

## 2016 Ford Edge (Smart Key) - North America

**Wiring Information**

Item	Wire Color	Polarity	Wire Location
12 Volts	Brown/Red (50A)	+	BCM-Dash Fuse Box, black 22 pin plug (B), pin 22
Ground	(chassis ground)		
Ignition	Blue/Gray (for ignition sense only)	+	BCM-Dash Fuse Box, black 22 pin plug (H), pin 6
Accessory	Brown/Yellow (for delayed accessory sense only)	+	BCM-Dash Fuse Box, black 36 pin plug (F), pin 30
PTS 1	Brown/Violet	+	Start Stop Button, black 6 pin plug, pin 1
PTS 2	Yellow/Orange	-	Start Stop Button, black 6 pin plug, pin 6
CAN Bus High	White/Blue (HS CAN)	Data	Gateway Module right of steering column, black 24 pin plug, pin 20
CAN Bus Low	White (HS CAN)	Data	Gateway Module right of steering column, black 24 pin plug, pin 19
CAN Bus High 2	Gray/Orange or Orange (MS CAN)	Data	Gateway Module right of steering column, black 24 pin plug, pin 23
CAN Bus Low 2	Violet/Orange or Violet (MS CAN)	Data	Gateway Module right of steering column, black 24 pin plug, pin 22
CAN Bus High 3	Green/Orange (HS2 CAN)	Data	Gateway Module right of steering column, black 24 pin plug, pin 18
CAN Bus Low 3	Gray/Blue (HS2 CAN)	Data	Gateway Module right of steering column, black 24 pin plug, pin 17
OBD 12 Volts	Green/Red (10A)	+	OBD-Data Link Connector, black 16 pin plug, pin 16
OBD Ground	Black/Gray	-	OBD-Data Link Connector, black 16 pin plug, pin 4
IMMO Data	(PATS antenna is in center console under armrest)		
Power Lock	gray	-	Driver Door Module, 24 pin plug, pin 20
Power Unlock	violet	-	Driver Door Module, 24 pin plug, pin 10
Lock Motor	gray/brown	5 wire	BCM-Dash Fuse Box, black 36 pin plug (F), pin 35

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Driver Unlock Motor	blue/green	5 wire	BCM-Dash Fuse Box, black 36 pin plug (F), pin 27
Passenger Unlock Motor	brown/green	5 wire	BCM-Dash Fuse Box, black 36 pin plug (F), pin 32
Factory Alarm Arm	yellow/gray (driver door key lock)	-	Driver Door Module, black 20 pin plug, pin 11
Factory Alarm Disarm	violet/brown (driver door key unlock)	-	Driver Door Module, black 20 pin plug, pin 4
Disarm No Unlock	(proximity key and push-button)		
Parking Lights	blue/gray (F); blue/gray (R)	+	BCM-Dash Fuse Box, black 22 pin plug (B), pin 3; black 36 pin plug (F), pin 12
Parking Lights -	gray	-	headlight switch, black 16 pin plug, pin 11
Parking Lights Interrupt	black/blue	cut	headlight switch, black 16 pin plug, pin 4
Hazards	brown/yellow	-	BCM-Dash Fuse Box, black 52 pin plug (G), pin 19
Turn Signal (Left)	blue/green (F); gray/orange (R)	+	BCM-Dash Fuse Box, black 40 pin plug (C), pin 39; blue 52 pin plug (D), pin 26
Turn Signal (Right)	yellow/violet (F); green/orange (R)	+	BCM-Dash Fuse Box, black 40 pin plug (C), pin 38; blue 52 pin plug (D), pin 52
Headlight	yellow/blue (headlight); black/blue (switch ground)	- and cut	headlight switch, black 16 pin plug, pins 12, 4
AutoLights	violet/green	cut	headlight switch, black 16 pin plug, pin 13
Reverse Light	blue/white	+	BCM-Dash Fuse Box, black 36 pin plug (F), pin 11
Left Front Door Trigger	green/violet	- N.C.	BCM-Dash Fuse Box, blue 52 pin plug (D), pin 33
Right Front Door Trigger	white	- N.C.	BCM-Dash Fuse Box, blue 52 pin plug (D), pin 21
Left Rear Door Trigger	green	- N.C.	BCM-Dash Fuse Box, blue 52 pin plug (D), pin 46
Right Rear Door Trigger	yellow	- N.C.	BCM-Dash Fuse Box, blue 52 pin plug (D), pin 19

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Item	Wire Color	Polarity	Wire Location
Dome Light	gray/violet	+	BCM-Dash Fuse Box, black 36 pin plug (F), pin 13
Trunk/Hatch Pin	yellow/orange	- N.C.	BCM-Dash Fuse Box, blue 52 pin plug (D), pin 34
Hood Pin	blue/orange	- N.C.	BCM-Dash Fuse Box, black 40 pin plug (C), pin 14
Power Liftgate	gray/yellow	-	power liftgate switch, brown 6 pin plug, pin 6
Trunk/Hatch Release	brown (rear handle switch)	-	BCM-Dash Fuse Box, blue 52 pin plug (D), pin 1
Trunk Release Motor	green/white (without power liftgate)	5 wire	BCM-Dash Fuse Box, black 36 pin plug (F), pin 31
Tachometer	green/blue (fuel injector 1)	ac	PCM on passenger side of engine, 95 pin plug, pin 84 or 1
Fuel Pump	yellow/violet	-	BCM-Dash Fuse Box, black 40 pin plug (C), pin 26
Rear Defroster	brown/blue	- latched	Front Controls Interface Module, black 26 pin plug, pin 7
Mirror Defroster	(MS CAN)		
Left Front Heated Seat	(MS CAN)		
Right Front Heated Seat	(MS CAN)		
Speed Sense	brown/green (2.0L); yellow/orange (2.7L, 3.5L)	ac	PCM on passenger side of engine, 95 pin plug, pin 12 or 26
Brake Wire	violet/white	+	brake switch or BCM-Dash Fuse Box, black 22 pin plug (H), pin 1
Parking Brake	(electric parking brake)		
Horn Trigger	green/white	-	horn switch or BCM-Dash Fuse Box, black 52 pin plug (G), pin 18
Wipers	(LIN bus)		
Left Front Window (Up/Down)	blue - green	A	Driver Door Module, 24 pin plug, pins 14 - 13
Right Front Window (Up/Down)	white - gray/yellow	A	Passenger Door Module, 24 pin plug, pins 14 - 13
Left Rear Window (Up/Down)	green/violet - brown	A	left rear window switch, 8 pin plug, pins 6 - 7

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Item	Wire Color	Polarity	Wire Location
Right Rear Window (Up/Down)	white/violet - gray	A	right rear window switch, 8 pin plug, pins 6 - 7
Sun Roof (Open/Close)	violet/brown - yellow/orange (function with ignition on only)	-	left front pillar, 22 pin plug, pins 10 - 22
Memory Seat 1	violet/white	-	Driver Door Module, black 20 pin plug, pin 1
Memory Seat 2	yellow	-	Driver Door Module, black 20 pin plug, pin 3
Memory Seat 3	blue/orange	-	Driver Door Module, black 20 pin plug, pin 2
Radio 12V	white/brown	+	radio, black 24 pin plug, pin 1
Radio Ground	black/gray	-	radio, black 24 pin plug, pin 13
Radio Ignition	(HS CAN)		
Factory Amp Turn-on	brown	+	radio, black 26 pin plug, pin 18
Power Antenna	green/violet	+	radio, black 24 pin plug, pin 2
Left Front Speaker (+/-)	white - white/brown or yellow/violet - brown/blue	+,-	radio, black 24 pin plug, pins 22 - 10
Right Front Speaker (+/-)	white/violet - white/orange or yellow/orange - white/green	+,-	radio, black 24 pin plug, pins 23 - 11
Left Rear Speaker (+/-)	white/green - brown/yellow or gray/violet - brown/violet	+,-	radio, black 24 pin plug, pins 21 - 9
Right Rear Speaker (+/-)	brown/white - brown/blue or green/violet - gray	+,-	radio, black 24 pin plug, pins 24 - 12
Center Channel (+/-)	green - gray/yellow	+,-	radio, black 24 pin plug, pins 20 - 8
Subwoofer (+/-)	white - blue/green (1); white/brown - violet/orange (2)	+,-	amplifier in left rear quarter panel, blue 16 pin plug, pins 1 - 9; 2 - 10
Aux. Audio Input Left (+/-)	blue - gray/orange (SYNC audio)	+,-	radio, black 26 pin plug, pins 12 - 25
Aux. Audio Input Right (+/-)	violet/green - brown/white (SYNC audio)	+,-	radio, black 26 pin plug, pins 13 - 26
Rearview Camera Video	blue/brown - brown/green or green/blue - violet/gray	+,-	Front Control/Display, black 12 pin plug, pins 6 - 12 or SYNC Module/Display, black 54 pin plug, pins 14 - 15

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***What Fits***

Item	Size	Depth	Location
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**2016 Ford Edge (Smart Key) - North America*****Additional Wiring Notes***

Item	Note
Center Channel (+/-)	On models with amplifier, the speaker wires are green - gray/yellow at the amplifier in left rear quarter panel, gray 16 pin plug, pins 1 - 9.
Left Front Speaker (+/-)	On models with amplifier, the speaker wires are white - white/brown (woofer); green/orange - gray/orange (tweeter) at the amplifier in left rear quarter panel, gray 16 pin plug, pins 2 - 10; 3 - 11.
Left Rear Speaker (+/-)	On models with amplifier, the speaker wires are white/green - brown/yellow (woofer/tweeter); gray/yellow - brown/yellow (surround) at the amplifier in left rear quarter panel, gray 16 pin plug, pins 4 - 12; 5 - 13.
Parking Lights Interrupt	See Tech Doc 1096
Right Front Speaker (+/-)	On models with amplifier, the speaker wires are white/purple - white/orange (woofer); purple/orange - yellow/orange (tweeter) at the amplifier in left rear quarter panel, gray 16 pin plug, pins 6 - 14; 7 - 15.
Right Rear Speaker (+/-)	On models with amplifier, the speaker wires are brown/white - brown/blue (woofer/tweeter); green/purple - yellow/purple (surround) at the amplifier in left rear quarter panel, gray 16 pin plug, pins 8 - 16; 5 - 13.