2013 Mitsubishi Outlander

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	white (80A), red (80A)	+	dash fuse box, black 2 pin plug, pins 1 and 2
Second 12 Volts	yellow (10A)	+	ignition switch, white 6 pin plug, pin 1
Starter	orange	+	ignition switch, white 6 pin plug, pin 5
Second Starter	N/A		
Ignition	white	+	ignition switch, white 6 pin plug, pin 2
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	lt. green	+	ignition switch, white 6 pin plug, pin 6
Second Accessory	N/A		
Third Accessory	N/A		
Key Sense	red/white	open	ignition key switch, white 12 pin plug, pin 3
Data Bus	N/A		
Can Bus High	yellow (without Keyless Operating System)	data	Wireless Control Module around ign key sw, wht 12 pin plug, pin 11
Can Bus Low	lt. green (without Keyless Operating System)	data	Wireless Control Module around ign key sw, wht 12 pin plug, pin 10
Can Bus Sw	N/A		
Power Lock	white/black	-	driver kick, brown 24 pin plug, pin 2
Power Unlock	red/yellow	-	driver kick, brown 24 pin plug, pin 3
Lock Motor	red	5 wire	dash fuse box, white 19 pin plug, pin 6
Unlock Motor	blue	5 wire	dash fuse box, white 19 pin plug, pin 2
Disarm Defeat	green	5 wire	dash fuse box, white 19 pin plug, pin 5
Parking Lights (+)	yellow (L), brown (R)	+	dash fuse box, white 20 pin plug, pins 10 and 13
Parking Lights (-)	(LIN bus)		
Hazards	green	-	dash fuse box, white 24 pin plug, pin 19
Turn Signal (Left)	green	+	dash fuse box, white 20 pin plug, pin 18
Turn Signal (Right)	white	+	dash fuse box, white 20 pin plug, pin 19

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	purple (L), green (H)	-	dash fuse box, white 16 pin plug, pins 6 and 13
AutoLights	N/A		
Reverse Light	white	+	dash fuse box, white 20 pin plug, pin 2
Left Front Door Trigger	yellow	-	dash fuse box, brown 16 pin plug, pin 16
Right Front Door Trigger	green	-	dash fuse box, brown 16 pin plug, pin 12
Left Rear Door Trigger	red	-	dash fuse box, brown 16 pin plug, pin 7
Right Rear Door Trigger	black	-	dash fuse box, brown 16 pin plug, pin 8
Dome Supervision	yellow	-	dash fuse box, white 6 pin plug, pin 5
Trunk/Hatch Pin	white	-	dash fuse box, brown 16 pin plug, pin 5
Rear Glass Pin	N/A		
Hood Pin	red/white	-	dash fuse box, white 16 pin plug, pin 12
Trunk Hatch/Release	brown (rear handle switch)	-	dash fuse box, brown 16 pin plug, pin 14
Trunk Release Motor	gray	5 wire	dash fuse box, white 20 pin plug, pin 1
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	NOT red/white (I-4) or blue (V6)	ac	any fuel injector
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	N/A		
Fuel Pump	blue	+	dash fuse box, white 2 pin plug, pin 1
Rear Defroster	blue	- latched	dash fuse box, white 24 pin plug, pin 12
Mirror Defroster	same as rear defroster		
Left Front Heated Seat		5 wire	left heated seat switch, 6 pin plug, pin 5
Right Front Heated Seat		5 wire	right heated seat switch, 6 pin plug, pin 5

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	white/blue	ac	radio, white 20 pin plug, pin 11
Brake Wire	red/white	+	brake switch, white 4 pin plug, pin 2
Parking Brake	lt. green	-	parking brake switch, black 1 pin plug, pin 1
Horn Trigger	green	-	horn switch or dash fuse box, white 19 pin plug, pin 19
Wipers	green (L), blue (H)	+	dash fuse box, white 16 pin plug, pins 6 and 5
Left Front Window (Up/Down)	purple - orange	A	power window main switch, white 19 pin plug, pins 2 and 6
Right Front Window (Up/Down)	blue/white - green	A	driver kick, white 12 pin plug, pins 4 and 5
Left Rear Window (Up/Down)	white - blue	A	driver kick, white 12 pin plug, pins 6 and 1
Right Rear Window (Up/Down)	gray - yellow	A	driver kick, white 12 pin plug, pins 10 and 11
Sun Roof (Open/Close)	yellow - green (function with ignition on only)	-	sunroof switch, black 6 pin plug, pins 5 and 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/white	+	radio, white 20 pin plug, pin 10
Radio Ground	black	-	radio, white 20 pin plug, pin 20
Radio Ignition	yellow	+	radio, white 20 pin plug, pin 1
Radio Illumination	green/white (dimmer)	+	radio, white 20 pin plug, pin 9
Factory Amp Turn-on	pink or blue/white	+	radio, white 18 pin plug, pin 17 or 7
Power Antenna	pink	+	radio, white 20 pin plug, pin 14
Left Front Speaker (+/-)	white/blue - black/yellow	+,-	radio, white 20 pin plug, pins 8 and 18
Right Front Speaker (+/-)	white/red - black/red	+,-	radio, white 20 pin plug, pins 6 and 16
Left Rear Speaker (+/-)	yellow/blue - gray/blue	+,-	radio, white 20 pin plug, pins 7 and 17
Right Rear Speaker (+/-)	yellow/red - gray/red	+,-	radio, white 20 pin plug, pins 5 and 15
Center Channel (+/-)	N/A		
Subwoofer (+/-)	green - yellow (1); blue - brown (2)	+,-	amplifier under pass seat, white 18 pin plug, pins 1 and 9; 2 and 10
Aux. Audio Input Left (+/-)	yellow - black	+,-	radio, white 18 pin plug, pins 13 and 14
Aux. Audio Input Right (+/-)	brown - black	+,-	radio, white 18 pin plug, pins 4 and 14
RSE Video (+/-)			
RSE Audio Left (+/-)	yellow - black	+,-	radio, white 18 pin plug, pins 13 and 14
RSE Audio Right (+/-)	brown - black	+,-	radio, white 18 pin plug, pins 4 and 14
Satellite Radio 12 Volts	red/white	+	Sat Radio behind glove box, wht 14 pin plug, pin 1
Satellite Radio Ground	black	-	Sat Radio behind glove box, wht 14 pin plug, pin 8
Satellite Radio Ignition	(CAN bus)		
Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	pink - black	+,-	Satellite Radio, white 14 pin plug, pins 6 and 7
Satellite Audio Right (+/-)	blue - black	+,-	Satellite Radio, white 14 pin plug, pins 14 and 7

What Fits

Item	Size	Depth	Location
Headunit	irregular		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			behind glove box

Additional Wiring Notes

Item	Note
Can Bus Low	On vehicles with KOS (Keyless Operating System), it is purple at the KOS-ECU right of steering column, white 40 pin plug, pin 2.
Left Rear Speaker (+/-)	On vehicles with amplifier, the speaker wires are yellow/blue - gray/blue at the amplifier under the passenger seat, white 14 pin plug, pins 1 and 7.
Key Sense	On vehicles with KOS (Keyless Operating System), the ignition knob push switch is green (+ resistor) at the ignition key switch, white 12 pin plug, pin 4.
Left Front Speaker (+/-)	On vehicles with amplifier, the speaker wires are white/blue - black/yellow at the amplifier under the passenger seat, white 18 pin plug, pins 8 and 18. The tweeter wires are white/blue - black/yellow at the amplifier, white 14 pin plug, pins 6 and 14.
Right Front Speaker (+/-)	On vehicles with amplifier, the speaker wires are white/red - black/red at the amplifier under the passenger seat, white 18 pin plug, pins 7 and 17. The tweeter wires are white/red - black/red at the amplifier, white 14 pin plug, pins 5 and 13.
Right Rear Speaker (+/-)	On vehicles with amplifier, the speaker wires are yellow/red - gray/red at the amplifier under the passenger seat, white 14 pin plug, pins 2 and 8.
Can Bus High	On vehicles with KOS (Keyless Operating System), it is gray at the KOS-ECU right of steering column, white 40 pin plug, pin 1.