

2005 Lexus GS 300 - North America

**Wiring Information**

Item	Wire Color	Polarity	Wire Location
12 Volts	white/blue (40A)	+	ignition switch, white 8 pin plug, pin 2
Second 12 Volts	white/red (15A)	+	ignition switch, white 8 pin plug, pin 7
Starter	black	+	ignition switch, white 8 pin plug, pin 8
Ignition	black/white	+	ignition switch, white 8 pin plug, pin 6
Second Ignition	black/yellow	+	ignition switch, white 8 pin plug, pin 4
Accessory	blue/yellow	+	ignition switch, white 8 pin plug, pin 3
Keysense	yellow	-	key switch, white 4 pin plug, pin 2
IMMO Data	green/black	data	Transponder Key Amplifier on ignition switch, white 5 pin plug, pin 2
IMMO Clock	black/white	data	Transponder Key Amplifier on ignition switch, white 5 pin plug, pin 3
IMMO Synchro	blue/red	data	Transponder Key Amplifier on ignition switch, white 5 pin plug, pin 4
Door Lock Data	blue/orange	data	driver kick, white 17 pin plug, pin 6
Power Lock	pink/black (key lock); gray (detection) (see Tech Doc 1070)	- and open	Driver Door ECU, gray 18 pin plug, pins 4 and 3
Power Unlock	pink/green (key unlock); gray (detection) (see Tech Doc 1070)	both -	Driver Door ECU, gray 18 pin plug, pins 5 and 3
Lock Motor	green/red	5 wire	Driver Door ECU, gray 18 pin plug, pin 8
Driver Unlock Motor	green/black	5 wire	Driver Door ECU, gray 18 pin plug, pin 17
Passenger Unlock Motor	green/black	5 wire	Passenger Door ECU, gray 18 pin plug, pin 17
Factory Alarm Arm	arms with lock		
Factory Alarm Disarm	disarms with unlock		
Disarm No Unlock	use keysense		
Trunk Alarm Shunt	lt. green/black (trunk key cylinder)	-	driver kick, blue 18 pin plug, pin 7
Parking Lights (+)	green	+	driver kick fuse box, white 11 pin plug, pin 11

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Item	Wire Color	Polarity	Wire Location
Parking Lights (-)	red/yellow	-	headlight switch, white 18 pin plug, pin 15
Hazards	red/white	-	turn signal flasher above driver kick fuse box, black 8 pin plug, pin 8
Turn Signal (Left)	green/black	+	driver kick, orange 10 pin plug, pin 4
Turn Signal (Right)	green/yellow	+	driver kick, orange 10 pin plug, pin 10
Headlight	red/black	-	headlight switch, white 18 pin plug, pin 14
AutoLights	red	cut	headlight switch, white 18 pin plug, pin 13
Reverse Light	red/black	+	driver kick, white 20 pin plug, pin 1
Left Front Door Trigger	red/green	-	Driver Door ECU, gray 16 pin plug, pin 15
Right Front Door Trigger	red/green	-	Passenger Door ECU, gray 16 pin plug, pin 15
Left Rear Door Trigger	red/white	-	Left Rear Door ECU, white 25 pin plug, pin 18
Right Rear Door Trigger	red/yellow	-	Right Rear Door ECU, white 25 pin plug, pin 18
Dome Light	green	-	passenger kick fuse box, white 10 pin plug, pin 9
Trunk/Hatch Pin	red/white	-	driver kick, white 20 pin plug, pin 3
Hood Pin	violet/green	-	hood switch or Body ECU NO. 1, white 25 pin plug, pin 9
Trunk/Hatch Release	violet/yellow	-	release switch, white 2 pin plug, pin 1
Trunk Release Motor	blue	5 wire	driver kick, blue 18 pin plug, pin 16
Fuel Door Release	blue/white	+	driver kick, white 20 pin plug, pin 16
Tachometer	black/yellow	ac	right of steering column, white 14 pin plug, pin 10
Fuel Pump	black/red	+	driver kick, orange 10 pin plug, pin 8
Rear Defroster	red	- latched	passenger kick fuse box, rear, white 13 pin plug, pin 2
Mirror Defroster	same as rear defroster		
Left Front Heated Seat	black/yellow	+ latched	seat heater switch, white 6 pin plug, pin 2

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Item	Wire Color	Polarity	Wire Location
Right Front Heated Seat	blue/yellow	+ latched	seat heater switch, white 6 pin plug, pin 3
Speed Sense	green to violet/white	ac	right of steering column, blue 18 pin plug, pin 13
Brake Wire	green/white	+	driver kick, white 20 pin plug, pin 9
Parking Brake	yellow/black	-	parking brake switch, white 1 pin plug, pin 1
Horn Trigger	green/black	-	horn switch, black 6 pin plug, pin 6
Wipers	blue/black (L), blue/red (H), blue (ignition)	+	wiper switch, black 18 pin plug, pins 7, 8, and 17
Left Front Window (Up/Down)	use power lock/unlock		
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)	pink - green/yellow (function with ign on only)	-	moon roof switch, white 6 pin plug, pins 1 and 4
Memory Seat 1	pink	-	Driver Door ECU, gray 18 pin plug, pin 15
Memory Seat 2	pink/black	-	Driver Door ECU, gray 18 pin plug, pin 14
Radio 12V	blue/yellow	+	radio harness
Radio Ground	white/black	-	radio harness
Radio Ignition	gray	+	radio harness
Radio Illumination	lt. green	+	radio harness
Left Front Speaker (+/-)	pink - violet	+,-	stereo component amplifier
Right Front Speaker (+/-)	lt. green - blue	+,-	stereo component amplifier
Left Rear Speaker (+/-)	black - yellow	+,-	stereo component amplifier
Right Rear Speaker (+/-)	red - white	+,-	stereo component amplifier

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What Fits

Item	Size	Depth	Location
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2005 Lexus GS 300 - North America***Additional Wiring Notes***

Item	Note
Hood Pin	The Body ECU NO. 1 is attached to the back of the passenger kick fuse box.
Left Front Speaker (+/-)	Vehicles with the Mark Levinson audio system, the amplifier is on the passenger side of the trunk. All other models, the amplifier is behind the glove box.