

2006 Volvo XC90



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red	+	fuse box on side of driver side dash
Second 12 Volts			
Starter	yellow/white	+	ignition key switch, grey 8 way connector, pos. 7
Second Starter			
Ignition	blue/red	+	see notes
Second Ignition			
Third Ignition			
Accessory			
Second Accessory			
Third Accessory			
Key Sense			
Data Bus			
Can Bus High	white	data	AT OBD PLUG
Can Bus Low	green	data	AT OBD PLUG
Can Bus Sw			
Power Lock	violet/white	-	push-button window control unit, green 30 way conn., pos. 12
Power Unlock	blue/white	-	push-button window control unit, green 30 way conn., pos. 13
Lock Motor			
Unlock Motor			
Disarm Defeat			
Parking Lights (+)			
Parking Lights (-)			
Hazards			
Turn Signal (Left)	green		see notes
Turn Signal (Right)	green/white		see notes

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight			
AutoLights			
Reverse Light			
Left Front Door Trigger	white	+	light to light-up the pedals, under driver dash
Right Front Door Trigger			
Left Rear Door Trigger			
Right Rear Door Trigger			
Dome Supervision			
Trunk/Hatch Pin	white	+	control unit, black 10 way conn. signed TAIL1, pos. 7
Rear Glass Pin			
Hood Pin			
Trunk Hatch/Release			
Trunk Release Motor			
Fuel Door Release			
Power Sliding Door (Left)			
Power Sliding Door (Right)			
Factory Alarm Arm			
Factory Alarm Disarm			
Disarm No Unlock			
Trunk Alarm Shunt			
Tachometer			
Wait to Start			
Neutral Safety			
Clutch Pedal			
Fuel Pump	green/orange		see notes
Rear Defroster			
Mirror Defroster			
Left Front Heated Seat			
Right Front Heated Seat			

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense			
Brake Wire			
Parking Brake			
Horn Trigger			
Wipers			
Left Front Window (Up/Down)	violet		push-button window control unit, grey 12 way conn., pos. 4
Right Front Window (Up/Down)	violet		push-button window control unit, grey 12 way conn., pos. 4
Left Rear Window (Up/Down)	green/brown		control unit, black 32 way conn. signed D/U, pos. 1
Right Rear Window (Up/Down)	green/brown		control unit, brown 32 way conn. signed REAR, pos. 1
Sun Roof (Open/Close)			
Sun Roof (Limit/Close)			
Memory Seat 1			
Memory Seat 2			
Memory Seat 3			
Radio 12V			
Radio Ground			
Radio Ignition			
Radio Illumination			
Factory Amp Turn-on			
Power Antenna			
Left Front Speaker (+/-)			
Right Front Speaker (+/-)			
Left Rear Speaker (+/-)			
Right Rear Speaker (+/-)			
Center Channel (+/-)			
Subwoofer (+/-)			
Aux. Audio Input Left (+/-)			
Aux. Audio Input Right (+/-)			
RSE Video (+/-)			
RSE Audio Left (+/-)			
RSE Audio Right (+/-)			
Satellite Radio 12 Volts			
Satellite Radio Ground			
Satellite Radio Ignition			
Satellite Radio Antenna			
Satellite Audio Left (+/-)			
Satellite Audio Right (+/-)			

What Fits

Item	Size	Depth	Location
Headunit			
Left Front Speaker			
Left Front Tweeter			
Right Front Speaker			
Right Front Tweeter			
Left Rear Speaker			
Left Rear Tweeter			
Right Rear Speaker			
Right Rear Tweeter			
Center Channel			
Subwoofer			
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner			

Additional Wiring Notes

Item	Note
Turn Signal (Left)	big wire harness fixed vertically on the right side of the fuse box placed under the driver side dash (near the clutch pedal)
Turn Signal (Right)	big wire harness fixed vertically on the right side of the fuse box placed under the driver side dash (near the clutch pedal)
Ignition	big wire harness fixed vertically on the right side of the fuse box placed under the driver side dash (near the clutch pedal)
Fuel Pump	connected to the back side of the engine compartment fuse box (near the battery), in correspondence of the fuse 19 (5A)
Power Lock	the push-button window control unit is inside the driver side door
Power Unlock	the push-button window control unit is inside the driver side door
Left Front Window (Up/Down)	the push-button window control unit is inside the driver side door
Right Front Window (Up/Down)	the push-button window control unit is inside the driver side door
Left Rear Window (Up/Down)	the control unit is place on the luggage compartment driver side
Right Rear Window (Up/Down)	the control unit is place on the luggage compartment driver side
Trunk/Hatch Pin	the control unit is place on the luggage compartment driver side