

2008 Jaguar X Type



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red (15A)	+	ignition switch, 7 pin plug, pin 4
Second 12 Volts	N/A		
Starter	yellow	+	ignition switch, 7 pin plug, pin 7
Second Starter	N/A		
Ignition	green/orange	+	ignition switch, 7 pin plug, pin 1
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	green/white	+	ignition switch, 7 pin plug, pin 6
Second Accessory	N/A		
Third Accessory	N/A		
Key Sense	black	+	ignition switch, 7 pin plug, pin 5
Data Bus	white/green (TX), orange (RX)	data	PATS Transceiver, 4 pin plug, pins 3 and 4
Can Bus High	yellow (SCP bus), yellow (high speed CAN)	data	data link connector, 16 pin plug, pins 2 and 6
Can Bus Low	blue (SCP bus), green (high speed CAN)	data	data link connector, 16 pin plug, pins 10 and 14
Can Bus Sw	N/A		
Power Lock	use factory alarm arm		
Power Unlock	use factory alarm disarm		
Lock Motor	yellow/black	5 wire	GEEM, green plug, pin 3
Unlock Motor	white/green	5 wire	GEEM, brown plug, pin 5
Disarm Defeat	white/black	5 wire	GEEM, brown plug, pin 1
Parking Lights (+)	red	+	headlight switch, pin 5
Parking Lights (-)	N/A		
Hazards	black/orange	-	GEEM, white plug, pin 23
Turn Signal (Left)	orange/yellow (F); orange/yellow (R)	+	GEEM, blue plug, pin 4; gray plug, pin 2
Turn Signal (Right)	orange (F); brown/red (R)	+	GEEM, blue plug, pin 3; green plug, pin 4

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	green/black (functions with ignition on only)	-	headlight switch, pin 13
AutoLights	brown/red (interrupt to turn off autolights)	-	headlight switch, pin 14
Reverse Light	green/black	+	driver kick, harness to rear
Left Front Door Trigger	red	- N.C.	GECM, white plug, pin 22
Right Front Door Trigger	red	- N.C.	GECM, white plug, pin 21
Left Rear Door Trigger	yellow	- N.C.	GECM, green plug, pin 15
Right Rear Door Trigger	yellow	- N.C.	GECM, gray plug, pin 18
Dome Supervision	black/pink	-	GECM, gray plug, pin 3
Trunk/Hatch Pin	brown (sedan), blue (wagon)	- N.C.	GECM, gray plug, pin 22
Rear Glass Pin	green/black (wagon)	- N.C.	GECM, brown plug, pin 15
Hood Pin	black	- N.C.	GECM, blue plug, pin 21
Trunk Hatch/Release	blue (sedan); red/white (wagon glass)	-	GECM, brown plug, pin 16; gray plug, pin 15
Trunk Release Motor	orange (sedan), red (wagon); white (wagon glass)	5 wire	GECM, green plug, pin 2; white plug, pin 2
Fuel Door Release	N/A		
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	green and orange	-	GECM, gray plug, pins 16 and 19
Factory Alarm Disarm	blue (double pulse)	-	GECM, gray plug, pin 14
Disarm No Unlock	see factory alarm disarm		
Trunk Alarm Shunt	N/A		
Tachometer	brown/stripes	ac	any fuel injector
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	red/white (in), white (out)	+ N.O.	clutch switch
Fuel Pump	green/blue	+	inertia fuel shutoff switch in passenger kick
Rear Defroster	black (rear and mirror), black (windshield)	- latched	Climate Control Module, 23 pin plug, pins 4 and 3
Mirror Defroster	same as rear defroster		
Left Front Heated Seat	white	-	left seat heater switch
Right Front Heated Seat	white	-	right seat heater switch

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	blue	8-Pulse	GECM, green plug, pin 20
Brake Wire	green/white (functions with ignition on only)	+	brake switch
Parking Brake	black	-	parking brake switch
Horn Trigger	black	-	GECM, brown plug, pin 14
Wipers	white/green (L), white/black (H)	+	wiper switch
Left Front Window (Up/Down)	use factory alarm arm/disarm		
Right Front Window (Up/Down)	see left front window		
Left Rear Window (Up/Down)	see left front window		
Right Rear Window (Up/Down)	see left front window		
Sun Roof (Open/Close)	use factory alarm arm/disarm		
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	(memory switch is part of driver seat module)		
Memory Seat 2	(memory switch is part of driver seat module)		
Memory Seat 3	(memory switch is part of driver seat module)		
Radio 12V	brown/white	+	radio, 20 pin plug, pin 11
Radio Ground	black	-	radio, 20 pin plug, pin 1
Radio Ignition	yellow/green	+	radio, 20 pin plug, pin 2
Radio Illumination	green (dimmer)	+	radio, 20 pin plug, pin 17
Factory Amp Turn-on	(MOST bus)		
Power Antenna	N/A		
Left Front Speaker (+/-)	white - yellow	+,-	radio, 20 pin plug, pins 14 and 13
Right Front Speaker (+/-)	white/red - yellow/red	+,-	radio, 20 pin plug, pins 16 and 15
Left Rear Speaker (+/-)	white/blue - yellow/blue	+,-	radio, 20 pin plug, pins 3 and 4
Right Rear Speaker (+/-)	white/green - yellow/red	+,-	radio, 20 pin plug, pins 5 and 6
Center Channel (+/-)	N/A		
Subwoofer (+/-)	white/red - wht/grn (L), yellow/red - yel/blue (R)	+,-	amplifier, 18 pin plug, pins 2 and 10 (L), 11 and 3 (R)
Aux. Audio Input Left (+/-)	N/A		
Aux. Audio Input Right (+/-)	N/A		
RSE Video (+/-)	N/A		
RSE Audio Left (+/-)	N/A		
RSE Audio Right (+/-)	N/A		
Satellite Radio 12 Volts	N/A		
Satellite Radio Ground	N/A		
Satellite Radio Ignition	N/A		
Satellite Radio Antenna	N/A		
Satellite Audio Left (+/-)	N/A		
Satellite Audio Right (+/-)	N/A		

What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker			left front door
Left Front Tweeter			left front door
Right Front Speaker			right front door
Right Front Tweeter			right front door
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	N/A		
Subwoofer			rear deck (sedan), right rear quarter panel(wagon)
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner	N/A		

Additional Wiring Notes

Item	Note
Subwoofer (+/-)	If equipped, the amplifier is in the left side of the luggage compartment.
Right Front Speaker (+/-)	If equipped, the amplifier is in the left side of the luggage compartment. On vehicles with amplifier, the speaker wires are brown/blue - orange/yellow at the amplifier, 18 pin plug, pins 16 and 6. The tweeter wires are white/red - yellow/red at the amplifier, 18 pin plug, pins 18 and 8.
Left Rear Speaker (+/-)	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, 18 pin plug, pins 4 and 12.
Right Rear Speaker (+/-)	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, 18 pin plug, pins 14 and 13.
Data Bus	The PATS Transceiver is around the ignition switch. The PATS ignition wire is green in pin 1, and ground wire is black in pin 2.
Factory Alarm Disarm	The GECM (General Electronic Control Module) is behind the glove box, near the passenger kick. Meter this wire while turning the key in the driver door key cylinder.
Left Front Door Trigger	The GECM (General Electronic Control Module) is behind the glove box, near the passenger kick.
Right Front Door Trigger	The GECM (General Electronic Control Module) is behind the glove box, near the passenger kick.
Left Rear Door Trigger	The GECM (General Electronic Control Module) is behind the glove box, near the passenger kick.
Right Rear Door Trigger	The GECM (General Electronic Control Module) is behind the glove box, near the passenger kick.
Trunk Release Motor	The GECM (General Electronic Control Module) is behind the glove box, near the passenger kick.
Rear Glass Pin	The GECM (General Electronic Control Module) is behind the glove box, near the passenger kick.
Factory Alarm Arm	The GECM (General Electronic Control Module) is behind the glove box, near the passenger kick. Meter these wires while turning the key in the driver door key cylinder.
Lock Motor	The GECM (General Electronic Control Module) is behind the glove box, near the passenger kick.
Driver Unlock Motor	The GECM (General Electronic Control Module) is behind the glove box, near the passenger kick.
Trunk/Hatch Pin	The GECM (General Electronic Control Module) is behind the glove box, near the passenger kick.
Hood Pin	The GECM (General Electronic Control Module) is behind the glove box, near the passenger kick.
Trunk Hatch/Release	The GECM (General Electronic Control Module) is behind the glove box, near the passenger kick.
Speed Sense	The GECM (General Electronic Control Module) is behind the glove box, near the passenger kick.
Turn Signal (Right)	The GECM (General Electronic Control Module) is behind the glove box, near the passenger kick.
Horn Trigger	The GECM (General Electronic Control Module) is behind the glove box, near the passenger kick.
Hazards	The GECM (General Electronic Control Module) is behind the glove box, near the passenger kick.
Turn Signal (Left)	The GECM (General Electronic Control Module) is behind the glove box, near the passenger kick.
Passenger Unlock Motor	The GECM (General Electronic Control Module) is behind the glove box, near the passenger kick.
Dome Supervision	The GECM (General Electronic Control Module) is behind the glove box, near the passenger kick.
Left Front Speaker (+/-)	If equipped, the amplifier is in the left side of the luggage compartment. On vehicles with amplifier, the speaker wires are green - blue at the amplifier, 18 pin plug, pins 5 and 15. The tweeter wires are white - yellow at the amplifier, 18 pin plug, pins 7 and 17.