2013 Ford Edge (SA Key) - North America

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Green/Red (15A)	+	Ignition Switch, black 7 pin plug, pin 4
Second 12 Volts	Red (30A)	+	BCM in driver kick, black 32 pin plug (D), pin 6
Ground	(chassis ground)		
Starter	Blue/White	+	Ignition Switch, black 7 pin plug, pin 7
Ignition	White/Orange	+	Ignition Switch, black 7 pin plug, pin 1
Accessory	Violet/Green	+	Ignition Switch, black 7 pin plug, pin 6
Keysense	Blue/Gray	+	Ignition Switch, black 7 pin plug, pin 5
CAN Bus High	White/Blue (HS CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 6
CAN Bus Low	White (HS CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 14
CAN Bus High 2	Gray/Orange (MS CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 3
CAN Bus Low 2	Violet/Orange (MS CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 11
OBD 12 Volts	Violet/Red (15A)	+	OBD-Data Link Connector, black 16 pin plug, pin 16
OBD Ground	Black/Gray	-	OBD-Data Link Connector, black 16 pin plug, pin 4
RX DATA	Violet/Gray	Data	PATS Transceiver on ignition switch, black 4 pin plug, pin 4
TX DATA	Yellow/Orange	Data	PATS Transceiver on ignition switch, black 4 pin plug, pin 3
Power Lock	blue/green	-	BCM in driver kick, black 26 pin plug (C), pin 6
Power Unlock	yellow/violet	-	BCM in driver kick, black 26 pin plug (C), pin 8
Lock Motor	gray/brown	reverse	driver kick, door harness
Driver Unlock Motor	blue/green	reverse	driver kick, door harness
Passenger Unlock Motor	violet/gray	reverse	driver kick, harness to rear

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Item	Wire Color	Polarity	Wire Location
Factory Alarm Arm	violet/green and yellow/green (driver door keypad)	both -	driver kick, door harness
Factory Alarm Disarm	(transponder and ignition)		
Parking Lights	yellow/blue	+	BCM in driver kick, gray 10 pin plug (E), pin 6
Parking Lights -	(HS CAN)		
Hazards	brown/yellow	-	BCM in driver kick, black 52 pin plug (B), pin 32
Turn Signal (Left)	blue/green (F); gray/orange (R)	+	BCM in driver kick, brown 26 pin plug (F), pin 8; black 26 pin plug (C), pin 14
Turn Signal (Right)	yellow/violet (F); green/orange (R)	+	BCM in driver kick, brown 26 pin plug (F), pin 7; black 26 pin plug (C), pin 15
Headlight	brown/blue (L); blue/green (R)	+	BCM in driver kick, gray 10 pin plug (E), pins 2, 1
AutoLights	(HS CAN)		
Reverse Light	blue/white	+	BCM in driver kick, black 32 pin plug (D), pin 13
Left Front Door Trigger	green/violet	- N.C.	BCM in driver kick, black 26 pin plug (C), pin 9 --or-- driver kick, door harness
Right Front Door Trigger	white	- N.C.	BCM in driver kick, black 26 pin plug (C), pin 5
Left Rear Door Trigger	green	- N.C.	BCM in driver kick, black 26 pin plug (C), pin 20
Right Rear Door Trigger	yellow	- N.C.	BCM in driver kick, black 26 pin plug (C), pin 21
Dome Light	gray/violet	+	BCM in driver kick, gray 12 pin plug (A), pin 1
Trunk/Hatch Pin	gray/orange	- N.C.	BCM in driver kick, black 26 pin plug (C), pin 19
Hood Pin	blue/orange	- N.C.	BCM in driver kick, brown 26 pin plug (F), pin 2
Power Liftgate	gray/yellow	-	power liftgate switch, black 6 pin plug, pin 6
Trunk/Hatch Release	brown (rear handle switch)	-	BCM in driver kick, black 26 pin plug (C), pin 23
Trunk Release Motor	green/brown	reverse	BCM in driver kick, black 32 pin plug (D), pin 29
Tachometer	green/blue, gray/yellow, violet/gray, yellow/orange, brown, or green/white	ac	any fuel injector, black 2 pin plug, pin 1
Fuel Pump	yellow/violet	-	BCM in driver kick, brown 26 pin plug (F), pin 6

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Item	Wire Color	Polarity	Wire Location
Rear Defroster	white/orange	- latched	junction connector near steering column, black 30 pin plug, pin 5
Mirror Defroster	(same as rear defroster)		
Left Front Heated Seat	(MS CAN)		
Right Front Heated Seat	(MS CAN)		
Speed Sense	brown/green	ac	PCM on passenger firewall, black 50 pin plug, pin 25 (3.5L/3.7L); TCM next to battery, 60 pin plug, pin 51 (2.0L)
Brake Wire	violet/white	+	BCM in driver kick, black 52 pin plug (B), pin 28 --or-- brake switch
Parking Brake	white/violet	-	BCM in driver kick, black 26 pin plug (C), pin 7 --or-- parking brake switch
Horn Trigger	violet/green	-	BCM in driver kick, black 52 pin plug (B), pin 33 --or-- horn switch
Wipers	(LIN Bus)		
Left Front Window (Up/Down)	(motor is part of module)		
Right Front Window (Up/Down)	brown/yellow - green/orange	A	driver kick, door harness
Left Rear Window (Up/Down)	blue/orange - yellow	A	driver kick, door harness
Right Rear Window (Up/Down)	gray/violet - brown/green	A	driver kick, door harness
Sun Roof (Open/Close)	violet/brown - yellow/orange (function with ignition on only)	-	sunroof switch, 8 pin plug, pins 4 - 3
Memory Seat 1	violet/white	-	memory set switch, 8 pin plug, pin 2
Memory Seat 2	yellow	-	memory set switch, 8 pin plug, pin 6
Radio 12V	gray/red	+	radio, 24 pin plug, pin 1
Radio Ground	black/blue	-	radio, 24 pin plug, pin 13
Radio Ignition	(Infotainment CAN)		
Radio Illumination	(Infotainment CAN)		
Factory Amp Turn-on	violet/red	+	radio, 26 pin plug, pin 18
Power Antenna	black	+	radio, 24 pin plug, pin 2
Left Front Speaker (+/-)	white - white/brown or yellow/violet - brown/blue	+,-	radio, 24 pin plug, pins 22 - 10
Right Front Speaker (+/-)	white/violet - white/orange or violet - yellow	+,-	radio, 24 pin plug, pins 23 - 11

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Item	Wire Color	Polarity	Wire Location
Left Rear Speaker (+/-)	white/green - brown/yellow	+,-	radio, 24 pin plug, pins 21 - 9
Right Rear Speaker (+/-)	brown/white - brown/blue	+,-	radio, 24 pin plug, pins 24 - 12
Center Channel (+/-)	green - gray/yellow	+,-	amplifier in right rear quarter panel, 16 pin plug, pins 1 - 9
Subwoofer (+/-)	violet - yellow (1); green/violet - gray (2)	+,-	amplifier in right rear quarter panel, 16 pin plug, pins 1 - 9; 2 - 10
Aux. Audio Input Left (+/-)	blue - yellow/green (without SYNC)	+,-	radio, 24 pin plug, pins 17 - 6
Aux. Audio Input Right (+/-)	blue/green - yellow/green (without SYNC)	+,-	radio, 24 pin plug, pins 18 - 6
Rearview Camera Video	white/green - brown/violet	+,-	SYNC Module above radio, 54 pin plug, pins 14 - 15
RSE Video (+/-)	blue/white - green/blue (aux. video)	+,-	SYNC Module above radio, 54 pin plug, pins 34 - 35
RSE Audio Left (+/-)	blue - gray/orange (SYNC audio)	+,-	radio, 26 pin plug, pins 12 - 25
RSE Audio Right (+/-)	violet/green - brown/white (SYNC audio)	+,-	radio, 26 pin plug, pins 13 - 26
Satellite Radio 12 Volts	(built into radio)		

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What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	6 x 8	4	left front door
Left Front Tweeter			left front pillar
Right Front Speaker	6 x 8	4	right front door
Right Front Tweeter			right front pillar
Left Rear Speaker	6 x 8	3.8	left rear door
Left Rear Tweeter			left rear pillar
Right Rear Speaker	6 x 8	3.8	right rear door
Right Rear Tweeter			right rear pillar
Center Channel			top center of dash
Subwoofer	8		right rear quarter panel

Additional Wiring Notes

Item	Note
Left Front Speaker (+/-)	On models with amplifier, the speaker wires are white - white/brown at the amplifier in right rear quarter panel, 16 pin plug, pins 2 - 10. The tweeter wires are green/orange - gray/orange at the amplifier, 16 pin plug, pins 3 - 11.
Left Rear Speaker (+/-)	On models with amplifier, the speaker wires are white/green - brown/yellow at the amplifier in right rear quarter panel, 16 pin plug, pins 4 - 12. The tweeter wires are green/brown - gray/brown at the amplifier, 16 pin plug, pins 5 - 13.
Right Front Speaker (+/-)	On models with amplifier, the speaker wires are white/purple - white/orange at the amplifier in right rear quarter panel, 16 pin plug, pins 6 - 14. The tweeter wires are purple/orange - yellow/orange at the amplifier, 16 pin plug, pins 7 - 15.
Right Rear Speaker (+/-)	On models with amplifier, the speaker wires are brown/white - brown/blue at the amplifier in right rear quarter panel, 16 pin plug, pins 8 - 16. The tweeter wires are green/brown - gray/brown at the amplifier, 16 pin plug, pins 5 - 13.