

2013 Chevrolet Malibu



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red/purple (30A)	+	BCM under driver dash, blue 27 pin plug, pin 4
Second 12 Volts	N/A		
Starter	yellow (for starter kill only)	+	starter mtr or underhood fuse box, black 50 pin plug (X3), pin 5 or 26
Second Starter	white (r-code); brown (5V ref) (Tech Doc 1605)	+9.6K ohms	BCM under driver dash, green 25 pin plug, pins 15, 22
Ignition	purple	+	BCM under driver dash, green 25 pin plug, pin 6
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	yellow	+	BCM under driver dash, green 25 pin plug, pin 5
Second Accessory	(same as second starter)	+6.3K ohms	
Third Accessory	N/A		
Key Sense	(same as second starter)		
Data Bus	green/purple (immobilizer LIN bus)	data	immobilizer module or BCM under driver dash, grn 25 pin plug, pin 2
Can Bus High	blue (high speed GMLAN)	data	data link connector or BCM under driv dash, blue 27 pin plug, pin 24
Can Bus Low	white (high speed GMLAN)	data	data link connector or BCM under driv dash, blue 27 pin plug, pin 23
Can Bus Sw	green (low speed GMLAN)	data	data link connector or BCM under driv dash, blue 27 pin plug, pin 22
Power Lock	brown	-	BCM under driver dash, blue 27 pin plug, pin 19
Power Unlock	white	-	BCM under driver dash, blue 27 pin plug, pin 15
Lock Motor	brown/yellow	5 wire	BCM under driver dash, pink 27 pin plug, pin 4
Unlock Motor	gray	5 wire	BCM under driver dash, pink 27 pin plug, pin 1
Disarm Defeat	gray/green	5 wire	BCM under driver dash, pink 27 pin plug, pin 2
Parking Lights (+)	purple/gray (L); gray/brown (R)	+	BCM under driver dash, black 26 pin plug, pins 6, 5
Parking Lights (-)	gray	-	BCM under driver dash, white 26 pin plug, pin 22
Hazards	green/white	-	BCM under driver dash, blue 27 pin plug, pin 26
Turn Signal (Left)	blue/white (F); blue/white (R)	+	BCM under driver dash, brown 26 pin plug, pins 2, 1
Turn Signal (Right)	green/purple (F); blue/purple (R)	+	BCM under driver dash, black 26 pin plug, pins 3, 4

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	white	-	BCM under driver dash, white 26 pin plug, pin 16
AutoLights	green (ground to turn off autolights)	-	BCM under driver dash, white 26 pin plug, pin 11
Reverse Light	green/white	+	BCM under driver dash, gray 26 pin plug, pin 3
Left Front Door Trigger	gray (xpress down wndw); gray(xpress up/down wndw)	-	driv wndw sw, blk 8 pin plug, pin 6; driv wndw mtr, blk 7 pin plg, pin 6
Right Front Door Trigger	gray	-	passenger window switch, black 8 pin plug, pin 6
Left Rear Door Trigger	gray	-	left rear window switch, black 8 pin plug, pin 2
Right Rear Door Trigger	gray	-	right rear window switch, black 8 pin plug, pin 2
Dome Supervision	gray	+	BCM under driver dash, gray 26 pin plug, pin 1
Trunk/Hatch Pin	purple/gray or purple	-	BCM under driver dash, pink 27 pin plug, pin 5
Rear Glass Pin	N/A		
Hood Pin	brown/green	-	BCM under driver dash, black 26 pin plug, pin 24
Trunk Hatch/Release	yellow/blue (rear handle switch)	-	BCM under driver dash, pink 27 pin plug, pin 15
Trunk Release Motor	gray	+	BCM under driver dash, brown 26 pin plug, pin 11
Fuel Door Release	N/A		
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	(arms on lock with door open)		
Factory Alarm Disarm	(see disarm no unlock)		
Disarm No Unlock	(transponder and ignition)		
Trunk Alarm Shunt	N/A		
Tachometer	brown, blue, green, or gray/blue	ac	top rear or front of engine, 12 pin plug, pins 1, 2, 3, or 4
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	N/A		
Fuel Pump	purple/black (2.0L or 2.5L)	+	underhood fuse box, black 50 pin plug (X3), pin 4
Rear Defroster	brown/purple	+ latched	driver kick, 102 pin plug, pin 19
Mirror Defroster	(same as rear defroster)		
Left Front Heated Seat	(low speed GMLAN)		
Right Front Heated Seat	(low speed GMLAN)		

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	(wheel speed sensor)		
Brake Wire	purple/white	+	BCM under driver dash, black 26 pin plug, pin 11
Parking Brake	(electric parking brake)		
Horn Trigger	brown/white	-	BCM under driver dash, brown 26 pin plug, pin 19
Wipers	gray	+	BCM under driver dash, black 26 pin plug, pin 16
Left Front Window (Up/Down)	green/gray - yellow/purple (with express dwn only)	A	driver window switch, black 8 pin plug, pins 2 - 3
Right Front Window (Up/Down)	green/gray - yellow/blue	A	passenger window switch, black 8 pin plug, pins 2 - 3
Left Rear Window (Up/Down)	blue/purple - yellow/blue	A	left rear window switch, black 8 pin plug, pins 6 - 7
Right Rear Window (Up/Down)	blue/gray - green/black	A	right rear window switch, black 8 pin plug, pins 6 - 7
Sun Roof (Open/Close)	blue (open) (functions with ignition on only)	- 100 ohms	sunroof switch, black 4 pin plug, pin 4
Sun Roof (Limit/Close)	(close) (same as sun roof open)	- 930 ohms	
Memory Seat 1	white	- 630 ohms	driver seat memory switch, black 6 pin plug, pin 6
Memory Seat 2	(same as memory seat 1)	- 2K ohms	
Memory Seat 3	N/A		
Radio 12V	red	+	radio, black 44 pin plug, pin 44
Radio Ground	black	-	radio, black 44 pin plug, pin 38
Radio Ignition	(low speed GMLAN)		
Radio Illumination	(low speed GMLAN)		
Factory Amp Turn-on	green/yellow	+	radio, black 44 pin plug, pin 43
Power Antenna	N/A		
Left Front Speaker (+/-)	blue - brown/blue	+,-	radio, black 44 pin plug, pins 40 - 32
Right Front Speaker (+/-)	yellow - yellow/black or yellow - blue/brown	+,-	radio, black 44 pin plug, pins 39 - 31
Left Rear Speaker (+/-)	green - green/black or green/black - brown/purple	+,-	radio, black 44 pin plug, pins 42 - 34
Right Rear Speaker (+/-)	white - blue/black or brown/white - blue/black	+,-	radio, black 44 pin plug, pins 41 - 33
Center Channel (+/-)	yellow/white - blue/yellow	+,-	amplifier in trunk right side, black 16 pin plug, pins 7 - 8
Subwoofer (+/-)	blue/gry - green/blk (L); green/pur - gray/blk (R)	+,-	amplifier in trunk right side, black 8 pin plug, pins 3 - 2; 1 - 5
Aux. Audio Input Left (+/-)	gray - purple	+,-	radio, black 44 pin plug, pins 24 - 23
Aux. Audio Input Right (+/-)	green - purple	+,-	radio, black 44 pin plug, pins 10 - 23
RSE Video (+/-)	gray/yellow - white/blue (rearview camera video)	+,-	radio, gray 20 pin plug, pins 5 - 15
RSE Audio Left (+/-)	N/A		
RSE Audio Right (+/-)	N/A		
Satellite Radio 12 Volts	(built into radio)		
Satellite Radio Ground	N/A		
Satellite Radio Ignition	N/A		
Satellite Radio Antenna	N/A		
Satellite Audio Left (+/-)	N/A		
Satellite Audio Right (+/-)	N/A		

What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker			left front door
Left Front Tweeter			left front pillar
Right Front Speaker			right front door
Right Front Tweeter			right front pillar
Left Rear Speaker			left rear door
Left Rear Tweeter	N/A		
Right Rear Speaker			right rear door
Right Rear Tweeter	N/A		
Center Channel			top center of dash
Subwoofer			left and right rear deck
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner	(built into radio)		

Additional Wiring Notes

Item	Note
Fuel Pump	On 2.4L models, it is purple/black (+) in the underhood fuse box, black 74 pin plug (X2), pin 31.
Left Front Speaker (+/-)	On models with amplifier, the speaker wires are blue - brown/blue at the amplifier in trunk right side, black 16 pin plug, pins 1 - 2.
Right Front Speaker (+/-)	On models with amplifier, the speaker wires are yellow - yellow/black at the amplifier in trunk right side, black 16 pin plug, pins 11 - 12.
Left Rear Speaker (+/-)	On models with amplifier, the speaker wires are green - green/black at the amplifier in trunk right side, black 16 pin plug, pins 3 - 4.
Right Rear Speaker (+/-)	On models with amplifier, the speaker wires are white - blue/black at the amplifier in trunk right side, black 16 pin plug, pins 10 - 9.