

2010 ELECTRICAL

OEM Power Source (Fuse Identification) - GX460

POWER SOURCE (CURRENT FLOW CHART)

The chart below shows the route by which current flows from the battery to each electrical source (Fusible Link, Circuit Breaker, Fuse, etc.) and other Parts.

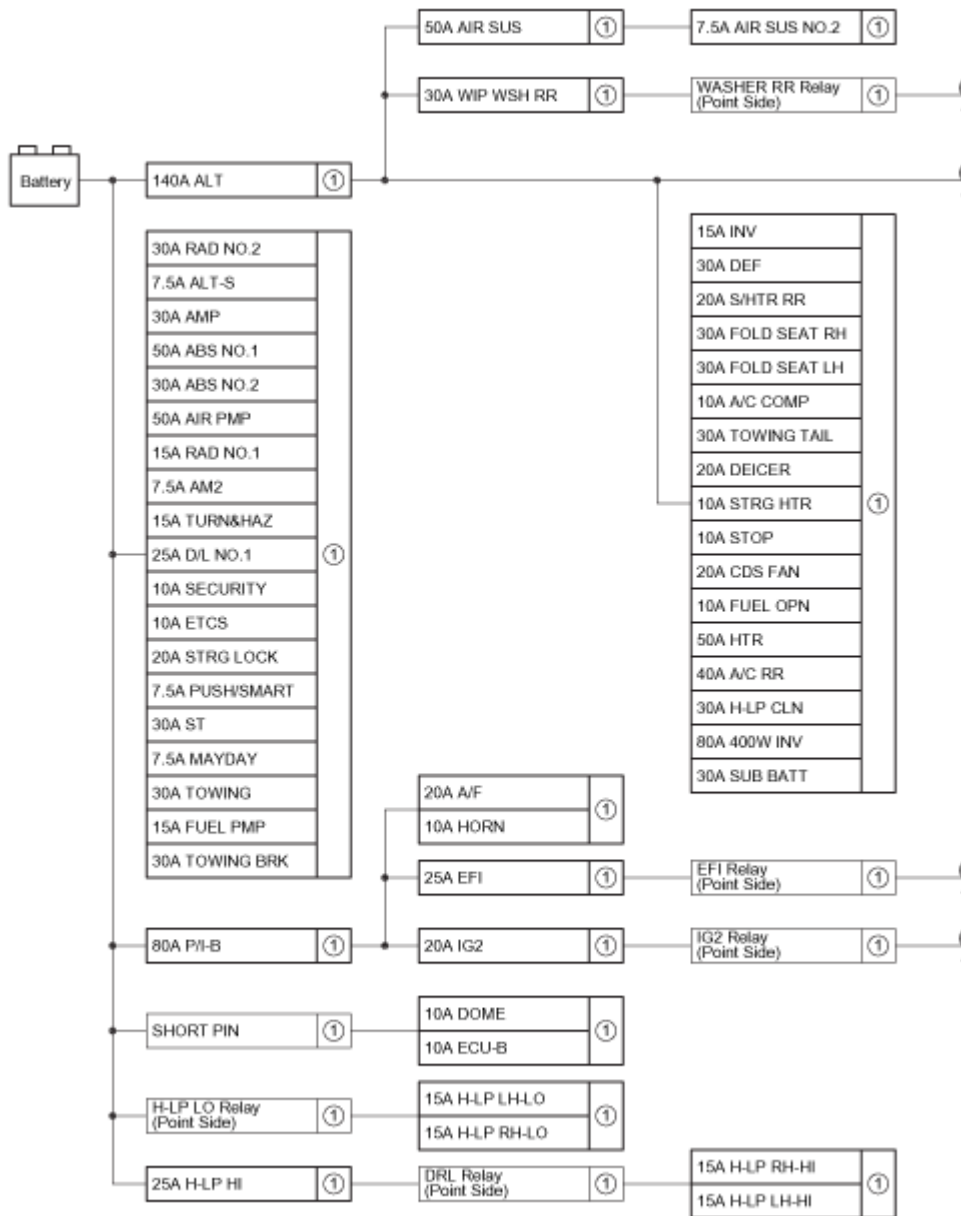


Fig. 1: Current Flow Chart (1 Of 2)

2010 Lexus GX 460

2010 ELECTRICAL OEM Power Source (Fuse Identification) - GX460

① : Engine Room R/B Assembly and Engine Room J/B Assembly (See Page 24)

② : Instrument Panel J/B Assembly (See Page 30)

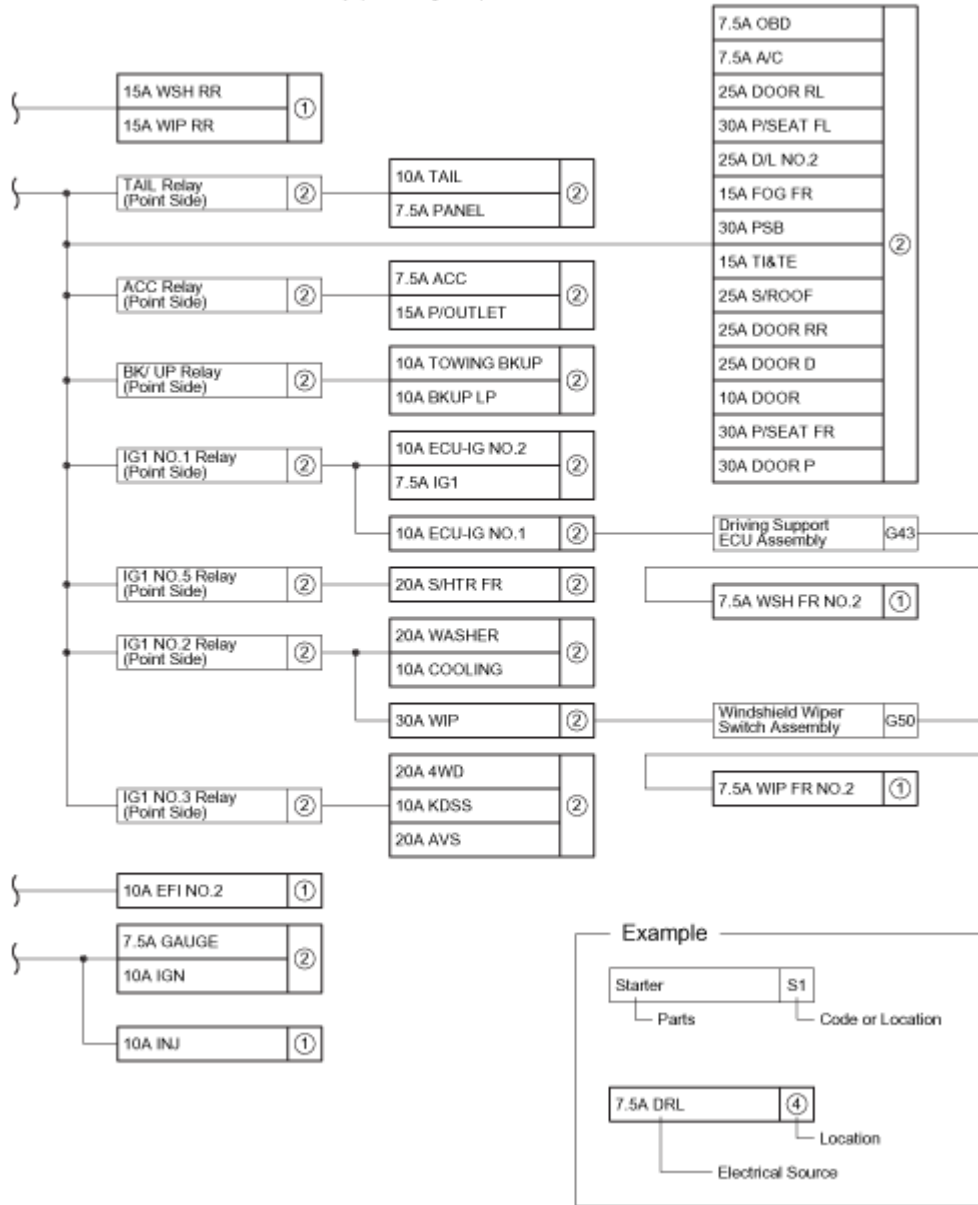


Fig. 2: Current Flow Chart (2 Of 2)

ENGINE ROOM R/B ASSEMBLY AND ENGINE ROOM J/B ASSEMBLY

Fuse		System
7.5A	AIR SUS NO.2	Electronic Modulated Air Suspension
7.5A	ALT-S	Charging
7.5A	AM2	Smart Access System with Push-Button Start

2010 Lexus GX 460

2010 ELECTRICAL OEM Power Source (Fuse Identification) - GX460

7.5A	MAYDAY	LEXUS ENFORM or Safety Connect
7.5A	PUSH/SMART	Smart Access System with Push-Button Start
7.5A	WIP FR NO.2	Dynamic Radar Cruise Control and Lane Departure Alert
7.5A	WSH FR NO.2	Dynamic Radar Cruise Control and Lane Departure Alert
10A	A/C COMP	Air Conditioning
10A	DOVE	Interior Light
		Smart Access System with Push-Button Start
		ABS, Brake Assist, Crawl, EBD, Downhill Assist Control, Hill-Start Assist Control, A-TRAC, Multi-Terrain Select and VSC
		Adaptive Front-Lighting System
		Air Conditioning Audio System (17 Speaker w/ LEXUS Navigation System), LEXUS Navigation System (17 Speaker), Multi-Terrain Monitor
		(17 Speaker w/ LEXUS Navigation System) and Parking Assist (Rear View Monitor and Wide-View Front & Side Monitor) (17 Speaker w/ LEXUS Navigation System) Audio System (9 Speaker w/ LEXUS Navigation System), LEXUS Navigation System (9 Speaker), Multi-Terrain Monitor
		(9 Speaker w/ LEXUS Navigation System) and Parking Assist (Rear View Monitor and Wide-View Front & Side Monitor) (9 Speaker w/ LEXUS Navigation System)
		Audio System (w/o LEXUS Navigation System)
		Automatic Light Control and Light Auto Turn Off System
10A	ECU-B	Center Differential Lock
		Charging
		Combination Meter
		Cool Box

2010 Lexus GX 460

2010 ELECTRICAL OEM Power Source (Fuse Identification) - GX460

		Door Lock Control
		Dynamic Radar Cruise Control and Lane Departure Alert
		Electronic Modulated Air Suspension
		Engine Control, Cruise Control, Electronically Controlled Transmission and A/T Indicator
		Front Fog Light
		Front Wiper and Washer
		Garage Door Opener
		Glass Hatch Opener
		Headlight
		Headlight Cleaner
		Interior Light
		Kinetic Dynamic Suspension System
		LEXUS ENFORM or Safety Connect
		Multi Information Display, Multi-Terrain Monitor (w/o LEXUS Navigation System) and Parking Assist (Rear View Monitor and Wide-View Front & Side Monitor) (w/o LEXUS Navigation System)
		Parking Assist (Intuitive Parking Assist)
		Power Outlet (120V-400W)
		Power Rear No. 2 Seat with Stowing Function
		Power Seat (Driver's Seat)
		Power Tilt and Power Telescopic
10A	ECU-B	Power Window
		Pre-Collision System
		Rear Window Defogger and Mirror Heater
		Rear Wiper and Washer
		Remote Control Mirror
		Seat Belt Warning
		Sliding Roof
		Smart Access System with Push-Button Start
		SRS

2010 Lexus GX 460

2010 ELECTRICAL OEM Power Source (Fuse Identification) - GX460

		Taillight and Illumination
		Theft Deterrent
		Tire Pressure Warning System
10A	EFI NO.2	Engine Control, Cruise Control, Electronically Controlled Transmission and A/T Indicator
10A	ETCS	Dynamic Radar Cruise Control and Lane Departure Alert
		Engine Control, Cruise Control, Electronically Controlled Transmission and A/T Indicator
10A	FUEL OPN	Fuel Lid Opener
10A	HORN	Horn
10A	INJ	Engine Control, Cruise Control, Electronically Controlled Transmission and A/T Indicator
		Ignition
10A	SECURITY	Theft Deterrent
		ABS, Brake Assist, Crawl, EBD, Downhill Assist Control, Hill-Start
		Assist Control, A-TRAC, Multi-Terrain Select and VSC Dynamic Radar Cruise Control and Lane Departure Alert
10A	STOP	Electronic Modulated Air Suspension
		Engine Control, Cruise Control, Electronically Controlled Transmission and A/T Indicator
		Pre-Collision System
		Shift Lock
10A	STOP	Smart Access System with Push-Button Start
		Stop Light
		Trailer Towing
10A	STRG HTR	Heated Steering Wheel System
15A	FUEL PMP	Engine Control, Cruise Control, Electronically Controlled Transmission and A/T Indicator
15A	H-LP LH-HI	Headlight
15A	H-LP LH-LO	Headlight
15A	H-LP RH-HI	Headlight
15A	H-LP RH-LO	Headlight
15A	INV	Power Outlet (120V-100W)

2010 Lexus GX 460

2010 ELECTRICAL OEM Power Source (Fuse Identification) - GX460

15A	RAD NO.1	Audio System (17 Speaker w/ LEXUS Navigation System), LEXUS Navigation System (17 Speaker), Multi-Terrain Monitor (17 Speaker w/ LEXUS Navigation System) and Parking Assist (Rear View Monitor and Wide-View Front & Side Monitor) (17 Speaker w/ LEXUS Navigation System)
		Audio System (9 Speaker w/ LEXUS Navigation System), LEXUS Navigation System (9 Speaker), Multi-Terrain Monitor (9 Speaker w/ LEXUS Navigation System) and Parking Assist (Rear View Monitor and Wide-View Front & Side Monitor) (9 Speaker w/ LEXUS Navigation System)
		Audio System (w/o LEXUS Navigation System)
15A	TURN&HAZ	Turn Signal and Hazard Warning Light
15A	WIP RR	Rear Wiper and Washer
15A	WSH RR	Rear Wiper and Washer
20A	A/F	Engine Control, Cruise Control, Electronically Controlled Transmission and A/T Indicator
20A	CDS FAN	Condenser Fan
20A	DEICER	Front Window Deicer
20A	IG2	Smart Access System with Push-Button Start
20A	S/HTR RR	Seat Heater (Rear)
20A	STRG LOCK	Smart Access System with Push-Button Start
25A	D/L NO.1	Door Lock Control
		Glass Hatch Opener
		Smart Access System with Push-Button Start
25A	EFI	Dynamic Radar Cruise Control and Lane Departure Alert
		Engine Control, Cruise Control, Electronically Controlled Transmission and A/T Indicator
25A	H-LP HI	Automatic Light Control and Light

2010 Lexus GX 460

2010 ELECTRICAL OEM Power Source (Fuse Identification) - GX460

		Auto Turn Off System
		Headlight
30A	ABS NO.2	ABS, Brake Assist, Crawl, EBD, Downhill Assist Control, Hill-Start Assist Control, A-TRAC, Multi-Terrain Select and VSC
		Dynamic Radar Cruise Control and Lane Departure Alert
30A	AMP	Audio System (17 Speaker w/ LEXUS Navigation System), LEXUS Navigation System (17 Speaker), Multi-Terrain Monitor (17 Speaker w/ LEXUS Navigation System) and Parking Assist (Rear View Monitor and Wide-View Front & Side Monitor) (17 Speaker w/ LEXUS Navigation System)
		Audio System (9 Speaker w/ LEXUS Navigation System), LEXUS Navigation System (9 Speaker), Multi-Terrain Monitor (9 Speaker w/ LEXUS Navigation System) and Parking Assist (Rear View Monitor and Wide-View Front & Side Monitor) (9 Speaker w/ LEXUS Navigation System)
		Audio System (w/o LEXUS Navigation System)
30A	DEF	Rear Window Defogger and Mirror Heater
30A	FOLD SEAT LH	Power Rear No. 2 Seat with Stowing Function
30A	FOLD SEAT RH	Power Rear No. 2 Seat with Stowing Function
30A	H-LP CLN	Headlight Cleaner
30A	RAD NO.2	Audio System (17 Speaker w/ LEXUS Navigation System), LEXUS Navigation System (17 Speaker), Multi-Terrain Monitor (17 Speaker w/ LEXUS Navigation System) and Parking Assist (Rear View Monitor and Wide-View Front & Side Monitor) (17 Speaker w/ LEXUS Navigation System)

2010 Lexus GX 460

2010 ELECTRICAL OEM Power Source (Fuse Identification) - GX460

		Audio System (9 Speaker w/ LEXUS Navigation System), LEXUS Navigation System (9 Speaker), Multi-Terrain Monitor (9 Speaker w/ LEXUS Navigation System) and Parking Assist (Rear View Monitor and Wide-View Front & Side Monitor) (9 Speaker w/ LEXUS Navigation System)
30A	ST	Smart Access System with Push-Button Start
30A	SUB BATT	Trailer Towing
30A	TOWING	Trailer Towing
30A	TOWING BRK	Trailer Towing
30A	TOWING TAIL	Trailer Towing
30A	WIP WSH RR	Rear Wiper and Washer
40A	A/C RR	Air Conditioning
50A	ABS NO.1	ABS, Brake Assist, Crawl, EBD, Downhill Assist Control, Hill-Start Assist Control, A-TRAC, Multi-Terrain Select and VSC
		Dynamic Radar Cruise Control and Lane Departure Alert
50A	AIR PMP	Engine Control, Cruise Control, Electronically Controlled Transmission and A/T Indicator
50A	AIR SUS	Electronic Modulated Air Suspension
50A	HTR	Air Conditioning
80A	400W INV	Power Outlet (120V-400W)
140A	ALT	Automatic Light Control and Light Auto Turn Off System
		Back-Up Light
		Charging
		Front Fog Light
		Taillight and Illumination
140A	ALT	Trailer Towing

INSTRUMENT PANEL J/B ASSEMBLY

Fuse		System
7.5A	A/C	Air Conditioning
		Adaptive Front-Lighting System
		Air Conditioning Audio System

2010 Lexus GX 460

2010 ELECTRICAL OEM Power Source (Fuse Identification) - GX460

		(17 Speaker w/ LEXUS Navigation System), LEXUS Navigation System (17 Speaker), Multi-Terrain Monitor
		(17 Speaker w/ LEXUS Navigation System) and Parking Assist (Rear View Monitor and Wide-View Front & Side Monitor) (17 Speaker w/ LEXUS Navigation System) Audio System (9 Speaker w/ LEXUS Navigation System), LEXUS Navigation System (9 Speaker), Multi-Terrain Monitor
		(9 Speaker w/ LEXUS Navigation System) and Parking Assist (Rear View Monitor and Wide-View Front & Side Monitor) (9 Speaker w/ LEXUS Navigation System)
		Audio System (w/o LEXUS Navigation System)
		Automatic Light Control and Light Auto Turn Off System
		Back-Up Light
		Combination Meter
		Door Lock Control
		Dynamic Radar Cruise Control and Lane Departure Alert
		Electronic Modulated Air Suspension
7.5A	ACC	Engine Control, Cruise Control, Electronically Controlled Transmission and A/T Indicator
		Front Fog Light
		Front Wiper and Washer
		Glass Hatch Opener
		Headlight
		Headlight Cleaner
		Interior Light
		LEXUS ENFORM or Safety Connect
		Multi Information Display, Multi-Terrain Monitor (w/o LEXUS Navigation System) and Parking Assist(Rear View Monitor and Wide-View Front & Side Monitor)

2010 Lexus GX 460

2010 ELECTRICAL OEM Power Source (Fuse Identification) - GX460

		(w/o LEXUS Navigation System)
		Parking Assist (Intuitive Parking Assist)
		Power Rear No. 2 Seat with Stowing Function
		Power Seat (Driver's Seat)
		Power Tilt and Power Telescopic
		Power Window
		Rear Wiper and Washer
		Remote Control Mirror
		Sliding Roof
		Smart Access System with Push-Button Start
7.5A	ACC	Taillight and Illumination
		Theft Deterrent
		Trailer Towing
		ABS, Brake Assist, Crawl, EBD, Downhill Assist Control, Hill-Start Assist Control, A-TRAC, Multi-Terrain Select and VSC
		Adaptive Front-Lighting System
		Audio System (17 Speaker w/ LEXUS Navigation System), LEXUS Navigation System (17 Speaker), Multi-Terrain Monitor (17 Speaker w/ LEXUS Navigation System) and Parking Assist (Rear View Monitor and Wide-View Front & Side Monitor) (17 Speaker w/ LEXUS Navigation System)
		Audio System (9 Speaker w/ LEXUS Navigation System), LEXUS Navigation System (9 Speaker), Multi-Terrain Monitor (9 Speaker w/ LEXUS Navigation System) and Parking Assist (Rear View Monitor and Wide-View Front & Side Monitor) (9 Speaker w/ LEXUS Navigation System)
		Audio System (w/o LEXUS Navigation System)
		Center Differential Lock
		Charging
		Combination Meter

2010 Lexus GX 460

2010 ELECTRICAL OEM Power Source (Fuse Identification) - GX460

		Dynamic Radar Cruise Control and Lane Departure Alert
		Electronic Modulated Air Suspension
7.5A	GAUGE	Engine Control, Cruise Control, Electronically Controlled Transmission and A/T Indicator
		Front Fog Light
		Front Wiper and Washer
		Headlight
		Kinetic Dynamic Suspension System
		LEXUS ENFORM or Safety Connect
		Multi Information Display, Multi-Terrain Monitor (w/o LEXUS Navigation System) and Parking Assist(Rear View Monitor and Wide-View Front & Side Monitor) (w/o LEXUS Navigation System)
		Parking Assist (Intuitive Parking Assist)
		Power Outlet (120V-400W)
		Pre-Collision System
		Seat Belt Warning
		Sliding Roof
		Smart Access System with Push-Button Start
		SRS
		Taillight and Illumination
		Tire Pressure Warning System
		ABS, Brake Assist, Crawl, EBD, Downhill Assist Control, Hill-Start Assist Control, A-TRAC, Multi-Terrain Select and VSC
		Air Conditioning
		Charging
		Condenser Fan
		Dynamic Radar Cruise Control and Lane Departure Alert
7.5A	IG1	Electronic Modulated Air Suspension
		Heated Steering Wheel System
		Pre-Collision System

2010 Lexus GX 460

2010 ELECTRICAL OEM Power Source (Fuse Identification) - GX460

		Seat Heater (Rear)
		Stop Light
		Trailer Towing
		Turn Signal and Hazard Warning Light
7.5A	OBD	Data Link Connector 3
7.5A	PANEL	Taillight and Illumination
10A	BKUP LP	Back-Up Light
10A	COOLING	Cool Box
10A	DOOR	Power Window
		ABS, Brake Assist, Crawl, EBD, Downhill Assist Control, Hill-Start Assist Control, A-TRAC, Multi-Terrain Select and VSC
		Adaptive Front-Lighting System
		Audio System (17 Speaker w/ LEXUS Navigation System), LEXUS Navigation System (17 Speaker), Multi-Terrain Monitor (17 Speaker w/ LEXUS Navigation System) and Parking Assist (Rear View Monitor and Wide-View Front & Side Monitor) (17 Speaker w/ LEXUS Navigation System)
		Audio System (9 Speaker w/ LEXUS Navigation System), LEXUS Navigation System (9 Speaker), Multi-Terrain Monitor (9 Speaker w/ LEXUS Navigation System) and Parking Assist (Rear View Monitor and Wide-View Front & Side Monitor) (9 Speaker w/ LEXUS Navigation System)
		Back-Up Light
10A	ECU-IG NO.1	Dynamic Radar Cruise Control and Lane Departure Alert
		Engine Control, Cruise Control, Electronically Controlled Transmission and A/T Indicator
		Front Wiper and Washer
		Multi Information Display, Multi-Terrain Monitor (w/o LEXUS Navigation System) and Parking Assist(Rear View Monitor and Wide-View Front & Side Monitor)

2010 Lexus GX 460

2010 ELECTRICAL OEM Power Source (Fuse Identification) - GX460

		(w/o LEXUS Navigation System)
		Parking Assist (Intuitive Parking Assist)
		Power Rear No. 2 Seat with Stowing Function
		Power Seat (Driver's Seat)
		Power Tilt and Power Telescopic
		Pre-Collision System
		Remote Control Mirror
10A	ECU-IG NO.1	Shift Lock
		Tire Pressure Warning System
		Trailer Towing
		ABS, Brake Assist, Crawl, EBD, Downhill Assist Control, Hill-Start Assist Control, A-TRAC, Multi-Terrain Select and VSC
		Adaptive Front-Lighting System
		Air Conditioning
		Audio System (17 Speaker w/ LEXUS Navigation System), LEXUS Navigation System (17 Speaker), Multi-Terrain Monitor (17 Speaker w/ LEXUS Navigation System) and Parking Assist (Rear View Monitor and Wide-View Front & Side Monitor) (17 Speaker w/ LEXUS Navigation System)
		Audio System (9 Speaker w/ LEXUS Navigation System), LEXUS Navigation System (9 Speaker), Multi-Terrain Monitor (9 Speaker w/ LEXUS Navigation System) and Parking Assist (Rear View Monitor and Wide-View Front & Side Monitor) (9 Speaker w/ LEXUS Navigation System)
		Audio System (w/o LEXUS Navigation System)
		Automatic Glare-Resistant EC Mirror with Compass
		Automatic Light Control and Light Auto Turn Off System
		Center Differential Lock
		Climate Control Seat and Seat Heater (Front)

2010 Lexus GX 460

2010 ELECTRICAL OEM Power Source (Fuse Identification) - GX460

		Combination Meter
		Door Lock Control
10A	ECU-IG NO.2	Dynamic Radar Cruise Control and Lane Departure Alert
		Electric Tension Reducer
		Electronic Modulated Air Suspension
		Front Fog Light
		Front Window Deicer
		Front Wiper and Washer
		Garage Door Opener
		Glass Hatch Opener
		Headlight
		Headlight Cleaner
		Heated Steering Wheel System
		Interior Light
		Multi Information Display, Multi-Terrain Monitor (w/o LEXUS Navigation System) and Parking Assist(Rear View Monitor and Wide-View Front & Side Monitor) (w/o LEXUS Navigation System)
		Parking Assist (Intuitive Parking Assist)
		Power Outlet (120V-100W)
		Power Outlet (120V-400W)
		Power Rear No. 2 Seat with Stowing Function
		Power Seat (Driver's Seat)
		Power Tilt and Power Telescopic
		Power Window
		Rear Window Defogger and Mirror Heater
		Rear Wiper and Washer
10A	ECU-IG NO.2	Remote Control Mirror
		Seat Belt Warning
		Seat Heater (Rear)
		Sliding Roof
		Smart Access System with Push-Button Start
		Taillight and Illumination
		Theft Deterrent
		ABS, Brake Assist, Crawl, EBD,

2010 Lexus GX 460

2010 ELECTRICAL OEM Power Source (Fuse Identification) - GX460

		Downhill Assist Control, Hill-Start Assist Control, A-TRAC, Multi-Terrain Select and VSC
		Dynamic Radar Cruise Control and Lane Departure Alert
10A	IGN	Engine Control, Cruise Control, Electronically Controlled Transmission and A/T Indicator
		LEXUS ENFORM or Safety Connect
		Smart Access System with Push-Button Start
		SRS
10A	KDSS	Kinetic Dynamic Suspension System
		Front Fog Light
10A	TAIL	Taillight and Illumination
		Trailer Towing
10A	TOWING BKUP	Trailer Towing
15A	FOG FR	Front Fog Light
15A	P/OUTLET	Power Outlet (12V)
15A	TI&TE	Power Tilt and Power Telescopic
20A	4WD	Center Differential Lock
20A	AVS	Electronic Modulated Air Suspension
20A	S/HTR FR	Climate Control Seat and Seat Heater (Front)
		Dynamic Radar Cruise Control and Lane Departure Alert
20A	WASHER	Front Wiper and Washer
		Rear Wiper and Washer
		Adaptive Front-Lighting System
		Air Conditioning
25A	D/L NO.2	Audio System (9 Speaker w/ LEXUS Navigation System), LEXUS Navigation System (9 Speaker), Multi-Terrain Monitor (9 Speaker w/ LEXUS Navigation System) and Parking Assist (Rear View Monitor and Wide-View Front & Side Monitor) (9 Speaker w/ LEXUS Navigation System)
		Audio System (w/o LEXUS Navigation System)

2010 Lexus GX 460

2010 ELECTRICAL OEM Power Source (Fuse Identification) - GX460

		Automatic Light Control and Light Auto Turn Off System
		Combination Meter
		Door Lock Control
		Dynamic Radar Cruise Control and Lane Departure Alert
		Electronic Modulated Air Suspension
		Front Fog Light
		Front Wiper and Washer
		Glass Hatch Opener
		Headlight
25A	D/L NO.2	Headlight Cleaner
		Interior Light
		Power Seat (Driver's Seat)
		Power Tilt and Power Telescopic
		Power Window
		Rear Wiper and Washer
		Remote Control Mirror
		Sliding Roof
		Smart Access System with Push-Button Start
		Taillight and Illumination
		Theft Deterrent
		Power Window
25A	DOOR D	Rear Window Defogger and Mirror Heater
		Remote Control Mirror
25A	DOOR RL	Power Window
25A	DOOR RR	Power Window
25A	S/ROOF	Sliding Roof
		Power Window
30A	DOOR P	Rear Window Defogger and Mirror Heater
		Remote Control Mirror
30A	P/SEAT FL	Power Seat (Driver's Seat)
30A	P/SEAT FR	Power Seat (Front Passenger's Seat)
30A	PSB	Pre-Collision System
30A	WIP	Front Wiper and Washer