

## 2008 Jeep Wrangler



## Wiring Information

Item	Wire Color	Polarity	Wire Location
<b>12 Volts</b>	red	+	battery or underhood fuse box
<b>Second 12 Volts</b>	lt. blue/red (10A)	+	ignition switch, black 5 pin plug, pin 5
<b>Starter</b>	yellow/gray (for starter kill only)	+	starter or underhood fuse box, blue 26 pin plug, pin 8
<b>Second Starter</b>	purple/brown (use interface mod or Tech Doc 1084)	- 180 ohms	ignition switch, black 5 pin plug, pin 2
<b>Ignition</b>	pink/white	+	ignition switch, black 5 pin plug, pin 3
<b>Second Ignition</b>	N/A		
<b>Third Ignition</b>	N/A		
<b>Accessory</b>	same as second starter	- 560 ohms	
<b>Second Accessory</b>	N/A		
<b>Third Accessory</b>	N/A		
<b>Key Sense</b>	same as second starter	-8.5K ohms	
<b>Data Bus</b>	N/A		
<b>Can Bus High</b>	white/black (CAN C bus)	data	SKREEM around ignition switch, black 8 pin plug, pin 6
<b>Can Bus Low</b>	white/lt. blue (CAN C bus)	data	SKREEM around ignition switch, black 8 pin plug, pin 7
<b>Can Bus Sw</b>	N/A		
<b>Power Lock</b>	purple/lt. green	-1000 ohms	driver kick, door harness, black 10 pin plug, pin 3
<b>Power Unlock</b>	same as power lock	- 180 ohms	
<b>Lock Motor</b>	tan/white	5 wire	driver kick, door harness, black 10 pin plug, pin 1
<b>Unlock Motor</b>	tan/lt. green	5 wire	driver kick, door harness, black 10 pin plug, pin 2
<b>Disarm Defeat</b>	tan/brown	5 wire	passenger kick, door harness, black 10 pin plug, pin 2
<b>Parking Lights (+)</b>	white/orange (L), white/purple (R)	+	passenger kick, harness to rear
<b>Parking Lights (-)</b>	(LIN bus)		
<b>Hazards</b>	white/dk. blue	-	hazard switch, black 8 pin plug, pin 1
<b>Turn Signal (Left)</b>	white/lt. green (F); white/dk. green (R)	+	turn signal light (F); passenger kick, harness to rear (R)
<b>Turn Signal (Right)</b>	white/tan (F); white/yellow (R)	+	turn signal light (F); passenger kick, harness to rear (R)

## Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	white/dk. blue (L), white/tan (R)	+	headlights or underhood fuse box, green 26 pin plug, pins 3 and 11
AutoLights	N/A		
Reverse Light	white/gray	+	passenger kick, harness to rear
Left Front Door Trigger	purple	-	driver kick, door harness, black 10 pin plug, pin 7
Right Front Door Trigger	purple/white	-	passenger kick, door harness, blk 10 pin plg, pin7
Left Rear Door Trigger	purple/gray	-	passenger kick, harness to rear
Right Rear Door Trigger	purple/yellow	-	passenger kick, harness to rear
Dome Supervision	yellow/white	+	underdash light or passenger kick, harness to rear
Trunk/Hatch Pin	purple/orange	-	passenger kick, harness to rear
Rear Glass Pin	N/A		
Hood Pin	purple/lt. blue	-	hood switch or underhood fuse box, gray 16 pin plug, pin 3
Trunk Hatch/Release	N/A		
Trunk Release Motor	lt. green/white (unlock only)	5 wire	passenger kick, harness to rear
Fuel Door Release	N/A		
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	arms on lock with door open		
Factory Alarm Disarm	see disarm no unlock		
Disarm No Unlock	Sentry Key, ignition, and keysense		
Trunk Alarm Shunt	N/A		
Tachometer	bn/yl, bn/dk bu, bn/lt bu, bn/tn, bn/og, or bn/pu	ac	any fuel injector, black 2 pin plug, pin 2
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	yellow/orange	-	clutch switch under hood, black 3 pin plug, pin 2
Fuel Pump	dk. blue/orange	+	underhood fuse box, brown 40 pin plug, pin 10
Rear Defroster	dk. blue/white	+ latched	passenger kick, harness to rear
Mirror Defroster	N/A		
Left Front Heated Seat	N/A		
Right Front Heated Seat	N/A		

## Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	dk. green/brown	ac	PCM on driver fender, plug towards passenger side, pin 32
Brake Wire	white/tan	+	brake switch, gray 6 pin plug, pin 6
Parking Brake	dk. green/white	-	parking brake switch, black 1 pin plug, pin 1
Horn Trigger	dk. green/purple	-	horn switch, white 6 pin plug, pin 3
Wipers	brown/white (L), brown/orange (H)	+	wiper mtr or underhood fuse box, brown 40 pin plug, pins 12 and 11
Left Front Window (Up/Down)	lt. blue - white	A	front power window switch, black 14 pin plug, pins 14 and 13
Right Front Window (Up/Down)	brown/lt. blue - purple/white	A	front power window switch, black 14 pin plug, pins 7 and 3
Left Rear Window (Up/Down)	orange/white - orange/gray	A	front power window switch, black 14 pin plug, pins 8 and 9
Right Rear Window (Up/Down)	orange/lt. blue - orange/dk. blue	A	front power window switch, black 14 pin plug, pins 1 and 2
Sun Roof (Open/Close)	N/A		
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	N/A		
Memory Seat 2	N/A		
Memory Seat 3	N/A		
Radio 12V	yellow/red	+	radio, gray 22 pin plug, pin 1
Radio Ground	black	-	radio, gray 22 pin plug, pin 12
Radio Ignition	(CAN IHS bus)		
Radio Illumination	(CAN IHS bus)		
Factory Amp Turn-on	(CAN IHS bus)		
Power Antenna	N/A		
Left Front Speaker (+/-)	gray/purple - gray/yellow	+,-	radio, gray 22 pin plug, pins 21 and 22
Right Front Speaker (+/-)	dk. green/purple - dk. green/yellow	+,-	radio, gray 22 pin plug, pins 19 and 20
Left Rear Speaker (+/-)	gray/lt. green - gray/dk. green	+,-	radio, gray 22 pin plug, pins 8 and 9
Right Rear Speaker (+/-)	dk. green/lt. green - dk. green/gray	+,-	radio, gray 22 pin plug, pins 10 and 11
Center Channel (+/-)	N/A		
Subwoofer (+/-)	gry/brn - dk. grn/brn(1); gry/wht - dk. grn/wht(2)	+,-	amplifier under driver dash, 16 pin plug, pins 14 and 6; 3 and 11
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	double DIN		center of dash
Left Front Speaker	6.5		left front dash
Left Front Tweeter	0.75		left front dash
Right Front Speaker	6.5		right front dash
Right Front Tweeter	0.75		right front dash
Left Rear Speaker	6.5		left rear roof
Left Rear Tweeter	N/A		
Right Rear Speaker	6.5		right rear roof
Right Rear Tweeter	N/A		
Center Channel	N/A		
Subwoofer	8		right rear quarter panel
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner	(built into radio)		

## Additional Wiring Notes

Item	Note
<b>Right Front Speaker (+/-)</b>	On models with amplifier, the speaker wires are dk. green/purple - dk. green/yellow at the amplifier under driver dash, 16 pin plug, pins 7 and 15. The tweeter wires are gray/dk. green - gray/lt. green at the amplifier, 22 pin plug, pins 19 and 8.
<b>Left Front Speaker (+/-)</b>	On models with amplifier, the speaker wires are gray/purple - gray/yellow at the amplifier under driver dash, 16 pin plug, pins 8 and 16. The tweeter wires are gray/orange - gray/yellow at the amplifier, 22 pin plug, pins 20 and 9.
<b>Left Rear Speaker (+/-)</b>	On models with amplifier, the speaker wires are gray/lt. green - gray/dk. green at the amplifier under driver dash, 16 pin plug, pins 13 and 5.
<b>Right Rear Speaker (+/-)</b>	On models with amplifier, the speaker wires are dk. green/lt. green - dk. green/gray at the amplifier under driver dash, 16 pin plug, pins 4 and 12.
<b>Can Bus Low</b>	The CAN IHS bus low is white at the instrument cluster, brown 20 pin plug, pin 15.
<b>Can Bus High</b>	The CAN IHS bus high is white/orange at the instrument cluster, brown 20 pin plug, pin 16.