

2015 Ford C-Max - North America

**Wiring Information**

Item	Wire Color	Polarity	Wire Location
12 Volts	yellow (50A); red (50A)	+	BCM behind glove box, green 2 pin plug (G), pins 1, 2
Second 12 Volts	purple/red (5A only)	+	ignition switch, black 7 pin plug, pin 4
Starter	blue/white	+	ignition sw, blk 7 pin plug, pin 7 or near BCM, black 27 pin plug, pin 4
Ignition	brown/yellow	+	ignition sw, blk 7 pin plug, pin 1 or BCM, blue 60 pin plug (C), pin 43
Accessory	purple/green	+	ignition sw, blk 7 pin plug, pin 6 or BCM, blue 60 pin plug (C), pin 44
Keysense	blue/gray	+	ignition sw, blk 7 pin plug, pin 5 or BCM, blue 60 pin plug (C), pin 46
Data Bus	yellow/orange (TX); purple/gray (RX)	data	PATS Transcvr or BCM bhnd glove box, blu 60 pin plg (C), pins 54, 34
CAN Bus High	gray/orange (MS CAN); white/blue (HS CAN)	data	data link conn or BCM, grn 42 pin plg(A), pin 41; bu 60P plg(C), pin 7
CAN Bus Low	purple/orange (MS CAN); white (HS CAN)	data	data link conn or BCM, grn 42 pin plg(A), pin 40; bu 60P plg(C), pin 8
Power Lock	gray/yellow	-	BCM behind glove box, brown 60 pin plug (B), pin 36
Power Unlock	purple/gray	-	BCM behind glove box, blue 60 pin plug (C), pin 26
Lock Motor	black	5 wire	Driver Door Module, black 22 pin plug, pin 3
Driver Unlock Motor	black	5 wire	Driver Door Module, black 22 pin plug, pin 4
Passenger Unlock Motor	black	5 wire	Passenger Door Module, black 22 pin plug, pin 4
Factory Alarm Arm	(arms with lock)		
Factory Alarm Disarm	(see disarm no unlock)		
Disarm No Unlock	(transponder and ignition)		
Parking Lights (+)	yellow/blue (L); brown/yellow (R)	+	BCM behind glove box, green 42 pin plug (A), pins 1, 26
Parking Lights (-)	(LIN bus)		

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Item	Wire Color	Polarity	Wire Location
Hazards	brown/yellow	-	BCM behind glove box, blue 60 pin plug (C), pin 27
Turn Signal (Left)	blue/green (F); gray/orange (R)	+	BCM, green 42 pin plug (A), pin 24; brown 60 pin plug (B), pin 6
Turn Signal (Right)	yellow/purple (F); green/orange (R)	+	BCM, green 42 pin plug (A), pin 22; brown 60 pin plug (B), pin 3
Headlight	brown/blue (L); blue/green (R)	+	BCM behind glove box, green 20 pin plug (D), pins 2, 1
AutoLights	(LIN bus)		
Reverse Light	green/brown	+	BCM behind glove box, gray 20 pin plug (E), pin 19
Left Front Door Trigger	green/purple	- N.C.	BCM behind glove box, brown 60 pin plug (B), pin 45
Right Front Door Trigger	white	- N.C.	BCM behind glove box, brown 60 pin plg (B), pin 46
Left Rear Door Trigger	green	- N.C.	BCM behind glove box, brown 60 pin plg (B), pin 44
Right Rear Door Trigger	yellow	- N.C.	BCM behind glove box, brown 60 pin plg (B), pin 25
Dome Light	white/brown	-	BCM behind glove box, gray 20 pin plug (H), pin 11
Trunk/Hatch Pin	yellow/orange	- N.C.	BCM behind glove box, brown 60 pin plug (B), pin 47
Hood Pin	blue/orange	- N.C.	BCM behind glove box, green 42 pin plug (A), pin 15
Trunk/Hatch Release	brown (rear handle sw); gray/yellow (pwr liftgate)	-	BCM, brown 60 pin plg (B), pin 49; pwr liftgate sw, gy 12 pin plg, pin 4
Trunk Release Motor	yellow/purple	+	BCM behind glove box, gray 20 pin plug (E), pin 12
Fuel Door Release	brown/yellow (Energi models only)	-	release sw or BCM behind glove box, green 42 pin plug (A), pin 12
Tachometer	green/blue, gray/yellow, brown, or yellow/orange	ac	any fuel injector, gray or black 2 pin plug, pin 1
Fuel Pump	gray/yellow	+	BCM behind glove box, gray 20 pin plug (E), pin 9

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Item	Wire Color	Polarity	Wire Location
Rear Defroster	blue/gray	-	BCM behind glove box, blue 60 pin plug (C), pin 45
Mirror Defroster	(same as rear defroster)		
Left Front Heated Seat	brown	+ 5K ohms	driver heated seat switch, gray 6 pin plug, pin 5
Right Front Heated Seat	brown	+ 5K ohms	passenger heated seat switch, 6 pin plug, pin 5
Speed Sense	(wheel speed sensor)		
Brake Wire	green/red	+	brake switch or BCM behind glove box, green 42 pin plug (A), pin 16
Parking Brake	white/purple	-	prkng brk sw or BCM behind glove box, blue 60 pin plug (C), pin 25
Horn Trigger	purple/green	-	BCM behind glove box, green 42 pin plug (A), pin 31
Wipers	white	-	BCM behind glove box, green 42 pin plug (A), pin 27
Left Front Window (Up/Down)	blue - green	A	Driver Door Module, black 22 pin plug, pins 1 - 12
Right Front Window (Up/Down)	white - gray/yellow	A	Passenger Door Module, black 22 pin plug, pins 1 - 12
Left Rear Window (Up/Down)	gray/brown - purple/orange	A	Left Rear Door Module, black 22 pin plug, pins 12 - 1
Right Rear Window (Up/Down)	purple/white - yellow/orange	A	Right Rear Door Module, black 22 pin plug, pins 12 - 1
Radio 12V	brown/red	+	radio, black 24 pin plug, pin 1
Radio Ground	black	-	radio, black 24 pin plug, pin 13
Radio Ignition	(Infotainment CAN)		
Radio Illumination	(Infotainment CAN)		
Factory Amp Turn-on	yellow/purple	+	radio, black 24 pin plug, pin 7 or black 26 pin plug, pin 18
Power Antenna	yellow/orange	+	radio, black 24 pin plug, pin 2
Left Front Speaker (+/-)	white - white/brown (preamp)	+,-	radio, black 24 pin plug, pins 22 - 10
Right Front Speaker (+/-)	white/purple - white/orange (preamp)	+,-	radio, black 24 pin plug, pins 23 - 11

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Item	Wire Color	Polarity	Wire Location
Left Rear Speaker (+/-)	brown/green - brown/yellow (preamp)	+,-	radio, black 24 pin plug, pins 21 - 9
Right Rear Speaker (+/-)	brown/white - brown/blue (preamp)	+,-	radio, black 24 pin plug, pins 24 - 12
Center Channel (+/-)	green - gray/yellow	+,-	radio, black 24 pin plug, pins 20 - 8
Aux. Audio Input Left (+/-)	blue - gray/orange (SYNC audio)	+,-	radio, black 26 pin plug, pins 12 - 25
Aux. Audio Input Right (+/-)	purple/green - brown/white (SYNC Audio)	+,-	radio, black 26 pin plug, pins 13 - 26
RSE Video (+/-)	blue - green (rear view camera video)	+,-	SYNC mod behind display, bk 54 pin plg, pins 14-15
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			left front door
Left Front Tweeter			left front dash
Right Front Speaker			right front door
Right Front Tweeter			right front dash
Left Rear Speaker			left rear door
Left Rear Tweeter			left rear door
Right Rear Speaker			right rear door
Right Rear Tweeter			right rear door
Center Channel			top center of dash
Satellite Radio Tuner	(built into radio)		

2015 Ford C-Max - North America***Additional Wiring Notes***

Item	Note
Left Front Speaker (+/-)	The speaker wires are white - white/brown at the amplifier behind the glove box, 16 pin plug, pins 3 - 11.
Left Rear Speaker (+/-)	The speaker wires are brown/green - brown/yellow at the amplifier behind the glove box, 16 pin plug, pins 4 - 12.
Right Front Speaker (+/-)	The speaker wires are white/purple - white/orange at the amplifier behind the glove box, 16 pin plug, pins 5 - 13.
Right Rear Speaker (+/-)	The speaker wires are brown/white - brown/blue at the amplifier behind the glove box, 16 pin plug, pins 6 - 14.