

ALARM REMOTE START WIRING

WIRE	COLOR	LOCATION
12V CONSTANT WIRE	BLACK/RED to WHITE/BLUE	Ignition Harness
STARTER WIRE	BROWN/RED to RED	Ignition Harness
IGNITION WIRE	BROWN/WHITE to BLACK/ORANGE	Ignition Harness
SECOND IGNITION WIRE	BLACK/YELLOW	Ignition Harness
ACCESSORY WIRE	BLUE/RED to PINK/BLUE	Ignition Harness
Notes: Wires at the ignition harness change colors at a connector.		
POWER DOOR LOCK (-)	GREEN/YELLOW	At Harness In Passenger Kick Panel
POWER DOOR UNLOCK (-)	GREEN	At Harness In Passenger Kick Panel
PARKING LIGHTS (+)	GREEN	Harness At Steering Column
PARKING LIGHTS (-)	GREEN/WHITE	Harness At Steering Column
DOOR TRIGGER (-)	RED/WHITE	At Module Right Of Column
TRUNK TRIGGER (-)	RED/BLUE	At OEM Alarm Module Behind Fuse Box
TRUNK RELEASE (-)	RED/WHITE	At Trunk Release Switch
FACTORY ALARM ARM	Arms with lock	
FACTORY ALARM DISARM	Disarms with unlock	
DISARM NO UNLOCK (-)	GREEN	Harness In Driver's Kick Panel
TACHOMETER WIRE	BLACK	At Igniter On Passenger Side Behind Headlight And Air Flow Meter In A Black Plastic Box
BRAKE WIRE (+)	GREEN/WHITE	Harness In Driver's Kick Panel
HORN TRIGGER (-)	GREEN/RED	Harness At Steering Column
LEFT FRONT WINDOW UP	RED	At Motor Inside Driver's Door
LEFT FRONT WINDOW DOWN	GREEN	At Motor Inside Driver's Door
RIGHT FRONT WINDOW UP	RED/BLUE	Harness In Driver's Kick From Driver Door
RIGHT FRONT WINDOW DOWN	GREEN/WHITE	Harness In Driver's Kick From Driver Door
LEFT REAR WINDOW UP	BLUE/YELLOW	Harness In Driver's Kick From Driver Door
LEFT REAR WINDOW DOWN	GREEN/YELLOW	Harness In Driver's Kick From Driver Door
RIGHT REAR WINDOW UP	RED/BLACK	Harness In Driver's Kick From Driver Door
RIGHT REAR WINDOW DOWN	GREEN/BLACK	Harness In Driver's Kick From Driver Door
INTERFACE	PART NUMBER	NOTES
None required	N/A	N/A
Please verify all part numbers before ordering.		

AUDIO WIRING			
WIRE	COLOR	LOCATION	NOTES
RADIO 12V	RED	Radio	
RADIO SWITCHED	GRAY	Radio	
RADIO GROUND	BROWN	Radio	
ILLUMINATION (+)	GREEN	Radio	
POWER ANTENNA (+)	BLACK/RED	Radio	
AMP TURN ON (+)	PINK/BLUE	Radio	
LEFT FRONT SPEAKER(+)	PINK	Radio Harness or Speaker	
LEFT FRONT SPEAKER (-)	VIOLET	Radio Harness or Speaker	
RIGHT FRONT SPEAKER (+)	GREEN	Radio Harness or Speaker	
RIGHT FRONT SPEAKER (-)	BLUE	Radio Harness or Speaker	
LEFT REAR SPEAKER (+)	BLACK	Radio Harness or Speaker	
LEFT REAR SPEAKER (-)	YELLOW	Radio Harness or Speaker	
RIGHT REAR SPEAKER (+)	RED	Radio Harness or Speaker	
RIGHT REAR SPEAKER (-)	WHITE	Radio Harness or Speaker	
FRONT SPEAKERS SIZE	REAR SPEAKERS SIZE	AMP LOCATION	NOTES
5.25", 1" Tweeter	6.5"	Under Passenger Seat Or In Right Side Of Trunk	8" subwoofer, if equipped
RADIO DASH KIT OPTIONS		RADIO WIRE HARNESS OPTIONS	ANTENNA ADAPTER OPTIONS
METRA 99-8156		METRA 70-1761, SCOSCHE TA02B/BCB	Not required
Please verify all part numbers before ordering.			

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STARTER WIRE	BROWN/RED to RED	Ignition Harness
IGNITION WIRE	BROWN/WHITE to BLACK/ORANGE	Ignition Harness
SECOND IGNITION WIRE	BLACK/YELLOW	Ignition Harness
ACCESSORY WIRE	BLUE/RED to PINK/BLUE	Ignition Harness
Notes: Wires at the ignition harness change colors at a connector.		
POWER DOOR LOCK (-)	GREEN/YELLOW	At Harness In Passenger Kick Panel
POWER DOOR UNLOCK (-)	GREEN	At Harness In Passenger Kick Panel
PARKING LIGHTS (+)	GREEN	Harness At Steering Column
PARKING LIGHTS (-)	GREEN/WHITE	Harness At Steering Column
DOOR TRIGGER (-)	RED/WHITE	At Module Right Of Column
TRUNK TRIGGER (-)	RED/BLUE	At OEM Alarm Module Behind Fuse Box
TRUNK RELEASE (-)	RED/WHITE	At Trunk Release Switch
FACTORY ALARM ARM	Arms with lock	
FACTORY ALARM DISARM	Disarms with unlock	
DISARM NO UNLOCK (-)	GREEN	Harness In Driver's Kick Panel
TACHOMETER WIRE	BLACK	At Igniter On Passenger Side Behind Headlight And Air Flow Meter In A Black Plastic Box
BRAKE WIRE (+)	GREEN/WHITE	Harness In Driver's Kick Panel
HORN TRIGGER (-)	GREEN/RED	Harness At Steering Column
LEFT FRONT WINDOW UP	RED	At Motor Inside Driver's Door
LEFT FRONT WINDOW DOWN	GREEN	At Motor Inside Driver's Door
RIGHT FRONT WINDOW UP	RED/BLUE	Harness In Driver's Kick From Driver Door
RIGHT FRONT WINDOW DOWN	GREEN/WHITE	Harness In Driver's Kick From Driver Door
LEFT REAR WINDOW UP	BLUE/YELLOW	Harness In Driver's Kick From Driver Door
LEFT REAR WINDOW DOWN	GREEN/YELLOW	Harness In Driver's Kick From Driver Door
RIGHT REAR WINDOW UP	RED/BLACK	Harness In Driver's Kick From Driver Door
RIGHT REAR WINDOW DOWN	GREEN/BLACK	Harness In Driver's Kick From Driver Door

INTERFACE	PART NUMBER	NOTES
None required	N/A	N/A

Please verify all part numbers before ordering.

AUDIO WIRING			
WIRE	COLOR	LOCATION	NOTES
RADIO 12V	RED	Radio	
RADIO SWITCHED	GRAY	Radio	
RADIO GROUND	BROWN	Radio	
ILLUMINATION (+)	GREEN	Radio	
POWER ANTENNA (+)	BLACK/RED	Radio	
AMP TURN ON (+)	PINK/BLUE	Radio	
LEFT FRONT SPEAKER(+)	PINK	Radio Harness or Speaker	
LEFT FRONT SPEAKER (-)	VIOLET	Radio Harness or Speaker	
RIGHT FRONT SPEAKER (+)	GREEN	Radio Harness or Speaker	
RIGHT FRONT SPEAKER (-)	BLUE	Radio Harness or Speaker	
LEFT REAR SPEAKER (+)	BLACK	Radio Harness or Speaker	
LEFT REAR SPEAKER (-)	YELLOW	Radio Harness or Speaker	
RIGHT REAR SPEAKER (+)	RED	Radio Harness or Speaker	
RIGHT REAR SPEAKER (-)	WHITE	Radio Harness or Speaker	
FRONT SPEAKERS SIZE	REAR SPEAKERS SIZE	AMP LOCATION	NOTES
5.25", 1" Tweeter	6.5"	Under Passenger Seat Or In Right Side Of Trunk	8" subwoofer, if equipped
RADIO DASH KIT OPTIONS	RADIO WIRE HARNESS OPTIONS		ANTENNA ADAPTER OPTIONS
METRA 99-8156	METRA 70-1761, SCOSCHE TA02B/BCB		Not required
Please verify all part numbers before ordering.			

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IGNITION WIRE	BROWN/WHITE to BLACK/ORANGE	Ignition Harness
SECOND IGNITION WIRE	BLACK/YELLOW	Ignition Harness
ACCESSORY WIRE	BLUE/RED to PINK/BLUE	Ignition Harness
Notes: Wires at the ignition harness change colors at a connector.		
POWER DOOR LOCK (-)	GREEN/YELLOW	At Harness In Passenger Kick Panel
POWER DOOR UNLOCK (-)	GREEN	At Harness In Passenger Kick Panel
PARKING LIGHTS (+)	GREEN	Harness At Steering Column
PARKING LIGHTS (-)	GREEN/WHITE	Harness At Steering Column
DOOR TRIGGER (-)	RED/WHITE	At Module Right Of Column
TRUNK TRIGGER (-)	RED/BLUE	At OEM Alarm Module Behind Fuse Box
TRUNK RELEASE (-)	RED/WHITE	At Trunk Release Switch
FACTORY ALARM ARM	Arms with lock	
FACTORY ALARM DISARM	Disarms with unlock	
DISARM NO UNLOCK (-)	GREEN	Harness In Driver's Kick Panel
TACHOMETER WIRE	BLACK	At Igniter On Passenger Side Behind Headlight And Air Flow Meter In A Black Plastic Box
BRAKE WIRE (+)	GREEN/WHITE	Harness In Driver's Kick Panel
HORN TRIGGER (-)	GREEN/RED	Harness At Steering Column
LEFT FRONT WINDOW UP	RED	At Motor Inside Driver's Door
LEFT FRONT WINDOW DOWN	GREEN	At Motor Inside Driver's Door
RIGHT FRONT WINDOW UP	RED/BLUE	Harness In Driver's Kick From Driver Door
RIGHT FRONT WINDOW DOWN	GREEN/WHITE	Harness In Driver's Kick From Driver Door
LEFT REAR WINDOW UP	BLUE/YELLOW	Harness In Driver's Kick From Driver Door
LEFT REAR WINDOW DOWN	GREEN/YELLOW	Harness In Driver's Kick From Driver Door
RIGHT REAR WINDOW UP	RED/BLACK	Harness In Driver's Kick From Driver Door
RIGHT REAR WINDOW DOWN	GREEN/BLACK	Harness In Driver's Kick From Driver Door

INTERFACE	PART NUMBER	NOTES
None required	N/A	N/A

Please verify all part numbers before ordering.

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POWER ANTENNA (+)	BLACK/RED	Radio	
AMP TURN ON (+)	PINK/BLUE	Radio	
LEFT FRONT SPEAKER(+)	PINK	Radio Harness or Speaker	
LEFT FRONT SPEAKER (-)	VIOLET	Radio Harness or Speaker	
RIGHT FRONT SPEAKER (+)	GREEN	Radio Harness or Speaker	
RIGHT FRONT SPEAKER (-)	BLUE	Radio Harness or Speaker	
LEFT REAR SPEAKER (+)	BLACK	Radio Harness or Speaker	
LEFT REAR SPEAKER (-)	YELLOW	Radio Harness or Speaker	
RIGHT REAR SPEAKER (+)	RED	Radio Harness or Speaker	
RIGHT REAR SPEAKER (-)	WHITE	Radio Harness or Speaker	
FRONT SPEAKERS SIZE	REAR SPEAKERS SIZE	AMP LOCATION	NOTES
5.25", 1" Tweeter	6.5"	Under Passenger Seat Or In Right Side Of Trunk	8" subwoofer, if equipped
RADIO DASH KIT OPTIONS		RADIO WIRE HARNESS OPTIONS	ANTENNA ADAPTER OPTIONS
METRA 99-8156		METRA 70-1761, SCOSCHE TA02B/BCB	Not required
Please verify all part numbers before ordering.			

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Notes: Wires at the ignition harness change colors at a connector.		
POWER DOOR LOCK (-)	GREEN/YELLOW	At Harness In Passenger Kick Panel
POWER DOOR UNLOCK (-)	GREEN	At Harness In Passenger Kick Panel
PARKING LIGHTS (+)	GREEN	Harness At Steering Column
PARKING LIGHTS (-)	GREEN/WHITE	Harness At Steering Column
DOOR TRIGGER (-)	RED/WHITE	At Module Right Of Column
TRUNK TRIGGER (-)	RED/BLUE	At OEM Alarm Module Behind Fuse Box
TRUNK RELEASE (-)	RED/WHITE	At Trunk Release Switch
FACTORY ALARM ARM	Arms with lock	
FACTORY ALARM DISARM	Disarms with unlock	
DISARM NO UNLOCK (-)	GREEN	Harness In Driver's Kick Panel
TACHOMETER WIRE	BLACK	At Igniter On Passenger Side Behind Headlight And Air Flow Meter In A Black Plastic Box
BRAKE WIRE (+)	GREEN/WHITE	Harness In Driver's Kick Panel
HORN TRIGGER (-)	GREEN/RED	Harness At Steering Column
LEFT FRONT WINDOW UP	RED	At Motor Inside Driver's Door
LEFT FRONT WINDOW DOWN	GREEN	At Motor Inside Driver's Door
RIGHT FRONT WINDOW UP	RED/BLUE	Harness In Driver's Kick From Driver Door
RIGHT FRONT WINDOW DOWN	GREEN/WHITE	Harness In Driver's Kick From Driver Door
LEFT REAR WINDOW UP	BLUE/YELLOW	Harness In Driver's Kick From Driver Door
LEFT REAR WINDOW DOWN	GREEN/YELLOW	Harness In Driver's Kick From Driver Door
RIGHT REAR WINDOW UP	RED/BLACK	Harness In Driver's Kick From Driver Door
RIGHT REAR WINDOW DOWN	GREEN/BLACK	Harness In Driver's Kick From Driver Door

INTERFACE	PART NUMBER	NOTES
None required	N/A	N/A

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WIRE	COLOR	LOCATION	NOTES
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RADIO GROUND	BROWN	Radio	
ILLUMINATION (+)	GREEN	Radio	
POWER ANTENNA (+)	BLACK/RED	Radio	
AMP TURN ON (+)	PINK/BLUE	Radio	
LEFT FRONT SPEAKER(+)	PINK	Radio Harness or Speaker	
LEFT FRONT SPEAKER (-)	VIOLET	Radio Harness or Speaker	
RIGHT FRONT SPEAKER (+)	GREEN	Radio Harness or Speaker	
RIGHT FRONT SPEAKER (-)	BLUE	Radio Harness or Speaker	
LEFT REAR SPEAKER (+)	BLACK	Radio Harness or Speaker	
LEFT REAR SPEAKER (-)	YELLOW	Radio Harness or Speaker	
RIGHT REAR SPEAKER (+)	RED	Radio Harness or Speaker	
RIGHT REAR SPEAKER (-)	WHITE	Radio Harness or Speaker	
FRONT SPEAKERS SIZE	REAR SPEAKERS SIZE	AMP LOCATION	NOTES
5.25", 1" Tweeter	6.5"	Under Passenger Seat Or In Right Side Of Trunk	8" subwoofer, if equipped
RADIO DASH KIT OPTIONS		RADIO WIRE HARNESS OPTIONS	ANTENNA ADAPTER OPTIONS
METRA 99-8156		METRA 99-8156	Not required
Please verify all part numbers before ordering.			

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IGNITION WIRE	BROWN/WHITE to BLACK/ORANGE	Ignition Harness
SECOND IGNITION WIRE	BLACK/YELLOW	Ignition Harness
ACCESSORY WIRE	BLUE/RED to PINK/BLUE	Ignition Harness
Notes: Wires at the ignition harness change colors at a connector.		
POWER DOOR LOCK (-)	GREEN/YELLOW	At Harness In Passenger Kick Panel
POWER DOOR UNLOCK (-)	GREEN	At Harness In Passenger Kick Panel
PARKING LIGHTS (+)	GREEN	Harness At Steering Column
PARKING LIGHTS (-)	GREEN/WHITE	Harness At Steering Column
DOOR TRIGGER (-)	RED/WHITE	At Module Right Of Column
TRUNK TRIGGER (-)	RED/BLUE	At OEM Alarm Module Behind Fuse Box
TRUNK RELEASE (-)	RED/WHITE	At Trunk Release Switch
FACTORY ALARM ARM	Arms with lock	
FACTORY ALARM DISARM	Disarms with unlock	
DISARM NO UNLOCK (-)	GREEN	Harness In Driver's Kick Panel
TACHOMETER WIRE	BLACK	At Igniter On Passenger Side Behind Headlight And Air Flow Meter In A Black Plastic Box
BRAKE WIRE (+)	GREEN/WHITE	Harness In Driver's Kick Panel
HORN TRIGGER (-)	GREEN/RED	Harness At Steering Column
LEFT FRONT WINDOW UP	RED	At Motor Inside Driver's Door
LEFT FRONT WINDOW DOWN	GREEN	At Motor Inside Driver's Door
RIGHT FRONT WINDOW UP	RED/BLUE	Harness In Driver's Kick From Driver Door
RIGHT FRONT WINDOW DOWN	GREEN/WHITE	Harness In Driver's Kick From Driver Door
LEFT REAR WINDOW UP	BLUE/YELLOW	Harness In Driver's Kick From Driver Door
LEFT REAR WINDOW DOWN	GREEN/YELLOW	Harness In Driver's Kick From Driver Door
RIGHT REAR WINDOW UP	RED/BLACK	Harness In Driver's Kick From Driver Door
RIGHT REAR WINDOW DOWN	GREEN/BLACK	Harness In Driver's Kick From Driver Door
INTERFACE	PART NUMBER	NOTES
None required	N/A	N/A
Please verify all part numbers before ordering.		

AUDIO WIRING			
WIRE	COLOR	LOCATION	NOTES
RADIO 12V	RED	Radio	
RADIO SWITCHED	GRAY	Radio	
RADIO GROUND	BROWN	Radio	
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POWER ANTENNA (+)	BLACK/RED	Radio	
AMP TURN ON (+)	PINK/BLUE	Radio	
LEFT FRONT SPEAKER(+)	PINK	Radio Harness or Speaker	
LEFT FRONT SPEAKER (-)	VIOLET	Radio Harness or Speaker	
RIGHT FRONT SPEAKER (+)	GREEN	Radio Harness or Speaker	
RIGHT FRONT SPEAKER (-)	BLUE	Radio Harness or Speaker	
LEFT REAR SPEAKER (+)	BLACK	Radio Harness or Speaker	
LEFT REAR SPEAKER (-)	YELLOW	Radio Harness or Speaker	
RIGHT REAR SPEAKER (+)	RED	Radio Harness or Speaker	
RIGHT REAR SPEAKER (-)	WHITE	Radio Harness or Speaker	
FRONT SPEAKERS SIZE	REAR SPEAKERS SIZE	AMP LOCATION	NOTES
5.25", 1" Tweeter	6.5"	Under Passenger Seat Or In Right Side Of Trunk	8" subwoofer, if equipped
RADIO DASH KIT OPTIONS		RADIO WIRE HARNESS OPTIONS	ANTENNA ADAPTER OPTIONS
METRA 99-8156		METRA 99-8156	Not required
Please verify all part numbers before ordering.			

ALARM & REMOTE START WIRING

WIRE	COLOR	LOCATION
12V CONSTANT WIRE	BLACK/WHITE or WHITE/BLUE	Ignition Harness
STARTER WIRE	RED	Ignition Harness
NOTE: In order to interface with the auto-adjust steering wheel on 1995-1997 Lexus LS400s, 4 relays must be used to relay isolate specific wires. In pins 1 and 8 of plug 1J at fuse box: BLUE/GREEN and BLUE, in pin 9 of plug B6 at Body ECU: RED/BLUE, in pins 14 and 15 of plug T9 at Tilt and Telescopic ECU: RED/BLUE and GREEN/WHITE. Refer to TechDoc 3848		
IGNITION WIRE	BLACK/YELLOW	Ignition Harness
SECOND IGNITION WIRE	BLACK/ORANGE	Ignition Harness
ACCESSORY WIRE	PINK/BLUE	Ignition Harness
POWER DOOR LOCK (-)	GREEN/RED	At Module Inside Passenger Door
POWER DOOR UNLOCK (-)	GREEN/BLACK	At Module Inside Passenger Door
PARKING LIGHTS (+)	GREEN or GREEN/ORANGE	Harness In Driver's Kick Panel
PARKING LIGHTS (-)	GREEN/WHITE	At Body ECU Against Fire Wall Behind Black Plastic Cover
DOOR TRIGGER (-)	RED/WHITE	At Body ECU Against Fire Wall Behind Black Plastic Cover
TRUNK TRIGGER (-)	RED/BLUE	At Body ECU Against Fire Wall Behind Black Plastic Cover
TRUNK RELEASE (-)	BLUE	At Trunk Release Switch Or At Body ECU Against Fire Wall Behind Black Plastic Cover
FACTORY ALARM ARM (-)	GREEN/YELLOW	At Module Inside Passenger Door
FACTORY ALARM DISARM (-)	GREEN	At Module Inside Passenger Door
TACHOMETER WIRE	BLACK/YELLOW	At Ignitor In Front Of Passenger Shock Tower
BRAKE WIRE (+)	GREEN/WHITE	Harness In Driver's Kick Panel
HORN TRIGGER (-)	GREEN/RED	Harness At Steering Column
LEFT FRONT WINDOW UP	RED	At Motor Inside Door
LEFT FRONT WINDOW DOWN	GREEN	At Motor Inside Door
RIGHT FRONT WINDOW UP	RED	At Motor Inside Door
RIGHT FRONT WINDOW DOWN	GREEN	At Motor Inside Door
LEFT REAR WINDOW UP	RED	At Motor Inside Door
LEFT REAR WINDOW DOWN	GREEN	At Motor Inside Door
RIGHT REAR WINDOW UP	RED	At Motor Inside Door
RIGHT REAR WINDOW DOWN	GREEN	At Motor Inside Door

ALARM & REMOTE START INTERFACE MODULES

MODULE	PART NUMBER	NOTES
None required	N/A	N/A
Please verify all part numbers before ordering.		

AUDIO WIRING		
WIRE	COLOR	LOCATION
RADIO 12V	RED	Radio Harness
RADIO SWITCHED	GRAY	Radio Harness
RADIO GROUND	BROWN	Radio Harness
ILLUMINATION (+)	GREEN	Radio Harness
POWER ANTENNA (+)	BLACK, WHITE/RED, and GRAY/RED	Radio Harness
LEFT TO AMP (+)	RED	Radio Harness
LEFT TO AMP (-)	GREEN	Radio Harness
RIGHT TO AMP (+)	BLACK	Radio Harness
RIGHT TO AMP (-)	TAN	Radio Harness
CONSTANT 12V	BLUE/YELLOW	At Amplifier Under Right Front Seat
ACCESSORY 12V	GRAY	At Amplifier Under Right Front Seat
CHASSIS GROUND	BROWN	At Amplifier Under Right Front Seat
LEFT FRONT SPEAKERS (+)	PINK	At Amplifier Under Right Front Seat
LEFT FRONT SPEAKERS (-)	PURPLE	At Amplifier Under Right Front Seat
RIGHT FRONT SPEAKERS (+)	LIGHT GREEN	At Amplifier Under Right Front Seat
RIGHT FRONT SPEAKERS (-)	BLUE	At Amplifier Under Right Front Seat
LEFT REAR SPEAKER (+)	BLACK	At Amplifier Under Right Front Seat
LEFT REAR SPEAKER (-)	YELLOW	At Amplifier Under Right Front Seat
RIGHT REAR SPEAKER (+)	WHITE	At Amplifier Under Right Front Seat
RIGHT REAR SPEAKER (-)	RED	At Amplifier Under Right Front Seat
REAR DECK SUBWOOFER (+)	LIGHT GREEN/BLACK	At Amplifier Under Right Front Seat
REAR DECK SUBWOOFER (-)	LIGHT GREEN/RED	At Amplifier Under Right Front Seat

AUDIO SYSTEM NOTES			
FRONT SPEAKERS	REAR SPEAKERS	AMP LOCATION	NOTES
5.25", 1" Tweeter	6.5"	Under Passenger Seat Or In Right Side Of Trunk	8" subwoofer, if equipped

STEREO INSTALLATION PARTS			
BRAND	DASH KIT	WIRE HARNESS ADAPTER	ANTENNA ADAPTER
SCOSCHE	LS2085B	Not available	Not required
METRA	99-8153	Not available	Not required
METRA	95-8153	Not available	Not required

Notes: Dash kit for double-DIN stereo
Please verify all part numbers before ordering.

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IGNITION WIRE	BLACK/YELLOW	Ignition Harness
SECOND IGNITION WIRE	BLACK/ORANGE	Ignition Harness
ACCESSORY WIRE	PINK/BLUE	Ignition Harness
POWER DOOR LOCK (-)	GREEN/RED	At Module Inside Passenger Door
POWER DOOR UNLOCK (-)	GREEN/BLACK	At Module Inside Passenger Door
PARKING LIGHTS (+)	GREEN or GREEN/ORANGE	Harness In Driver's Kick Panel
PARKING LIGHTS (-)	GREEN/WHITE	At Body ECU Against Fire Wall Behind Black Plastic Cover
DOOR TRIGGER (-)	RED/WHITE	At Body ECU Against Fire Wall Behind Black Plastic Cover
TRUNK TRIGGER (-)	RED/BLUE	At Body ECU Against Fire Wall Behind Black Plastic Cover
TRUNK RELEASE (-)	BLUE	At Trunk Release Switch Or At Body ECU Against Fire Wall Behind Black Plastic Cover
FACTORY ALARM ARM (-)	GREEN/YELLOW	At Module Inside Passenger Door
FACTORY ALARM DISARM (-)	GREEN	At Module Inside Passenger Door
TACHOMETER WIRE	BLACK/YELLOW	At Ignitor In Front Of Passenger Shock Tower
BRAKE WIRE (+)	GREEN/WHITE	Harness In Driver's Kick Panel
HORN TRIGGER (-)	GREEN/RED	Harness At Steering Column
LEFT FRONT WINDOW UP	RED	At Motor Inside Door
LEFT FRONT WINDOW DOWN	GREEN	At Motor Inside Door
RIGHT FRONT WINDOW UP	RED	At Motor Inside Door
RIGHT FRONT WINDOW DOWN	GREEN	At Motor Inside Door
LEFT REAR WINDOW UP	RED	At Motor Inside Door
LEFT REAR WINDOW DOWN	GREEN	At Motor Inside Door
RIGHT REAR WINDOW UP	RED	At Motor Inside Door
RIGHT REAR WINDOW DOWN	GREEN	At Motor Inside Door

ALARM & REMOTE START INTERFACE MODULES

MODULE	PART NUMBER	NOTES
None required	N/A	N/A
Please verify all part numbers before ordering.		

AUDIO WIRING		
WIRE	COLOR	LOCATION
RADIO 12V	RED	Radio Harness
RADIO SWITCHED	GRAY	Radio Harness
RADIO GROUND	BROWN	Radio Harness
ILLUMINATION (+)	GREEN	Radio Harness
POWER ANTENNA (+)	BLACK, WHITE/RED, and GRAY/RED	Radio Harness
LEFT TO AMP (+)	RED	Radio Harness
LEFT TO AMP (-)	GREEN	Radio Harness
RIGHT TO AMP (+)	BLACK	Radio Harness
RIGHT TO AMP (-)	TAN	Radio Harness
CONSTANT 12V	BLUE/YELLOW	At Amplifier Under Right Front Seat
ACCESSORY 12V	GRAY	At Amplifier Under Right Front Seat
CHASSIS GROUND	BROWN	At Amplifier Under Right Front Seat
LEFT FRONT SPEAKERS (+)	PINK	At Amplifier Under Right Front Seat
LEFT FRONT SPEAKERS (-)	PURPLE	At Amplifier Under Right Front Seat
RIGHT FRONT SPEAKERS (+)	LIGHT GREEN	At Amplifier Under Right Front Seat
RIGHT FRONT SPEAKERS (-)	BLUE	At Amplifier Under Right Front Seat
LEFT REAR SPEAKER (+)	BLACK	At Amplifier Under Right Front Seat
LEFT REAR SPEAKER (-)	YELLOW	At Amplifier Under Right Front Seat
RIGHT REAR SPEAKER (+)	WHITE	At Amplifier Under Right Front Seat
RIGHT REAR SPEAKER (-)	RED	At Amplifier Under Right Front Seat
REAR DECK SUBWOOFER (+)	LIGHT GREEN/BLACK	At Amplifier Under Right Front Seat
REAR DECK SUBWOOFER (-)	LIGHT GREEN/RED	At Amplifier Under Right Front Seat

AUDIO SYSTEM NOTES			
FRONT SPEAKERS	REAR SPEAKERS	AMP LOCATION	NOTES
6.5", 1" Tweeter	6.5"	Under Passenger Seat Or In Right Side Of Trunk	8" subwoofer, if equipped

STEREO INSTALLATION PARTS			
BRAND	DASH KIT	WIRE HARNESS ADAPTER	ANTENNA ADAPTER
SCOSCHE	LS2085B	Not available	Not required
METRA	99-8153	Not available	Not required
METRA	95-8153	Not available	Not required

Notes: Dash kit for double-DIN stereo
Please verify all part numbers before ordering.

Remote starter and security installations should be attempted by experienced security installers only. Information contained is accurate to the best of our knowledge and experience. Information contained is without any representation of warranty. It is the installer's responsibility to test and confirm all circuits with a digital multi-meter. Proper installation remains the responsibility of the installer. CarAlarmPros assumes no liability or responsibility resulting from an improper installation, even in reliance with the information contained in this guide.

ALARM & REMOTE START WIRING

WIRE	COLOR	LOCATION
12V CONSTANT WIRE	BLACK/WHITE or WHITE/BLUE	Ignition Harness
STARTER WIRE	RED	Ignition Harness
NOTE: In order to interface with the auto-adjust steering wheel on 1995-1997 Lexus LS400s, 4 relays must be used to relay isolate specific wires. In pins 1 and 8 of plug 1J at fuse box: BLUE/GREEN and BLUE, in pin 9 of plug B6 at Body ECU: RED/BLUE, in pins 14 and 15 of plug T9 at Tilt and Telescopic ECU: RED/BLUE and GREEN/WHITE. Refer to TechDoc 3848		
IGNITION WIRE	BLACK/YELLOW	Ignition Harness
SECOND IGNITION WIRE	BLACK/ORANGE	Ignition Harness
ACCESSORY WIRE	PINK/BLUE	Ignition Harness
POWER DOOR LOCK (-)	GREEN/RED	At Module Inside Passenger Door
POWER DOOR UNLOCK (-)	GREEN/BLACK	At Module Inside Passenger Door
PARKING LIGHTS (+)	GREEN or GREEN/ORANGE	Harness In Driver's Kick Panel
PARKING LIGHTS (-)	GREEN/WHITE	At Body ECU Against Fire Wall Behind Black Plastic Cover
DOOR TRIGGER (-)	RED/WHITE	At Body ECU Against Fire Wall Behind Black Plastic Cover
TRUNK TRIGGER (-)	RED/BLUE	At Body ECU Against Fire Wall Behind Black Plastic Cover
TRUNK RELEASE (-)	BLUE	At Trunk Release Switch Or At Body ECU Against Fire Wall Behind Black Plastic Cover
FACTORY ALARM ARM (-)	GREEN/YELLOW	At Module Inside Passenger Door
FACTORY ALARM DISARM (-)	GREEN	At Module Inside Passenger Door
TACHOMETER WIRE	BLACK/YELLOW	At Ignitor In Front Of Passenger Shock Tower
BRAKE WIRE (+)	GREEN/WHITE	Harness In Driver's Kick Panel
HORN TRIGGER (-)	GREEN/RED	Harness At Steering Column
LEFT FRONT WINDOW UP	RED	At Motor Inside Door
LEFT FRONT WINDOW DOWN	GREEN	At Motor Inside Door
RIGHT FRONT WINDOW UP	RED	At Motor Inside Door
RIGHT FRONT WINDOW DOWN	GREEN	At Motor Inside Door
LEFT REAR WINDOW UP	RED	At Motor Inside Door
LEFT REAR WINDOW DOWN	GREEN	At Motor Inside Door
RIGHT REAR WINDOW UP	RED	At Motor Inside Door
RIGHT REAR WINDOW DOWN	GREEN	At Motor Inside Door

ALARM & REMOTE START INTERFACE MODULES

MODULE	PART NUMBER	NOTES
Immobilizer Bypass Module Please verify all part numbers before ordering.	DEI 556UW	Required when installing a remote start system

AUDIO WIRING		
WIRE	COLOR	LOCATION
RADIO 12V	RED	Radio Harness
RADIO SWITCHED	GRAY	Radio Harness
RADIO GROUND	BROWN	Radio Harness
ILLUMINATION (+)	GREEN	Radio Harness
POWER ANTENNA (+)	BLACK, WHITE/RED, and GRAY/RED	Radio Harness
LEFT TO AMP (+)	RED	Radio Harness
LEFT TO AMP (-)	GREEN	Radio Harness
RIGHT TO AMP (+)	BLACK	Radio Harness
RIGHT TO AMP (-)	TAN	Radio Harness
CONSTANT 12V	BLUE/YELLOW	At Amplifier Under Right Front Seat
ACCESSORY 12V	GRAY	At Amplifier Under Right Front Seat
CHASSIS GROUND	BROWN	At Amplifier Under Right Front Seat
LEFT FRONT SPEAKERS (+)	PINK	At Amplifier Under Right Front Seat
LEFT FRONT SPEAKERS (-)	PURPLE	At Amplifier Under Right Front Seat
RIGHT FRONT SPEAKERS (+)	LIGHT GREEN	At Amplifier Under Right Front Seat
RIGHT FRONT SPEAKERS (-)	BLUE	At Amplifier Under Right Front Seat
LEFT REAR SPEAKER (+)	BLACK	At Amplifier Under Right Front Seat
LEFT REAR SPEAKER (-)	YELLOW	At Amplifier Under Right Front Seat
RIGHT REAR SPEAKER (+)	WHITE	At Amplifier Under Right Front Seat
RIGHT REAR SPEAKER (-)	RED	At Amplifier Under Right Front Seat
REAR DECK SUBWOOFER (+)	LIGHT GREEN/BLACK	At Amplifier Under Right Front Seat
REAR DECK SUBWOOFER (-)	LIGHT GREEN/RED	At Amplifier Under Right Front Seat

AUDIO SYSTEM NOTES			
FRONT SPEAKERS	REAR SPEAKERS	AMP LOCATION	NOTES
6.5", 1" Tweeter	6.5"	Under Passenger Seat Or In Right Side Of Trunk	8" subwoofer, if equipped

STEREO INSTALLATION PARTS			
BRAND	DASH KIT	WIRE HARNESS ADAPTER	ANTENNA ADAPTER
SCOSCHE	LS2085B	Not available	Not required
METRA	99-8153	Not available	Not required
METRA	95-8153	Not available	Not required

Notes: Dash kit for double-DIN stereo
Please verify all part numbers before ordering.

ALARM REMOTE START WIRING

WIRE	COLOR	LOCATION
12V CONSTANT WIRE	BLACK/WHITE or WHITE/BLUE	Ignition Harness
STARTER WIRE	RED	Ignition Harness
IGNITION WIRE	BLACK/YELLOW	Ignition Harness
SECOND IGNITION WIRE	BLACK/ORANGE	Ignition Harness
ACCESSORY WIRE	PINK/BLUE	Ignition Harness
POWER DOOR LOCK (-)	GREEN/RED	At Module Inside Passenger Door
POWER DOOR UNLOCK (-)	GREEN/BLACK	At Module Inside Passenger Door
PARKING LIGHTS (+)	GREEN or GREEN/ORANGE	Harness In Driver's Kick Panel
PARKING LIGHTS (-)	GREEN/WHITE	At Body ECU Against Fire Wall Behind Black Plastic Cover
DOOR TRIGGER (-)	RED/WHITE	At Body ECU Against Fire Wall Behind Black Plastic Cover
TRUNK TRIGGER (-)	RED/BLUE	At Body ECU Against Fire Wall Behind Black Plastic Cover
TRUNK RELEASE (-)	BLUE	At Trunk Release Switch Or At Body ECU Against Fire Wall Behind Black Plastic Cover
FACTORY ALARM ARM (-)	GREEN/YELLOW	At Module Inside Passenger Door
FACTORY ALARM DISARM (-)	GREEN	At Module Inside Passenger Door
TACHOMETER WIRE	BLACK/YELLOW	At Ignitor In Front Of Passenger Shock Tower
BRAKE WIRE (+)	GREEN/WHITE	Harness In Driver's Kick Panel
HORN TRIGGER (-)	GREEN/RED	Harness At Steering Column
LEFT FRONT WINDOW UP	RED	At Motor Inside Door
LEFT FRONT WINDOW DOWN	GREEN	At Motor Inside Door
RIGHT FRONT WINDOW UP	RED	At Motor Inside Door
RIGHT FRONT WINDOW DOWN	GREEN	At Motor Inside Door
LEFT REAR WINDOW UP	RED	At Motor Inside Door
LEFT REAR WINDOW DOWN	GREEN	At Motor Inside Door
RIGHT REAR WINDOW UP	RED	At Motor Inside Door
RIGHT REAR WINDOW DOWN	GREEN	At Motor Inside Door

INTERFACE	PART NUMBER	NOTES
Immobilizer Bypass Module	DEI 556UW	Required when installing a remote start system

Please verify all part numbers before ordering.

AUDIO WIRING			
WIRE	COLOR	LOCATION	NOTES
RADIO 12V	RED	Radio	
RADIO SWITCHED	GRAY	Radio	
RADIO GROUND	BROWN	Radio	
ILLUMINATION (+)	GREEN	Radio	
POWER ANTENNA (+)	BLACK/RED	Radio	
AMP TURN ON (+)	PINK/BLUE	Radio	
LEFT FRONT SPEAKER(+)	PINK	Radio Harness or Speaker	
LEFT FRONT SPEAKER (-)	VIOLET	Radio Harness or Speaker	
RIGHT FRONT SPEAKER (+)	GREEN	Radio Harness or Speaker	
RIGHT FRONT SPEAKER (-)	BLUE	Radio Harness or Speaker	
LEFT REAR SPEAKER (+)	BLACK	Radio Harness or Speaker	
LEFT REAR SPEAKER (-)	YELLOW	Radio Harness or Speaker	
RIGHT REAR SPEAKER (+)	RED	Radio Harness or Speaker	
RIGHT REAR SPEAKER (-)	WHITE	Radio Harness or Speaker	

FRONT SPEAKERS SIZE	REAR SPEAKERS SIZE	AMP LOCATION	NOTES
6.5", 1" Tweeter	6.5"	Under Passenger Seat Or In Right Side Of Trunk	8" subwoofer, if equipped

RADIO DASH KIT OPTIONS	RADIO WIRE HARNESS OPTIONS	ANTENNA ADAPTER OPTIONS
METRA 99-8153, SCOSCHE LS2085B	Not available	Not required

Notes: Kit only applicable to models without factory navigation

Please verify all part numbers before ordering.

ALARM REMOTE START WIRING

WIRE	COLOR	LOCATION
12V CONSTANT WIRE	BLACK/WHITE or WHITE/BLUE	Ignition Harness
STARTER WIRE	BLACK/RED	Ignition Harness
IGNITION WIRE	WHITE	Ignition Harness
SECOND IGNITION WIRE	BLACK	Ignition Harness
ACCESSORY WIRE	WHITE/GREEN	Ignition Harness

POWER DOOR LOCK

Notes: To lock the vehicle you must supply a negative (-) pulse to the LOCK WIRE while interrupting the DOOR LOCK DETECTION WIRE with a relay. To unlock the doors, you must provide a (-) negative pulse to the UNLOCK WIRE and the DOOR LOCK DETECTION WIRE using tw

POWER DOOR UNLOCK

Notes: To lock the vehicle you must supply a negative (-) pulse to the LOCK WIRE while interrupting the DOOR LOCK DETECTION WIRE with a relay. To unlock the doors, you must provide a (-) negative pulse to the UNLOCK WIRE and the DOOR LOCK DETECTION WIRE using tw

PARKING LIGHTS (+)	GREEN/ORANGE	3-pin Plug At Fuse Box
PARKING LIGHTS (-)	GREEN	Harness At Steering Column
DOOR TRIGGER (-)	GREEN/WHITE	Harness In Driver's Kick Panel
TRUNK TRIGGER (-)	BLUE/YELLOW	Harness In Driver's Kick Panel
TRUNK RELEASE (-)	ORANGE	At Trunk Release Switch
FACTORY ALARM ARM (-)	Arms with lock	
FACTORY ALARM DISARM (-)	Disarms with unlock	
DISARM NO UNLOCK (-)	YELLOW	Key-Sense Wire At Ignition Harness
TACHOMETER WIRE	BLACK/YELLOW	At ECM Behind Glove Box
BRAKE WIRE (+)	GREEN/WHITE	Harness In Driver's Kick Panel
HORN TRIGGER (-)	GREEN/RED	Harness At Steering Column
LEFT FRONT WINDOW UP	GREEN	At Motor Inside Door
LEFT FRONT WINDOW DOWN	GREEN/WHITE	At Motor Inside Door
RIGHT FRONT WINDOW UP	GREEN	At Motor Inside Door
RIGHT FRONT WINDOW DOWN	GREEN/WHITE	At Motor Inside Door
LEFT REAR WINDOW UP	RED	At Motor Inside Door
LEFT REAR WINDOW DOWN	GREEN	At Motor Inside Door
RIGHT REAR WINDOW UP	RED	At Motor Inside Door
RIGHT REAR WINDOW DOWN	GREEN	At Motor Inside Door

INTERFACE	PART NUMBER	NOTES
Immobilizer Bypass Module	DEI 556UW	Required when installing a remote start system

Please verify all part numbers before ordering.

AUDIO WIRING			
WIRE	COLOR	LOCATION	NOTES
RADIO 12V	RED	Radio	
RADIO SWITCHED	GRAY	Radio	
RADIO GROUND	BROWN	Radio	
ILLUMINATION (+)	GREEN	Radio	
POWER ANTENNA (+)	BLACK/RED	Radio	
AMP TURN ON (+)	PINK/BLUE	Radio	
LEFT FRONT SPEAKER(+)	PINK	Radio Harness or Speaker	
LEFT FRONT SPEAKER (-)	VIOLET	Radio Harness or Speaker	
RIGHT FRONT SPEAKER (+)	GREEN	Radio Harness or Speaker	
RIGHT FRONT SPEAKER (-)	BLUE	Radio Harness or Speaker	
LEFT REAR SPEAKER (+)	BLACK	Radio Harness or Speaker	
LEFT REAR SPEAKER (-)	YELLOW	Radio Harness or Speaker	
RIGHT REAR SPEAKER (+)	RED	Radio Harness or Speaker	
RIGHT REAR SPEAKER (-)	WHITE	Radio Harness or Speaker	
FRONT SPEAKERS SIZE	REAR SPEAKERS SIZE	AMP LOCATION	NOTES
6.5", 1" Tweeter	6.5"	Under Passenger Seat Or In Right Side Of Trunk	8" subwoofer, if equipped
RADIO DASH KIT OPTIONS		RADIO WIRE HARNESS OPTIONS	ANTENNA ADAPTER OPTIONS
METRA 99-8153, SCOSCHE LS2085B		Not available	Not required
Notes: Kit only applicable to models without factory navigation			
Please verify all part numbers before ordering.			

ALARM REMOTE START WIRING

WIRE	COLOR	LOCATION
12V CONSTANT WIRE	BLACK/WHITE or WHITE/BLUE	Ignition Harness
STARTER WIRE	BLACK/RED	Ignition Harness
IGNITION WIRE	WHITE	Ignition Harness
SECOND IGNITION WIRE	BLACK	Ignition Harness
ACCESSORY WIRE	WHITE/GREEN	Ignition Harness

POWER DOOR LOCK

Notes: To lock the vehicle you must supply a negative (-) pulse to the LOCK WIRE while interrupting the DOOR LOCK DETECTION WIRE with a relay. To unlock the doors, you must provide a (-) negative pulse to the UNLOCK WIRE and the DOOR LOCK DETECTION WIRE using tw

POWER DOOR UNLOCK

Notes: To lock the vehicle you must supply a negative (-) pulse to the LOCK WIRE while interrupting the DOOR LOCK DETECTION WIRE with a relay. To unlock the doors, you must provide a (-) negative pulse to the UNLOCK WIRE and the DOOR LOCK DETECTION WIRE using tw

PARKING LIGHTS (+)	GREEN/ORANGE	3-pin Plug At Fuse Box
PARKING LIGHTS (-)	GREEN	Harness At Steering Column
DOOR TRIGGER (-)	GREEN/WHITE	Harness In Driver's Kick Panel
TRUNK TRIGGER (-)	BLUE/YELLOW	Harness In Driver's Kick Panel
TRUNK RELEASE (-)	ORANGE	At Trunk Release Switch
FACTORY ALARM ARM (-)	Arms with lock	
FACTORY ALARM DISARM (-)	Disarms with unlock	
DISARM NO UNLOCK (-)	YELLOW	Key-Sense Wire At Ignition Harness
TACHOMETER WIRE	BLACK/YELLOW	At ECM Behind Glove Box
BRAKE WIRE (+)	GREEN/WHITE	Harness In Driver's Kick Panel
HORN TRIGGER (-)	GREEN/RED	Harness At Steering Column
LEFT FRONT WINDOW UP	GREEN	At Motor Inside Door
LEFT FRONT WINDOW DOWN	GREEN/WHITE	At Motor Inside Door
RIGHT FRONT WINDOW UP	GREEN	At Motor Inside Door
RIGHT FRONT WINDOW DOWN	GREEN/WHITE	At Motor Inside Door
LEFT REAR WINDOW UP	RED	At Motor Inside Door
LEFT REAR WINDOW DOWN	GREEN	At Motor Inside Door
RIGHT REAR WINDOW UP	RED	At Motor Inside Door
RIGHT REAR WINDOW DOWN	GREEN	At Motor Inside Door

INTERFACE	PART NUMBER	NOTES
Immobilizer Bypass Module	DEI 556UW	Required when installing a remote start system

Please verify all part numbers before ordering.

AUDIO WIRING			
WIRE	COLOR	LOCATION	NOTES
RADIO 12V	RED	Radio	
RADIO SWITCHED	GRAY	Radio	
RADIO GROUND	BROWN	Radio	
ILLUMINATION (+)	GREEN	Radio	
POWER ANTENNA (+)	BLACK/RED	Radio	
AMP TURN ON (+)	PINK/BLUE	Radio	
LEFT FRONT SPEAKER(+)	PINK	Radio Harness or Speaker	
LEFT FRONT SPEAKER (-)	VIOLET	Radio Harness or Speaker	
RIGHT FRONT SPEAKER (+)	GREEN	Radio Harness or Speaker	
RIGHT FRONT SPEAKER (-)	BLUE	Radio Harness or Speaker	
LEFT REAR SPEAKER (+)	BLACK	Radio Harness or Speaker	
LEFT REAR SPEAKER (-)	YELLOW	Radio Harness or Speaker	
RIGHT REAR SPEAKER (+)	RED	Radio Harness or Speaker	
RIGHT REAR SPEAKER (-)	WHITE	Radio Harness or Speaker	

FRONT SPEAKERS SIZE	REAR SPEAKERS SIZE	AMP LOCATION	NOTES
6.5", 1" Tweeter	6.5"	Under Passenger Seat Or In Right Side Of Trunk	8" subwoofer, if equipped

RADIO DASH KIT OPTIONS	RADIO WIRE HARNESS OPTIONS	ANTENNA ADAPTER OPTIONS
METRA 99-8153, SCOSCHE LS2085B	Not available	Not required
Notes: Kit only applicable to models without factory navigation		
Please verify all part numbers before ordering.		