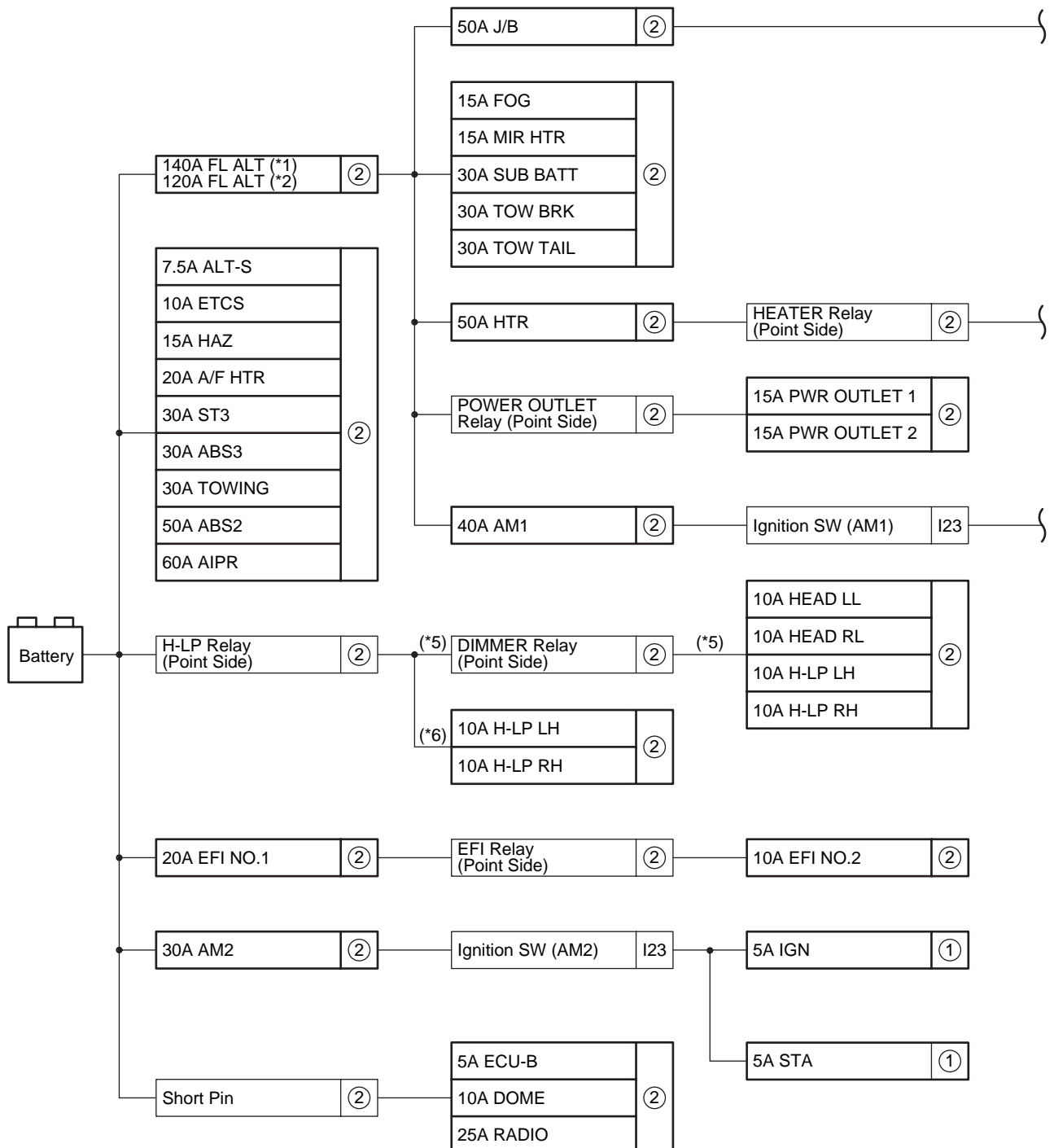


J POWER SOURCE (Current Flow Chart)

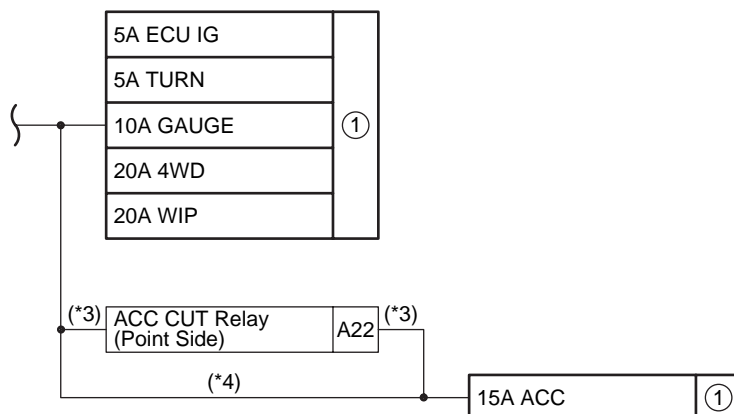
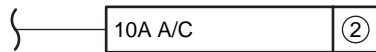
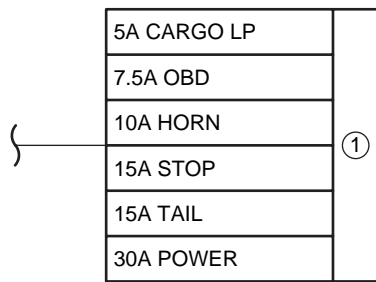
[Access Cab, Standard Cab]

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.

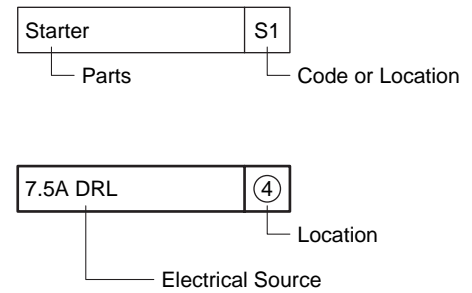


[LOCATION] ① : Driver Side J/B and Integration Relay (See page 26 (*6), 30 (*5))

② : Engine Room R/B (See page 24)



Example



- * 1:Towing Package
- * 2:Except Towing Package
- * 3:A/T
- * 4:M/T
- * 5:w/ Daytime Running Light
- * 6:w/o Daytime Running Light

J POWER SOURCE (Current Flow Chart)

[Access Cab, Standard Cab]

**Driver Side J/B (See Page 26 w/o Daytime Running Light,
See Page 30 w/ Daytime Running Light)**

Fuse		System	Page
5A	CARGO LP	Cargo Light	186
		Center Cluster Integration Control System	188
5A	ECU IG	ABS (w/ VSC), TRAC and VSC	208
		ABS (w/o VSC)	216
		Door Lock Control (w/ Daytime Running Light)	246
		Door Lock Control (w/o Daytime Running Light)	252
		Headlight (w/ Daytime Running Light)	150
		Light Auto Turn Off System (w/ Daytime Running Light)	178
		Light Auto Turn Off System (w/o Daytime Running Light)	180
		Power Window	266
		Stop Light	176
		Tire Pressure Warning System	220
		TVIP and Wireless Door Lock Control	258
5A	IGN	ABS (w/ VSC), TRAC and VSC	208
		ABS (w/o VSC)	216
		Air Conditioning	308
		Center Cluster Integration Control System	188
		Charging	116
		Combination Mater	302
		Cruise Control (1GR-FE)	228
		Cruise Control (2UZ-FE)	224
		Door Lock Control (w/ Daytime Running Light)	246
		Door Lock Control (w/o Daytime Running Light)	252
		Electronically Controlled Transmission and A/T Indicator (1GR-FE)	200
		Electronically Controlled Transmission and A/T Indicator (2UZ-FE)	194
		Engine Control (1GR-FE)	132
		Engine Control (2UZ-FE)	118
		Engine Immobiliser System	146
		Interior Light	170
		Key Reminder and Seat Belt Warning	270
		Navigation System and Audio System (Separate Type Amplifier w/ Navigation System)	292
		SRS	233
		Tire Pressure Warning System	220
		Wiper and Washer (w/ INT TIME SW)	280
		Wiper and Washer (w/o INT TIME SW)	282
		4WD	240
5A	STA	Electronically Controlled Transmission and A/T Indicator (1GR-FE)	200
		Electronically Controlled Transmission and A/T Indicator (2UZ-FE)	194
		Engine Control (1GR-FE)	132

* These are the page numbers of the first page on which the related system is shown.

Fuse		System	Page
5A	STA	Engine Control (2UZ-FE)	118
		Starting	104
5A	TURN	Trailer Towing	182
		Turn Signal and Hazard Warning Light	174
7.5A	OBD	Engine Control (1GR-FE)	132
		Engine Control (2UZ-FE)	118
10A	GAUGE	ABS (w/ VSC), TRAC and VSC	208
		ABS (w/o VSC)	216
		Air Conditioning	308
		Automatic Glare-Resistant EC Mirror	286
		Back-Up Light	160
		Center Cluster Integration Control System	188
		Charging	116
		Combination Meter	302
		Cruise Control (1GR-FE)	228
		Cruise Control (2UZ-FE)	224
		Electronically Controlled Transmission and A/T Indicator (1GR-FE)	200
		Electronically Controlled Transmission and A/T Indicator (2UZ-FE)	194
		Engine Control (1GR-FE)	132
		Mirror Heater	284
		Navigation System and Audio System (Separate Type Amplifier w/ Navigation System)	292
		Tire Pressure Warning System	220
		Trailer Towing	182
		4WD	240
10A	HORN	Horn	278
		TVIP and Wireless Door Lock Control	258
15A	ACC	ABS (w/ VSC), TRAC and VSC	208
		ABS (w/o VSC)	216
		Audio System (Built-In Type Amplifier)	300
		Audio System (Separate Type Amplifier w/o Navigation System)	296
		Back-Up Light	160
		Center Cluster Integration Control System	188
		Cigarette Lighter and Power Outlet	274
		Clock	276
		Cruise Control (1GR-FE)	228
		Cruise Control (2UZ-FE)	224
		Electronically Controlled Transmission and A/T Indicator (1GR-FE)	200
		Electronically Controlled Transmission and A/T Indicator (2UZ-FE)	194
		Key Reminder and Seat Belt Warning	270
		Navigation System and Audio System (Separate Type Amplifier w/ Navigation System)	292
		Remote Control Mirror	288
		SRS	233

* These are the page numbers of the first page on which the related system is shown.

J POWER SOURCE (Current Flow Chart)

[Access Cab, Standard Cab]

Fuse		System	Page
15A	ACC	Trailer Towing	182
		4WD	240
15A	STOP	ABS (w/ VSC), TRAC and VSC	208
		ABS (w/o VSC)	216
		Cruise Control (1GR-FE)	228
		Cruise Control (2UZ-FE)	224
		Electronically Controlled Transmission and A/T Indicator (1GR-FE)	200
		Electronically Controlled Transmission and A/T Indicator (2UZ-FE)	194
		Engine Control (1GR-FE)	132
		Engine Control (2UZ-FE)	118
		Stop Light	176
15A	TAIL	Trailer Towing	182
		Center Cluster Integration Control System	188
		Engine Control (1GR-FE)	132
		Engine Control (2UZ-FE)	118
		Headlight (w/ Daytime Running Light)	150
		Illumination	166
		Light Auto Turn Off System (w/ Daytime Running Light)	178
		Light Auto Turn Off System (w/o Daytime Running Light)	180
		Taillight	162
20A	WIP	Trailer Towing	182
		TVIP and Wireless Door Lock Control	258
20A	4WD	Wiper and Washer (w/ INT TIME SW)	280
		Wiper and Washer (w/o INT TIME SW)	282
30A	POWER	4WD	240
		Door Lock Control (w/ Daytime Running Light)	246
		Door Lock Control (w/o Daytime Running Light)	252
		Power Seat	290
		Power Window	266
		TVIP and Wireless Door Lock Control	258

Engine Room R/B (See Page 24)

Fuse		System	Page
5A	ECU-B	ABS (w/ VSC), TRAC and VSC	208
		Engine Control (1GR-FE)	132
		Engine Control (2UZ-FE)	118
		Engine Immobiliser System	146
		SRS	233
		TVIP and Wireless Door Lock Control	258
7.5A	ALT-S	Charging	116
10A	A/C	Air Conditioning	308
		Center Cluster Integration Control System	188

* These are the page numbers of the first page on which the related system is shown.

Fuse		System	Page
10A	DOME	Center Cluster Integration Control System	188
		Clock	276
		Combination Meter	302
		Door Lock Control (w/ Daytime Running Light)	246
		Door Lock Control (w/o Daytime Running Light)	252
		Interior Light	170
		Key Reminder and Seat Belt Warning	270
		TVIP and Wireless Door Lock Control	258
10A	EFI NO.2	Engine Control (1GR-FE)	132
		Engine Control (2UZ-FE)	118
10A	ETCS	Cruise Control (1GR-FE)	228
		Cruise Control (2UZ-FE)	224
		Engine Control (1GR-FE)	132
		Engine Control (2UZ-FE)	118
10A	HEAD LL	Fog Light (w/ Daytime Running Light)	156
		Headlight (w/ Daytime Running Light)	150
10A	HEAD RL	Headlight (w/ Daytime Running Light)	150
10A	H-LP LH	Fog Light (w/o Daytime Running Light)	158
		Headlight (w/ Daytime Running Light)	150
		Headlight (w/o Daytime Running Light)	154
10A	H-LP RH	Fog Light (w/o Daytime Running Light)	158
		Headlight (w/ Daytime Running Light)	150
		Headlight (w/o Daytime Running Light)	154
15A	FOG	Fog Light (w/ Daytime Running Light)	156
		Fog Light (w/o Daytime Running Light)	158
15A	HAZ	Trailer Towing	182
		Turn Signal and Hazard Warning Light	174
15A	MIR HTR	Mirror Heater	284
15A	PWR OUTLET1	Cigarette Lighter and Power Outlet	274
15A	PWR OUTLET2	Cigarette Lighter and Power Outlet	274
20A	A/F HTR	Engine Control (1GR-FE)	132
		Engine Control (2UZ-FE)	118
20A	EFI NO.1	Cruise Control (1GR-FE)	228
		Cruise Control (2UZ-FE)	224
		Electronically Controlled Transmission and A/T Indicator (1GR-FE)	200
		Electronically Controlled Transmission and A/T Indicator (2UZ-FE)	194
		Engine Control (1GR-FE)	132
		Engine Control (2UZ-FE)	118
		Engine Immobiliser System	146
25A	RADIO	Audio System (Built-In Type Amplifier)	300
		Audio System (Separate Type Amplifier w/o Navigation System)	296
		Navigation System and Audio System	
		(Separate Type Amplifier w/ Navigation System)	292

* These are the page numbers of the first page on which the related system is shown.

J POWER SOURCE (Current Flow Chart)

[Access Cab, Standard Cab]

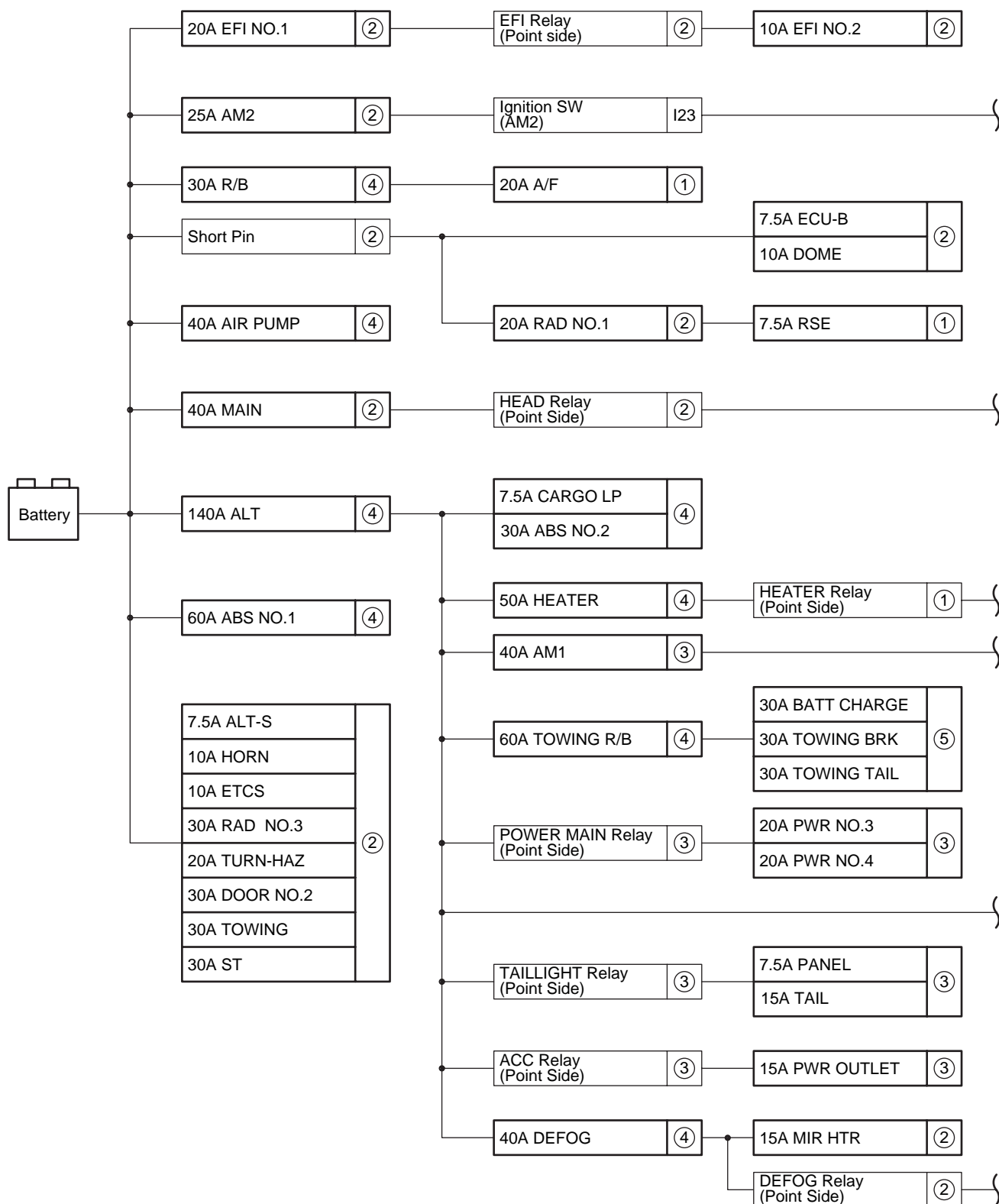
Fuse		System	Page
30A	ABS3	ABS (w/ VSC), TRAC and VSC	208
		ABS (w/o VSC)	216
30A	AM2	Engine Control (1GR-FE)	132
		Engine Control (2UZ-FE)	118
		Ignition (1GR-FE)	112
		Ignition (2UZ-FE)	108
		Starting	104
30A	ST3	Starting	104
30A	SUB BATT	Trailer Towing	182
30A	TOW BRK	Trailer Towing	182
30A	TOW TAIL	Trailer Towing	182
30A	TOWING	Trailer Towing	182
40A	AM1	Engine Control (1GR-FE)	132
		Engine Control (2UZ-FE)	118
50A	ABS2	ABS (w/ VSC), TRAC and VSC	208
		ABS (w/o VSC)	216
50A	HTR	Air Conditioning	308
		Center Cluster Integration Control System	188
50A	J/B	Illumination	166
		Taillight	162
60A	AIPR	Engine Control (2UZ-FE)	118
120A	FL ALT (Except Towing Package)	Charging	116
		Cigarette Lighter and Power Outlet	274
		Engine Control (1GR-FE)	132
		Engine Control (2UZ-FE)	118
		Illumination	166
		Taillight	162
140A	FL ALT (Towing Package)	Charging	116
		Cigarette Lighter and Power Outlet	274
		Engine Control (2UZ-FE)	118
		Illumination	166
		Taillight	162

* These are the page numbers of the first page on which the related system is shown.

J POWER SOURCE (Current Flow Chart)

[Double Cab]

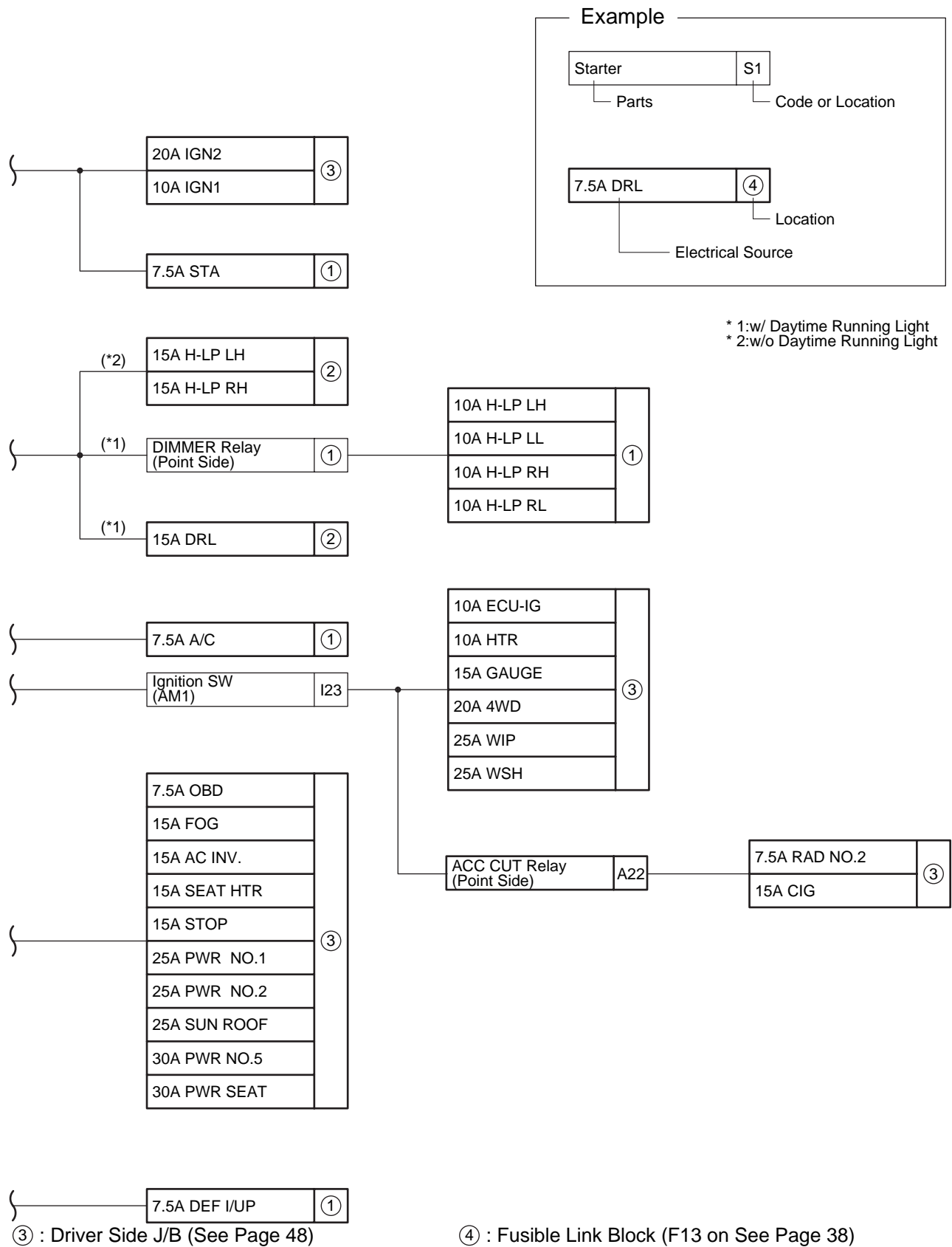
The chart below shows the route by which current flows from the battery to each electrical source (Fusible Link, Circuit Breaker, Fuse, etc.) and other Parts.



[LOCATION] ① : Engine Room R/B No.2 (See Page 42)

② : Engine Room J/B (See Page 44)

③ : Engine Room R/B No.3 (See Page 43)



J POWER SOURCE (Current Flow Chart)

[Double Cab]

Engine Room R/B No.2 (See Page 42)

Fuse		System	Page
7.5A	A/C	Air Conditioning	522
		Center Cluster Integration Control System	370
7.5A	DEF I/UP	Engine Control	324
		Rear Window Defogger and Mirror Heater	486
7.5A	STA	Electronically Controlled Transmission and A/T Indicator	434
		Engine Control	324
		Starting	316
10A	H-LP LH	Headlight (w/ Daytime Running Light)	342
		Multiplex Communication System (BEAN)	380
10A	H-LP LL	Fog Light (w/ Daytime Running Light)	348
		Headlight (w/ Daytime Running Light)	342
		Multiplex Communication System (BEAN)	380
10A	H-LP RH	Headlight (w/ Daytime Running Light)	342
		Multiplex Communication System (BEAN)	380
10A	H-LP RL	Headlight (w/ Daytime Running Light)	342
		Multiplex Communication System (BEAN)	380
20A	A/F	Engine Control	324

Engine Room J/B (See Page 44)

Fuse		System	Page
7.5A	ALT-S	Charging	322
7.5A	ECU-B	ABS (w/ VSC), TRAC and VSC	444
		Door Lock Control and Theft Deterrent	416
		Engine Control	324
		Engine Immobiliser System	338
		Interior Light	404
		Key Reminder and Seat Belt Warning	400
		Light Auto Turn Off System	396
		Multiplex Communication System (BEAN)	380
		Power Window	410
		SRS	461
		Wireless Door Lock Control	424
10A	DOME	Center Cluster Integration Control System	370
		Combination Meter	516
		Interior Light	404
		Key Reminder and Seat Belt Warning	400
		Multiplex Communication System (BEAN)	380
10A	EFI NO.2	Engine Control	324
10A	ETCS	Cruise Control	440
		Engine Control	324

* These are the page numbers of the first page on which the related system is shown.

Fuse		System	Page
10A	HORN	Door Lock Control and Theft Deterrent	416
		Horn	476
		Multiplex Communication System (BEAN)	380
15A	DRL	Headlight (w/ Daytime Running Light)	342
		Multiplex Communication System (BEAN)	380
15A	H-LP LH	Fog Light (w/o Daytime Running Light)	354
		Headlight (w/o Daytime Running Light)	346
		Multiplex Communication System (BEAN)	380
15A	H-LP RH	Fog Light (w/o Daytime Running Light)	350
		Headlight (w/o Daytime Running Light)	346
		Multiplex Communication System (BEAN)	380
15A	MIR HTR	Rear Window Defogger and Mirror Heater	486
20A	EFI NO.1	Cruise Control	440
		Electronically Controlled Transmission and A/T Indicator	434
		Engine Control	324
		Engine Immobiliser System	338
20A	RAD NO.1	Audio System (Rear Seat Entertainment System)	498
		Audio System (6 Speaker)	514
		Audio System (8 Speaker)	510
		Navigation System (w/ Rear Seat Entertainment System and Audio System (w/ Navigation and Rear Seat Entertainment System)	490
		Navigation System (w/o Rear Seat Entertainment System) and Audio System (8 Speaker w/ Navigation System)	506
20A	TURN-HAZ	Trailer Towing	362
		Turn Signal and Hazard Warning Light	360
25A	AM2	Engine Control	324
		Ignition	318
		SRS	461
		Starting	316
30A	DOOR NO.2	Door Lock Control and Theft Deterrent	416
		Multiplex Communication System (BEAN)	380
		Power Window	410
		Wireless Door Lock Control	424
30A	RAD NO.3	Audio System (Rear Seat Entertainment System)	498
		Audio System (8 Speaker)	510
		Navigation System (w/ Rear Seat Entertainment System and Audio System (w/ Navigation and Rear Seat Entertainment System)	490
		Navigation System (w/o Rear Seat Entertainment System) and Audio System (8 Speaker w/ Navigation System)	506
30A	ST	Starting	316
30A	TOWING	Trailer Towing	362
40A	MAIN	Door Lock Control and Theft Deterrent	416
		Fog Light (w/ Daytime Running Light)	348
		Fog Light (w/o Daytime Running Light)	350

* These are the page numbers of the first page on which the related system is shown.

J POWER SOURCE (Current Flow Chart)

[Double Cab]

Fuse		System	Page
40A	MAIN	Headlight (w/ Daytime Running Light)	342
		Headlight (w/o Daytime Running Light)	346
		Light Auto Turn Off System	396
		Multiplex Communication System (BEAN)	380

Driver Side J/B (See Page 48)

Fuse		System	Page
7.5A	OBD	Engine Control	324
7.5A	PANEL	Center Cluster Integration Control System	370
		Combination Meter	516
		Illumination	356
7.5A	RAD NO.2	Audio System (Rear Seat Entertainment System)	498
		Audio System (6 Speaker)	514
		Audio System (8 Speaker)	510
		Center Cluster Integration Control System	370
		Cigarette Lighter and Power Outlet (12V)	472
		Multiplex Communication System (BEAN)	380
		Navigation System (w/ Rear Seat Entertainment System and Audio System (w/ Navigation and Rear Seat Entertainment System)	490
		Navigation System (w/o Rear Seat Entertainment System) and Audio System (8 Speaker w/ Navigation System)	506
10A	ECU-IG	Remote Control Mirror	480
		ABS (w/ VSC), TRAC and VSC	444
		ABS (w/o VSC)	450
		Accessory Meter and Garage Door Opener	470
		Automatic Glare-Resistant EC Mirror	488
		Charging	322
		Door Lock Control and Theft Deterrent	416
		Interior Light	404
		Light Auto Turn Off System	396
		Moon Roof	478
		Multiplex Communication System (BEAN)	380
		Power Outlet (115V)	474
		Power Window	410
		Stop Light	368
		Tire Pressure Warning System	454
		Trailer Towing	362
		Wireless Door Lock Control	424
10A	GAUGE	Cruise Control	440
		Electronically Controlled Transmission and A/T Indicator	434
10A	HTR	Air Conditioning	522
		Center Cluster Integration Control System	370
		Engine Control	324

* These are the page numbers of the first page on which the related system is shown.

Fuse		System	Page
10A	HTR	Rear Window Defogger and Mirror Heater	486
		Seat Heater	484
10A	IGN1	ABS (w/ VSC), TRAC and VSC	444
		ABS (w/o VSC)	450
		Accessory Meter and Garage Door Opener	470
		Air Conditioning	522
		Center Cluster Integration Control System	370
		Charging	322
		Combination Meter	516
		Cruise Control	440
		Electronically Controlled Transmission and A/T Indicator	434
		Engine Control	324
		Engine Immobiliser System	338
		Interior Light	404
		Key Reminder and Seat Belt Warning	400
		Multiplex Communication System (BEAN)	380
		SRS	461
		Tire Pressure Warning System	454
		4WD	456
15A	AC INV.	Power Outlet (115V)	474
15A	CIG	Cigarette Lighter and Power Outlet (12V)	472
15A	FOG	Fog Light (w/ Daytime Running Light)	348
		Fog Light (w/o Daytime Running Light)	350
		Multiplex Communication System (BEAN)	380
15A	GAUGE	ABS (w/ VSC), TRAC and VSC	444
		ABS (w/o VSC)	450
		Back-Up Light	366
		Trailer Towing	362
		Turn Signal and Hazard Warning Light	360
		4WD	456
15A	PWR OUTLET	Cigarette Lighter and Power Outlet (12V)	472
15A	SEAT HTR	Seat Heater	484
15A	STOP	ABS (w/ VSC), TRAC and VSC	444
		ABS (w/o VSC)	450
		Cruise Control	440
		Electronically Controlled Transmission and A/T Indicator	434
		Engine Control	324
		Stop Light	368
		Trailer Towing	362
15A	TAIL	Engine Control	324
		Taillight	352
		Trailer Towing	362
20A	IGN2	Engine Control	324
		Ignition	318

* These are the page numbers of the first page on which the related system is shown.

J POWER SOURCE (Current Flow Chart)

[Double Cab]

Fuse		System	Page
20A	PWR NO.3	Multiplex Communication System (BEAN)	380
		Power Window	410
20A	PWR NO.4	Multiplex Communication System (BEAN)	380
		Power Window	410
20A	4WD	4WD	456
25A	PWR NO.1	Door Lock Control and Theft Deterrent	416
		Multiplex Communication System (BEAN)	380
		Power Window	410
		Wireless Door Lock Control	424
25A	PWR NO.2	Door Lock Control and Theft Deterrent	416
		Multiplex Communication System (BEAN)	380
		Power Window	410
		Wireless Door Lock Control	424
25A	SUN ROOF	Moon Roof	478
25A	WIP	Wiper and Washer	432
25A	WSH	Wiper and Washer	432
30A	PWR NO.5	Multiplex Communication System (BEAN)	380
		Power Window	410
30A	PWR SEAT	Power Seat	482
40A	AM1	Engine Control	324

Fusible Link Block (F13 on See Page 38)

Fuse		System	Page
7.5A	CARGO LP	Cargo Light	374
		Center Cluster Integration Control System	370
30A	ABS NO.2	ABS (w/ VSC), TRAC and VSC	444
		ABS (w/o VSC)	450
40A	ABS NO.1	ABS (w/ VSC), TRAC and VSC	444
		ABS (w/o VSC)	450
40A	DEFOG	Engine Control	324
		Rear Window Defogger and Mirror Heater	486
50A	A/PUMP	Engine Control	324
50A	HEATER	Air Conditioning	522
		Center Cluster Integration Control System	370
140A	ALT	ABS (w/o VSC)	450
		Center Cluster Integration Control System	370
		Charging	322
		Cigarette Lighter and Power Outlet (12V)	472
		Combination Meter	516
		Door Lock Control and Theft Deterrent	416
		Engine Control	324
		Illumination	356

* These are the page numbers of the first page on which the related system is shown.

Fuse		System	Page
140A	ALT	Light Auto Turn Off System	396
		Multiplex Communication System (BEAN)	380
		Power Window	410
		Taillight	352
		Trailer Towing	362
		Wireless Door Lock Control	424

Engine Room R/B No.3 (See Page 43)

Fuse		System	Page
7.5A	RSE	Audio System (Rear Seat Entertainment System)	498
		Audio System (8 Speaker)	510
		Navigation System (w/ Rear Seat Entertainment System and Audio System (w/ Navigation and Rear Seat Entertainment System)	490
		Navigation System (w/o Rear Seat Entertainment System) and Audio System (8 Speaker w/ Navigation System)	506
30A	BATT CHARGE	Trailer Towing	362
30A	TOWING BRK	Trailer Towing	362
30A	TOWING TAIL	Multiplex Communication System (BEAN)	380
		Trailer Towing	362

* These are the page numbers of the first page on which the related system is shown.