

J492 Used power steering

J500 Used Power Steering

J503 used navigation system

J513 fan relay for additional coolant cooling, stage 2

J519 central control unit of the car

J527 used electronic control of an elongated base

J533 data bus (Gateway)

J537 used 4LV

J538 Used Fuel Pump

J560 relay for door signal lamps

J560 used on and off Low beam headlights (Comming home)

J571 used to monitor burnt filaments of incandescent lamps

J643 Fuel Injection Relay

J687 Used 4MV

J729 relay 1 pump washer glass, on the central used car

J703 relay 2 washer pump, on the central used car

J774 Used Heated front seats, Passenger's seat in front

J179 Diesel engine control unit.

WITCHES, SWITCHES AND EL. MOTORS:

E1 light switch

E2 turn signal light

E4 switch headlights and warning lights through headlights

E9 off ventilator for fresh air intake

E19 incl. For parking lamps

E20 potentiometer for lighting switches and instrument panel

E22 off Windscreen wipers

E23 off For front and rear fog lamps

E24 off Driver seat belt warning warning

E34 off Rear window wipers

E35 off Conditioner

E38 Dual Windshield Wiper Control

E39 off To block the electric windows of the rear doors, the driver

E40 off To lock the electric windows of the driver's door, the driver

E43 switch for adjusting the position of mirrors

E45 off for speed controller

E48 switch device to adjust the position of the mirrors (left, right)

E52 off For electric rear window glass

E53 off For blocking the electro-controlled glass of the left rear door, the driver

E54 off For electric rear right-hand window glass

E55 off To lock the right-side rear door electric window, the driver

E81 off For blocking the electrically controlled glass of the front passenger seat, the driver

E86 off Multifunctional Index

E94 off To heat the driver's seat

E95 off For heating the passenger seat in front

E96 seatback adjustment switch, driver's seat

E102 potentiometer for headlamp leveling

E107 off For electric windows, front passenger seat doors

E109 Multifunction Pointer Memory Button

E120 potentiometer for adjusting the angle of inclination of the optical axis of the headlights

E132 switch ASR

E139 regulator of the position of the electric sunroof in the roof

E150 off. To control the c-th center. Lock control, driver

E159 off dampers for fresh and circulating air

E190 emergency off. Memory seats

E204 off Electric motor for opening the fuel filler cap

E209 incl. For front height adjustment, down, driver's seat

E210 incl. For rear height adjustment, up, driver's seat

E211 incl. For rear height adjustment, down, driver's seat

E212 incl. For longitudinal adjustment, forward, driver's seat

E213 incl. For longitudinal adjustment, back, driver's seat

E218 incl. For driver 1, seat memory

E219 incl. For driver 2, seat memory

E220 incl. For driver 3, seat memory

E221 Used steering wheel

E227 button device "Tempomat"

E229 off. For the emergency warning light system

E230 off For heating the rear window

E231 off For heating exterior mirrors

E234 Off For remote opening of the trunk lid

E256 "ASR" / "ESP" switch

F1 off oil pressure switch with hydraulic actuator

F2 door switch off. Illumination in the body in front on the left

F3 door switch off. Illumination in the body in front on the right

F4 off the rear lights

F5 off. Trunk lid lights, tailgate lock

F8 accelerator pedal position sensor (Kick down)

F9 off For parking brake switch

F18 thermal off. coolant fan

F34 warning contact when the brake fluid level drops

F36 off For the clutch pedal

F47 off For the brake pedal

F48 left-hand axle tilt control

F49 right-angle optical axis tilt control

F60 End switch for idle (throttle)

F88 pneumatic power steering amplifier

F96 altitude sensor

F120 warning light switch

F125 multifunction switch

F216 off To disengage the rear fog lamp, in the trailer coupling connector

F218 Off we are the center. in the boot lid lock

F220 driver's door locking unit (switches position – unlocked, door closed)

F221 front passenger seat locking unit (switches position – unlocked, door closed)

F222 left rear door locking block (switches position – unlocked, door closed)

F223 Right Rear Door Locking Unit (switches position – unlocked, door closed)

F231 Elastic sliding ring contact for off. sound signal

F266 engine bonnet switch

F268 off The heating element of the additional resistive electric heater

F319 off Locking the lever finder in P

V1 electric sunroof electric motor in the roof

V5 front windshield washer pump

V7 coolant fan

V11 washer pump

V12 rear window wiper motor

V14 connection (shielding), in the left rear harness behind (CD changer)

V17 electric motor for adjusting the mirror (driver's door)

V25 electric motor for adjusting the position of the mirror (passenger's door of the front seat)

V27 rear right door window motor

V26 Rear left electric window motor

V28 engine for longitudinal adjustment, driver seat

V29 motor for front adjustment, driver's seat

V30 rear engine, driver's seat

V35 coolant fan right

V39 hydraulic pump ABS

V45 motor for adjusting the seat back with memory

V48 left-side optical axis tilt control

V49 tilt control for the right hand side's optical axis

V53 electric motor for c-us center. Controls in the trunk lid

V59 windshield washer pump

V101 additional air pump motor

V 48/49 servomotors for regulation of a corpus luteum

V147 electric motor for electric glass control in the driver's door

V148 electric motor for electric glass control in front passenger seat door

V149 motor for adjusting the mirror (driver's door)

V150 electric motor for adjusting the mirror position (front passenger door)

V155 electric motor for opening the fuel filler cap

V157 throttle valve actuator

V192 vacuum brake pump

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N18 Exhaust Gas Recirculation (EGR) Valve

N24 additional fan resistor for fresh air intake with overheating fuse

N30 valve injector of the 1st cylinder

N31 2-cylinder valve injector

N32 3-cylinder valve injector

N33 4-cylinder valve injector

N70 ignition coil 1 with power end cascade

N75 (electro) magnetic valve to limit the inflation pressure

N79 heating resistance for heating the crankcase crankcase ventilation system

N80 solenoid valve for activated carbon tank

N88 solenoid valve 1

N89 solenoid valve 2

N90 solenoid valve 3

N91 solenoid valve 4

N92 solenoid valve 5

M93 solenoid valve 6

N95 airbag inflator for driver

N99 ABS inlet valve in front right

N100 ABS outlet valve in front right

N101 inlet valve of the ABS device in front left

N102 ABS outlet valve in front left

N108 injection start valve

N109 shut-off fuel valve

N127 ignition coil 2 with end power cascade

N131 airbag inflator for front passenger seat

N133 "ABS" inlet valve behind right

N133 "ABS" inlet valve behind right

N134 "ABS" inlet valve behind the left

N135 ABS outlet valve behind right

N136 ABS outlet valve behind the left

N146 fuel consumption controller

N152 high voltage transformer of the ignition system (ignition distributor panel)

N153 starting device for the pretensioner for the driver

N154 starting device for the pretensioning of the seat belt for the front seat passenger

N166 EDS – overflow valve in front to the right

N167 EDS – exhaust valve in front to the right

N168 EDS – bypass valve in front to the left

N169 EDS – exhaust valve in front to the left

N199 "Airbag" side airbag inflator for driver

N200 Starter airbag for side airbag "Airbag" for front seat passenger

N225 Exhaust Valve "ESP" -1-

N226 Exhaust Valve "ESP" -2-

N227 exhaust valve "ESP" -3-

N228 exhaust valve "ESP" -4-

N239 damper diverter valve in the intake manifold

N240 valve for the injector pump, 1st cylinder

N241 valve for the injector pump, 2nd cylinder

N242 valve for the injector pump, 3rd cylinder

N243 valve for the injector pump, 4th cylinder

N280 air conditioning compressor regulating valve

N291 ignition coil 3 with a power end cascade

N292 ignition coil 4 with final power cascade

N376 magnet for locking out the removed keys, incl.

## CONTROLLING LAMPS, SOUND DEVICES:

K1 headlight range indicator

K2 alternator signaling device

K3 Monitoring of emergency oil pressure

K6 hazard warning light control

K7 Brake system monitoring

K10 Heated rear window monitoring

K13 rear fog lights indicator

K17 front fog lamp

K18 trailer turn signal indicator

K19 Seat Belt Safety Inspection

K28 signaling temp. and coolant level

K29 Preheating control (filament, only on diesel engines)

K32 Check of the maximum permissible wear of the shoe

K38 oil level monitoring

K47 ABS warning light

K60 headlight dimmer

K65 left-hand traffic indicator of direction indicators

K75 Airbag signaling device

K83 Exhaust Gas Warning Lamp

K84 air conditioner control

K86 signaling device ASR

**K92 Steering Control Signal Strengthener** 

K94 right-hand direction indicator lights indicator

K105 Emergency Fuel Monitoring

K106 Monitoring of the liquid level in the washer

K114 dampers switch for fresh and circulating air

K116 open boot lid switch

K117 immobilizer signaling device

K132 Malfunction indicator of the electronic fuel supply system (without fittings, accelerator pedal connections with throttle valve)

K133 Signal s-we are the center. control, in the driver's door

K142 control of the position of the selector lever (selector) P / N

K155 ESP indicator

K161 control of the electromechanical servo amplifier

K166 door opening detector

K170 control of burned candles incandescent lamps

K171 opening control of the hood

K220 head pressure monitoring in pneumatics

H1 bulb for incandescent lamp

H3 Buzzer (warning signal)

H8 Warning buzzer

H12 Warning buzzer with spare power source

N15 Horn Parktronic