

## 2010 Jaguar XF



## Wiring Information

Item	Wire Color	Polarity	Wire Location
<b>12 Volts</b>	red (250A)	+	Central Junction Box
<b>Second 12 Volts</b>	N/A		
<b>Starter</b>	yellow/orange	- 1K ohms	start/stop button or CJB, purple 20 pin plug, pin 16
<b>Second Starter</b>	green/brown	+	Engine Junction Box, black 168 pin plug, pin Q5
<b>Ignition</b>	green/purple (for ignition sense only)	+	start/stop button or CJB, green 20 pin plug, pin 8
<b>Second Ignition</b>	N/A		
<b>Third Ignition</b>	N/A		
<b>Accessory</b>	gray/red (for accessory sense only)	+	front accessory socket or CJB, gray 6 pin plug, pin 4
<b>Second Accessory</b>	N/A		
<b>Third Accessory</b>	N/A		
<b>Key Sense</b>	N/A		
<b>Data Bus</b>	N/A		
<b>Can Bus High</b>	gray/orange (MS CAN)	data	diagnostic conn, blk 16 pin plg, pin 3 or CJB, brn 20 pin plg, pin 3
<b>Can Bus Low</b>	purple/orange (MS CAN)	data	diagnostic conn, blk 16 pin plg, pin 11 or CJB, brn 20 pin plg, pin4
<b>Can Bus Sw</b>	N/A		
<b>Power Lock</b>	gray/brown	-	master lock switch or CJB, green 20 pin plug, pin 3
<b>Power Unlock</b>	brown/green	-	master unlock switch or CJB, green 20 pin plug, pin 11
<b>Lock Motor</b>	black	5 wire	Driver Door Module, black 22 pin plug, pin 10
<b>Unlock Motor</b>	black	5 wire	Driver Door Module, black 22 pin plug, pin 7
<b>Disarm Defeat</b>	black	5 wire	Passenger Door Module, gray 22 pin plug, pin 7
<b>Parking Lights (+)</b>	green/orange (LF), brown/yellow (RF)	+	CJB, blue 20 pin plug, pins 5 and 17
<b>Parking Lights (-)</b>	yellow/blue (need to relay isolate from switch)	- 236 ohms	headlight switch, black 6 pin plug, pin 4
<b>Hazards</b>	brown/yellow	-	hazard switch, black 10 pin plug, pin 10 or pass kick, harness to rear
<b>Turn Signal (Left)</b>	blue/green (F), gray/orange (R)	+	Rear Junction Box, blue 20 pin plug, pins 7 and 19
<b>Turn Signal (Right)</b>	yellow/purple (F), green/orange (R)	+	Rear Junction Box, gray 20 pin plug, pins 6 and 19

*Wiring Information (Continued)*

Item	Wire Color	Polarity	Wire Location
<b>Headlight</b>	yellow/blue (need to relay isolate from switch)	- 506 ohms	headlight switch, black 6 pin plug, pin 4
<b>AutoLights</b>	yellow/blue (need to relay isolate from switch)	- 56 ohms	headlight switch, black 6 pin plug, pin 4
<b>Reverse Light</b>	green/brown	+	Rear Junction Box, blue 20 pin plug, pin 13
<b>Left Front Door Trigger</b>	green/purple	-	CJB, green 20 pin plug, pin 13
<b>Right Front Door Trigger</b>	white	-	CJB, brown 20 pin plug, pin 19
<b>Left Rear Door Trigger</b>	green	-	CJB, brown 20 pin plug, pin 7
<b>Right Rear Door Trigger</b>	yellow	-	CJB, brown 20 pin plug, pin 2
<b>Dome Supervision</b>	gray/purple	-	footwell lamp or Rear Junction Box, white 20 pin plug, pin 2
<b>Trunk/Hatch Pin</b>	yellow/orange	- N.C.	CJB, brown 20 pin plug, pin 9
<b>Rear Glass Pin</b>	N/A		
<b>Hood Pin</b>	black	-	CJB, green 20 pin plug, pin 12
<b>Trunk Hatch/Release</b>	white	-	trunk release switch, black 12 pin plug, pin 2
<b>Trunk Release Motor</b>	brown/purple	5 wire	Rear Junction Box, white 20 pin plug, pin 5
<b>Fuel Door Release</b>	white/purple	5 wire	Rear Junction Box, white 20 pin plug, pin 15
<b>Power Sliding Door (Left)</b>	N/A		
<b>Power Sliding Door (Right)</b>	N/A		
<b>Factory Alarm Arm</b>	black (driver door key cylinder)	-	Driver Door Module, black 22 pin plug, pin 21
<b>Factory Alarm Disarm</b>	black (driver door key cylinder)	double -	Driver Door Module, black 24 pin plug, pin 22
<b>Disarm No Unlock</b>	Smart Key and push-button start		
<b>Trunk Alarm Shunt</b>	N/A		
<b>Tachometer</b>	NOT purple/gray	ac	any fuel injector
<b>Wait to Start</b>	N/A		
<b>Neutral Safety</b>	N/A		
<b>Clutch Pedal</b>	N/A		
<b>Fuel Pump</b>	white/orange	+	Rear Junction Box, green 12 pin plug, pin 1
<b>Rear Defroster</b>	green/blue	+ latched	Rear Junction Box, gray 6 pin plug, pin 4
<b>Mirror Defroster</b>	black (L), black (R)	+ latched	Driver/Passenger Door Module, black or gray 24 pin plug, pin 10
<b>Left Front Heated Seat</b>	purple/green (except climate controlled)	5 wire	CJB, white 20 pin plug, pin 2
<b>Right Front Heated Seat</b>	yellow/green (except climate controlled)	5 wire	CJB, white 20 pin plug, pin 8

## Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
<b>Speed Sense</b>	blue (with sunroof only)	ac	driver A pillar or driver kick, harness to engine compartment
<b>Brake Wire</b>	purple/brown	+	brake switch or CJB, purple 20 pin plug, pin 7
<b>Parking Brake</b>	(electric parking brake)		
<b>Horn Trigger</b>	blue/white	-	horn switch, white 10 pin plug, pin 7 or pass kick, harness to rear
<b>Wipers</b>	gray/brown	-	CJB, gray 20 pin plug, pin 4
<b>Left Front Window (Up/Down)</b>	(not recommended because of factory auto up/down)		
<b>Right Front Window (Up/Down)</b>	(not recommended because of factory auto up/down)		
<b>Left Rear Window (Up/Down)</b>	(not recommended because of factory auto up/down)		
<b>Right Rear Window (Up/Down)</b>	(not recommended because of factory auto up/down)		
<b>Sun Roof (Open/Close)</b>	pur/brn - yel/org (function with ignition on only)	-	overhead console, gray 20 pin plug, pins 14 and 16
<b>Sun Roof (Limit/Close)</b>	N/A		
<b>Memory Seat 1</b>	black to gray/purple	- resistor	memory switch, black 8 pin plug, pin 4 or driver kick, door harness
<b>Memory Seat 2</b>	same as memory seat 1	- resistor	
<b>Memory Seat 3</b>	N/A		
<b>Radio 12V</b>	yellow/red	+	radio, lt. gray 14 pin plug, pin 1
<b>Radio Ground</b>	black	-	radio, lt. gray 14 pin plug, pin 8
<b>Radio Ignition</b>	(MS CAN)		
<b>Radio Illumination</b>	(MS CAN)		
<b>Factory Amp Turn-on</b>	(MOST bus)		
<b>Power Antenna</b>	yellow/green	+	radio, lt. gray 14 pin plug, pin 2
<b>Left Front Speaker (+/-)</b>	white - white/brown	+,-	radio, gray 12 pin plug, pins 6 and 12
<b>Right Front Speaker (+/-)</b>	white/purple - white/orange	+,-	radio, gray 12 pin plug, pins 1 and 7
<b>Left Rear Speaker (+/-)</b>	white/green - brown/yellow	+,-	radio, gray 12 pin plug, pins 3 and 9
<b>Right Rear Speaker (+/-)</b>	brown/white - brown/blue	+,-	radio, gray 12 pin plug, pins 4 and 10
<b>Center Channel (+/-)</b>	green - gray/yellow	+,-	amplifier, lt. gray 10 pin plug, pins 8 and 3
<b>Subwoofer (+/-)</b>	purple/grn - green/wht (1); wht/brn - pur/org (2)	+,-	amplifier, green 16 pin plug, pins 16 and 8; 10 and 2
<b>Aux. Audio Input Left (+/-)</b>	blue - yellow/green	+,-	radio, lt. gray 14 pin plug, pins 10 and 11
<b>Aux. Audio Input Right (+/-)</b>	blue/green - yellow/green	+,-	radio, lt. gray 14 pin plug, pins 12 and 11
<b>RSE Video (+/-)</b>	yellow/gray - (shield) (TV receiver video input)	+,-	touch screen display, 2 pin plug, pins 1 and 2
<b>RSE Audio Left (+/-)</b>	(MOST bus)		

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DirectWire Vehicle Information - 6/4/2012 8:07:58 AM			
RSE Audio Right (+/-)	(MOST bus)		
Satellite Radio 12 Volts	white/red	+	SDARS Module, black 2 pin plug, pin 1
Satellite Radio Ground	black	-	SDARS Module, black 2 pin plug, pin 2
Satellite Radio Ignition	(MOST bus)		
Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	(MOST bus)		
Satellite Audio Right (+/-)	(MOST bus)		

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*What Fits*

Item	Size	Depth	Location
<b>Headunit</b>	irregular		center of dash
<b>Left Front Speaker</b>			left front door
<b>Left Front Tweeter</b>			left front door
<b>Right Front Speaker</b>			right front door
<b>Right Front Tweeter</b>			right front door
<b>Left Rear Speaker</b>			left rear door
<b>Left Rear Tweeter</b>			left rear door (tweeter), rear deck (surround)
<b>Right Rear Speaker</b>			right rear door
<b>Right Rear Tweeter</b>			right rear door (tweeter), rear deck (surround)
<b>Center Channel</b>			top center of dash
<b>Subwoofer</b>			spare tire well
<b>Left Front Headrest</b>			
<b>Right Front Headrest</b>			
<b>Left Right Headrest</b>			
<b>Right Rear Headrest</b>			
<b>Satellite Radio Tuner</b>			under driver seat

*Additional Wiring Notes*

Item	Note
<b>Starter</b>	The CJB (Central Junction Box) is in the passenger kick.
<b>Accessory</b>	The CJB (Central Junction Box) is in the passenger kick.
<b>Left Front Door Trigger</b>	The CJB (Central Junction Box) is in the passenger kick.
<b>Right Front Door Trigger</b>	The CJB (Central Junction Box) is in the passenger kick.
<b>Subwoofer (+/-)</b>	If equipped, the amplifier is in the left side of the luggage compartment.
<b>Left Front Speaker (+/-)</b>	If equipped, the amplifier is in the left side of the luggage compartment. On vehicles with amplifier the speaker wires are white - white/brown at the amplifier, green 16 pin plug, pins 12 and 4. The tweeter wires are green/orange - gray/orange at the amplifier, green 16 pin plug, pins 9 and 1.
<b>Left Rear Door Trigger</b>	The CJB (Central Junction Box) is in the passenger kick.
<b>Right Rear Door Trigger</b>	The CJB (Central Junction Box) is in the passenger kick.
<b>Trunk/Hatch Pin</b>	The CJB (Central Junction Box) is in the passenger kick.
<b>Trunk Release Motor</b>	The Rear Junction Box is in the right side of the luggage compartment.
<b>Fuel Door Release</b>	The Rear Junction Box is in the right side of the luggage compartment.
<b>AutoLights</b>	This is the resistance to turn off autolights.
<b>Parking Lights (+)</b>	The CJB (Central Junction Box) is in the passenger kick. The LR is purple/green, at the Rear Junction Box, blue 20 pin plug, pin 16, and RR is white/orange at the Rear Junction Box, gray 20 pin plug, pin 4. The Rear Junction Box is in the right side of the luggage compartment.
<b>Brake Wire</b>	The CJB (Central Junction Box) is in the passenger kick.
<b>Reverse Light</b>	The Rear Junction Box is in the right side of the luggage compartment.
<b>Turn Signal (Left)</b>	The Rear Junction Box is in the right side of the luggage compartment.
<b>Turn Signal (Right)</b>	The Rear Junction Box is in the right side of the luggage compartment.
<b>Dome Supervision</b>	The Rear Junction Box is in the right side of the luggage compartment.
<b>Right Front Speaker (+/-)</b>	If equipped, the amplifier is in the left side of the luggage compartment. On vehicles with amplifier the speaker wires are white/purple - white/orange at the amplifier, green 16 pin plug, pins 13 and 5. The tweeter wires are purple/orange - yellow/orange at the amplifier, green 16 pin plug, pins 11 and 3.
<b>Left Rear Speaker (+/-)</b>	If equipped, the amplifier is in the left side of the luggage compartment. On vehicles with amplifier the speaker wires are white/green - brown/yellow at the amplifier, green 16 pin plug, pins 14 and 6. The surround wires are green/blue - gray/blue at the amplifier, lt. gray 10 pin plug, pins 6 and 1.
<b>Right Rear Speaker (+/-)</b>	If equipped, the amplifier is in the left side of the luggage compartment. On vehicles with amplifier the speaker wires are brown/white - brown/blue at the amplifier, green 16 pin plug, pins 15 and 7. The surround wires are purple/gray - yellow/gray at the amplifier, lt. gray 10 pin plug, pins 7 and 2.
<b>Center Channel (+/-)</b>	If equipped, the amplifier is in the left side of the luggage compartment.
<b>Satellite Radio 12 Volts</b>	If equipped, the SDARS Module is under the driver seat.
<b>Second Starter</b>	The Engine Junction Box is on the passenger fender.
<b>Can Bus High</b>	The CJB (Central Junction Box) is in the passenger kick. The HS CAN high is white/blue at the diagnostic connector, black 16 pin plug, pin 6.
<b>Can Bus Low</b>	The CJB (Central Junction Box) is in the passenger kick. The HS CAN low is white at the diagnostic connector, black 16 pin plug, pin 14.
<b>Hood Pin</b>	The CJB (Central Junction Box) is in the passenger kick.
<b>Tachometer</b>	On 5.0L models, the injector wire colors are green/blue, gray/yellow, purple, yellow/orange, brown, green/white, gray/brown, or purple/orange.
<b>Fuel Pump</b>	The Rear Junction Box is in the right side of the luggage compartment.
<b>Rear Defroster</b>	The Rear Junction Box is in the right side of the luggage compartment.
<b>Left Front Heated Seat</b>	The CJB (Central Junction Box) is in the passenger kick.
<b>Right Front Heated Seat</b>	The CJB (Central Junction Box) is in the passenger kick.