

3. Power Supply Circuit

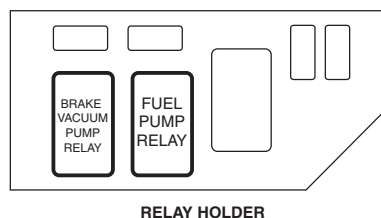
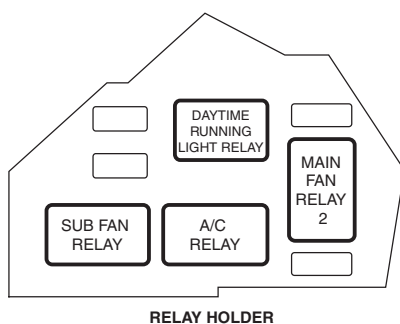
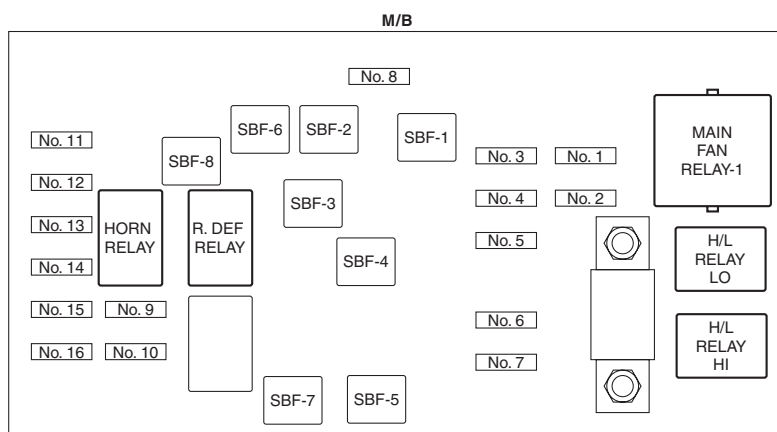
A: WIRING DIAGRAM

1. WITHOUT PUSH BUTTON START

- Engine room side

P-SUP-01

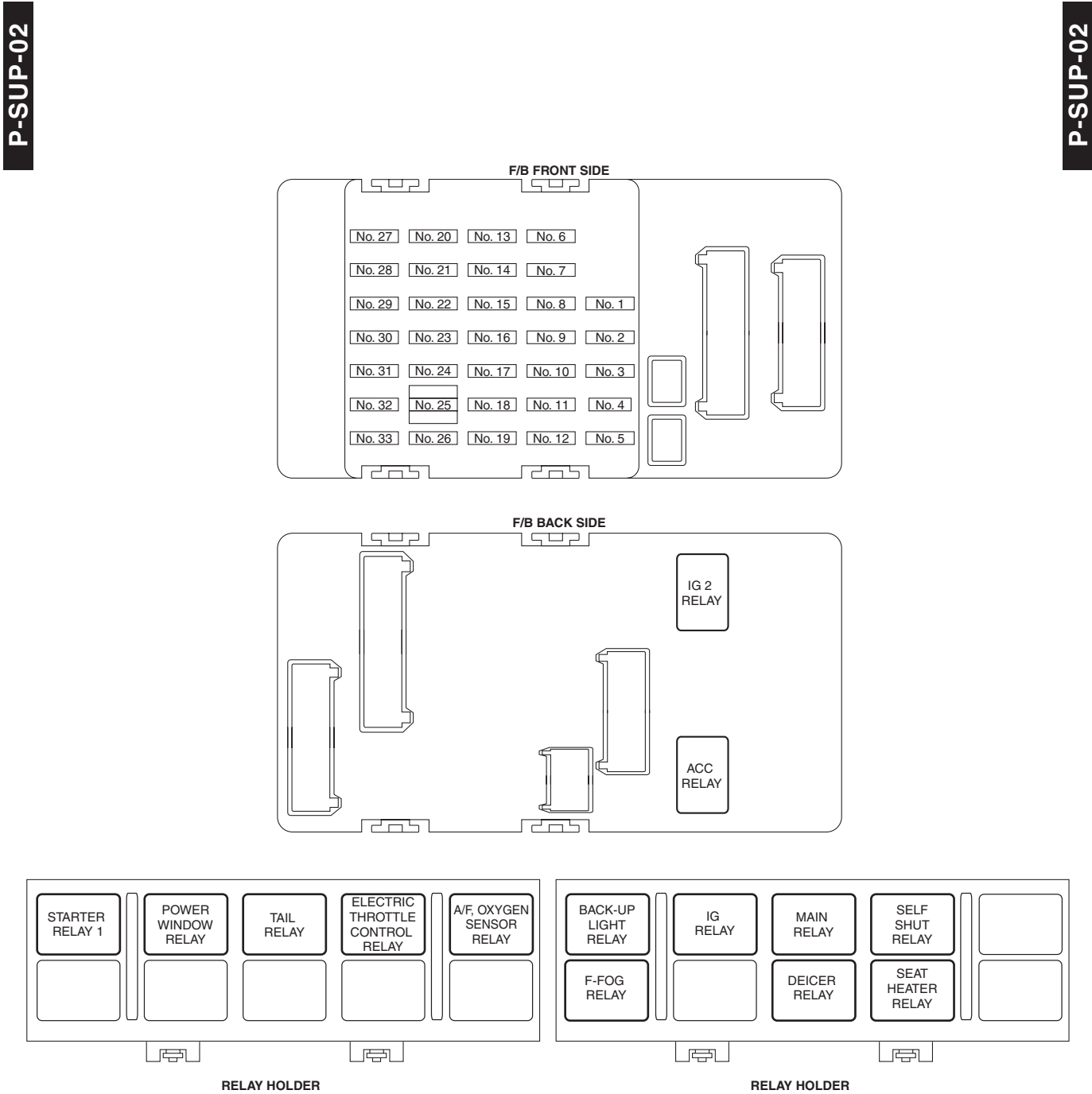
P-SUP-01



Power Supply Circuit

WIRING SYSTEM

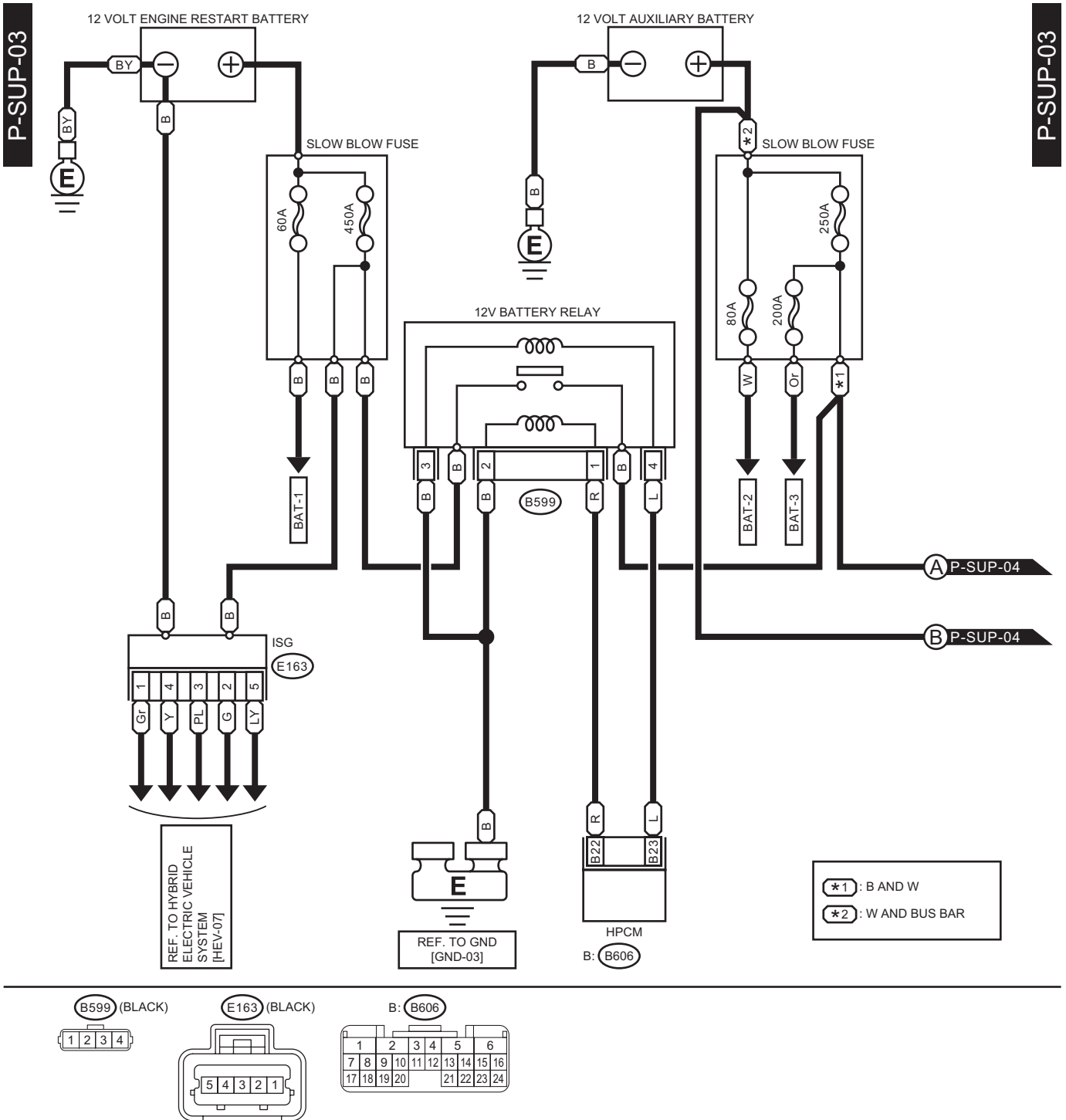
- Passenger room side



WI-41776

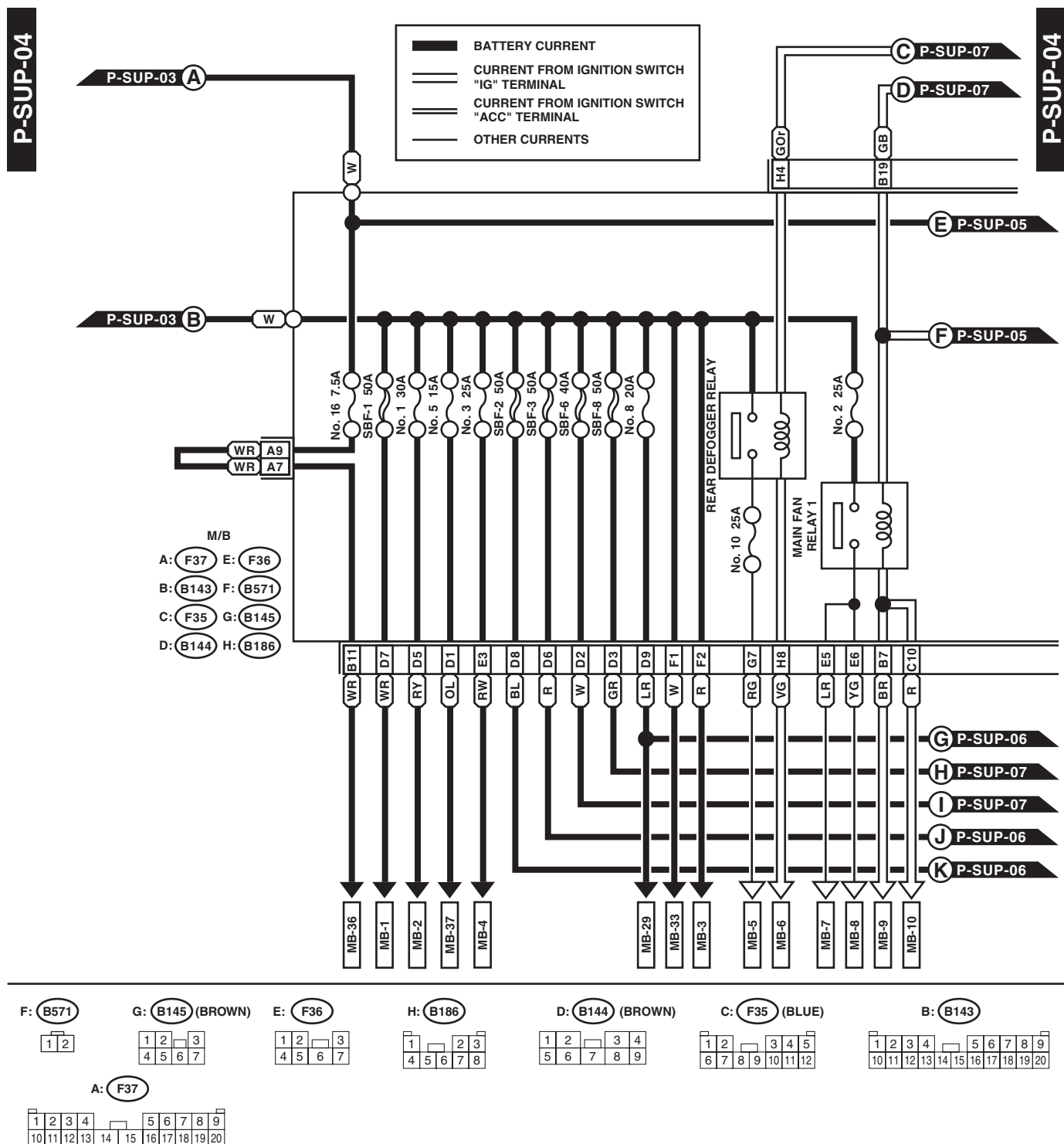
WIRING SYSTEM

WIRING SYSTEM



Power Supply Circuit

WIRING SYSTEM

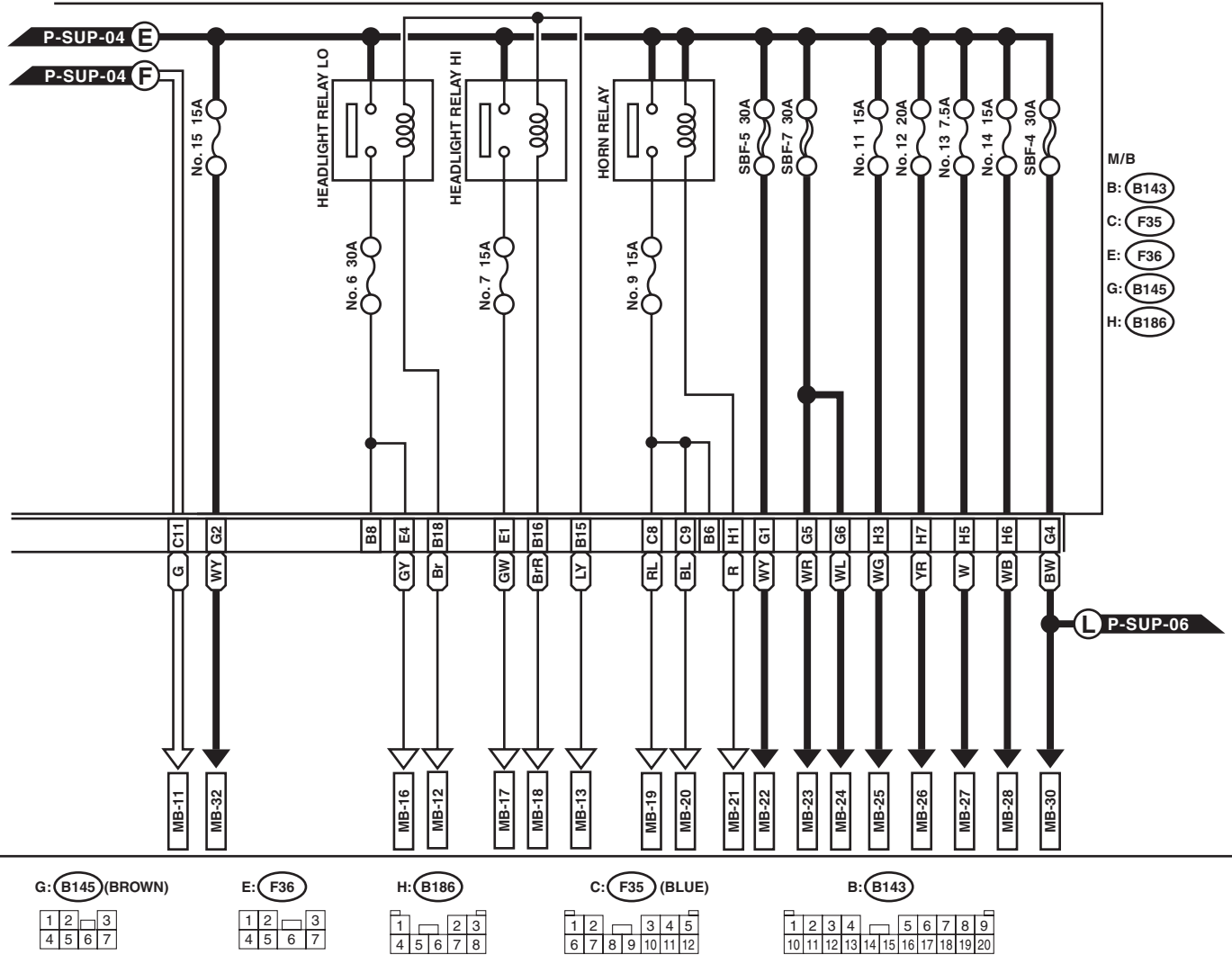


Power Supply Circuit

WIRING SYSTEM

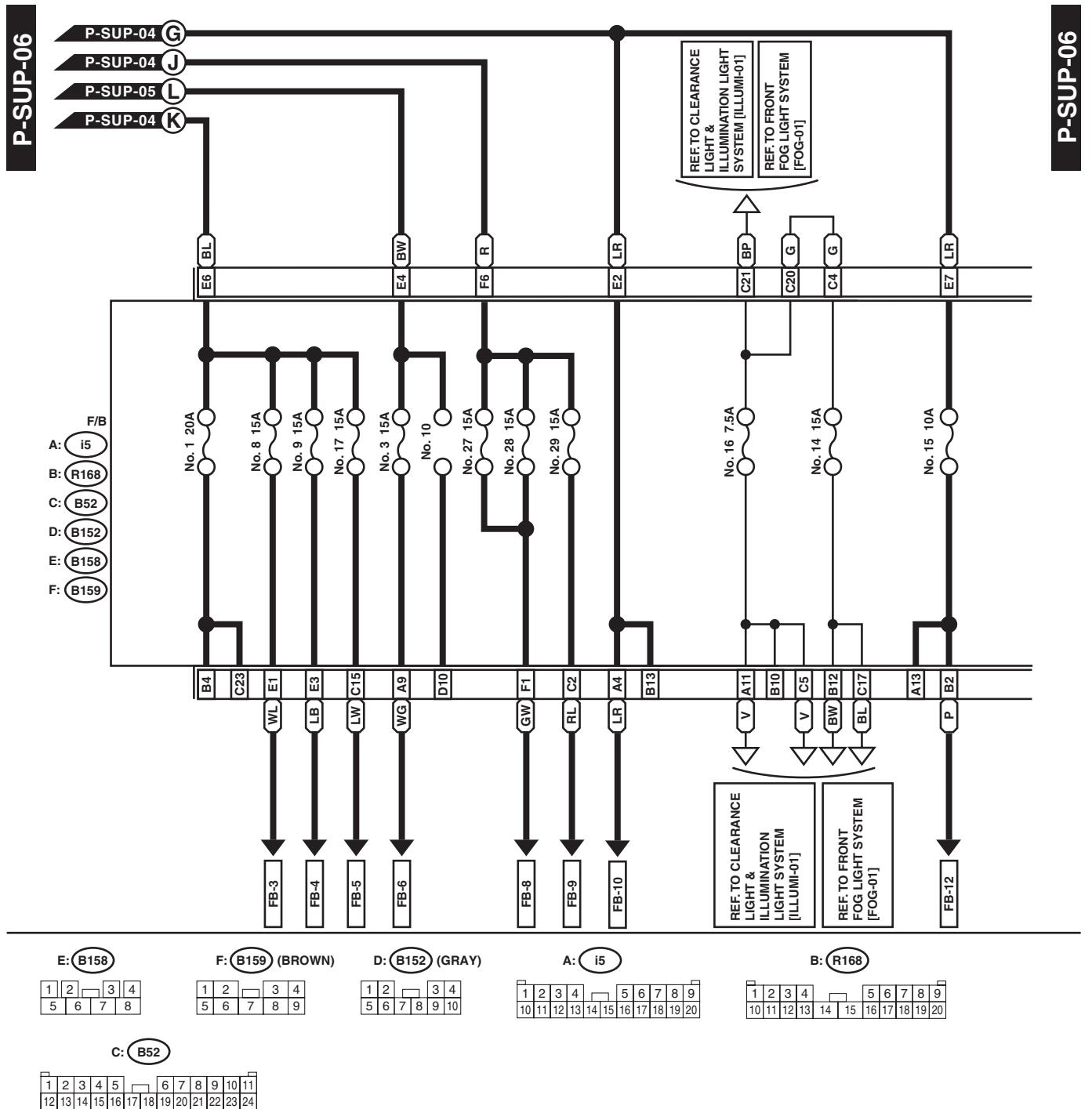
P-SUP-05

P-SUP-05



WI-48059

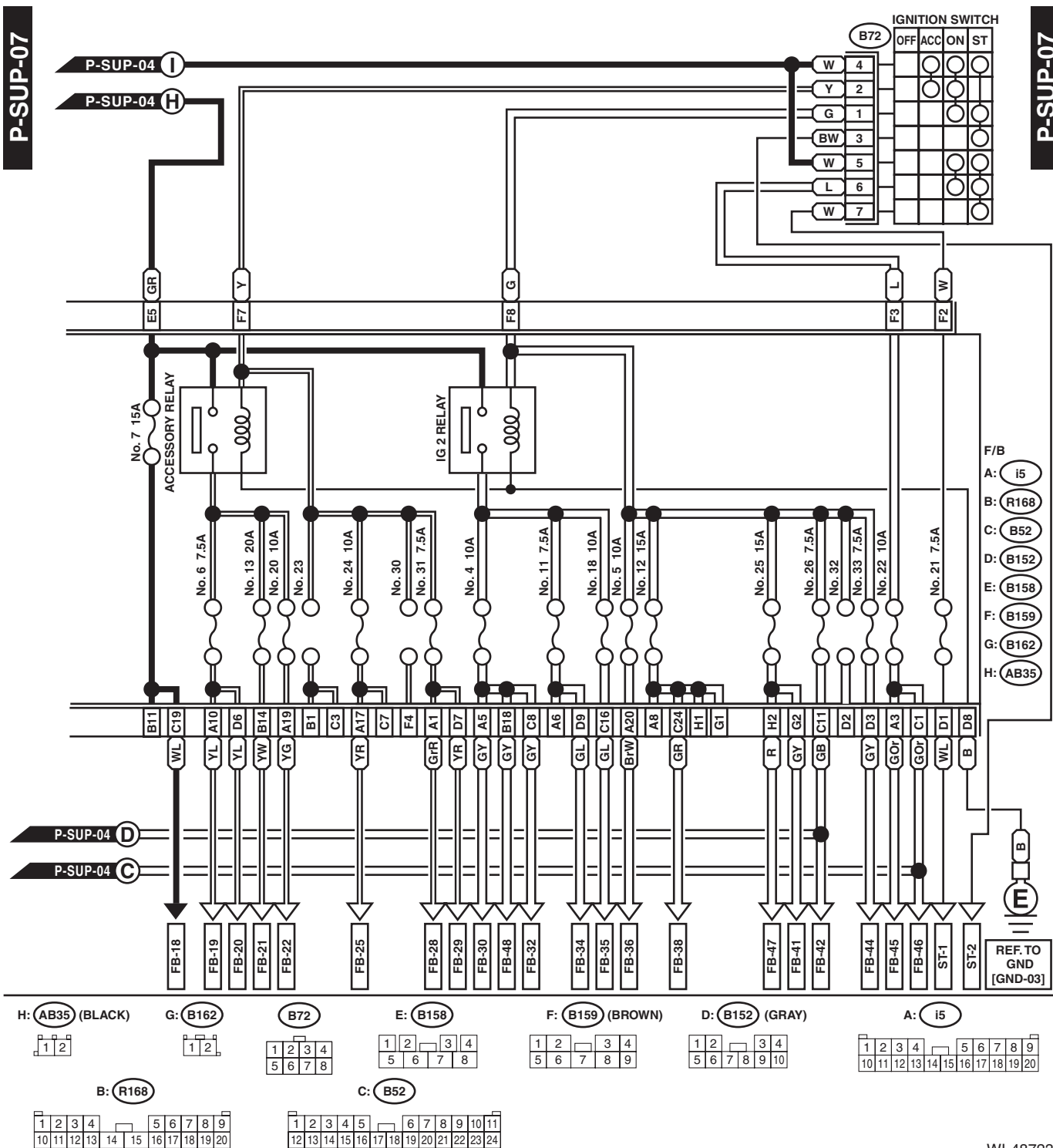
WIRING SYSTEM



WI-48060

Power Supply Circuit

WIRING SYSTEM



Power Supply Circuit

WIRING SYSTEM

No.	Load
MB-1	VDC CM
MB-2	VDC CM
MB-3	Wiper relay
	Brake vacuum pump relay
MB-4	Sub fan relay
MB-5	Mirror heater LH
	Mirror heater RH
	Rear defogger
MB-6	Body integrated unit
MB-7	Main fan relay 2
MB-8	Main fan motor
MB-9	ECM
MB-10	Main fan relay 2
MB-11	Main fan relay 2
MB-12	Body integrated unit
MB-13	Body integrated unit
MB-16	Front combination light LH
	Front combination light RH
MB-17	Daytime running light relay
MB-18	Body integrated unit
MB-19	Horn
MB-20	Horn
MB-21	Horn switch
	Body integrated unit
MB-22	A/F, oxygen sensor relay
MB-23	Main relay
	IG relay
MB-24	Electronic throttle control relay
MB-25	Fuel pump relay
MB-26	TCM
	Self shut relay
MB-27	ECM
	Data link connector
MB-28	Key warning switch
	Turn signal and hazard unit
	Body integrated unit
MB-29	Spot map light
	Room light
	Body integrated unit
	Immobilizer antenna
MB-30	Power window circuit breaker
MB-32	Tail relay
	Daytime running light relay
MB-33	DMCM relay
	High voltage battery cooling fan/drive motor inverter relay
	High voltage battery
	HPCM
	ISG
MB-36	HPCM

No.	Load
MB-37	Brake vacuum pump relay
ST-1	Starter relay 1
ST-2	Starter relay 1
	HPCM
FB-3	Stop light and brake switch
FB-4	Wiper deicer relay
FB-5	Seat heater relay
FB-6	Body integrated unit
FB-8	Blower motor relay
FB-9	Front fog light relay
FB-10	Audio
	MFD
	Navigation unit
FB-12	Keyless entry CM
	Luggage room light
FB-18	Combination meter
	Body integrated unit
	Impact sensor
	Air mix door actuator LH (with left/right independent air conditioner)
	Air mix door actuator RH (with left/right independent air conditioner)
	Mode door actuator
	Air mix door actuator (without left/right independent air conditioner)
	Security CM
	A/C control panel
	Active grille shutter
FB-19	Remote control mirror switch
FB-20	Seat heater relay
	Rear view mirror
FB-21	Rear accessory power supply socket
FB-22	Front accessory power supply socket
FB-25	AUX input terminal
	Audio
	Navigation unit
FB-28	A/C control panel
FB-29	Body integrated unit
FB-30	Pedestrian alert CM
FB-32	Impact sensor
	Data link connector
	Stop light and brake switch
	Wiper deicer relay
	Sunroof motor assembly
	Sunroof switch
FB-34	Sunroof switch (tilt)
	Turn signal and hazard unit
FB-35	Back-up light relay
	Auto headlight beam leveler CM

No.	Load
FB-36	Combination meter
	MFD
	HPCM
FB-38	HPCM
	DMCM
	High voltage battery
	Electric oil pump inverter
	ECM
	TCM
	Body integrated unit
	Fuel pump relay
FB-41	Airbag CM
FB-42	Power window relay
	Wiper relay
FB-44	VDC CM
	Steering angle sensor
	Power steering CM
FB-45	A/C control panel
FB-46	A/C relay
	Sub fan relay
	Pressure switch
	Blower motor relay
FB-47	Occupant detection control module
FB-48	TPMS & keyless entry CM
BAT-1	12V engine restart battery sensor
BAT-2	Power steering CM
BAT-3	DC/DC converter

Power Supply Circuit

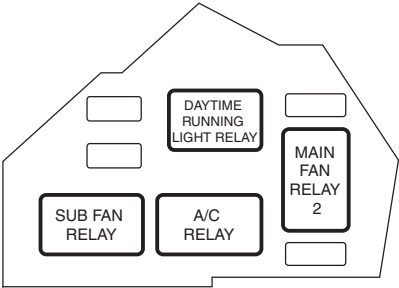
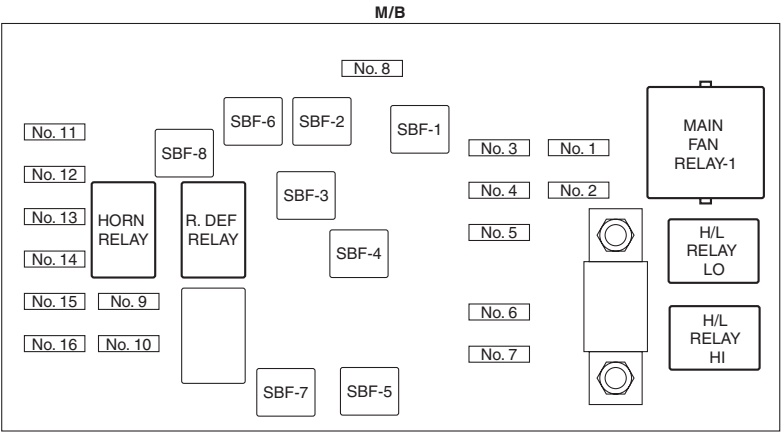
WIRING SYSTEM

2. WITH PUSH BUTTON START

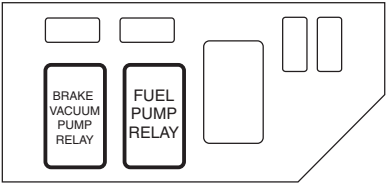
- Engine room side

P-SUP(P)-01

P-SUP(P)-01



RELAY HOLDER

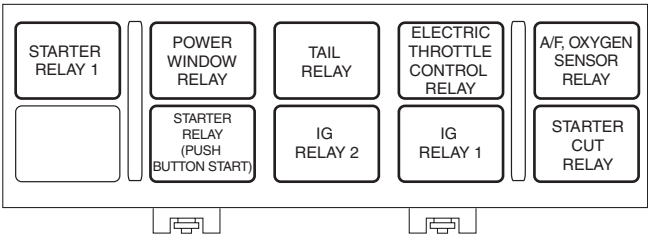
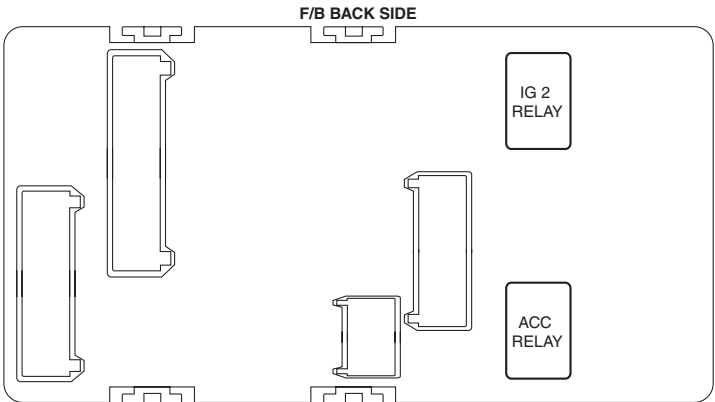
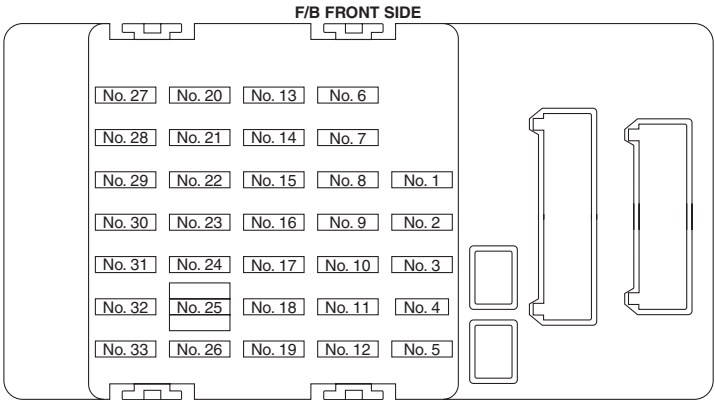


RELAY HOLDER

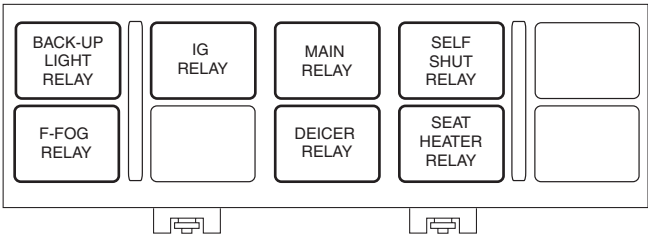
- Passenger room side

P-SUP(P)-02

P-SUP(P)-02



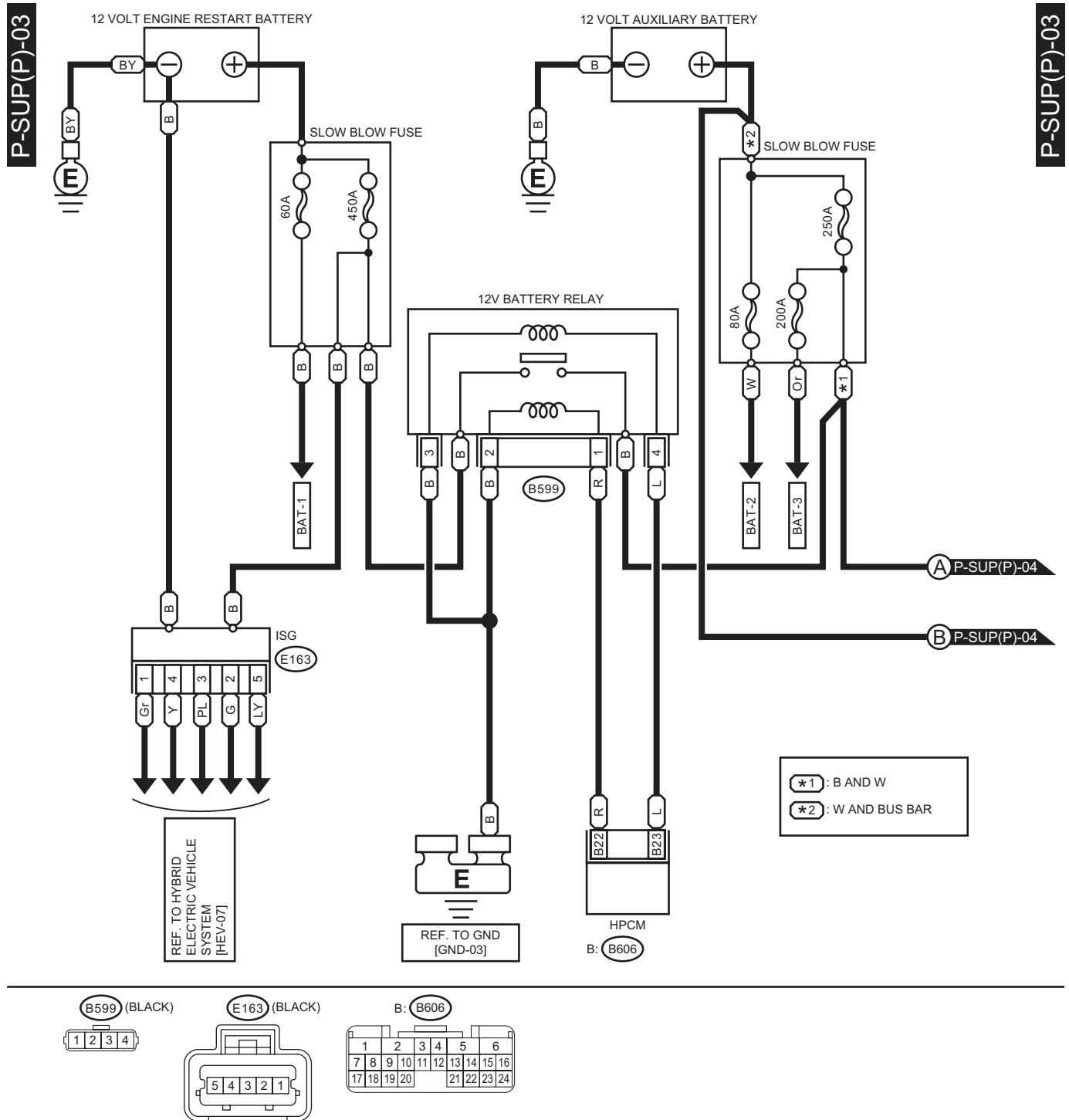
RELAY HOLDER



RELAY HOLDER

WI-41783

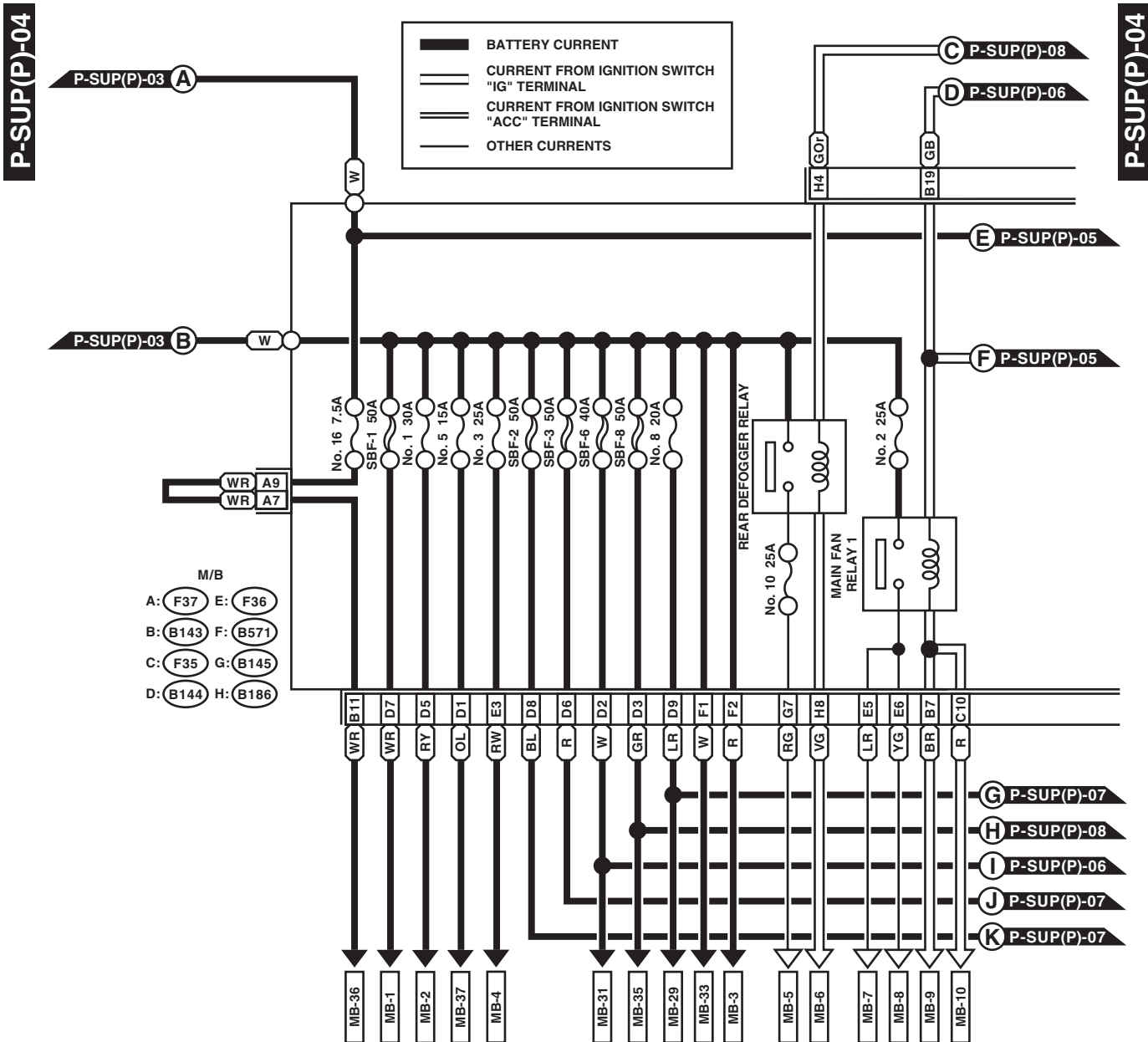
WIRING SYSTEM



WI-61949

Power Supply Circuit

WIRING SYSTEM



F: B571	G: B145 (BROWN)	E: F36	H: B186	D: B144 (BROWN)	C: F35 (BLUE)	B: B143
1 2	1 2 3 4 5 6 7	1 2 3 4 5 6 7	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8 9	1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
A: F37						
1 2 3 4 10 11 12 13 14 15 16 17 18 19 20						

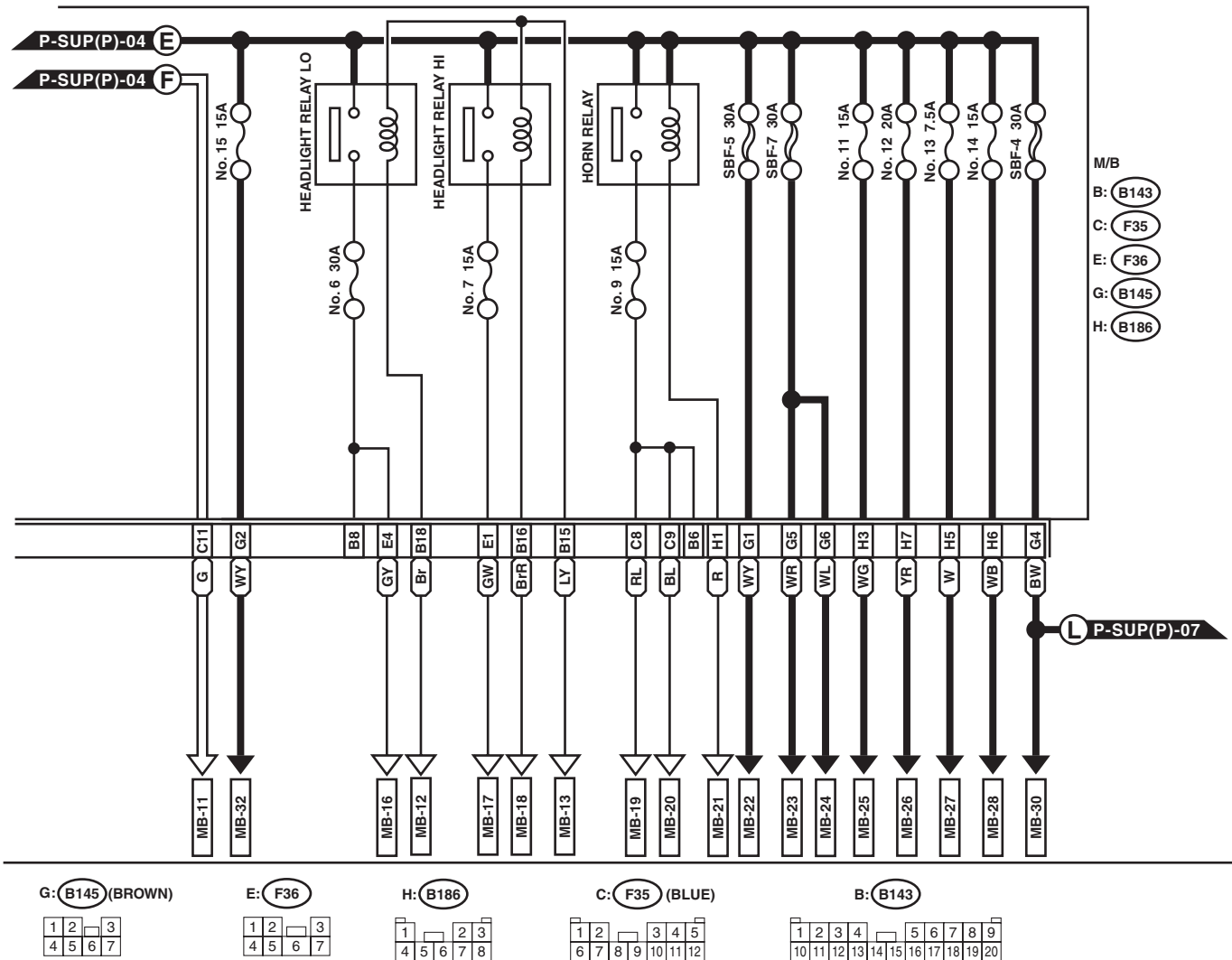
WI-41785

Power Supply Circuit

WIRING SYSTEM

P-SUP(P)-05

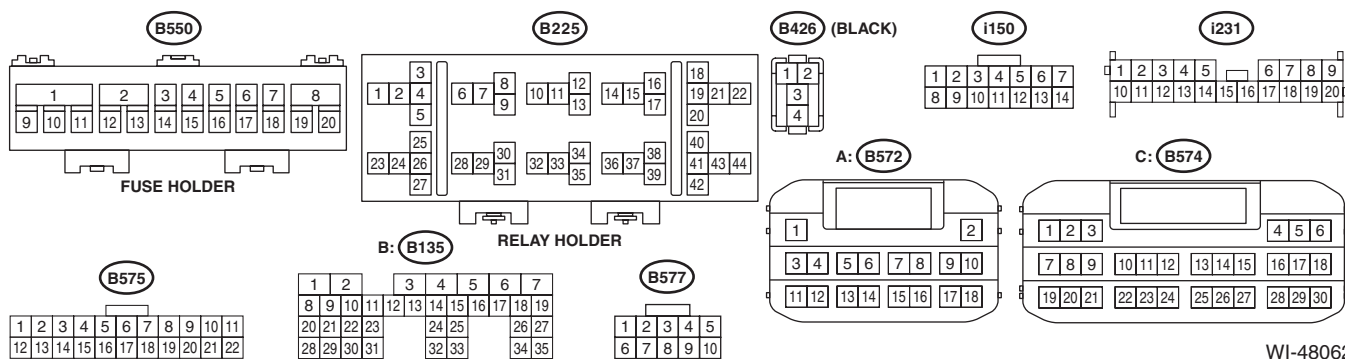
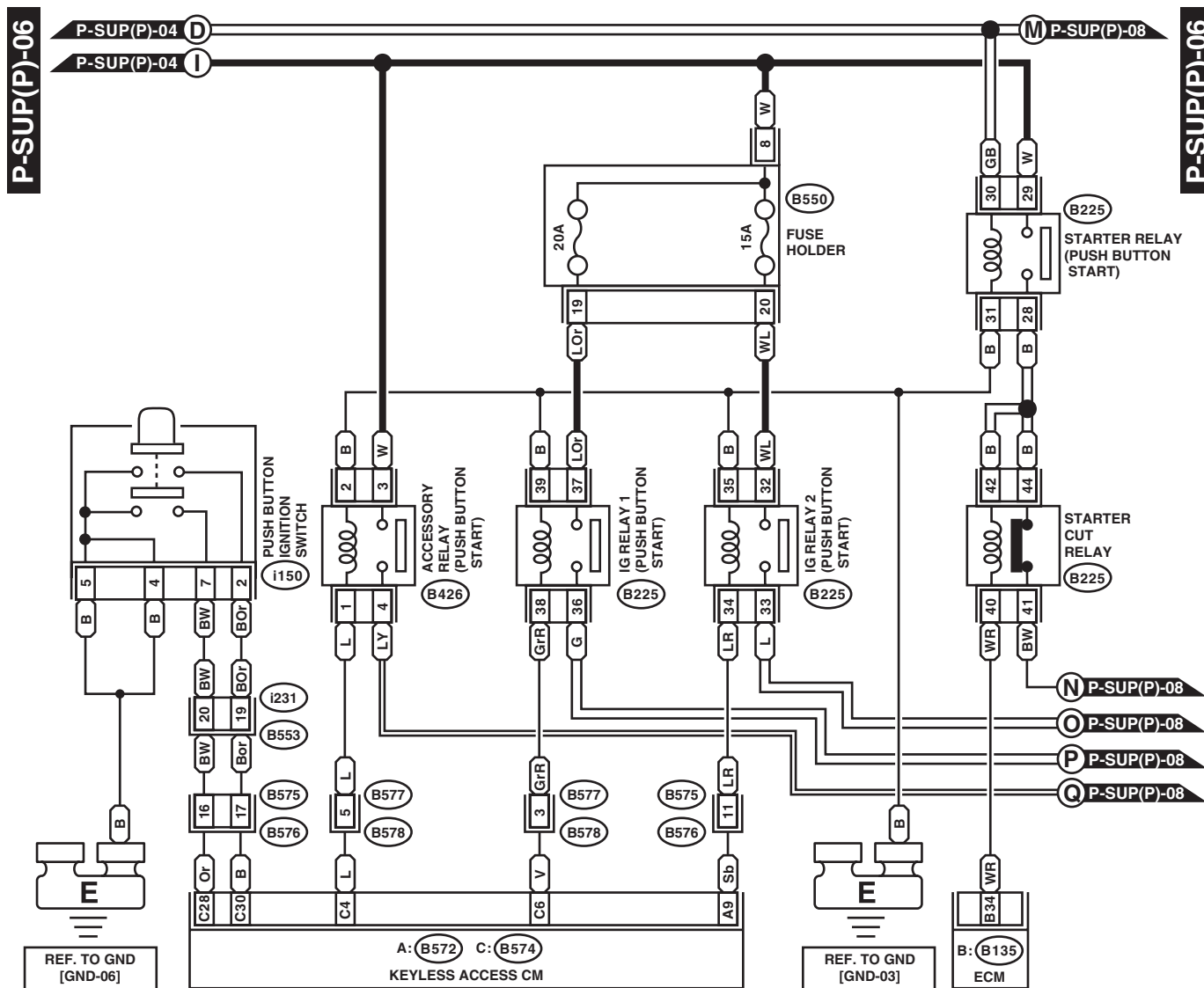
P-SUP(P)-05



WI-48061

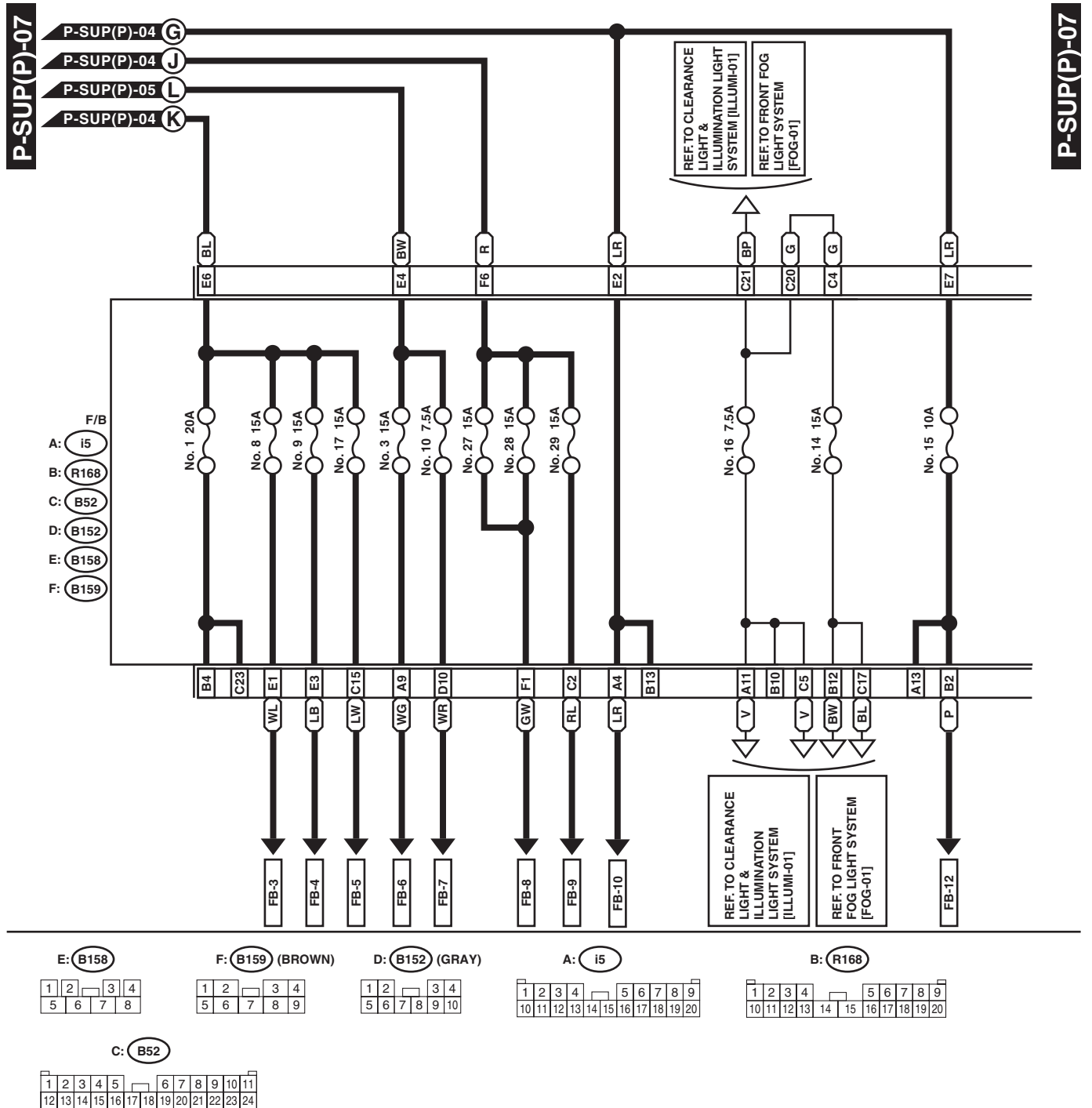
Power Supply Circuit

WIRING SYSTEM



WI-48062

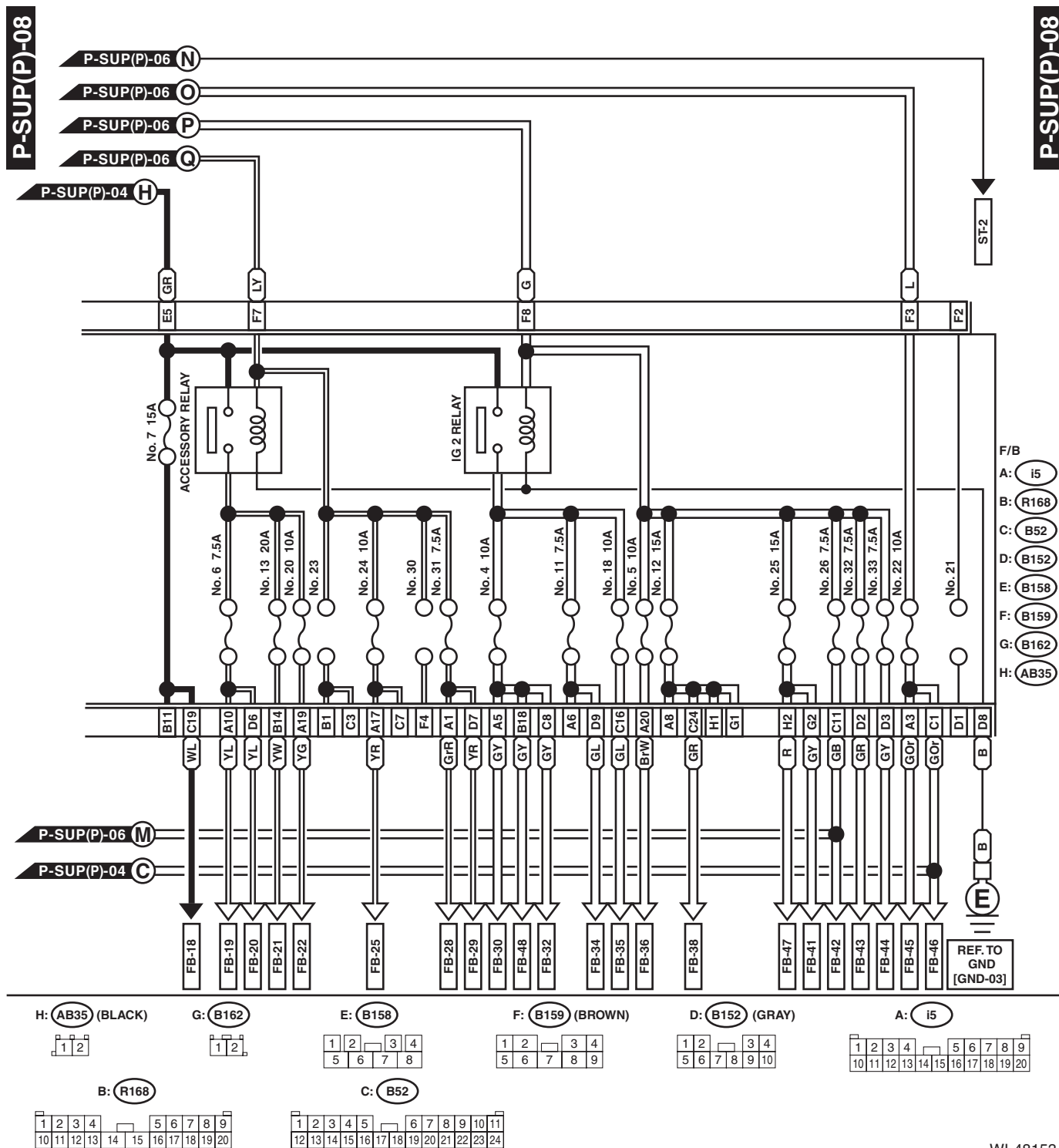
WIRING SYSTEM



WI-48063

Power Supply Circuit

WIRING SYSTEM



WI-48153

Power Supply Circuit

WIRING SYSTEM

No.	Load
MB-1	VDC CM
MB-2	VDC CM
MB-3	Wiper relay
	Brake vacuum pump relay
MB-4	Sub fan relay
MB-5	Mirror heater LH
	Mirror heater RH
	Rear defogger
MB-6	Body integrated unit
MB-7	Main fan relay 2
MB-8	Main fan motor
MB-9	ECM
MB-10	Main fan relay 2
MB-11	Main fan relay 2
MB-12	Body integrated unit
MB-13	Body integrated unit
MB-16	Front combination light LH
	Front combination light RH
MB-17	Daytime running light relay
MB-18	Body integrated unit
MB-19	Horn
MB-20	Horn
MB-21	Horn switch
	Body integrated unit
MB-22	A/F, oxygen sensor relay
MB-23	Main relay
	IG relay
MB-24	Electronic throttle control relay
MB-25	Fuel pump relay
MB-26	TCM
	Self shut relay
MB-27	ECM
	Data link connector
MB-28	Turn signal and hazard unit
	Body integrated unit
MB-29	Spot map light
	Room light
	Body integrated unit
	Immobilizer antenna
MB-30	Power window circuit breaker
MB-31	IG relay 1 (push button start)
	IG relay 2 (push button start)
	Accessory relay (push button start)
MB-32	Tail relay
	Daytime running light relay

No.	Load
MB-33	DMCM relay
	High voltage battery cooling fan / drive motor inverter relay
	High voltage battery
	HPCM
	ISG
MB-35	ID code box
	Keyless access CM
MB-36	HPCM
MB-37	Brake vacuum pump relay
ST-2	Starter relay 1
FB-3	Stop light and brake switch
FB-4	Wiper deicer relay
FB-5	Seat heater relay
FB-6	Body integrated unit
FB-7	Remote engine start CM
FB-8	Blower motor relay
FB-9	Front fog light relay
FB-10	Audio
	MFD
	Navigation unit
FB-12	Keyless entry CM
	Luggage room light
FB-18	Combination meter
	Body integrated unit
	Impact sensor
	Air mix door actuator LH (with left/right independent air conditioner)
	Air mix door actuator RH (with left/right independent air conditioner)
	Mode door actuator
	Air mix door actuator (without left/right independent air conditioner)
	Steering lock CM
	A/C control panel
	Active grille shutter
FB-19	Remote control mirror switch
FB-20	Seat heater relay
	Rear view mirror
FB-21	Rear accessory power supply socket
FB-22	Front accessory power supply socket
FB-25	AUX input terminal
	Audio
	Navigation unit
FB-28	A/C control panel
FB-29	Body integrated unit
FB-30	Pedestrian alert CM

No.	Load
FB-32	Remote engine start CM
	Impact sensor
	Data link connector
	Stop light and brake switch
	Wiper deicer relay
	Sunroof motor assembly
	Sunroof switch
	Sunroof switch (tilt)
FB-34	Turn signal and hazard unit
FB-35	Back-up light relay
	Auto headlight beam leveler CM
FB-36	Combination meter
	MFD
	HPCM
FB-38	HPCM
	DMCM
	High voltage battery
	Electric oil pump inverter
	Keyless access CM
	ECM
	TCM
	Body integrated unit
	Fuel pump relay
FB-41	Airbag CM
FB-42	Power window relay
	Wiper relay
FB-43	Steering lock CM
FB-44	VDC CM
	Steering angle sensor
	Power steering CM
FB-45	A/C control panel
FB-46	A/C relay
	Sub fan relay
	Pressure switch
	Blower motor relay
FB-47	Occupant detection control module
FB-48	TPMS CM
BAT-1	12V engine restart battery sensor
BAT-2	Power steering CM
BAT-3	DC/DC converter