

## 2008 Jaguar XJ Series



### Wiring Information

Item	Wire Color	Polarity	Wire Location
<b>12 Volts</b>	red/blue (20A)	+	ignition switch, black 7 pin plug, pin 4
<b>Second 12 Volts</b>	N/A		
<b>Starter</b>	yellow	+	ignition switch, black 7 pin plug, pin 1
<b>Second Starter</b>	N/A		
<b>Ignition</b>	red/blue	+	ignition switch, black 7 pin plug, pin 7
<b>Second Ignition</b>	N/A		
<b>Third Ignition</b>	N/A		
<b>Accessory</b>	yellow	+	ignition switch, black 7 pin plug, pin 2
<b>Second Accessory</b>	N/A		
<b>Third Accessory</b>	N/A		
<b>Key Sense</b>	red/white (required)	+	ignition switch, black 7 pin plug, pin 5
<b>Data Bus</b>	white/red (TX), green/red (RX)	data	PATS Transceiver, green 4 pin plug, pins 3 and 4
<b>Can Bus High</b>	yellow (SCP bus), yellow (high speed CAN)	data	data link connector, black 16 pin plug, pins 2 and 6
<b>Can Bus Low</b>	blue (SCP bus), green (high speed CAN)	data	data link connector, black 16 pin plug, pins 10 and 14
<b>Can Bus Sw</b>	N/A		
<b>Power Lock</b>	brown	-	center console switch or FEM, black 12 pin plug, pin 8
<b>Power Unlock</b>	same as power lock	-	
<b>Lock Motor</b>	yellow/black	5 wire	Driver Door Module, black 20 pin plug, pin 8
<b>Unlock Motor</b>	yellow	5 wire	Driver Door Module, black 20 pin plug, pin 9
<b>Disarm Defeat</b>	yellow	5 wire	driver rear door harness or REM, white 26 pin plug, pin 7
<b>Parking Lights (+)</b>	use parking lights (-)		
<b>Parking Lights (-)</b>	white/red (need to relay isolate from switch)	- 236 ohms	headlight switch, black 6 pin plug, pin 4
<b>Hazards</b>	orange	-	hazard switch, black 8 pin plug, pin 2
<b>Turn Signal (Left)</b>	use hazards		
<b>Turn Signal (Right)</b>	use hazards		

*Wiring Information (Continued)*

Item	Wire Color	Polarity	Wire Location
<b>Headlight</b>	white/red (need to relay isolate from switch)	- 506 ohms	headlight switch, black 6 pin plug, pin 4
<b>AutoLights</b>	white/red (need to relay isolate from switch)	- 56 ohms	headlight switch, black 6 pin plug, pin 4
<b>Reverse Light</b>	orange/green	-	REM, black 17 pin plug, pin 9
<b>Left Front Door Trigger</b>	green/orange	-	Driver Door Module, white 26 pin plug, pin 25
<b>Right Front Door Trigger</b>	green/blue	-	FEM, black 26 pin plug, pin 1
<b>Left Rear Door Trigger</b>	green/white	-	REM, white 26 pin plug, pin 16
<b>Right Rear Door Trigger</b>	green/white	-	REM, black 20 pin plug, pin 17
<b>Dome Supervision</b>	white/black	-	FEM, black 17 pin plug, pin 6
<b>Trunk/Hatch Pin</b>	white/green	-	REM, black 22 pin plug, pin 14
<b>Rear Glass Pin</b>	N/A		
<b>Hood Pin</b>	blue	-	FEM, black 22 pin plug, pin 2
<b>Trunk Hatch/Release</b>	yellow/red	-	release switch or FEM, black 22 pin plug, pin 8
<b>Trunk Release Motor</b>	red or blue	5 wire	REM, white 26 pin plug, pin 4 or 5
<b>Fuel Door Release</b>	brown/red	-	release switch or FEM, black 22 pin plug, pin 5
<b>Power Sliding Door (Left)</b>	N/A		
<b>Power Sliding Door (Right)</b>	N/A		
<b>Factory Alarm Arm</b>	red	-	Driver Door Module, black 20 pin plug, pin 16
<b>Factory Alarm Disarm</b>	orange (double pulse)	-	Driver Door Module, black 20 pin plug, pin 17
<b>Disarm No Unlock</b>	see factory alarm disarm		
<b>Trunk Alarm Shunt</b>	N/A		
<b>Tachometer</b>	NOT brown/red	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>	green/black	+	inertia fuel shutoff switch, gry 3 pin plug, pin 3
<b>Rear Defroster</b>	green/white	- latched	Climate Control Module, black 22 pin plug, pin 21
<b>Mirror Defroster</b>	same as rear defroster		
<b>Left Front Heated Seat</b>	red/white (except climate controlled)		FEM, black 20 pin plug, pin 18
<b>Right Front Heated Seat</b>	white/blue (except climate controlled)		FEM, black 20 pin plug, pin 19

## Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
<b>Speed Sense</b>	green	ac	ABS Module, 47 pin plg, pin 35 or Sunroof Module, 10 pin plg, pin 6
<b>Brake Wire</b>	green/orange	+	brake switch, black 2 pin plug, pin 2
<b>Parking Brake</b>	(electric parking brake)		
<b>Horn Trigger</b>	green/white	-	FEM, black 22 pin plug, pin 20
<b>Wipers</b>	black/red	-	FEM, black 22 pin plug, pin 1
<b>Left Front Window (Up/Down)</b>	use factory alarm arm/disarm		
<b>Right Front Window (Up/Down)</b>	see left front window		
<b>Left Rear Window (Up/Down)</b>	see left front window		
<b>Right Rear Window (Up/Down)</b>	see left front window		
<b>Sun Roof (Open/Close)</b>	use factory alarm arm/disarm		
<b>Sun Roof (Limit/Close)</b>	N/A		
<b>Memory Seat 1</b>	orange	- resistor	Driver Door Module, white 26 pin plug, pin 10
<b>Memory Seat 2</b>	same as memory seat 1	- resistor	
<b>Memory Seat 3</b>	same as memory seat 1	- resistor	
<b>Radio 12V</b>	brown/white	+	radio, black 20 pin plug, pin 11
<b>Radio Ground</b>	black	-	radio, black 20 pin plug, pin 1
<b>Radio Ignition</b>	yellow/red	+	radio, black 20 pin plug, pin 2
<b>Radio Illumination</b>	red/white (dimmer)	+	radio, black 20 pin plug, pin 17
<b>Factory Amp Turn-on</b>	(MOST bus)		
<b>Power Antenna</b>	N/A		
<b>Left Front Speaker (+/-)</b>	white - yellow	+,-	radio, black 20 pin plug, pins 14 and 13
<b>Right Front Speaker (+/-)</b>	white/red - yellow/red	+,-	radio, black 20 pin plug, pins 16 and 15
<b>Left Rear Speaker (+/-)</b>	white/blue - yellow/blue	+,-	radio, black 20 pin plug, pins 3 and 4
<b>Right Rear Speaker (+/-)</b>	white/green - yellow/red	+,-	radio, black 20 pin plug, pins 5 and 6
<b>Center Channel (+/-)</b>	N/A		
<b>Subwoofer (+/-)</b>	red - white (L), white - yellow (R)	+,-	amplifier, white 18 pin plug, pins 11 and 3 (L), 2 and 10 (R)
<b>Aux. Audio Input Left (+/-)</b>			
<b>Aux. Audio Input Right (+/-)</b>			
<b>RSE Video (+/-)</b>			
<b>RSE Audio Left (+/-)</b>			
<b>RSE Audio Right (+/-)</b>			
<b>Satellite Radio 12 Volts</b>	red/blue	+	SDARS Receiver, black 2 pin plug, pin 1
<b>Satellite Radio Ground</b>	black	-	SDARS Receiver, black 2 pin plug, pin 2
<b>Satellite Radio Ignition</b>	(MOST bus)		
<b>Satellite Radio Antenna</b>	(coaxial cable)		
<b>Satellite Audio Left (+/-)</b>	(MOST bus)		
<b>Satellite Audio Right (+/-)</b>	(MOST bus)		

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*What Fits*

Item	Size	Depth	Location
<b>Headunit</b>	irregular		center of dash
<b>Left Front Speaker</b>	5.25		left front door
<b>Left Front Tweeter</b>			left front door (tweeter), front dash (midrange)
<b>Right Front Speaker</b>	5.25		right front door
<b>Right Front Tweeter</b>			right front door (tweeter), front dash (midrange)
<b>Left Rear Speaker</b>	5.25		left rear door
<b>Left Rear Tweeter</b>			left rear door
<b>Right Rear Speaker</b>	5.25		right rear door
<b>Right Rear Tweeter</b>			right rear door
<b>Center Channel</b>	N/A		
<b>Subwoofer</b>			left and right rear deck
<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>			behind the rear seat back

*Additional Wiring Notes*

Item	Note
<b>Left Rear Door Trigger</b>	The REM (Rear Electronic Module) is in the right side of the luggage compartment.
<b>Right Rear Door Trigger</b>	The REM (Rear Electronic Module) is in the right side of the luggage compartment.
<b>Right Front Door Trigger</b>	The FEM (Front Electronic Module) is in the driver kick.
<b>Fuel Door Release</b>	The FEM (Front Electronic Module) is in the driver kick.
<b>Factory Alarm Arm</b>	Meter this wire while turning the key in the driver door key cylinder.
<b>Factory Alarm Disarm</b>	Meter this wire while turning the key in the driver door key cylinder.
<b>Wipers</b>	The FEM (Front Electronic Module) is in the driver kick.
<b>Passenger Unlock Motor</b>	The REM (Rear Electronic Module) is in the right side of the luggage compartment.
<b>Subwoofer (+/-)</b>	If equipped, the amplifier is in the left 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/red - yellow/red at the amplifier, white 18 pin plug, pins 16 and 6. The tweeter wires are red/white - white/green at the amplifier, white 18 pin plug, pins 18 and 8.
<b>Hood Pin</b>	The FEM (Front Electronic Module) is in the driver kick.
<b>Speed Sense</b>	The ABS Module is in the front right side of the engine compartment.
<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/blue - yellow/blue at the amplifier, white 18 pin plug, pins 4 and 12.
<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 - yellow at the amplifier, white 18 pin plug, pins 5 and 15. The tweeter wires are white/blue - yellow at the amplifier, white 18 pin plug, pins 7 and 17.
<b>Reverse Light</b>	The REM (Rear Electronic Module) is in the right side of the luggage compartment.
<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 white/green - yellow/red at the amplifier, white 18 pin plug, pins 14 and 13.
<b>Trunk Release Motor</b>	The REM (Rear Electronic Module) is in the right side of the luggage compartment.
<b>Horn Trigger</b>	The FEM (Front Electronic Module) is in the driver kick.
<b>Dome Supervision</b>	The FEM (Front Electronic Module) is in the driver kick.
<b>Trunk/Hatch Pin</b>	The REM (Rear Electronic Module) is in the right side of the luggage compartment.
<b>Trunk Hatch/Release</b>	The FEM (Front Electronic Module) is in the driver kick.
<b>Data Bus</b>	The PATS (Passive Anti-Theft System) Transceiver is around the ignition switch. The PATS ignition wire is green/blue in pin 1, and ground wire is black/green in pin 2.
<b>Rear Defroster</b>	The Climate Control Module is under the driver dash.
<b>Left Front Heated Seat</b>	The FEM (Front Electronic Module) is in the driver kick.
<b>Right Front Heated Seat</b>	The FEM (Front Electronic Module) is in the driver kick.
<b>Power Lock</b>	The FEM (Front Electronic Module) is in the driver kick.
<b>AutoLights</b>	This is the resistance to turn off autolights.
<b>Fuel Pump</b>	The inertia fuel shutoff switch is in the driver kick.
<b>Satellite Radio 12 Volts</b>	If equipped, the SDARS Receiver is behind the rear seat back.