

## 2014 Mitsubishi Outlander (Smart Key)



## Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	blue (30A)	+	dash fuse box, white 2 pin plug, pin 2
Second 12 Volts	green (10A)	+	engine start/stop switch, white 10 pin plug, pin 10
Starter	purple	+	dash fuse box, white 13 pin plug, pin 9
Second Starter	lt. green/red (SS1); yellow (SS2)	+ and -	engine start/stop switch, white 10 pin plug, pins 4, 2
Ignition	brown/red	+	dash fuse box, white 8 pin plug, pin 2
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	blue/red	+	dash fuse box, white 8 pin plug, pin 4
Second Accessory	N/A		
Third Accessory	N/A		
Key Sense	N/A		
Data Bus	N/A		
Can Bus High	yellow/pink (MS CAN); white/blue (HS CAN)	data	dash fuse box, white 36 pin plug, pins 17, 19
Can Bus Low	red/white (MS CAN); black/yellow (HS CAN)	data	dash fuse box, white 36 pin plug, pins 16, 18
Can Bus Sw	N/A		
Power Lock	gray	-	dash fuse box, white 36 pin plug, pin 28
Power Unlock	pink/black	-	dash fuse box, white 36 pin plug, pin 31
Lock Motor	gray	5 wire	dash fuse box, white 9 pin plug, pin 6
Unlock Motor	yellow	5 wire	dash fuse box, white 9 pin plug, pin 5
Disarm Defeat	lt. green	5 wire	dash fuse box, white 9 pin plug, pin 2
Parking Lights (+)	white/black (L); black/white (R)	+	dash fuse box, white 13 pin plug, pins 6, 3
Parking Lights (-)	(LIN bus)		
Hazards	lt. green/red	-	dash fuse box, white 36 pin plug, pin 26
Turn Signal (Left)	pink	+	dash fuse box, white 13 pin plug, pin 5
Turn Signal (Right)	purple	+	dash fuse box, white 13 pin plug, pin 11

## Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	purple (LO); gray (HI)	-	dash fuse box, white 28 pin plug, pins 11, 18
AutoLights	(LIN bus)		
Reverse Light	blue	+	dash fuse box, white 13 pin plug, pin 12
Left Front Door Trigger	blue	-	dash fuse box, blue 22 pin plug, pin 9
Right Front Door Trigger	brown	-	dash fuse box, blue 22 pin plug, pin 10
Left Rear Door Trigger	lt. green	-	dash fuse box, blue 22 pin plug, pin 20
Right Rear Door Trigger	white/black	-	dash fuse box, blue 22 pin plug, pin 11
Dome Supervision	black/white	-	dash fuse box, white 7 pin plug, pin 2
Trunk/Hatch Pin	yellow	-	dash fuse box, blue 22 pin plug, pin 19
Rear Glass Pin	N/A		
Hood Pin	pink/blue	-	dash fuse box, white 28 pin plug, pin 19
Trunk Hatch/Release	(use trnk rel mtr, w/o PLG); lt. green/blk (w/PLG)	-	power liftgate switch, blue 14 pin plug, pin 10
Trunk Release Motor	gray (without power liftgate)	5 wire	dash fuse box, white 13 pin plug, pin 4
Fuel Door Release	N/A		
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	(factory remote only)		
Factory Alarm Disarm	(see disarm no unlock)		
Disarm No Unlock	(transponder and ignition)		
Trunk Alarm Shunt	N/A		
Tachometer	lt. green, purple, white/black, gray, or red	ac	any fuel injector, gray 2 pin plug, pin 2
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	N/A		
Fuel Pump	white	+	dash fuse box, white 3 pin plug, pin 2
Rear Defroster	red	+ latched	dash fuse box, white 3 pin plug, pin 1
Mirror Defroster	(same as rear defroster)		
Left Front Heated Seat	green	5 wire	heated seat switch, white 9 pin plug, pin 3
Right Front Heated Seat	white/black	5 wire	heated seat switch, white 9 pin plug, pin 9

## Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	gray	ac	radio, white 20 pin plug, pin 11
Brake Wire	brown	+	brake switch or dash fuse box, white 11 pin plug, pin 3
Parking Brake	purple	-	driver kick, white 18 pin plug, pin 2
Horn Trigger	black/white	-	horn switch or dash fuse box, white 13 pin plug, pin 8
Wipers	pink/green	-	dash fuse box, white 36 pin plug, pin 24
Left Front Window (Up/Down)	red - blue	A	power window main switch, white 16 pin plug, pins 4 - 3
Right Front Window (Up/Down)	black/white - white/black	A	driver kick, white 16 pin plug, pins 8 - 9
Left Rear Window (Up/Down)	brown - purple	A	driver kick, white 16 pin plug, pins 13 - 14
Right Rear Window (Up/Down)	lt. green - white	A	driver kick, white 16 pin plug, pins 15 - 16
Sun Roof (Open/Close)	yellow - green (function with ignition on only)	-	sunroof switch, black 6 pin plug, pins 5 - 6
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	N/A		
Memory Seat 2	N/A		
Memory Seat 3	N/A		
Radio 12V	red	+	radio, white 20 pin plug, pin 10
Radio Ground	black	-	radio, white 20 pin plug, pin 20
Radio Ignition	lt. green	+	radio, white 20 pin plug, pin 1
Radio Illumination	pink/black (dimmer)	+	radio, white 20 pin plug, pin 9
Factory Amp Turn-on	lt. green	+	radio, white 18 pin plug, pin 8
Power Antenna	purple	+	radio, white 20 pin plug, pin 14
Left Front Speaker (+/-)	pink - blue	+,-	radio, white 20 pin plug, pins 8 - 18
Right Front Speaker (+/-)	green - yellow	+,-	radio, white 20 pin plug, pins 6 - 16
Left Rear Speaker (+/-)	brown - white	+,-	radio, white 20 pin plug, pins 7 - 17
Right Rear Speaker (+/-)	green - yellow or white - black	+,-	radio, white 20 pin plug, pins 5 - 15
Center Channel (+/-)	N/A		
Subwoofer (+/-)	red - yellow (1); white - green (2)	+,-	amplifier under passenger seat, white 18 pin plg, pins 1 - 9; 2 - 10
Aux. Audio Input Left (+/-)	yellow - purple (hands-free audio)	+,-	radio, white 18 pin plug, pins 4 - 12
Aux. Audio Input Right (+/-)	brown - purple (hands-free audio)	+,-	radio, white 18 pin plug, pins 3 - 12
RSE Video (+/-)	white - black (rear view camera)	+,-	radio, gray 8 pin plug, pins 6 - 7
RSE Audio Left (+/-)	black/red - black	+,-	radio, white 18 pin plug, pins 2 - 10
RSE Audio Right (+/-)	white/red - black	+,-	radio, white 18 pin plug, pins 1 - 10
Satellite Radio 12 Volts	red	+	Sat Radio above pass kick, white 14 pin plg, pin 1
Satellite Radio Ground	black	-	Sat Radio above pass kick, white 14 pin plg, pin 8
Satellite Radio Ignition	lt. green	+	Sat Radio above pass kick, white 14 pin plg, pin 2
Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	black - white	+,-	Satellite Radio, white 14 pin plug, pins 6 - 7
Satellite Audio Right (+/-)	red - green	+,-	Satellite Radio, white 14 pin plug, pins 14 - 13

## What Fits

Item	Size	Depth	Location
Headunit	double DIN		center of dash
Left Front Speaker	6.5		left front door
Left Front Tweeter	1.25		left front door
Right Front Speaker	6.5		right front door
Right Front Tweeter	1.25		right front door
Left Rear Speaker	6.5		left rear door
Left Rear Tweeter	(coaxial)		
Right Rear Speaker	6.5		right rear door
Right Rear Tweeter	(coaxial)		
Center Channel	N/A		
Subwoofer	10		left rear quarter panel
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner			above passenger kick

Additional Wiring Notes

Item	Note
<b>Left Front Speaker (+/-)</b>	On models with amplifier, the woofer wires are gray - purple at the amplifier under passenger seat, white 18 pin plug, pins 8 - 18. The tweeter wires are white/black - black/white at the amplifier, white 14 pin plug, pins 5 - 13.
<b>Right Front Speaker (+/-)</b>	On models with amplifier, the woofer wires are brown - blue at the amplifier under passenger seat, white 18 pin plug, pins 7 - 17. The tweeter wires are lt. green - yellow at the amplifier, white 14 pin plug, pins 2 - 8.
<b>Left Rear Speaker (+/-)</b>	On models with amplifier, the speaker wires are pink - black at the amplifier under passenger seat, white 14 pin plug, pins 6 - 14.
<b>Right Rear Speaker (+/-)</b>	On models with amplifier, the speaker wires are brown - blue at the amplifier under passenger seat, white 14 pin plug, pins 1 - 7.