

2004 Saab 9-3

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red/white	+	ignition harness
Second 12 Volts			
Starter	brn/wht (NOT for remote start)	-	ECM, driver side connector, pin 58
Second Starter			
Ignition	red/blue	+	ignition harness
Second Ignition			
Third Ignition			
Accessory	blue	+	ignition harness
Second Accessory			
Third Accessory			
Key Sense	brown	+	ignition harness
Data Bus			
Can Bus High			
Can Bus Low			
Can Bus Sw			
Power Lock	green (4D), yellow (CV)	- 600 ohms	central lock switch in driver door
Power Unlock	same wire as power lock	-1.4K ohms	
Lock Motor	black or blue/red	5wi	driver door module in door
Unlock Motor	black or red/blue	5wi	driver door module in door
Disarm Defeat	black or blue/blue	5wi	passenger door module in door
Parking Lights (+)	use parking lights (-) wire		
Parking Lights (-)	brown/yellow	-	headlight switch or BCM, pin A29
Hazards	brown/white	-	hazard switch or BCM, pin B61
Turn Signal (Left)	use hazards wire		
Turn Signal (Right)	use hazards wire		

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	yellow/white	-	headlight switch or BCM, pin A30
AutoLights			
Reverse Light	black, red, blue, or brown	+	reverse light in trunk
Left Front Door Trigger	see notes	-	each door harness or BCM
Right Front Door Trigger			
Left Rear Door Trigger			
Right Rear Door Trigger			
Dome Supervision	blue/white	-	driver kick or BCM, pin A18
Trunk/Hatch Pin	purple	-	driver kick or BCM, pin A32
Rear Glass Pin			
Hood Pin	yellow/blue or green/blue to green/gray	-	pin switch or BCM, pin B60
Trunk Hatch/Release	green/white to brown/red	-	driver kick or BCM, pin B58
Trunk Release Motor			
Fuel Door Release			
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)			
Factory Alarm Arm	factory remote only		
Factory Alarm Disarm	factory remote only		
Disarm No Unlock	with ignition and transponder		
Trunk Alarm Shunt			
Tachometer	NOT red, red/yellow, or black	ac	any ignition coil or fuel injector
Wait to Start	N/A		
Neutral Safety			
Clutch Pedal			
Fuel Pump			
Rear Defroster			
Mirror Defroster			
Left Front Heated Seat			
Right Front Heated Seat			

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	green/white to yellow/green		Column Integration Module
Brake Wire	red/green	+	brake pedal switch
Parking Brake	orange/blue to orange/white	-	parking brake switch or BCM, pin B55
Horn Trigger	blue/white	-	Column Integration Module
Wipers	red/green (L), red/gray (H)	+	windshield wiper motor
Left Front Window (Up/Down)	green - white		LF door module in door
Right Front Window (Up/Down)	green - white		RF door module in door
Left Rear Window (Up/Down)	gray - gray/white		LR door module in door (4D)
Right Rear Window (Up/Down)	gray - gray/white		RR door module in door (4D)
Sun Roof (Open/Close)	motor part of module		
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	white/red (4D), red/gray (CV)	+	memory switch on driver seat
Memory Seat 2	purple/wht (4D), gray/wht (CV)	+	memory switch on driver seat
Memory Seat 3	green/pur (4D), gray/blue (CV)	+	memory switch on driver seat
Radio 12V	red/gray	+	radio harness
Radio Ground	black	-	radio harness
Radio Ignition	(Optical Bus)		
Radio Illumination	N/A		
Factory Amp Turn-on	(Optical Bus)		
Power Antenna	pink	+	radio harness
Left Front Speaker (+/-)	blue/white - green/gray	+,-	radio harness
Right Front Speaker (+/-)	yellow/gray - purple/white	+,-	radio harness
Left Rear Speaker (+/-)	gray - black/white	+,-	radio harness
Right Rear Speaker (+/-)	blue - white	+,-	radio harness
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			

Smart Starter Kill Relay

Relay Type:	n/a
Part #:	n/a
OE Relay Part #:	
Location:	n/a

Notes:
n/a

Alternate Part Notes:
n/a

Immobilizer Bypass Module

Required:	Yes
Type:	Transponder
Part #:	556UW
Alternate Part #'s:	DesignTech 20402, DesignTech 29402

Notes:

Additional Wiring Notes

Item	Note
Starter	The ECM is on the front passenger side of the engine.
Parking Lights (+)	Each light is controlled separately by the underhood and rear electrical centers.
Turn Signal (Left)	Each light is controlled separately by the underhood and rear electrical centers.
Left Front Door Trigger	The LF door is green to gray in pin A12. The RF door is green to orange/blue in pin A11. The LR door is purple to brown/orange in pin A10. The RR door is purple to white in pin A9. Use all four wires and diode isolate each. The BCM is part of the fuse box under the driver side dash.
Trunk Hatch/Release	The BCM is part of the fuse box under the driver side dash. Meter this wire while opening the trunk with the rear trunk lid handle.
Horn Trigger	The Column Integration Module is in the steering column. The horn trigger is also brown (+) at the horn behind the front grille.
Speed Sense	The Column Integration Module is in the steering column.
Left Rear Window (Up/Down)	On the convertibles, these wires are at the window control module in the LR side trim panel.
Right Rear Window (Up/Down)	On the convertibles, these wires are at the window control module in the RR side trim panel.
Left Front Speaker (+/-)	The front speaker amp is under the driver seat (4D), or under the LR side window (CV). The rear speaker amp is behind the LR wheel housing. The center channel speaker wires are purple/white - yellow/white. The LF door speaker wires are green - gray/white. The RF door speaker wires are blue - gray/white. The LR woofer wires are yellow/white - green/gray (4D), or blue - yellow (CV). The RR woofer wires are gray/white - blue/white (4D), or gray/white - yellow/green (CV).
Parking Lights (-)	Need to relay isolate from switch. The BCM is part of the fuse box under the driver side dash.
Hazards	The BCM is part of the fuse box under the driver side dash.
Headlight	The BCM is part of the fuse box under the driver side dash.
Dome Supervision	The BCM is part of the fuse box under the driver side dash.
Trunk/Hatch Pin	The BCM is part of the fuse box under the driver side dash.
Hood Pin	Need to diode isolate from BCM. The BCM is part of the fuse box under the driver side dash.
Parking Brake	The BCM is part of the fuse box under the driver side dash.