

## Volvo S60 S60r S80 2005 Wiring Diagram

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**WIRING DIAGRAM S60/S60R/S80**

TP 3976201

2005

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## List of components 1:4

1/1	Battery	3/118	Climate control switch
2/14	Relay, glow plug unit	3/119	Climate control switch, auto
2/22	Relay, climate control system	3/121	Climate control switch, defroster
2/32	Engine management system main relay	3/122	Climate control switch, ventilation
2/33	Relay, fuel system	3/123	Climate control switch, floor
2/35	Starter motor relay	3/124	Temperature switch, left-hand side
2/64	Auxiliary light (accessory) relay	3/125	Temperature switch, right-hand side
2/90	Relay, windshield wiper, low/high speed	3/126	Driver/Passenger Door Module (DDM/PDM)
2/91	Relay, intermittent windshield wiper	3/127	Passenger/Driver Door Module (PDM/DDM)
2/138	Deadlock relay, left-hand rear door	3/131	Switch, audio/mobile phone
2/139	Deadlock relay, right-hand rear door	3/135	RTI switch
2/182	Relay, headlight washer motor	3/155	Automatic transmission program selector
2/191	Relay, remote parking heater start, radio signal	3/156	Gear Selector Module (GSM)
2/192	Relay (230V), engine heater	3/171	Switch, retractable door mirrors
3/1	Ignition switch	3/173	Switch, trunk lid private lock
3/4	Cruise control switch SWS	3/174	Switch, reduced alarm
3/6	Hazard warning flasher switch	3/183	Switch, max defrost
3/8	Heated rear window/door mirror switch	3/184	CNG/LPG switch
3/9	Brake light contact	3/225	Control unit, continuous damping control (CDC)
3/10	Reversing light contact	3/245	Steering Wheel Module (SWM)
3/25	Power sunroof switch	4/7	Combustion Preheater Module (CPM)
3/26	Power driver's seat module	4/9	Control module, Supplemental Restraint System (SRS)
3/27	Power passenger seat module	4/16	Brake Control Module (BCM)
3/35	Trunk handle switch	4/28	Transmission Control Module (TCM)
3/37	Horn contact	4/31	Fan control module
3/47	Parking brake contact	4/33	Sunroof control module SRM
3/53	Recirculation switch	4/46	Engine Control Module (ECM)
3/56	Fan switch	4/50	Electronic Throttle Module (ETM)
3/59	Control, beam adjustment	4/52	Power Seat Module (PSM)
3/60	Auxiliary light switch	4/56	Central Electronic Module CEM
3/62	Hood alarm contact	4/58	Rear Electronic Module (REM)
3/71	Gear selector contacts	4/68	Steering Angle Sensor module SAS
3/74	Left-hand front door lock unit	4/70	Upper Electronic Module UEM
3/75	Right-hand front door lock unit	4/71	Cooling fan control module
3/76	Left-hand rear door lock unit	4/76	Remote control unit for garage door opener
3/77	Right-hand rear door lock unit	4/78	Accessory Electronic Module AEM
3/78	Trunk lid lock unit	4/82	Differential Electronic Module DEM
3/80	Switch, left-hand central lock	4/83	Fuel pump control module
3/82	Switch, right-hand central lock	4/84	Suspension Module, SUM
3/85	Rear left door power window switch	4/86	Parking Assistance Module (PAM)
3/86	Rear right door power window switch	4/99	Electronic power steering control module
3/91	Switch, left-hand heated seat	4/106	Control module, remote parking heater start
3/92	Switch, right-hand heated seat	4/107	Control module, parking heater, Call start
3/93	Switch, left-hand seat belt buckle	4/110	Trailer Module TRM
3/94	Switch, right-hand seat belt buckle	4/201	Left-hand seat heater control module
3/95	Spin control switch	4/202	Right-hand seat heater control module
3/111	Light Switch Module (LSM)	5/1	Driver Information Module (DIM)
3/112	Climate Control Module (CCM)		
3/113	Rear adjustable head restraint relay		
3/117	Dome light control module		

## List of components 2:4

6/1	Windshield wiper motor	7/41	Temperature sensor, evaporator
6/3	Right-hand headlight wiper motor	7/51	Accelerator pedal sensor
6/4	Left-hand headlight wiper motor	7/56	Left-hand rear ABS sensor
6/15	Sunroof motor	7/57	Right-hand rear ABS sensor
6/16	Driver seat motor, backrest angle	7/61	Input speed sensor
6/17	Driver seat motor, up/down front edge	7/62	Output speed sensor
6/18	Driver seat motor, up/down rear edge	7/73	Coolant level sensor
6/19	Driver seat motor, forward/backward	7/74	Oil temperature sensor, automatic transmission
6/20	Passenger seat motor, forward/backward	7/77	Temperature sensor, intake air
6/25	Starter motor	7/81	Pressure sensor, intake manifold
6/26	Generator	7/82	Heated oxygen sensor, diagnosis 1
6/28	Motor, passenger compartment fan	7/87	Acceleration sensor, Four-C, front left
6/29	Motor, electric cooling fan	7/88	Acceleration sensor, Four-C, front right
6/31	Feed pump, ejectors	7/89	Acceleration sensor, Four-C, rear left
6/33	Fuel pump	7/91	Steering angle sensor
6/35	Fuel pump, auxiliary heater	7/93	Occupant Weight Sensor (OWS)
6/37	Lock motor, fuel filler flap	7/100	Inclination Sensor Module (ISM)
6/38	Left-hand headlight level adjustment motor	7/103	Heated oxygen sensor 3
6/39	Right-hand headlight adjustment motor	7/104	Heated oxygen sensor 4 (diagnostic probe)
6/44	Cooling fan, electrics box, engine compartment	7/105	Outside temperature sensor, engine control module
6/48	Damper motor, recirculation	7/108	Left-hand rear side impact sensor
6/58	Motor, front left power window	7/109	Right-hand rear side impact sensor
6/60	Motor, front right power window	7/110	Left-hand seat temperature sensor
6/62	Left-hand power door mirror	7/111	Right-hand seat temperature sensor
6/63	Right-hand power door mirror	7/115	Left-hand front side impact sensor
6/64	Passenger seat motor, backrest angle	7/116	Right-hand front side impact sensor
6/65	Passenger seat motor, up/down front edge	7/118	Acceleration sensor, Four-C, rear right
6/66	Passenger seat motor, up/down rear edge	7/119	Acceleration sensor, shock absorber, Four-C, front right
6/67	Pump, fuel leakage control	7/120	Rear left angle sensor
6/69	Damper motor, ventilation/floor/defroster	7/121	Rear right angle sensor, Four-C/Bi-Xenon
6/71	Valve, speed-dependent power steering	7/122	Mass Movement Sensor (MMS)
6/73	Coolant pump, auxiliary heater	7/123	Clutch pedal sensor
6/92	Motor, rear left power window	7/124	Brake pedal sensor
6/93	Motor, rear right power window	7/129	Brake pressure sensor 2
6/95	Damper motor, temperature, left-hand side	7/130	Fuel level sensor, injector side
6/96	Damper motor, temperature, right-hand side	7/131	Parking assistance sensor, rear 1
6/102	Damper motor, defroster	7/132	Parking assistance sensor, rear 2
6/103	Damper motor, floor/ventilation	7/133	Parking assistance sensor, rear 3
6/104	Pump, high pressure headlight washer	7/134	Parking assistance sensor, rear 4
6/105	Fuel distributor, gas	7/139	Brake pressure sensor 1
6/114	Vacuum pump	7/143	Fuel level sensor, pump side
6/120	Engine throttle body	7/149	Rain sensor
6/127	Pump, headlight washer, front/rear window	7/153	Sensor, fuel level LPG
7/4	Brake fluid level sensor	7/156	Pressure and temperature sensor
7/5	Washer fluid level sensor	7/159	Air quality sensor
7/6	Oil pressure sensor	7/162	Pressure sensor, fuel line
7/8	Pressure sensor, climate control system	7/164	Sensor module DSTC/pressure sensor
7/10	Interior temperature sensor	7/165	Temperature sensor, intake manifold
7/11	Outside temperature sensor	7/172	Position sensor, camshaft, intake side
7/12	Solar sensor, twilight sensor and indicator alarm	7/173	Sensor, camshaft
7/15	Heated oxygen sensor	7/192	Temperature sensor, evaporator
7/16	Coolant temperature sensor	7/201	Temperature sensor, gas
7/17	Mass airflow sensor MAF	7/204	Parking assistance sensor, front 1
7/23	Rear knock sensor	7/205	Parking assistance sensor, front 2
7/24	Front knock sensor	7/206	Parking assistance sensor, front 3
7/25	Impulse sensor	7/207	Parking assistance sensor, front 4
7/31	Left-hand front ABS sensor		
7/32	Right-hand front ABS sensor		
7/35	Oil level sensor		



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8/3	Electromagnetic clutch, climate control system	10/1	Left-hand front lamp housing
8/6-11	Injectors	10/2	Right-hand front lamp housing
8/17	EGR valve	10/3	License plate lighting
8/18	EVAP valve	10/5	Front left fog light
8/19	Solenoid, variable valve timing outlet	10/6	Front right fog light
8/20	Shock absorber, Four-C, front left	10/11	Front left parking light
8/21	Shock absorber, Four-C, front right	10/12	Front right parking light
8/22	Shock absorber, Four-C, rear left	10/13	Front left direction indicator
8/23	Shock absorber, Four-C, rear right	10/14	Front right direction indicator
8/28	Turbocharger control valve	10/15	Front left fender direction indicator
8/30	Driver side airbag igniter	10/16	Front right fender direction indicator
8/31	Passenger side airbag igniter	10/17	Lamp housing, right-hand tail light
8/32	Igniter, passenger side airbag stage 2	10/18	Lamp housing, left-hand tail light
8/33	Front left belt tensioner igniter	10/19	Auxiliary brake light
8/34	Front right seat belt tensioner igniter	10/29	Glove compartment lighting
8/37	Automatic transmission	10/42	Rear right parking light
8/38	Shift solenoid 1	10/43	Right-hand brake light
8/39	Shift solenoid 2	10/44	Right-hand tail light lamp
8/40	Lock-up solenoid	10/45	Right-hand tail light lamp 2
8/41	Pressure solenoid	10/46	Fog light, right rear
8/46	DSTC activation module	10/47	Rear right direction indicator
8/51	Front left side airbag igniter	10/48	Right-hand reversing light
8/52	Front right side airbag igniter	10/49	Rear left parking light
8/55	Rear left belt tensioner igniter	10/50	Left-hand brake light
8/56	Rear right belt tensioner igniter	10/51	Left-hand tail light lamp
8/59	Rear left head restraint solenoid	10/52	Left-hand tail light lamp 2
8/60	Rear right head restraint solenoid	10/53	Fog light, left rear
8/61	Driver side airbag igniter step 2	10/54	Rear left direction indicator
8/62	Belt tensioner igniter, center rear seat	10/55	Left-hand reversing light
8/64	Solenoid valve, engine mounting	10/64	Right-hand high beam
8/66	Left-hand inflatable curtain igniter	10/65	Auxiliary light, front right
8/67	Right-hand inflatable curtain igniter	10/66	Right-hand low beam/daytime running lights
8/71	Throttle solenoid	10/68	Left-hand high beam/daytime running lights
8/72	Shift solenoid 3	10/69	Auxiliary light, front left
8/73	Shift solenoid 4	10/70	Left-hand low beam
8/74	Shift solenoid 5	10/71	Front left side marker light
8/75	Valve, fuel cut-off DFCO	10/72	Front ashtray lighting
8/76	Gas tank valve	10/73	Front right side marker light
8/78	Oil pressure sensor	10/114	Left-hand vanity mirror lighting
8/79	Valve LPG	10/115	Right-hand vanity mirror lighting
8/81	Solenoid, variable valve timing outlet	10/122	Left-hand rear courtesy lighting
8/82	Solenoid, variable turbo geometry	10/123	Right-hand rear courtesy lighting
8/84	Switch, vacuum pump	10/125	Left-hand front courtesy lighting
8/85	Thermostatic switch, fuel filter	10/126	Right-hand front courtesy lighting
8/88	Solenoid, gas tank CNG rear	10/127	Lighting, cargo compartment, left-hand side
8/89	Solenoid, fuel tank CNG front left	10/128	Lighting, cargo compartment, right-hand side
8/90	Solenoid, fuel tank CNG front right	10/129	Front left parking light
8/111	Solenoid valve, high-pressure diesel	10/130	Front right parking light
8/134	Solenoid, reverse interlock M66	10/142	Front left door control module lighting
		10/143	Front right door control module lighting
9/1	Front 12V outlet	10/148	Left-hand rearview mirror lighting
9/2	Heated rear window	10/149	Right-hand rearview mirror lighting
9/12	Left seat heater	10/150	Rear reading light
9/13	Right seat warmer	10/151	Left-hand rear door switch lighting
9/16	Left-hand backrest heating element	10/152	Right-hand rear door switch lighting
9/17	Right-hand backrest heating element	10/155	Recirculation switch lighting
9/18	Left-hand seat heating element	10/156	Lighting, passenger compartment fan potentiometer
9/19	Right-hand seat heating element		
9/25	Rear 12V outlet	10/157	Left heater control illumination
9/30	Auxiliary heater	10/158	Lighting, control for climate control
9/32	PTC resistor - air preheating	10/159	Right heater control illumination
9/33	Left-hand heated door mirror	10/160	Lighting, switch for heated rear window, mirrors, front seats
9/34	Right-hand heated door mirror		
9/38	Electrically heated fuel filter	10/218	Indicator light, remote start

## Volvo S60 S60r S80 2005 Wiring Diagram

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11A/no.	Main fuses in engine compartment fuse box	16/65	Antenna ring/ignition switch lighting
11B/no.	Fuses in engine compartment fuse box	16/67	Amplifier antenna, bumper
11C/no.	Fuses in passenger compartment fuse box	16/68	Antenna, bumper
11E/no.	Main fuses at battery	16/71	Window antenna amplifier, right
		16/77	Microphone, mobile telephone
15/30	Connecting rail to 15/31	16/78	Speaker, mobile telephone
15/31	Engine compartment distribution box	16/93	Control module, cellular telephone handsfree
		16/126	Holder, cellular telephone handsfree
16/1	Audio Module (AUM)	16/127	Microphone, cellular telephone handsfree
16X/1	Connector interface original vehicle		
16/2	Amplifier	17/13	Data link connector
16/3	Right-hand front door speaker	17/17	Jump start connection
16/4	Left-hand front door speaker	17/19	12V outlet, cargo compartment
16/5	Right-hand rear door speaker	17/38	Socket, 7-pin, towing bracket wiring
16/6	Left-hand rear door speaker	17/39	Socket, 13-pin, towing bracket wiring
16/9	Window antenna		
16/10	Horn 1	18/4	Contact reel
16/11	Horn 2		
16/15	CD changer	20/3-8	Spark plug and ignition coil
16/16	Window antenna amplifier, left	20/16	Capacitor
16/17	Left-hand speaker, rear shelf	20/22-26	Glow plug
16/18	Right-hand speaker, rear shelf		
16/26	Central dashboard speaker	27/3	Left-hand Camera Module, LCM
16/35	Siren Control Module (SCM)	27/4	Right-hand Camera Module, RCM
16/36	TV receiver		
16/45	Road Traffic Information (RTI)	31/no.	Ground connection
16/46	Multimedia display		
16/47	GPS antenna RTI	53/no.	Junction point
16/55	Left-hand front tweeter		
16/56	Right-hand front tweeter	54/no.	Connector
16/59	Antenna, remote control	54X/no	Connector interface original vehicle
16/60	Phone Module (PHM)		
16/62	Hand unit, mobile phone	A1	Connecting rail to 15/31
16/63	GPS antenna, Telephone	C1-6	Connecting rails to 15/31
16/64	Antenna, mobile telephone		