

2013 Lexus GS 350



Wiring Information

| Item | Wire Color | Polarity | Wire Location |
|----------------------------|---------------------------|----------|--|
| 12 Volts | black (60A) | + | driver dash fuse box, white 1 pin plug (5E), pin 1 |
| Second 12 Volts | blue (80A) | + | passenger dash fuse box, wht 1 pin plg (4E), pin 1 |
| Starter | purple (SS1), green (SS2) | - | engine start/stop switch, black 10 pin plug, pins 5 and 1 |
| Second Starter | lt. green | + | Certification ECU behind glove box, white 18 pin plug, pin 5 |
| Ignition | black | + | Certification ECU behind glove box, white 18 pin plug, pin 9 |
| Second Ignition | black | + | Certification ECU behind glove box, white 30 pin plug, pin 6 |
| Third Ignition | N/A | | |
| Accessory | black | + | Certification ECU behind glove box, white 30 pin plug, pin 4 |
| Second Accessory | N/A | | |
| Third Accessory | N/A | | |
| Key Sense | N/A | | |
| Data Bus | yellow (RX), white (TX) | data | engine start/stop switch, black 10 pin plug, pins 8 and 7 |
| Can Bus High | green | data | data link connector, black 16 pin plug, pin 6 |
| Can Bus Low | white | data | data link connector, black 16 pin plug, pin 14 |
| Can Bus Sw | N/A | | |
| Power Lock | use factory alarm arm | | |
| Power Unlock | use factory alarm disarm | | |
| Lock Motor | green | 5 wire | driver dash fuse box, white 48 pin plug (5C), pin 9 |
| Unlock Motor | blue | 5 wire | driver dash fuse box, white 48 pin plug (5C), pin 10 |
| Disarm Defeat | lt. green | 5 wire | driver dash fuse box, white 48 pin plug (5C), pin 12 |
| Parking Lights (+) | green | + | driver kick, harness to rear |
| Parking Lights (-) | black | - | Body ECU on driver dash fuse box, white 30 pin plug, pin 30 |
| Hazards | pink | - | hazard switch, white 16 pin plug, pin 9 |
| Turn Signal (Left) | yellow | + | driver dash fuse box, white 48 pin plug (5C), pin 5 |
| Turn Signal (Right) | green | + | driver dash fuse box, white 48 pin plug (5C), pin 2 |

Wiring Information (Continued)

| Item | Wire Color | Polarity | Wire Location |
|-----------------------------------|---|----------|---|
| Headlight | lt. green | - | Body ECU on driver dash fuse box, white 30 pin plug, pin 29 |
| AutoLights | red (interrupt to turn off autolights) | - | Body ECU on driver dash FB, wht 30 pin plg, pin 28 |
| Reverse Light | red | + | driver kick, harness to rear |
| Left Front Door Trigger | red | - | driver dash fuse box, white 48 pin plug (5C), pin 44 |
| Right Front Door Trigger | red | - | dr dash fuse box, rear, wh 64 pin plg (5A), pin 33 |
| Left Rear Door Trigger | green | - | Body ECU on driver dash FB, wht 18 pin plug, pin 3 |
| Right Rear Door Trigger | green | - | Body ECU on driver dash FB, wht 30 pin plug, pin 6 |
| Dome Supervision | lt. blue | - | driver dash fuse box, rear, white 64 pin plug (5A), pin 27 |
| Trunk/Hatch Pin | pink (without power trunk opener and closer) | - | Body ECU on driver dash fuse box, white 30 pin plug, pin 19 |
| Rear Glass Pin | N/A | | |
| Hood Pin | gray | - | driver dash fuse box, white 32 pin plug (5D), pin 28 |
| Trunk Hatch/Release | yellow | - | Body ECU on driver dash fuse box, white 28 pin plug, pin 8 |
| Trunk Release Motor | black (without power trunk opener and closer) | 5 wire | passenger dash fuse box, white 32 pin plug (4D), pin 18 |
| Fuel Door Release | (unlocks along with driver door) | | |
| Power Sliding Door (Left) | N/A | | |
| Power Sliding Door (Right) | N/A | | |
| Factory Alarm Arm | gray (driver door key lock) | - | Driver Door Module, white 24 pin plug, pin 16 |
| Factory Alarm Disarm | purple (driver door key unlock) | double - | Driver Door Module, white 24 pin plug, pin 24 |
| Disarm No Unlock | smart key and ignition | | |
| Trunk Alarm Shunt | lt. blue (trunk key cylinder) | - | passenger kick, white 67 pin plug, pin 24 |
| Tachometer | gray | ac | data link connector, black 16 pin plug, pin 9 |
| Wait to Start | N/A | | |
| Neutral Safety | N/A | | |
| Clutch Pedal | N/A | | |
| Fuel Pump | blue | + | driver kick, harness to rear |
| Rear Defroster | black | - | passenger kick, gray 22 pin plug, pin 3 |
| Mirror Defroster | (CAN bus) | | |
| Left Front Heated Seat | pink | + | driver kick, white 67 pin plug, pin 34 |
| Right Front Heated Seat | white | + | passenger kick, white 67 pin plug, pin 47 |

Wiring Information (Continued)

| Item | Wire Color | Polarity | Wire Location |
|------------------------------|--|----------|--|
| Speed Sense | lt. blue | ac | radio, wht 59 pin plug, pin 56 or driver kick, wht 26 pin plug, pin 25 |
| Brake Wire | red | + | brake switch, white 5 pin plug, pin 2 |
| Parking Brake | (electric parking brake) | | |
| Horn Trigger | pink | - | driver dash fuse box, white 32 pin plug (5D), pin 10 |
| Wipers | gray (LO), pink (HI) | - | driver kick, white 26 pin plug, pins 1 and 15 |
| 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 | black | - | Driver Door Module, white 26 pin plug, pin 22 |
| Memory Seat 2 | lt. blue | - | Driver Door Module, white 26 pin plug, pin 23 |
| Memory Seat 3 | purple | - | Driver Door Module, white 26 pin plug, pin 24 |
| Radio 12V | blue | + | radio, white 59 pin plug, pin 17 |
| Radio Ground | white/black | - | radio, white 59 pin plug, pin 12 |
| Radio Ignition | gray | + | radio, white 59 pin plug, pin 16 |
| Radio Illumination | green (parking lights), white (dimmer) | +,- | radio, white 59 pin plug, pins 14 and 13 |
| Factory Amp Turn-on | (MOST bus) | | |
| Power Antenna | N/A | | |
| Left Front Speaker (+/-) | pink - red (door); white - red (dash) | +,- | amplifier in R side of trunk, white 30 pin plug, pins 4 - 19; 12 - 27 |
| Right Front Speaker (+/-) | lt. green - blue (door); red - pink (dash) | +,- | amplifier in R side of trunk, white 30 pin plug, pins 5 - 20; 13 - 28 |
| Left Rear Speaker (+/-) | black - yellow (door); lt. green - blue (surround) | +,- | amplifier in R side of trunk, white 30 pin plug, pins 14 - 29; 10 - 25 |
| Right Rear Speaker (+/-) | red - white (door); black - yellow (surround) | +,- | amplifier in R side of trunk, white 30 pin plug, pins 15 - 30; 11 - 26 |
| Center Channel (+/-) | yellow - black | +,- | amplifier in R side of trunk, white 30 pin plug, pins 7 and 22 |
| Subwoofer (+/-) | red - white | +,- | amplifier in R side of trunk, white 30 pin plug, pins 6 and 21 |
| Aux. Audio Input Left (+/-) | black - red | +,- | radio, white 16 pin plug, pins 8 and 15 |
| Aux. Audio Input Right (+/-) | white - red | +,- | radio, white 16 pin plug, pins 7 and 15 |
| RSE Video (+/-) | red - white (rear view camera) | +,- | radio, white 59 pin plug, pins 18 and 19 |
| RSE Audio Left (+/-) | N/A | | |

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| | | | |
|---|------------------------------------|--|--|
| DirectWire Vehicle RSE Audio Right (+/-) | Information - 2/12/2014 2:44:19 AM | | |
| 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 | | |

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What Fits

| Item | Size | Depth | Location |
|------------------------------|-------------------------------|-------|----------------------------------|
| Headunit | irregular | | center of dash |
| Left Front Speaker | 7.0 or 6.6 x 9.8 | | left front door |
| Left Front Tweeter | 3.5 | | left front dash |
| Right Front Speaker | 7.0 or 6.6 x 9.8 | | right front door |
| Right Front Tweeter | 3.5 | | right front dash |
| Left Rear Speaker | 6.2 or 6.6 | | left rear door |
| Left Rear Tweeter | 0.9 (tweeter); 3.5 (surround) | | left rear door; left rear deck |
| Right Rear Speaker | 6.2 or 6.6 | | right rear door |
| Right Rear Tweeter | 0.9 (tweeter); 3.5 (surround) | | right rear door; right rear deck |
| Center Channel | 3.5 | | top center of dash |
| Subwoofer | 9.8 | | top center of rear deck |
| Left Front Headrest | | | |
| Right Front Headrest | | | |
| Left Right Headrest | | | |
| Right Rear Headrest | | | |
| Satellite Radio Tuner | (built into radio) | | |

Additional Wiring Notes

| Item | Note |
|------------------------|--|
| Starter | Also found purple - green (-) at the Certification ECU behind the glove box, white 30 pin plug, pins 28 and 30. |
| Trunk/Hatch Pin | On models with power trunk opener and closer, it is gray (-) at the luggage closer motor in left side of trunk, white 26 pin plug, pin 20. |
| Ignition | Also found black (+) in the passenger kick, blue 22 pin plug, pin 5. |
| Data Bus | The immobilizer light is lt. green at the Certification ECU behind glove box, white 30 pin plug, pin 18. The IMO - IMI are pink - lt. green in the driver kick, white 64 pin plug, pins 35 and 36. |