

Toyota Camry XV 70 – fuse and relay

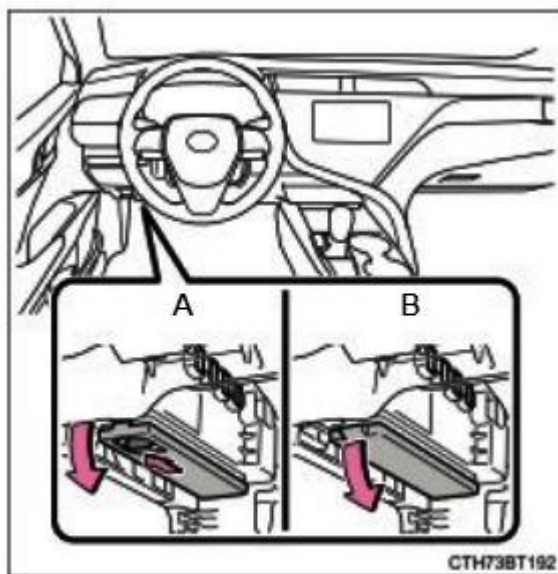
Toyota Camry VX 70 was produced in 2017, 2018, 2019, 2020, 2021, 2022. During this time, the model has been restyled. In this publication, we will show a description of the fuses and relays of the Toyota Camry 70 in the body with box diagrams, photographs and their locations. Let's highlight the fuse responsible for the cigarette lighter.



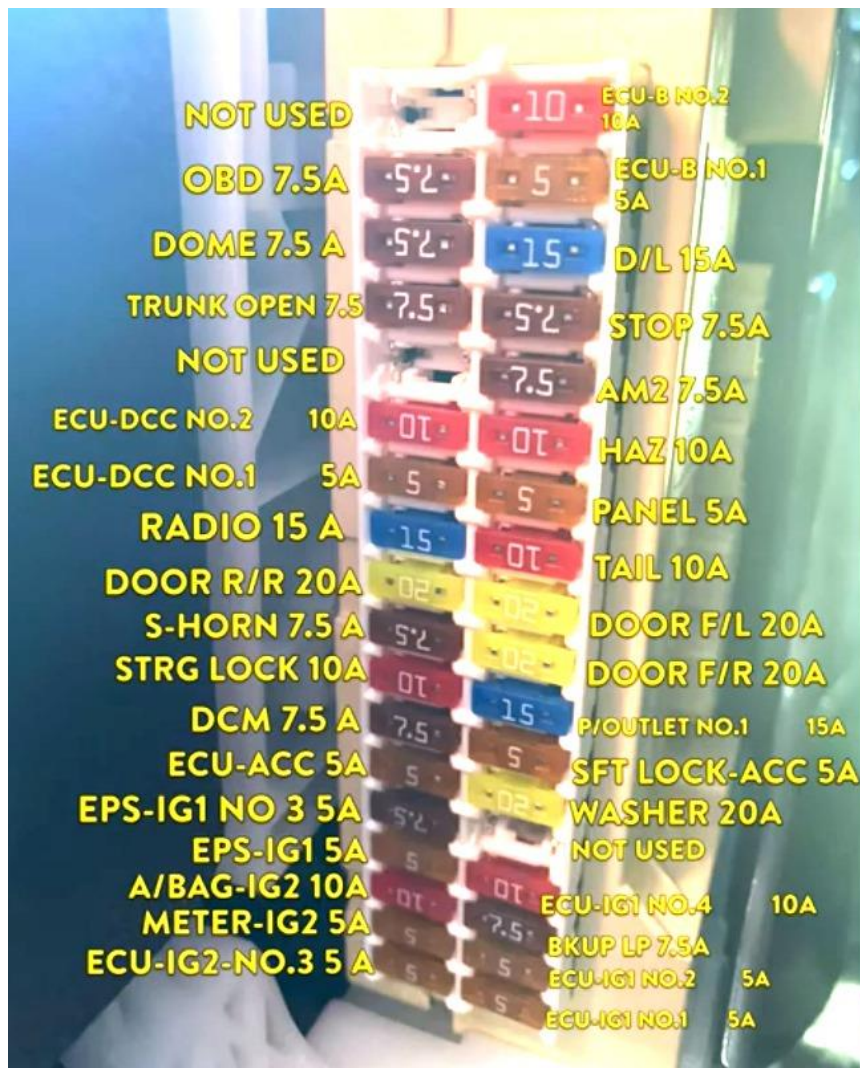
Check the actual assignment of the elements with your diagrams on the box cover.

Passenger compartment fuse box

It is located on the left side under the dashboard.



Legend from cover



Assignment

5A ECU-ACC	ABS
	Audio System (Built-in Type Amplifier)
	Audio System (Separate Type Amplifier)
	Automatic Air Conditioning
	Automatic Light Control
	Back Guide Monitor System (Built-in Type Amplifier)
	Back Guide Monitor System (Separate Type Amplifier)
	Back-Up Light
	Blind Spot Monitor System
	Brake Assist

	Combination Meter
	Cruise Control (2GR FKS)
	Cruise Control (A25A FKS)
	Door Lock Control
	EBD
	Electric Parking Brake
	Electronically Controlled Transmission and A/T Indicator (2GR FKS)
	Electronically Controlled Transmission and A/T Indicator (A25A FKS)
	Engine Control (2GR FKS)
	Engine Control (A25A FKS)
	Fuel Lid Opener
	Headlight
	Hill-Start Assist Control
	Illumination
	Immobiliser System (w/ Smart Key System)
	Interior Light
	Intuitive Parking Assist System
	Key Reminder (w/o Smart Key System)
	Light Auto Turn Off System
	Light Reminder
	Luggage Compartment Door Opener
	Multiplex Communication System (CAN)

	Navigation System (Separate Type Amplifier)
	Panoramic View Monitor System
	Power Outlet
	Power Window
	Rear View Monitor System (Built-in Type Amplifier)
	Rear View Monitor System (Separate Type Amplifier)
	Remote Control Mirror
	Roof Sunshade System
	Safety Connect
	Seat Belt Warning
	Sliding Roof
	Smart Key System
	SRS
	Starting (w/ Smart Key System)
	Steering Lock (w/ Smart Key System)
	Taillight
	Theft Deterrent
	Tire Pressure Warning System
	TRAC
	VSC
	Wireless Charger System
	Wireless Door Lock Control (w/ Smart Key System)
	Wireless Door Lock Control (w/o Smart Key System)

5A ECU-B NO.1	Immobiliser System (w/o Smart Key System)
	ABS
	Brake Assist
	EBD
	Electric Parking Brake
	Hill-Start Assist Control
	TRAC
5A ECU-DCC NO.1	VSC
5A ECU-IG1 NO.1	Shift Lock
	ABS
	Brake Assist
	EBD
	Electric Parking Brake
	Hill-Start Assist Control
	TRAC
5A ECU-IG1 NO.2	VSC
	ABS
	Brake Assist
	Cruise Control (2GR FKS)
	Cruise Control (A25A FKS)
	Dynamic Radar Cruise Control
	EBD
	Electric Parking Brake
5A ECU-IG2 NO.3	

	Electronically Controlled Transmission and A/T Indicator (2GR FKS)
	Electronically Controlled Transmission and A/T Indicator (A25A FKS)
	Engine Control (2GR FKS)
	Engine Control (A25A FKS)
	Hill-Start Assist Control
	Immobiliser System (w/o Smart Key System)
	Multiplex Communication System (CAN)
	Pre-Collision System
	Safety Connect
	Shift Lock
	TRAC
	VSC
5A EPS-IG1	ABS
	Brake Assist
	EBD
	Electric Parking Brake
	EPS
	Hill-Start Assist Control
	TRAC
	VSC
5A METER-IG2	ABS
	Audio System (Built-in Type Amplifier)

	Audio System (Separate Type Amplifier)
	Automatic Air Conditioning
	Back Guide Monitor System (Built-in Type Amplifier)
	Back Guide Monitor System (Separate Type Amplifier)
	Blind Spot Monitor System
	Brake Assist
	Charging
	Combination Meter
	Cruise Control (2GR FKS)
	Cruise Control (A25A FKS)
	Dynamic Radar Cruise Control
	EBD
	Electric Parking Brake
	Electronically Controlled Transmission and A/T Indicator (2GR FKS)
	Electronically Controlled Transmission and A/T Indicator (A25A FKS)
	Engine Control (2GR FKS)
	Engine Control (A25A FKS)
	EPS
	Headlight
	Hill-Start Assist Control
	Illumination
	Immobiliser System (w/ Smart Key System)

	Immobiliser System (w/o Smart Key System)
	Intuitive Parking Assist System
	Key Reminder (w/o Smart Key System)
	Lane Departure Alert
	Light Reminder
	Manual Air Conditioning
	Navigation System (Separate Type Amplifier)
	Pre-Collision System
	Rear View Monitor System (Built-in Type Amplifier)
	Rear View Monitor System (Separate Type Amplifier)
	Roof Sunshade System
	Safety Connect
	Seat Belt Warning
	Sliding Roof
	Smart Key System
	SRS
	Starting (w/ Smart Key System)
	Steering Lock (w/ Smart Key System)
	Taillight
	Tire Pressure Warning System
	TRAC
	Turn Signal and Hazard Warning Light
	VSC

	Wireless Door Lock Control (w/ Smart Key System)
	Wireless Door Lock Control (w/o Smart Key System)
5A PANEL	Illumination
	Taillight
	Wireless Charger System
5A SFT LOCK-ACC	Shift Lock
7,5A AM2	Immobiliser System (w/ Smart Key System)
	Smart Key System
	Starting (w/ Smart Key System)
	Starting (w/o Smart Key System)
	Steering Lock (w/ Smart Key System)
	Wireless Door Lock Control (w/ Smart Key System)
7,5A BKUP LP	ABS
	Audio System (Built-in Type Amplifier)
	Audio System (Separate Type Amplifier)
	Back Guide Monitor System (Built-in Type Amplifier)
	Back Guide Monitor System (Separate Type Amplifier)
	Back-Up Light
	Blind Spot Monitor System
	Brake Assist
	Combination Meter
	Cruise Control (2GR FKS)
	Cruise Control (A25A FKS)

	Door Lock Control
	EBD
	Electric Parking Brake
	Electronically Controlled Transmission and A/T Indicator (2GR FKS)
	Electronically Controlled Transmission and A/T Indicator (A25A FKS)
	Engine Control (2GR FKS)
	Engine Control (A25A FKS)
	Hill-Start Assist Control
	Intuitive Parking Assist System
	Navigation System (Separate Type Amplifier)
	Panoramic View Monitor System
	Rear View Monitor System (Built-in Type Amplifier)
	Rear View Monitor System (Separate Type Amplifier)
	TRAC
	VSC
7,5A DCM	Safety Connect
7,5A DOME	Power Source
7,5A ECU-IG1 NO.3	Automatic Air Conditioning
	Automatic Glare-Resistant EC Mirror
	Cruise Control (2GR FKS)
	Cruise Control (A25A FKS)
	Dynamic Radar Cruise Control

	Electronically Controlled Transmission and A/T Indicator (2GR FKS)
	Electronically Controlled Transmission and A/T Indicator (A25A FKS)
	Engine Control (2GR FKS)
	Engine Control (A25A FKS)
	Garage Door Opener
	Headlight
	Lane Departure Alert
	Mirror Heater
	Panoramic View Monitor System
	Pre-Collision System
	Rear Window Defogger
	Roof Sunshade System
	Sliding Roof
7,5A OBD	Data Link Connector 3
7,5A S-HORN	Immobiliser System (w/ Smart Key System)
	Smart Key System
	Starting (w/ Smart Key System)
	Steering Lock (w/ Smart Key System)
	Theft Deterrent
	Wireless Door Lock Control (w/ Smart Key System)
	Wireless Door Lock Control (w/o Smart Key System)
7,5A STOP	ABS

	Brake Assist
	Cruise Control (2GR FKS)
	Cruise Control (A25A FKS)
	Dynamic Radar Cruise Control
	EBD
	Electric Parking Brake
	Electronically Controlled Transmission and A/T Indicator (2GR FKS)
	Electronically Controlled Transmission and A/T Indicator (A25A FKS)
	Engine Control (2GR FKS)
	Engine Control (A25A FKS)
	Hill-Start Assist Control
	Immobiliser System (w/ Smart Key System)
	Pre-Collision System
	Shift Lock
	Smart Key System
	Starting (w/ Smart Key System)
	Steering Lock (w/ Smart Key System)
	Stop Light
	TRAC
	VSC
	Wireless Door Lock Control (w/ Smart Key System)
7,5A TRUNK OPN	Immobiliser System (w/ Smart Key System)

	Luggage Compartment Door Opener
	Smart Key System
	Starting (w/ Smart Key System)
	Steering Lock (w/ Smart Key System)
	Wireless Door Lock Control (w/ Smart Key System)
	Wireless Door Lock Control (w/o Smart Key System)
10A A/BAG-IG2	Seat Belt Warning
	SRS
10A DOME	Immobiliser System (w/ Smart Key System)
	Interior Light
	Smart Key System
	Starting (w/ Smart Key System)
	Steering Lock (w/ Smart Key System)
	Wireless Door Lock Control (w/ Smart Key System)
	Wireless Door Lock Control (w/o Smart Key System)
10A ECU-B NO.2	ABS
	Audio System (Separate Type Amplifier)
	Automatic Air Conditioning
	Back Guide Monitor System (Separate Type Amplifier)
	Brake Assist
	Door Lock Control
	EBD
	Electric Parking Brake

	Headlight
	Hill-Start Assist Control
	Immobiliser System (w/ Smart Key System)
	Manual Air Conditioning
	Multiplex Communication System (CAN)
	Navigation System (Separate Type Amplifier)
	Panoramic View Monitor System
	Power Window
	Rear View Monitor System (Separate Type Amplifier)
	Smart Key System
	Starting (w/ Smart Key System)
	Steering Lock (w/ Smart Key System)
	Tire Pressure Warning System
	TRAC
	VSC
	Wireless Door Lock Control (w/ Smart Key System)
10A ECU-DCC NO.2	ABS
	Audio System (Built-in Type Amplifier)
	Audio System (Separate Type Amplifier)
	Automatic Air Conditioning
	Automatic Glare-Resistant EC Mirror
15A P/OUTLET NO.2	Cig. light

15A P / OUTLET fuse is responsible for the operation of the cigarette lighter.

Engine compartment fuse box

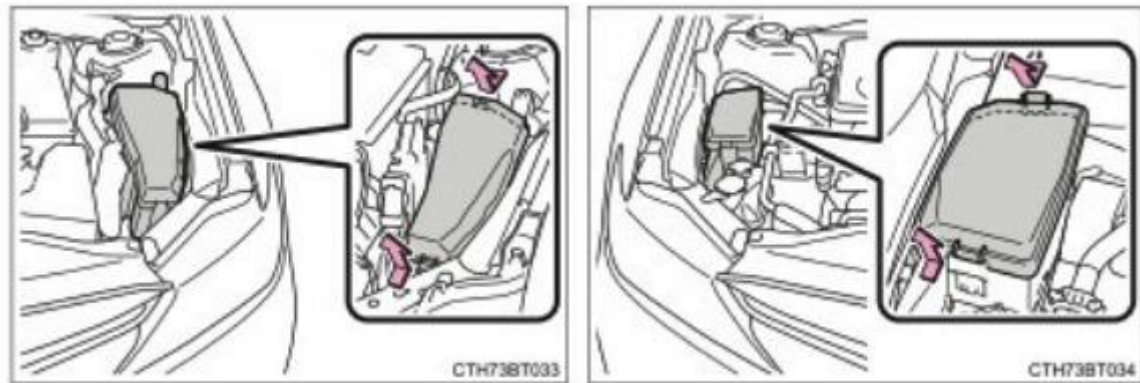
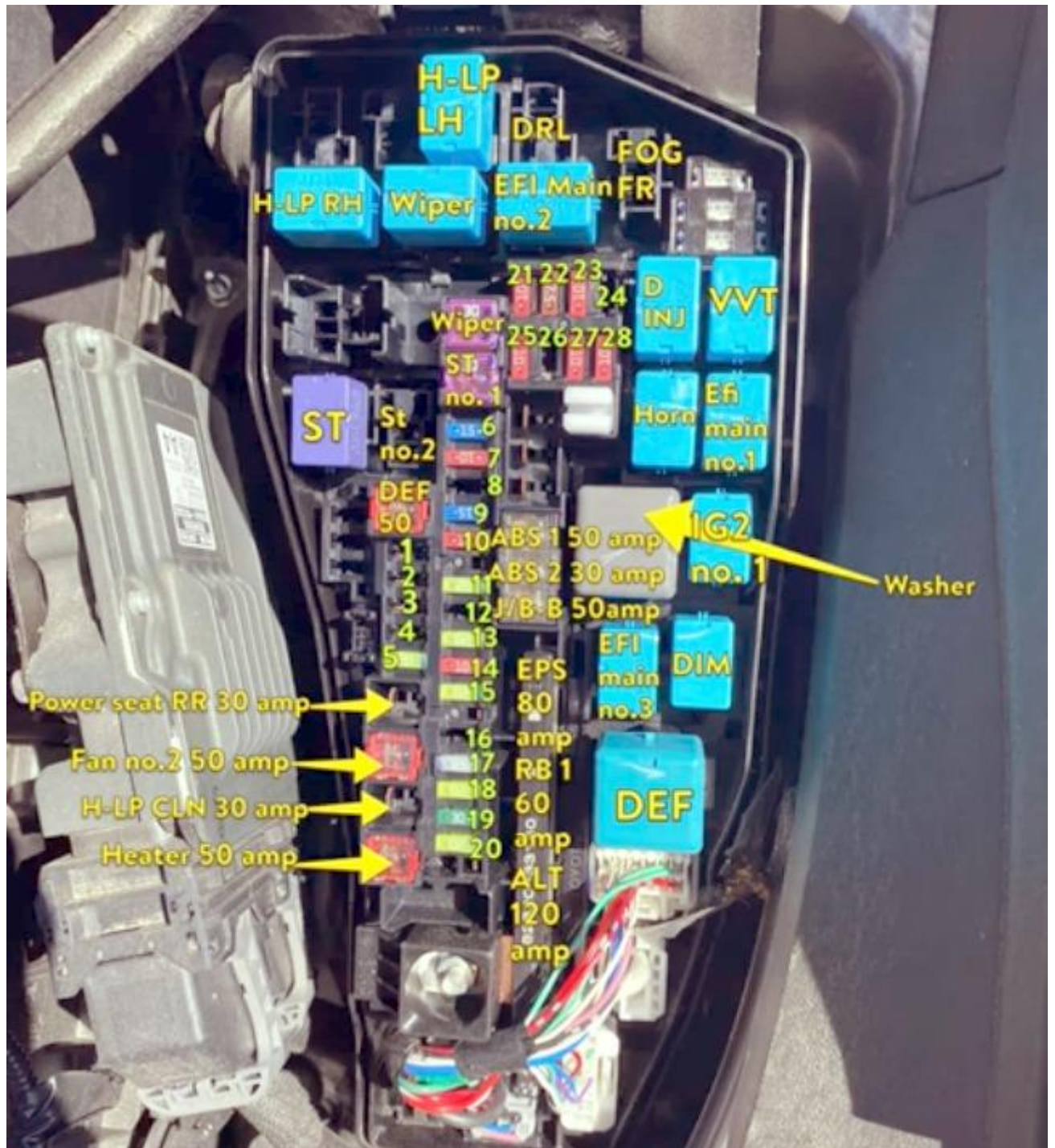


Photo for example



Designation

7,5A EFI NO.2	Cooling Fan
7,5A P/OUTLET NO.2	Power Outlet
10A A/C COMP	Automatic Air Conditioning
10A DRL	Headlight
10A ECU-IG2 NO.1	Cruise Control (2GR FKS)
	Cruise Control (A25A FKS)
	Electronically Controlled Transmission and A/T Indicator (2GR FKS)
	Electronically Controlled Transmission and A/T Indicator (A25A FKS)
	Engine Control (2GR FKS)
	Engine Control (A25A FKS)
10A ECU-IG2 NO.2	Immobiliser System (w/ Smart Key System)
	Smart Key System
	Starting (w/ Smart Key System)
	Steering Lock (w/ Smart Key System)
	Wireless Door Lock Control (w/ Smart Key System)
10A EFI NO.1	Cruise Control (2GR FKS)
	Cruise Control (A25A FKS)
	Electronically Controlled Transmission and A/T Indicator (2GR FKS)
	Electronically Controlled Transmission and A/T Indicator (A25A FKS)
	Engine Control (2GR FKS)
	Engine Control (A25A FKS)
10A EFI2 NO.2	Cooling Fan

	Cruise Control (A25A FKS)
	Electronically Controlled Transmission and A/T Indicator (A25A FKS)
	Engine Control (A25A FKS)
10A EFI-MAIN NO.4	Cruise Control (A25A FKS)
	Electronically Controlled Transmission and A/T Indicator (A25A FKS)
	Engine Control (A25A FKS)
10A ETCS	Cruise Control (2GR FKS)
	Electronically Controlled Transmission and A/T Indicator (2GR FKS)
	Engine Control (2GR FKS)
10A FUEL OPN	Fuel Lid Opener
10A HORN	Horn
	Immobiliser System (w/ Smart Key System)
	Smart Key System
	Starting (w/ Smart Key System)
	Steering Lock (w/ Smart Key System)
	Theft Deterrent
	Wireless Door Lock Control (w/ Smart Key System)
	Wireless Door Lock Control (w/o Smart Key System)
10A INJ	Cruise Control (2GR FKS)
	Cruise Control (A25A FKS)
	Electronically Controlled Transmission and A/T Indicator (2GR FKS)
	Electronically Controlled Transmission and A/T Indicator (A25A FKS)
	Engine Control (2GR FKS)

	Engine Control (A25A FKS)
	Ignition
10A MIR HTR	Mirror Heater
	Rear Window Defogger
15A H-LP LH	Automatic Light Control
	Headlight
	Immobiliser System (w/ Smart Key System)
	Light Auto Turn Off System
	Smart Key System
	Starting (w/ Smart Key System)
	Steering Lock (w/ Smart Key System)
	Wireless Door Lock Control (w/ Smart Key System)
15A H-LP RH	Automatic Light Control
	Headlight
	Light Auto Turn Off System
15A TV	Audio System (Built-in Type Amplifier)
	Audio System (Separate Type Amplifier)
	Back Guide Monitor System (Built-in Type Amplifier)
	Back Guide Monitor System (Separate Type Amplifier)
	Navigation System (Separate Type Amplifier)
	Rear View Monitor System (Built-in Type Amplifier)
	Rear View Monitor System (Separate Type Amplifier)
20A A/F HTR	Cruise Control (2GR FKS)

	Electronically Controlled Transmission and A/T Indicator (2GR FKS)
	Engine Control (2GR FKS)
20A D INJ	Cruise Control (2GR FKS)
	Cruise Control (A25A FKS)
	Electronically Controlled Transmission and A/T Indicator (2GR FKS)
	Electronically Controlled Transmission and A/T Indicator (A25A FKS)
	Engine Control (2GR FKS)
	Engine Control (A25A FKS)
20A EFI-MAIN NO.1	Cooling Fan
	Cruise Control (2GR FKS)
	Cruise Control (A25A FKS)
	Electronically Controlled Transmission and A/T Indicator (2GR FKS)
	Electronically Controlled Transmission and A/T Indicator (A25A FKS)
	Engine Control (2GR FKS)
	Engine Control (A25A FKS)
20A EFI-MAIN NO.2	Cooling Fan
	Cruise Control (2GR FKS)
	Cruise Control (A25A FKS)
	Electronically Controlled Transmission and A/T Indicator (2GR FKS)
	Electronically Controlled Transmission and A/T Indicator (A25A FKS)
	Engine Control (2GR FKS)
	Engine Control (A25A FKS)
20A IG2-MAIN	Power Source

20A S/HTR MAIN	Seat Heater
20A VVT	Cruise Control (A25A FKS)
	Electronically Controlled Transmission and A/T Indicator (A25A FKS)
	Engine Control (A25A FKS)
25A D/C CUT	Power Source
25A S/HTR MAIN	Seat Heater
30A ABS NO.2	ABS
	Brake Assist
	EBD
	Electric Parking Brake
	Hill-Start Assist Control
	TRAC
	VSC
30A EFI-MAIN NO.3	Cruise Control (A25A FKS)
	Electronically Controlled Transmission and A/T Indicator (A25A FKS)
	Engine Control (A25A FKS)
30A ST NO.1	Immobiliser System (w/ Smart Key System)
	Smart Key System
	Starting (w/ Smart Key System)
	Starting (w/o Smart Key System)
	Steering Lock (w/ Smart Key System)
	Wireless Door Lock Control (w/ Smart Key System)
30A WIPER	Front Wiper and Washer

50A ABS NO.1	ABS
	Brake Assist
	EBD
	Electric Parking Brake
	Hill-Start Assist Control
	TRAC
	VSC
50A DEF	Mirror Heater
	Rear Window Defogger
50A FAN NO.2	Cooling Fan
50A HTR	Automatic Air Conditioning
	Manual Air Conditioning
50A J/B-B	Power Source
60A FAN NO.1	Cooling Fan
60A R/B NO.1	Power Source
80A EPS	ABS
	Brake Assist
	EBD
	Electric Parking Brake
	EPS
	Hill-Start Assist Control
	TRAC
	VSC

120A ALT	Automatic Light Control
	Charging
	Illumination
	Immobiliser System (w/ Smart Key System)
	Light Auto Turn Off System
	Light Reminder
	Smart Key System
	Starting (w/ Smart Key System)
	Steering Lock (w/ Smart Key System)
	Taillight
	Wireless Charger System
	Wireless Door Lock Control (w/ Smart Key System)
	Wireless Door Lock Control (w/o Smart Key System)