

2007 Jaguar XJ Series



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red/blue (20A)	+	ignition harness
Second 12 Volts			
Starter	yellow	+	ignition harness
Second Starter	N/A		
Ignition	red/blue	+	ignition harness
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	yellow	+	ignition harness
Second Accessory	yellow/blue	+	ignition harness
Third Accessory			
Key Sense	red/white (required)	+	ignition harness
Data Bus			
Can Bus High			
Can Bus Low			
Can Bus Sw			
Power Lock	red	-	DDM, 20 pin plug, pin 16
Power Unlock	orange (double pulse)	-	DDM, 20 pin plug, pin 17
Lock Motor	yellow/black	5wi	DDM, 20 pin plug, pin 8
Unlock Motor	yellow	5wi	DDM, 20 pin plug, pin 9
Disarm Defeat	yellow	5wi	pass kick or REM, 26 pin plug, pin 7
Parking Lights (+)	use parking lights (-) wire		
Parking Lights (-)	white/red	-	headlight switch
Hazards	white/blue	-	hazard switch
Turn Signal (Left)	use hazards wire		
Turn Signal (Right)	use hazards wire		

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	white/red	-	headlight switch
AutoLights			
Reverse Light	orange/green	-	REM, 17 pin plug, pin 9
Left Front Door Trigger	see notes	-	see notes
Right Front Door Trigger			
Left Rear Door Trigger			
Right Rear Door Trigger			
Dome Supervision	white/black	-	FEM, 17 pin plug, pin 6
Trunk/Hatch Pin	white/green	-	REM, 22 pin plug, pin 14
Rear Glass Pin			
Hood Pin	blue	-	FEM, 22 pin plug, pin 2
Trunk Hatch/Release	yellow/red	-	switch or FEM, 22 pin plug, pin 8
Trunk Release Motor			
Fuel Door Release			
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)			
Factory Alarm Arm	arms with lock		
Factory Alarm Disarm	disarms with unlock		
Disarm No Unlock			
Trunk Alarm Shunt			
Tachometer	NOT brown/red	ac	any fuel injector
Wait to Start	N/A		
Neutral Safety			
Clutch Pedal			
Fuel Pump			
Rear Defroster			
Mirror Defroster			
Left Front Heated Seat			
Right Front Heated Seat			

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	green		ABS mod, pin 13 or sunroof module
Brake Wire	green/orange	+	brake pedal switch
Parking Brake	N/A		
Horn Trigger	green/white	-	switch or FEM, 22 pin plug, pin 20
Wipers	red/green (L), red (H)	+	windshield wiper motor
Left Front Window (Up/Down)	see notes		
Right Front Window (Up/Down)	see LF window up/dn notes		
Left Rear Window (Up/Down)	see LF window up/dn notes		
Right Rear Window (Up/Down)	see LF window up/dn notes		
Sun Roof (Open/Close)	see notes		
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	orange	-	DDM, 26 pin plug, pin 10
Memory Seat 2	same as memory seat 1 wire		
Memory Seat 3	same as memory seat 1 wire		
Radio 12V	brown/white	+	radio harness
Radio Ground	black	-	radio harness
Radio Ignition	yellow/red	+	radio harness
Radio Illumination	red/white (dimmer)	+	radio harness
Factory Amp Turn-on	N/A		
Power Antenna	N/A		
Left Front Speaker (+/-)	white - yellow	+,-	radio harness or amplifier
Right Front Speaker (+/-)	white/red - yellow/red	+,-	radio harness or amplifier
Left Rear Speaker (+/-)	white/blue - yellow/blue	+,-	radio harness or amplifier
Right Rear Speaker (+/-)	white/green - yellow/red	+,-	radio harness or amplifier
Center Channel (+/-)			
Subwoofer (+/-)			
Aux. Audio Input Left (+/-)			
Aux. Audio Input Right (+/-)			
RSE Video (+/-)			
RSE Audio Left (+/-)			
RSE Audio Right (+/-)			
Satellite Radio 12 Volts			
Satellite Radio Ground			
Satellite Radio Ignition			
Satellite Radio Antenna			
Satellite Audio Left (+/-)			
Satellite Audio Right (+/-)			

What Fits

Item	Size	Depth	Location
Headunit			
Left Front Speaker			
Left Front Tweeter			
Right Front Speaker			
Right Front Tweeter			
Left Rear Speaker			
Left Rear Tweeter			
Right Rear Speaker			
Right Rear Tweeter			
Center Channel			
Subwoofer			
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner			

Additional Wiring Notes

Item	Note
Power Lock	The DDM (Driver Door Module) is in the driver door. Meter these wires while turning the key in the driver door key cylinder.
Passenger Unlock Motor	The REM (Rear Electronic Module) is in the passenger side of the trunk.
Parking Lights (-)	Parking lights are negative trigger thru a 236 ohm resistor. MUST use relay.
Headlight	Headlights are negative trigger thru a 506 ohm resistor. MUST use relay.
Hood Pin	The FEM (Front Electronic Module) is in the driver kick panel.
Speed Sense	The ABS module is in the front passenger side of the engine compartment.
Left Front Window (Up/Down)	Interface of aftermarket window module is not possible because the motors are integrated with the control modules. However, an extended trigger on the door lock wire will roll the windows up and close the sunroof.
Left Front Speaker (+/-)	The amplifier is in the driver side of the trunk.
Reverse Light	The REM (Rear Electronic Module) is in the passenger side of the trunk.
Driver Unlock Motor	The DDM (Driver Door Module) is in the driver door.
Left Front Door Trigger	The driver door trigger is green/orange at the DDM, 26 pin plug, pin 25. The front passenger door is green/blue at the FEM, 26 pin plug, pin 1. The rear door triggers are at the REM. The LR is green/white, 26 pin plug, pin 16, and the RR is green/white, 20 pin plug, pin 17. Use all four wires and diode isolate each.
Horn Trigger	The FEM (Front Electronic Module) is in the driver kick panel.
Lock Motor	The DDM (Driver Door Module) is in the driver door.
Sun Roof (Open/Close)	Interface of aftermarket window module is not possible because the motors are integrated with the control modules. However, an extended trigger on the door lock wire will roll the windows up and close the sunroof.
Memory Seat 1	The DDM (Driver Door Module) is in the driver door. The memory seat settings are negative trigger thru 3 different resistor values. The resistor values are unknown at this time. Cut the orange wire and meter the resistance to ground as you press each setting.
Power Unlock	The DDM (Driver Door Module) is in the driver door. Meter these wires while turning the key in the driver door key cylinder.
Dome Supervision	The FEM (Front Electronic Module) is in the driver kick panel.
Trunk/Hatch Pin	The REM (Rear Electronic Module) is in the passenger side of the trunk.
Trunk Hatch/Release	The FEM (Front Electronic Module) is in the driver kick panel. The fuel door release is brown/red (-) at the switch or FEM, 22 pin plug, pin 5.