Mazda Cosmo



Wiring Diagram



How to use this wiring diagram

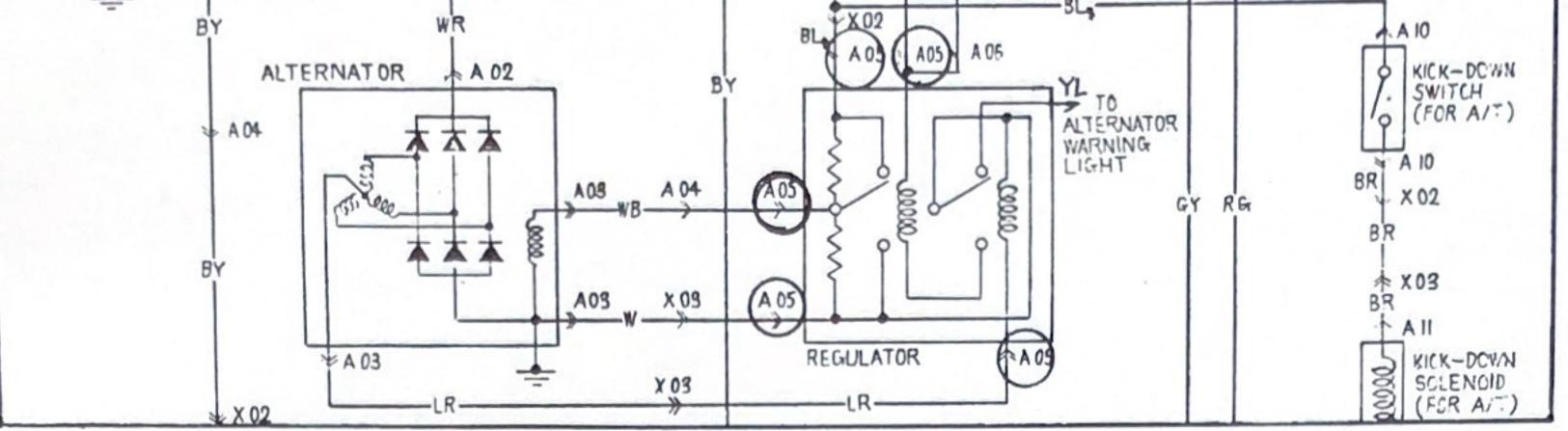
In this booklet, whole electrical systems are devided into sub systems, such as charging system, ignition system ----, and the wiring diagram of each system is shown in one page respectively for your easy reference.

When you have the trouble in the charging system for instance,

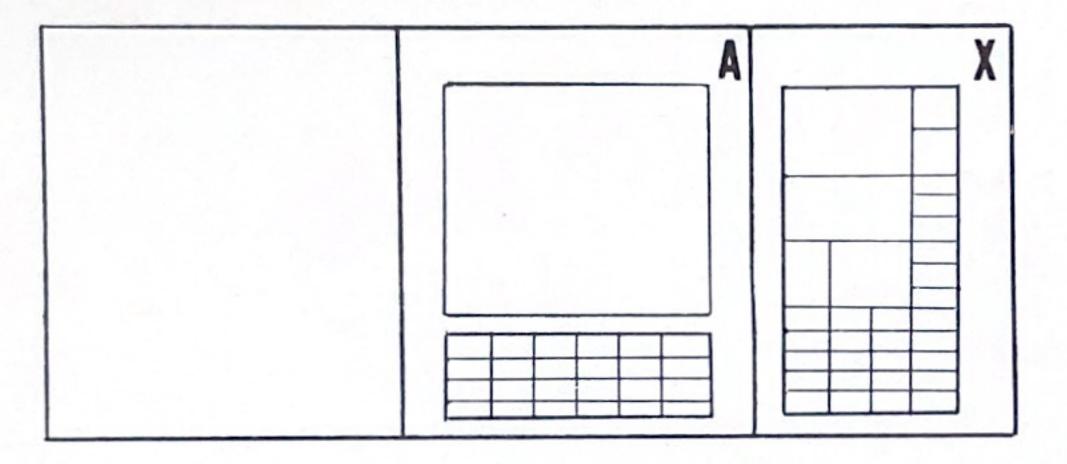
OPEN THE PAGE OF "CHARGING SYSTEM" AND THE LAST FOLDED PAGE "FOR COMMON CONNECTORS". 1

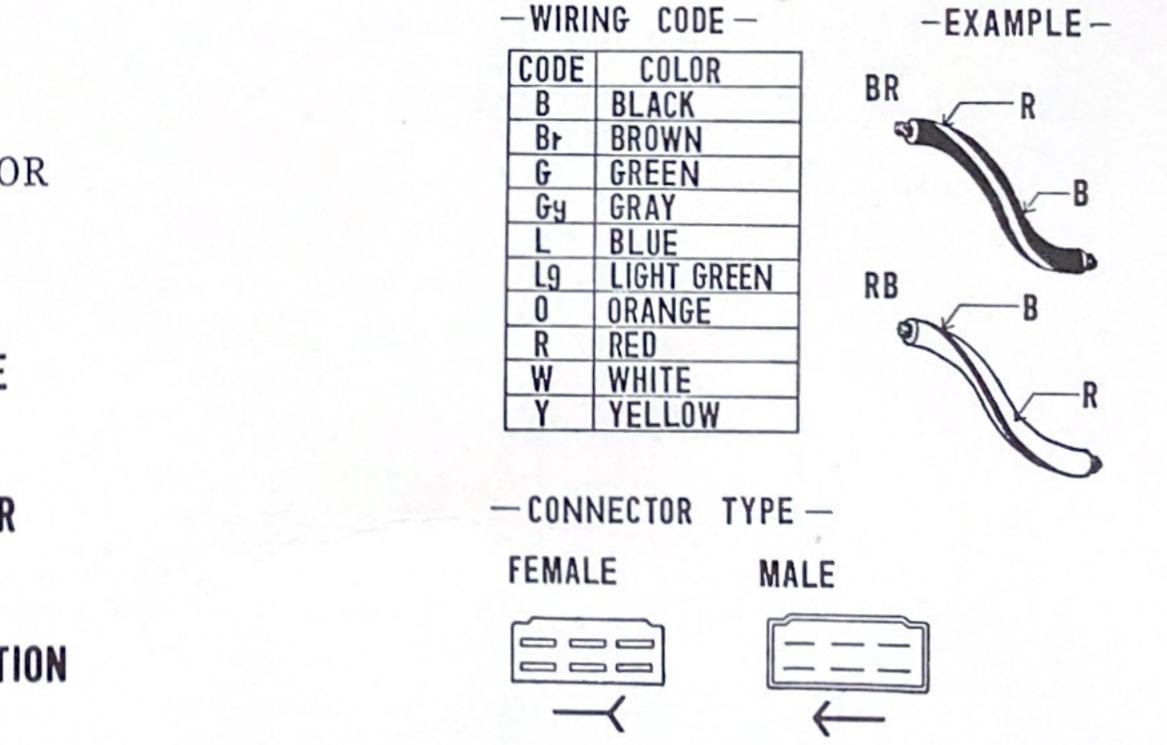
2 FIND OUT THE CONNECTORS WHICH YOU WANT TO CHECK ON THE DIAGRAM.

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and Provent	



3 THEN LOOK UP THE NUMBER IN THE CONNECTOR LIST. THE NUMBERS WHICH START WITH "X" ARE LISTED IN THE LAST PAGE. REST OF THEM ARE AT THE BOTTOM OF EACH PAGE "A" "B" "C" ----,



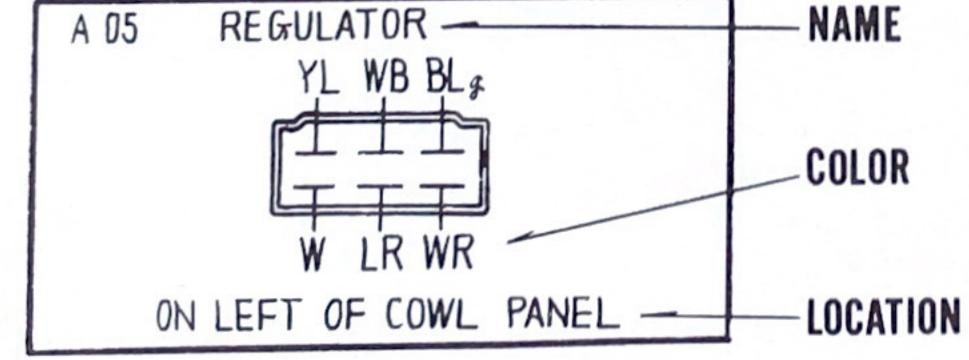


THE CONNECTOR LISTS SHOW 4

• SHAPE OF CONNECTOR

•LOCATION OF CONNECTOR

• COLORS OF WIRES



This booklet has two INDEXES, i.e.,

• INDEX OF COMPONENT PARTS IN ALPHABETICAL ORDER

• INDEX OF COMPONENT PARTS BY RESPECTIVE SUB-SYSTEMS

You can locate the component parts on the car by this index.

Symbol in the wiring diagram.

O O O O O		S	000		2002	-VVV-	-	T		D		P	0000
BATTERY	GROUND	FUSE FUSIBLE LINK	SWITCH	MOTOR	COIL	RESISTOR	VARIABLE RESISTOR		BULB	HORN	SPEAKER	PUMP	RELAY

INDEX

COMPONENT	PAGE	COMPONENT	PAGE	COMPONENT	PAGE
AIR VENT VALVE ALTERNATOR ALTERNATOR WARNING LIGHT ANTI-AFTERBURN VALVE AUTO CLOCK	••••• A •••• C •••• B	IDLE SWITCH IDLING AMPLIFIER STABILIZER IGNITION COIL IGNITION KEY REMINDER SWITCH IGNITION RELAY	G B H	VACUUM CONTROL VALVE (for CALI WATER TEMPERATURE GAUGE WATER TEMPERATURE GAUGE UNIT WATER TEMPERATURE SWITCH	C
BACK-UP LIGHT BACK-UP LIGHT SWITCH BATTERY BRAKE FAILURE SWITCH BRAKE FLUID LEVEL SENSOR BRAKE WARNING LIGHT BRAKE WARNING LIGHT CHECKER BUZZER	F A∼J C C C C	IGNITION SWITCH ILLUMINATION LIGHT ASH TRAY CIGAR LIGHTER HEATER METER RADIO STEREO INHIBITOR SWITCH (for A/T)	E E E E E E		

DATIERT	ANJ
BRAKE FAILURE SWITCH	С
BRAKE FLUID LEVEL SENSOR	С
BRAKE WARNING LIGHT	С
BRAKE WARNING LIGHT CHECKER	С
BUZZER	н

CARBURETOR HEATER B CENTRAL CONTROL UNIT

F
F
D
В
В
н
В
E
F
A,E,F,
Е
D
D
F
F C
С
c c

KICK DOWN SOLENOID (for A/T) B KICK DOWN SWITCH (for A/T) B KICK DOWN RELAY (for A/T) B

LICENSE	LIGHT			 F
LUGGAGE	COMPARTMENT	LIGHT		 Н
LUGGAGE	COMPARTMENT	LIGHT	SWITCH	 H

MAGNET CLUTCH	G
MAIN FUSE	Α.
MARKER LIGHT	F
MILEAGE SENSOR (for A/T)	в

NO.1	CHOKE SWITCH	(for CALIFORNIA)	В
NO.2	CHOKE SWITCH		В
NO.1	RELIEF VALVE	SOLENOID	В
NO.2	RELIEF VALVE	SOLENOID	В
NO.1	VACUUM SWITC	н	В
NO.2	VACUUM SWITCH	нн	В

SUB SYSTEM PAGE A ---- CHARGING SYSTEM • STARTING SYSTEM

B --- • EMISSION CONTROL SYSTEM • IGNITION SYSTEM

DIODE

	DOOR SWITCH	Н
	HEATED WINDOW SWITCH	G
	STARTER MOTOR	Α
	DISTRIBUTOR	В
	DISTRIBUTOR RELAY	В
	DOOR MIRROR	
	DOOR MIRROR CONTROL	I
		n
	EGR RELAY (for A/T)	
	EGR VALVE (for A/T)	
	EGR WARNING LIGHT (for A/T)	В
	EMISSION CONTROL UNIT	В
	EXTERNAL RESISTOR	В
	FUEL GAUGE	
	FUEL GAUGE TANK UNIT	
	FUEL PUMP	В
	FUSE HOLDER	
	HEATER, STEREO, RADIO	
	SCREEN WIPER	D
	POWER WINDOW	J
	GLOVE BOX LIGHT	Н
	HEADLIGHT	
	HEATED WINDOW	
1	HEATED WINDOW RELAY	G
	HEATED WINDOW SWITCH	G
	HEATER BLOWER MOTOR	G
	HEATER BLOWER MOTOR SWITCH	G
	HEATER BLOWER MOTOR RESISTOR	G
	HEAT HAZARD SENSOR	В
	HEAT INDICATOR LIGHT	В
	HIGH BEAM INDICATOR LIGHT	Н
	HORN	F
	HORN SWITCH	F

OTI LEVEL SENSOR		C
OIL LEVEL SENSOR		C
OIL LEVEL WARNING	LIGHT	С
OVER DRIVE SWITCH	(for CALIFORNIA M/T) .	В

PANEL LIGHT RESISTOR A,E, PARKING BRAKE SWITCH C POWER VALVE SOLENOID B POWER WINDOW J POWER WINDOW SWITCH J

RADIO G REGULATOR A RETARD RELAY (for CALIFORNIA) B RICHER SOLENOID (for M/T) B ROOM LIGHT H

SCREEN WASHER MOTOR D SCREEN WIPER MOTOR D SEAT BELT WARNING LIGHT H SEAT BELT SWITCH H SELECT INDICATOR LIGHT A SHORT RELAY B SIDE MARKER LIGHT F SPEAKER G STARTER MOTOR A

• FUEL PUMP • KICK DOWN SYSTEM

C ---- METER SYSTEM • WARNING LIGHT SYSTEM

D ---- SCREEN WIPER & WASHER SYSTEM

---- HEADLIGHT SYSTEM

---- TURN SUGNAL, HAZARD & STOP LIGHT SYSTEM • HORN • MARKER LIGHT

---- HEATER SYSTEM • AIR CONDITIONER SYSTEM • RADIO STEREO

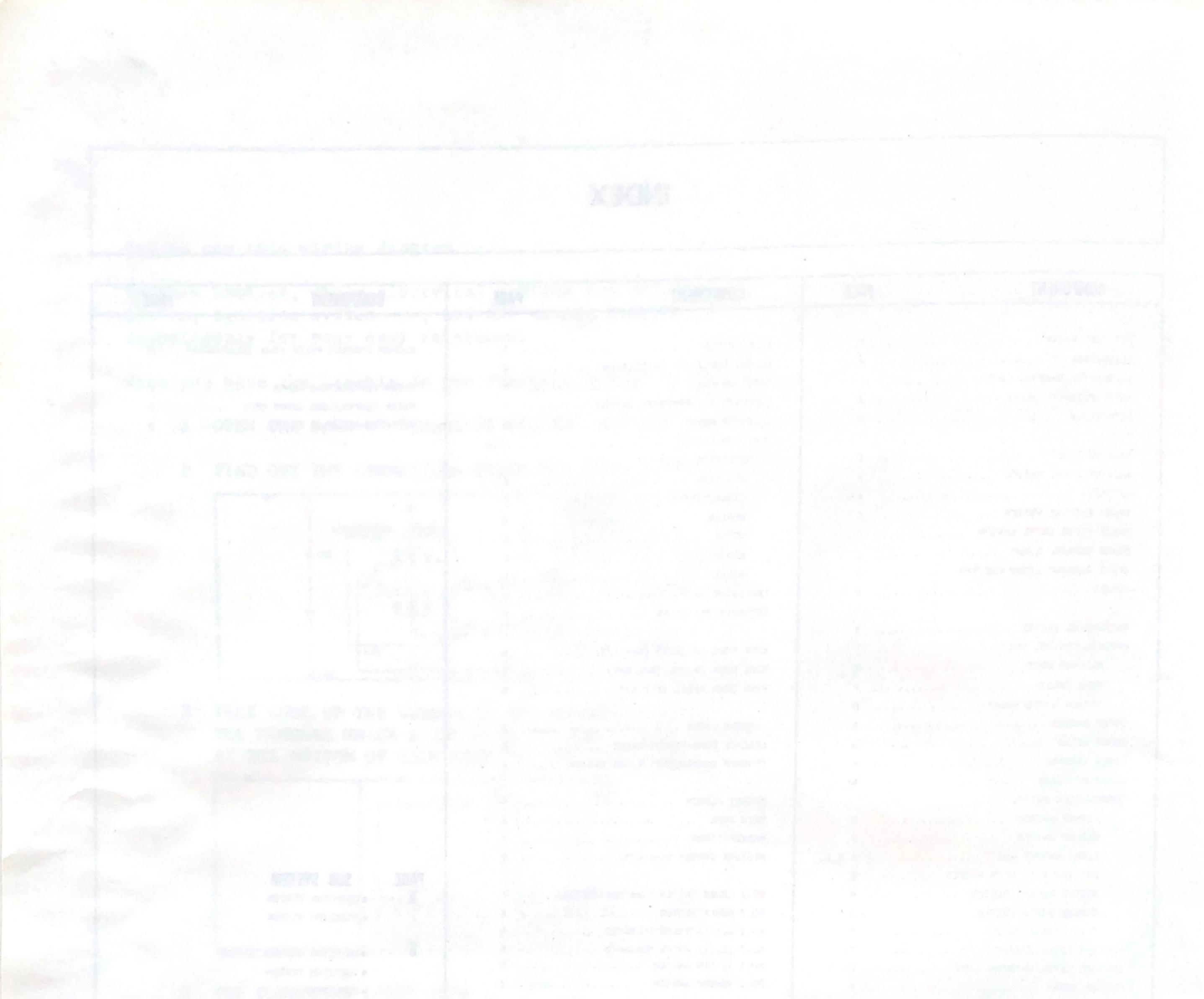
---- SEAT BELT WARNING SYSTEM • COURTESY LIGHT LUGGAGE COMPARTMENT LIGHT • GLOVE BOX LIGHT • CIGAR LIGHTER • AUTO CLOCK

---- REMOTE CONTROL DOOR MIRROR

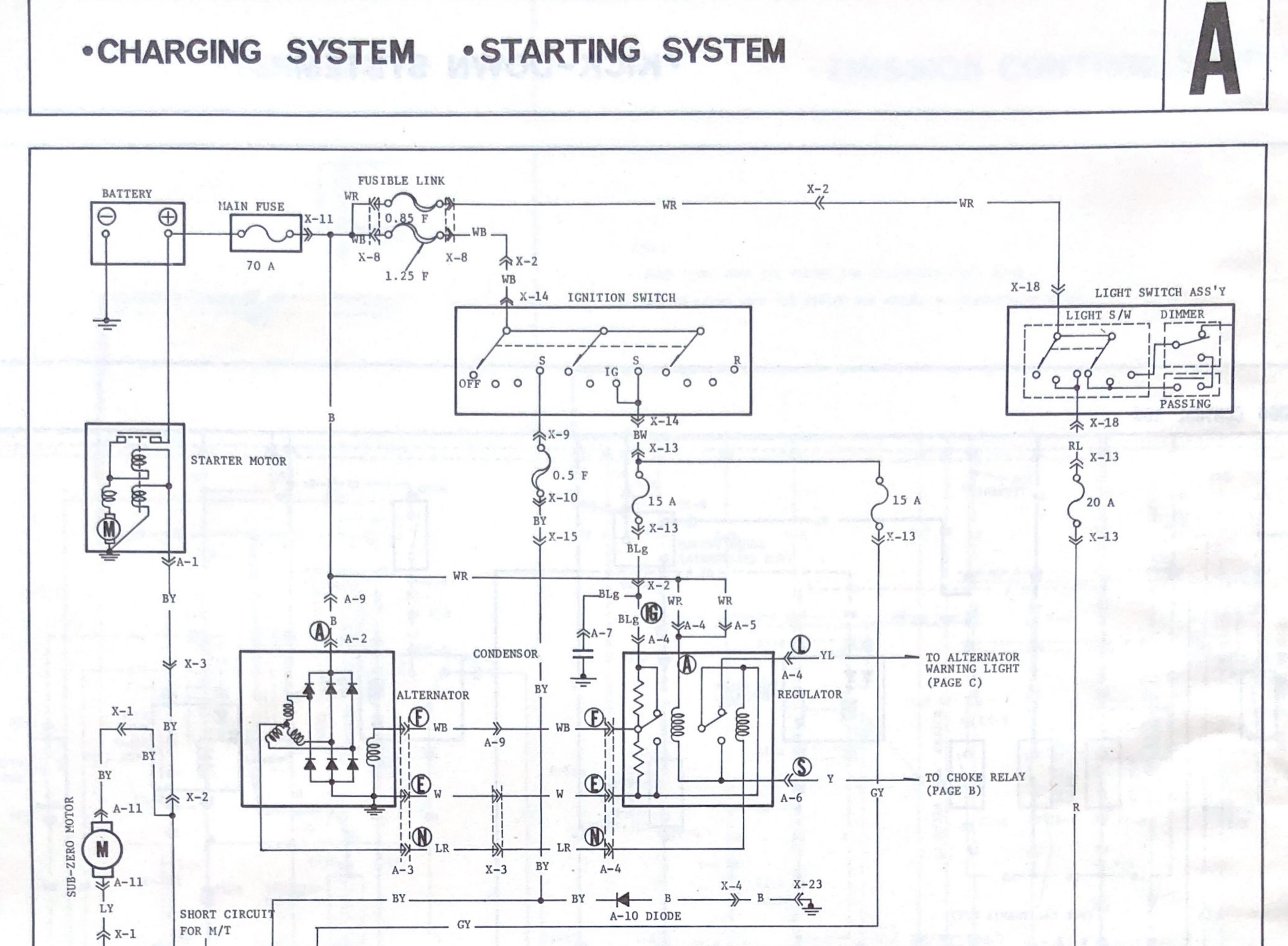
STEREO	G
STOP LIGHT CHECKER	F
STOP LIGHT SWITCH	F
STOP & TAIL LIGHT	F
SUB-ZERO MOTOR	A
SUB-ZERO SENSOR	A
TACHOMETER	C
THERMISTOR	G
THERMO CONTROL RESISTOR	G
THROTTLE OPENER SOLENOID	В
TIMER	Н
TURN SIGNAL LIGHT	F
TURN SIGNAL INDICATOR LIGHT	F

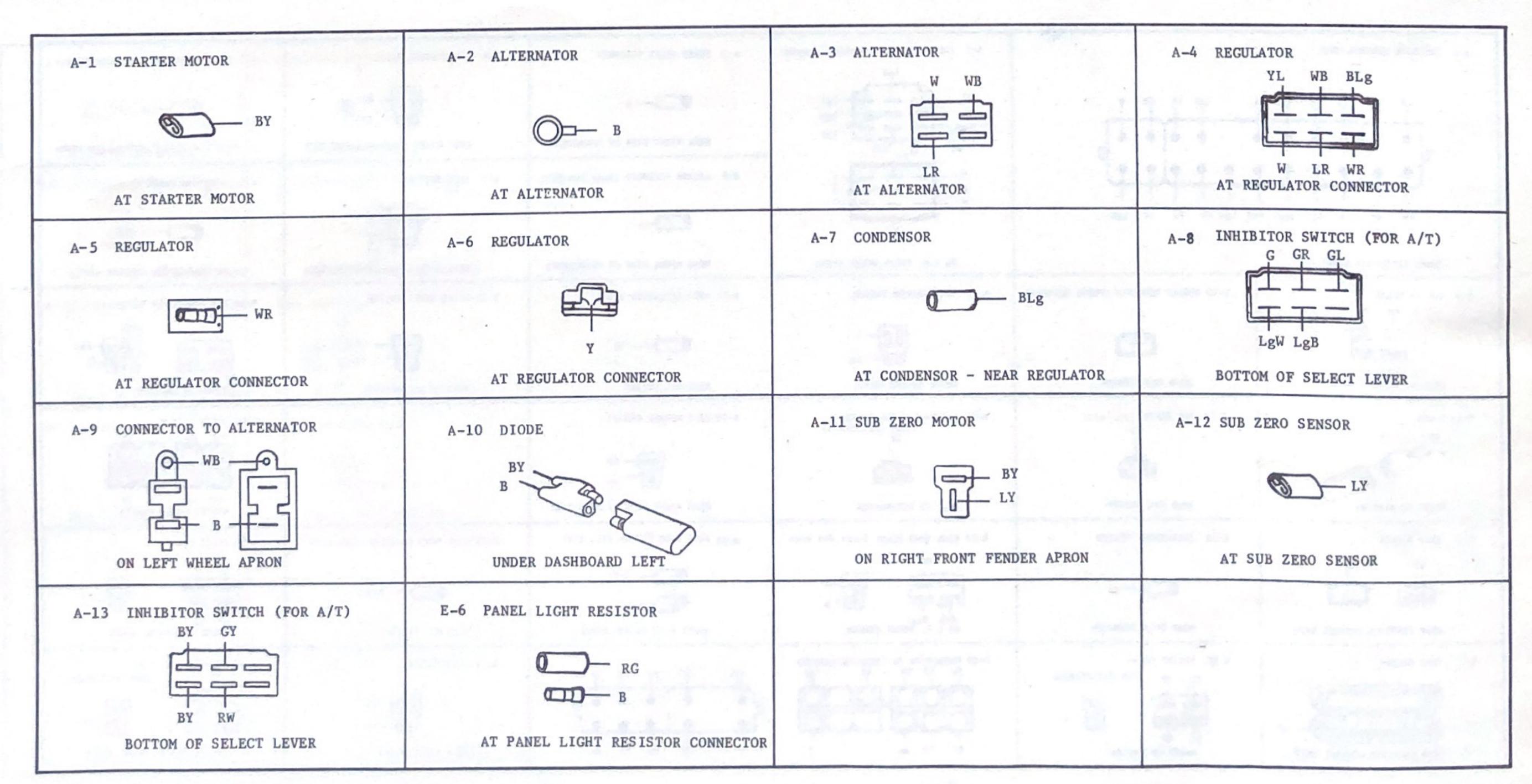
---- POWER WINDOW

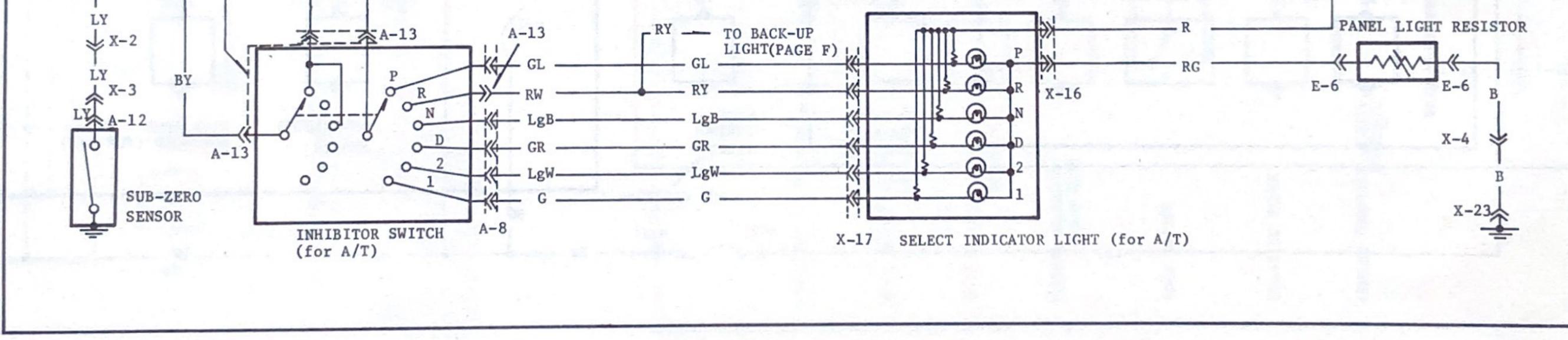
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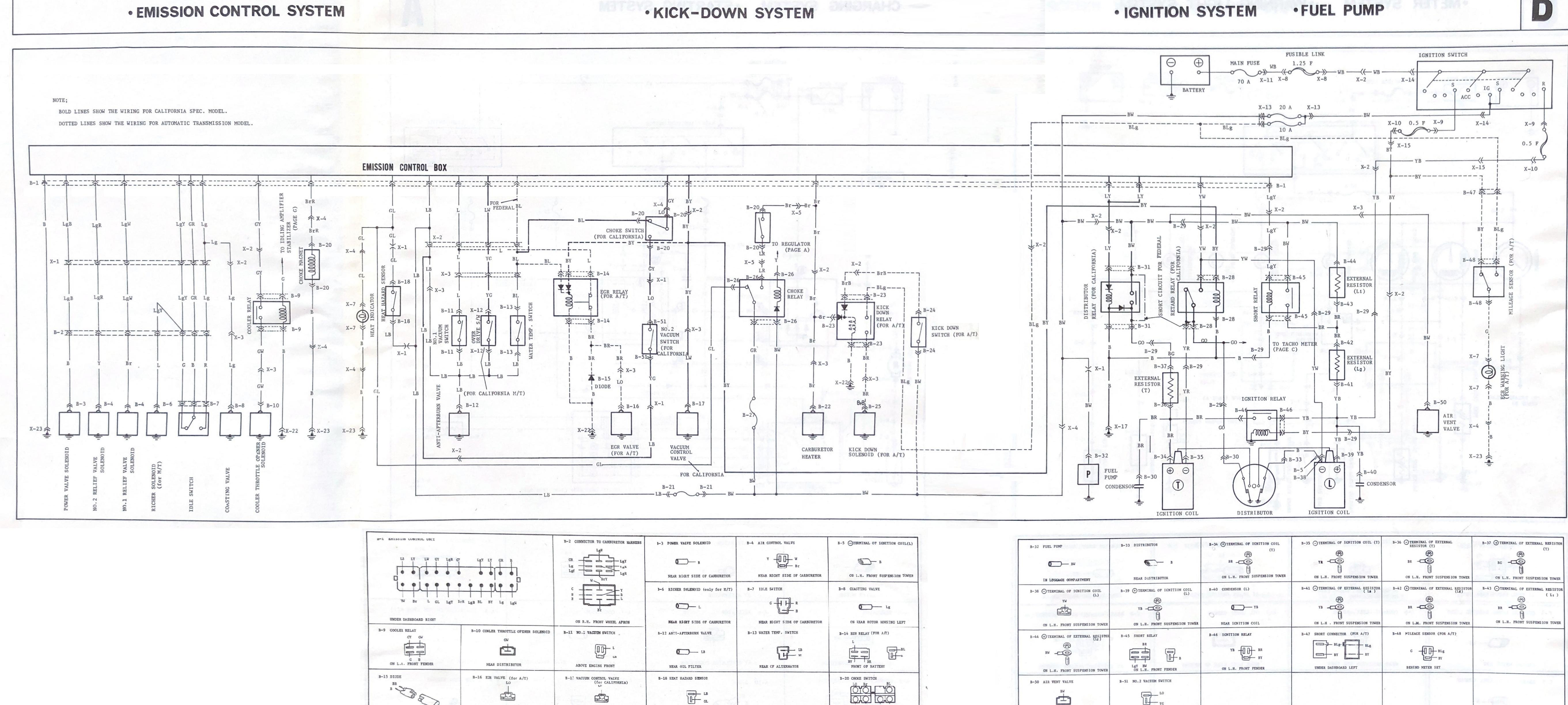


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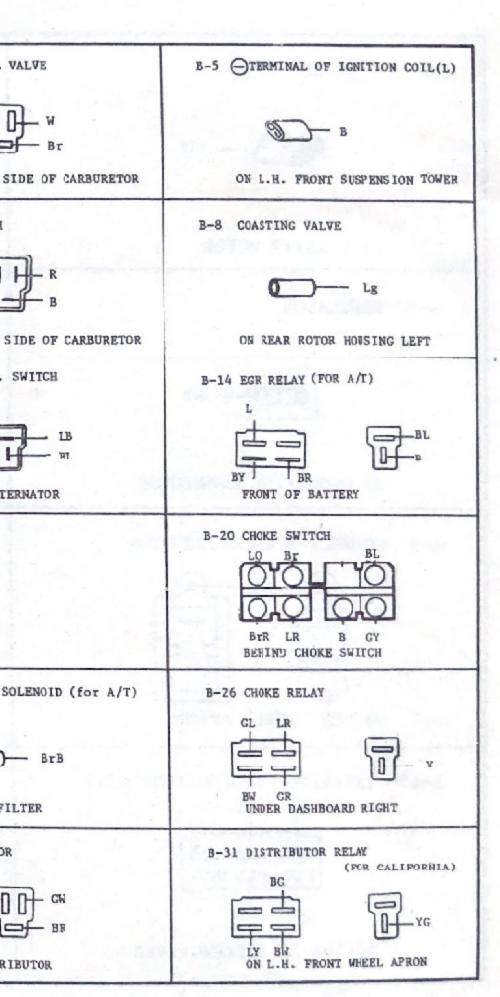


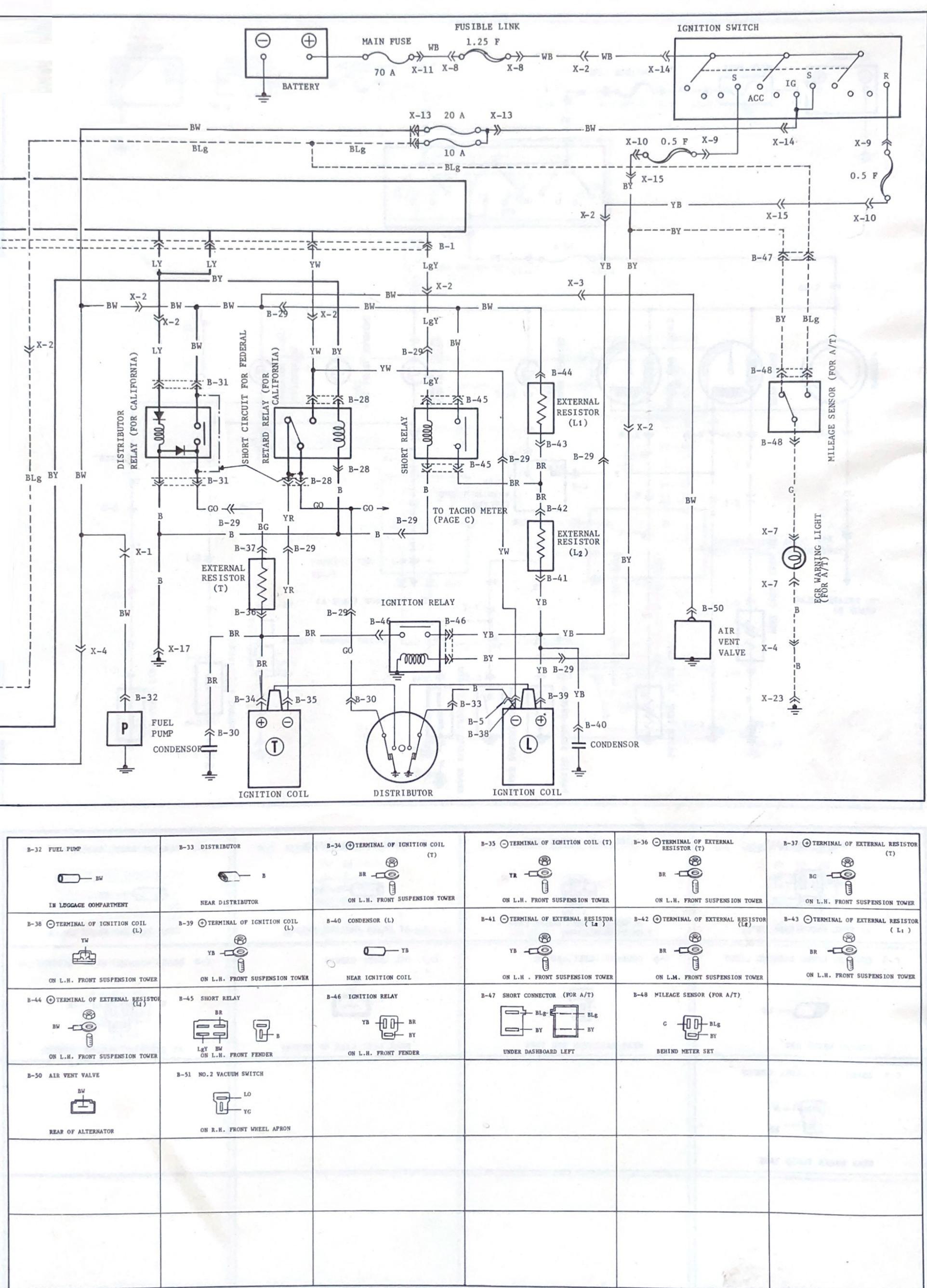




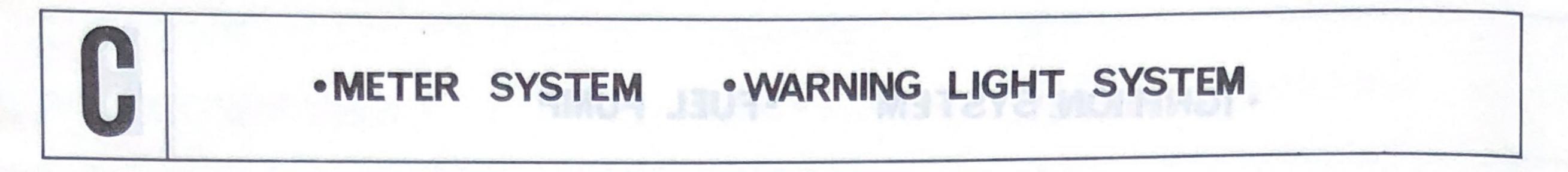
B-1 EMISSION CONTROL UNIT	cés i s	B-2 CONNECTOR TO CARBURETOR HARNESS	B-3 POWER VALVE SOLENOID	B-4 AIR CONTROL V
	LgY LY GR B	CR Lgy Lgy W BrY	B NEAR RIGET SIDE OF CARBURETOR	Y O
		G F B B	3-6 RICHER SOLENOID (only for M/T)	B-7 IDLE SWITCH
W Br L GL LgY BrR	LgB BL BY Lg LgW	Br	0 <u> </u>	c t
UNDER DASHBOARD RICHT		ON R.H. FRONT WHEEL APRON	NEAR RIGHT SIDE OF CARBURETOR	NEAR BIGHT S
B-9 COOLEE RELAY GY GW	B-10 COOLER THROTTLE OPENER SOLENDID GW	B-11 NO.1 VACUUM SWITCH	B-12 ANTI-AFTERBURN VALVE	B-13 WATER TEMP. S
			() — 13	5
ON L.t. FRONT FENDER	NEAR DISTRIBUTOR	ABOVE ENGINE FRONT	NEAR OIL FILTER	REAR CF ALTE
B-15 DIODE BR	B-16 EGR VALVE (for A/T) LO	B-17 VACUUM CONTEOL VALVE (for CALIFORNIA)	B-18 HEAT HAZARD SENSOR	al bra
" To a set				
FRONT OF BATTERY	NEAR OIL FILTER	REAR OF ALTERNATOR	MEAR RIGHT SIDE OF FUEL TANK	
B-21 FUSE HOLDER	E-22 CARBURETOR HEATER	B-23 KICK DOWN RELAY (only for A/T)	B-24 KICK DOWN SWITCH (for A/T)	B-25 KICK DOWN SO
			D BrB	(-)-
			B BW	COLME 4-
NEAR EMISSION CONTROL UNIT	EEAR OF ALTERNATOR	BrE BLg ON L.H. FRONT FENDER	ABOVE ACCELERATOR PETAL	NEAR DIL FI
B-27 FUSE HOLDER	B-28 RETARD RELAY	B-29 CONNECTOR TO IGNITION HARNESS BW YE YW CO Lgy	rsk co am ar bh	B-30 DISTRIBUTOR
				∝ -[]
BW GR NEAR EMISSION CONTROL UNIT	BY GO TRONT OF BATTERY		B GW BG YR BY	NEAR DISTRI

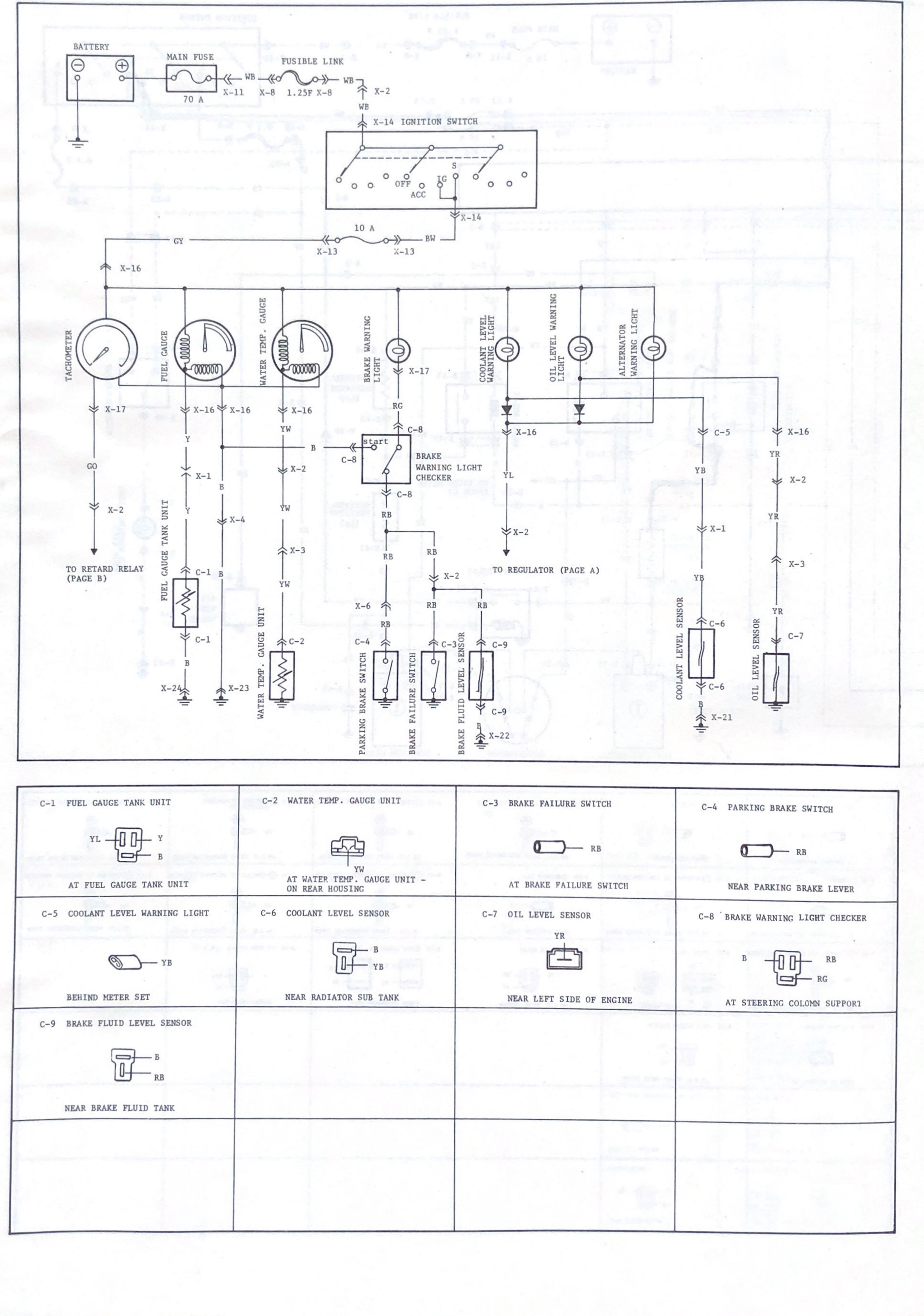
•FUEL PUMP IGNITION SYSTEM

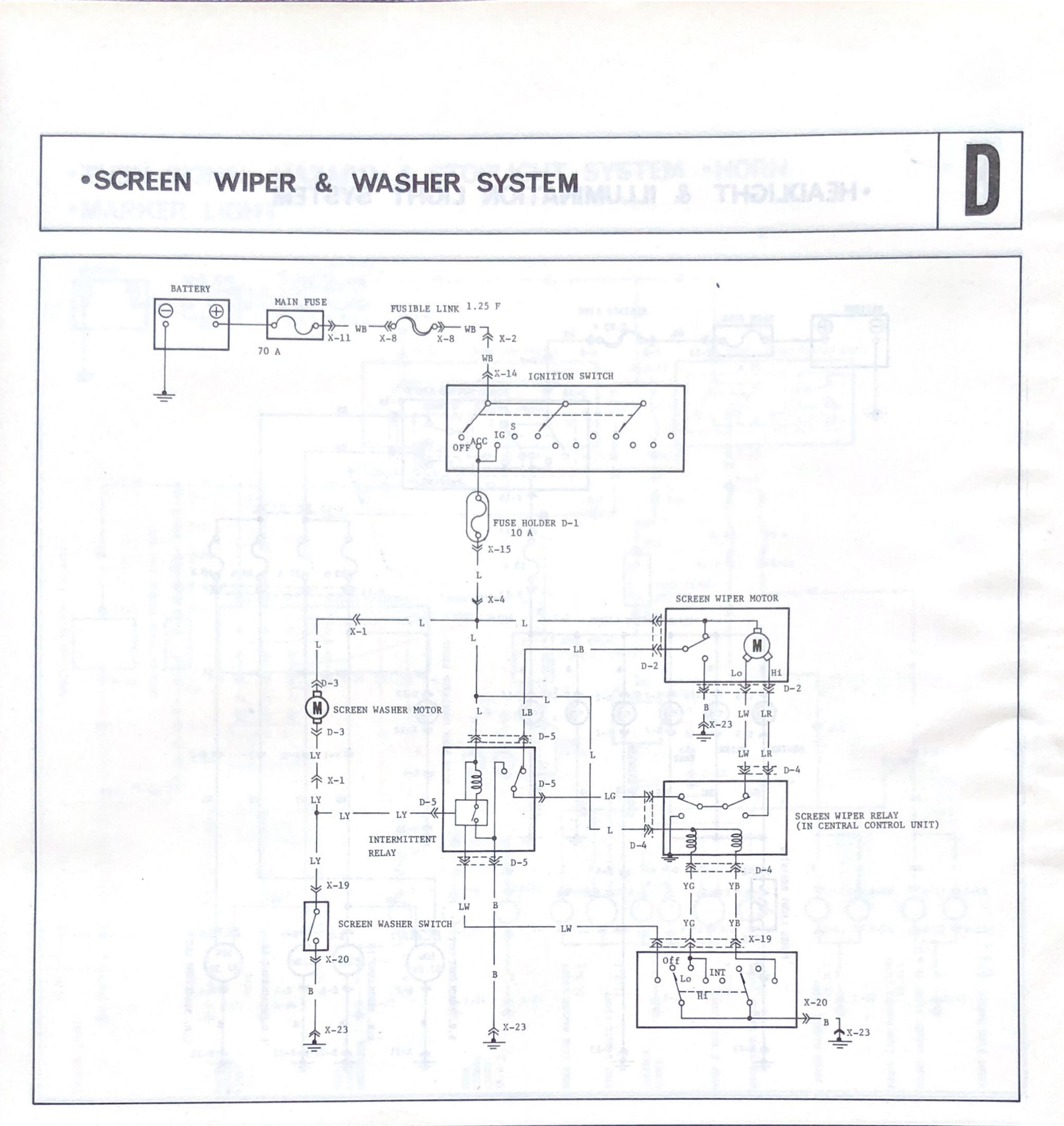


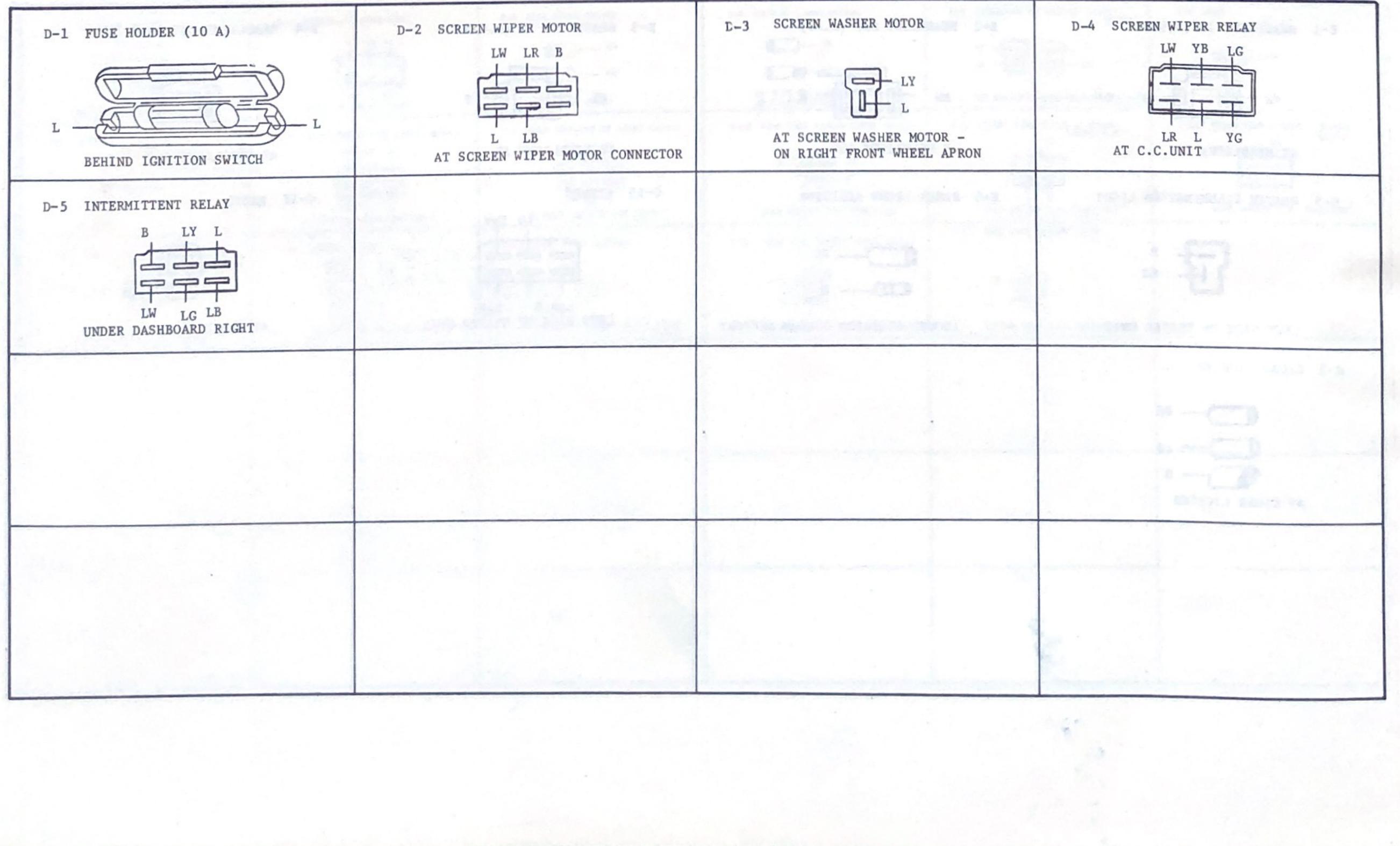


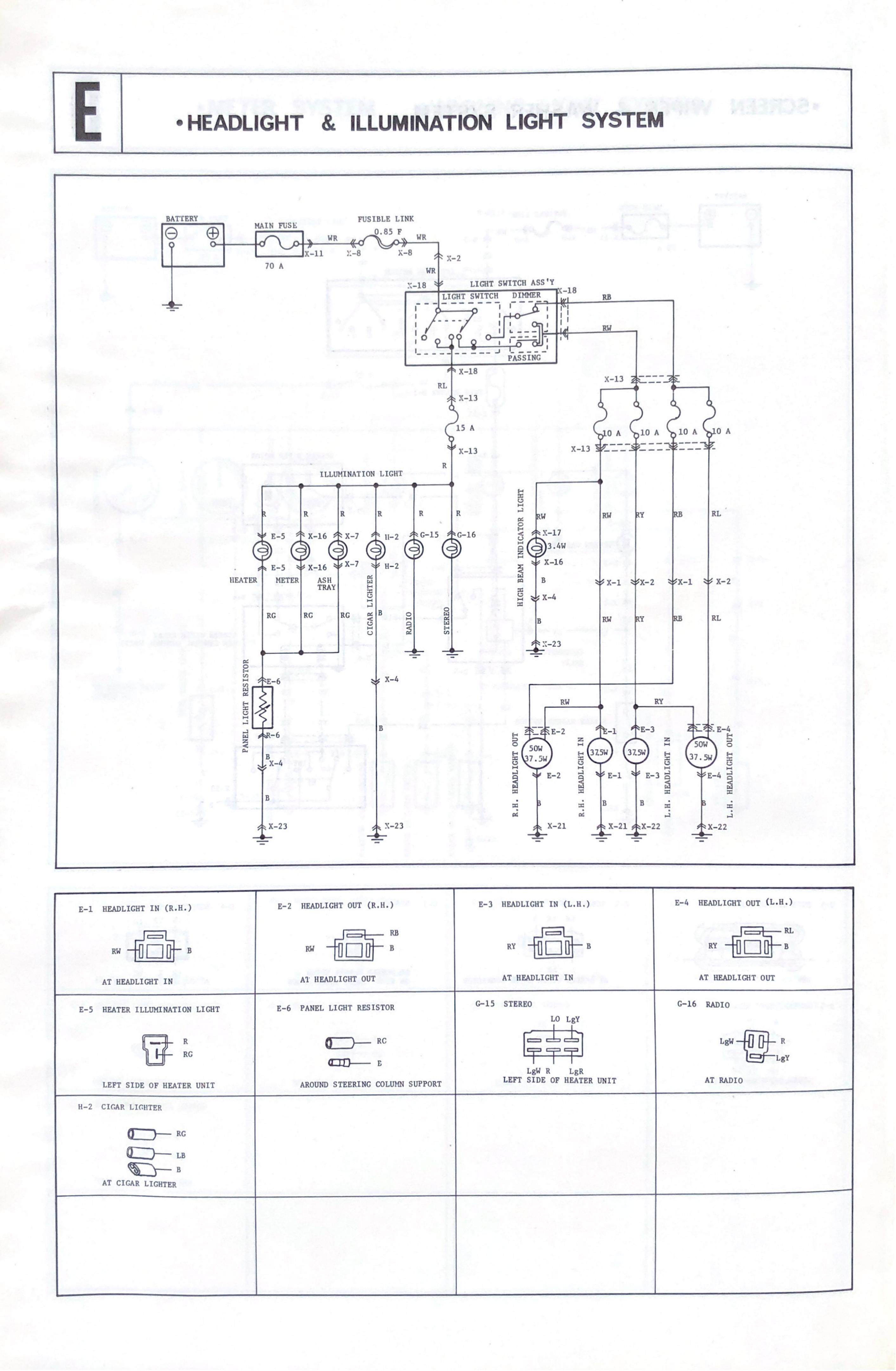




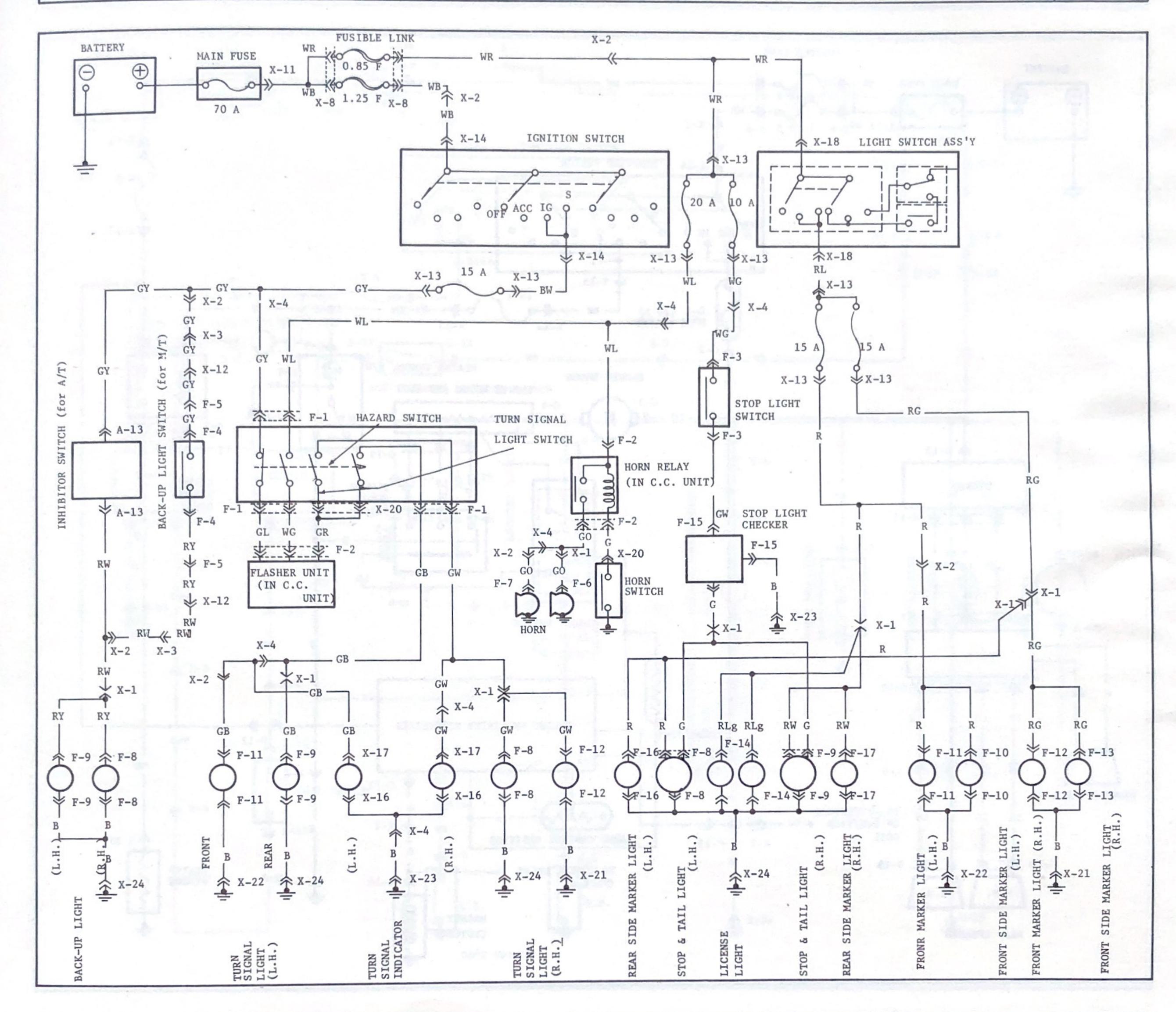


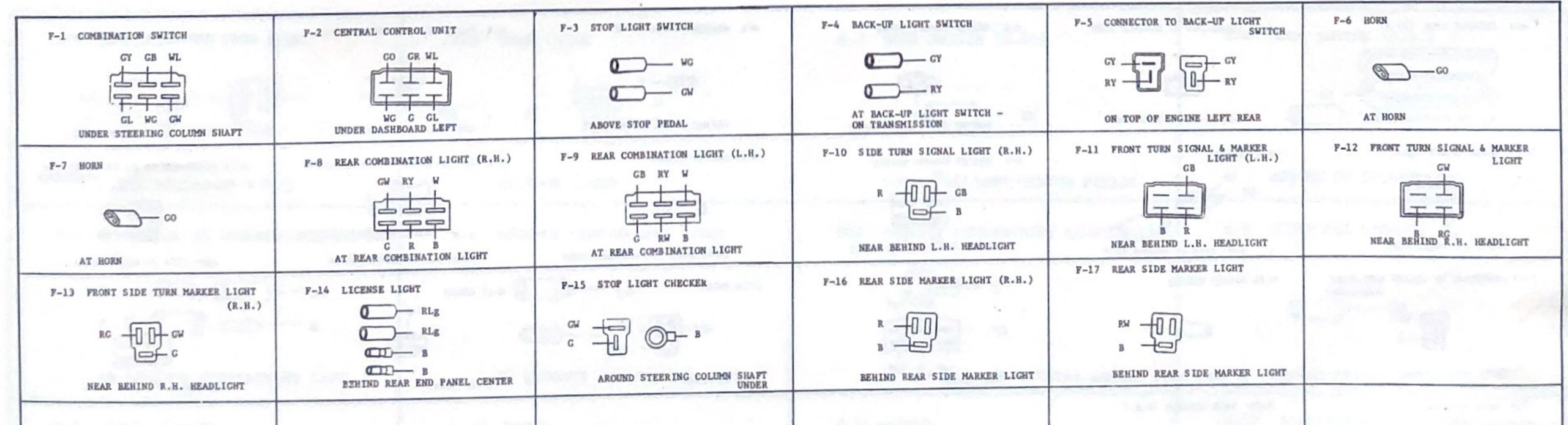




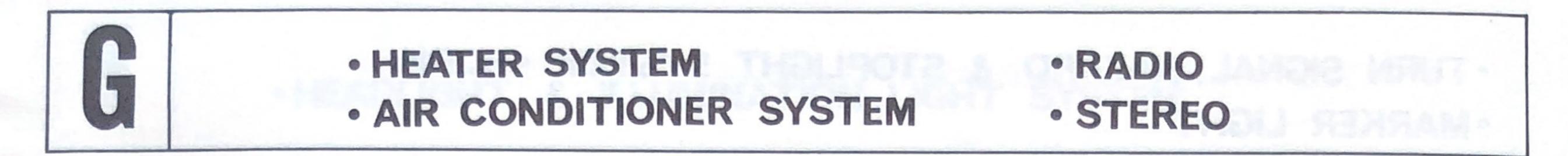


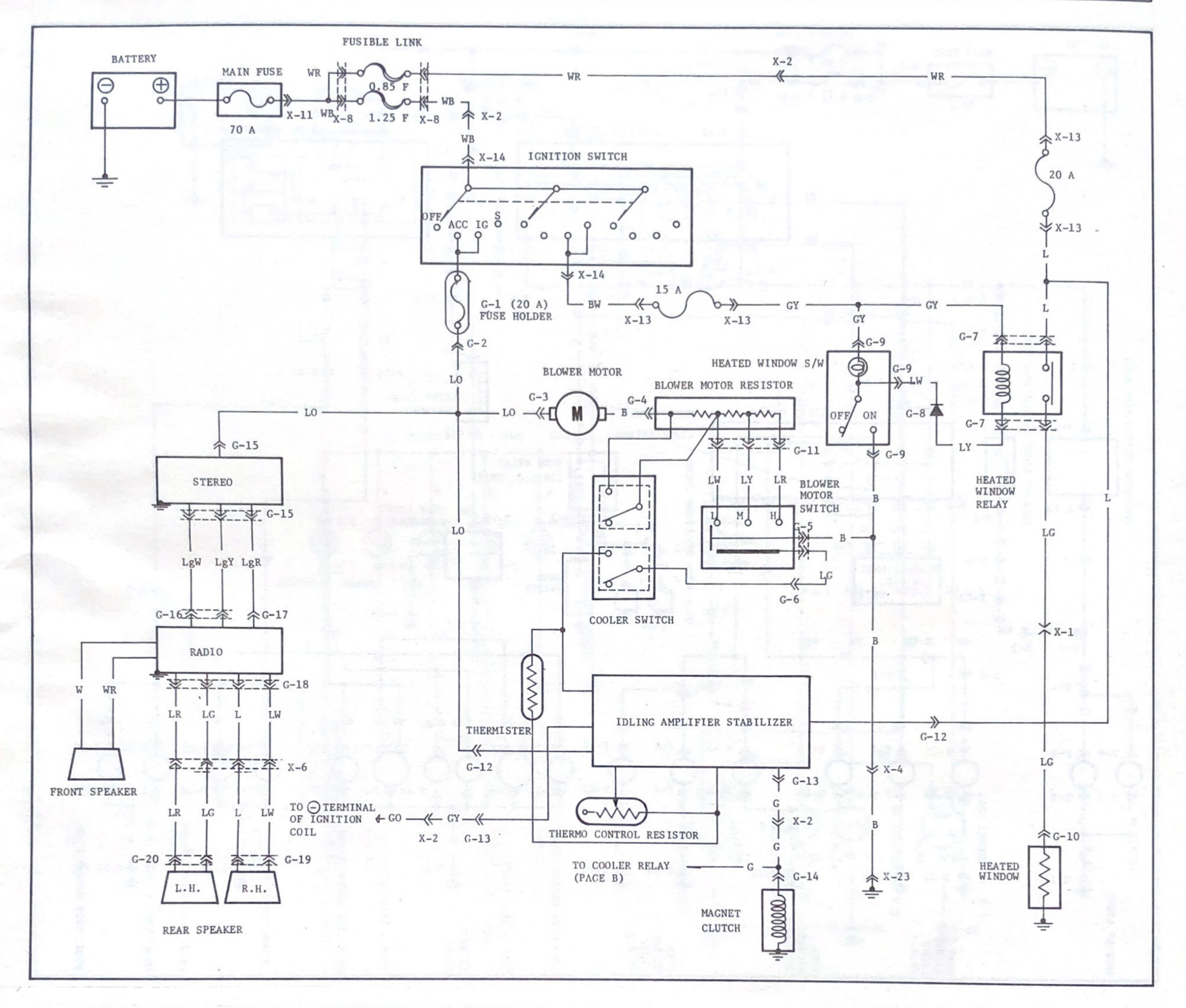
•TURN SIGNAL, HAZARD & STOPLIGHT SYSTEM •HORN •MARKER LIGHT

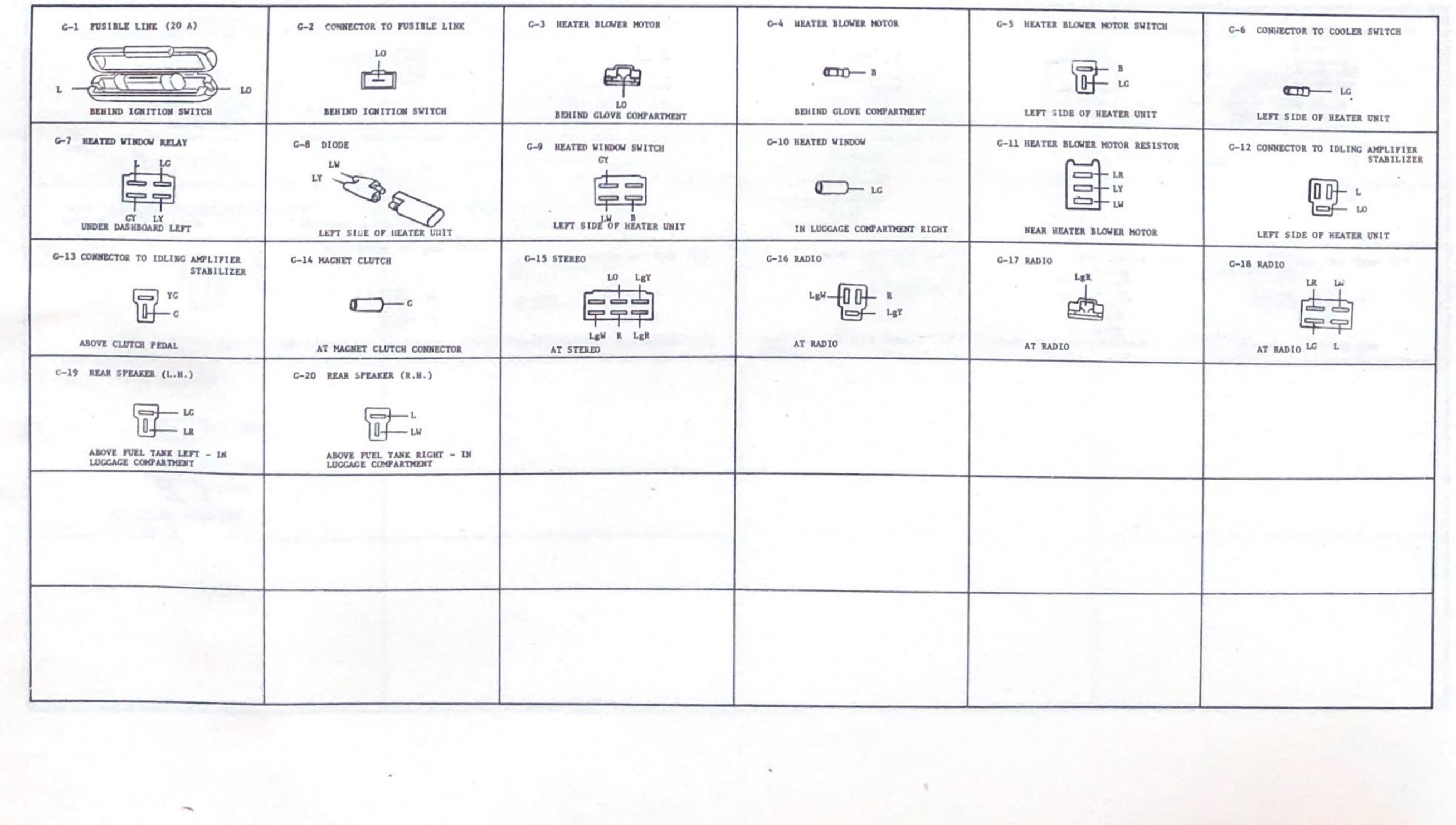


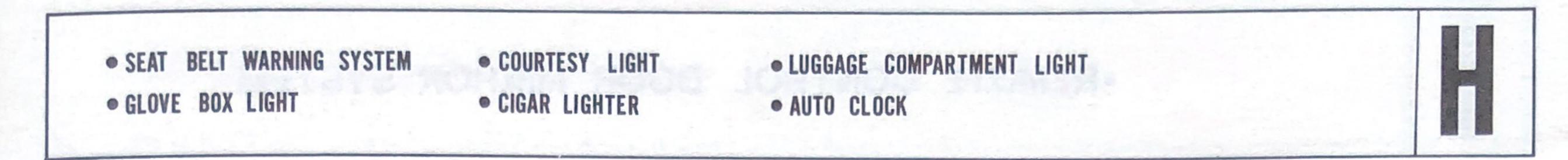


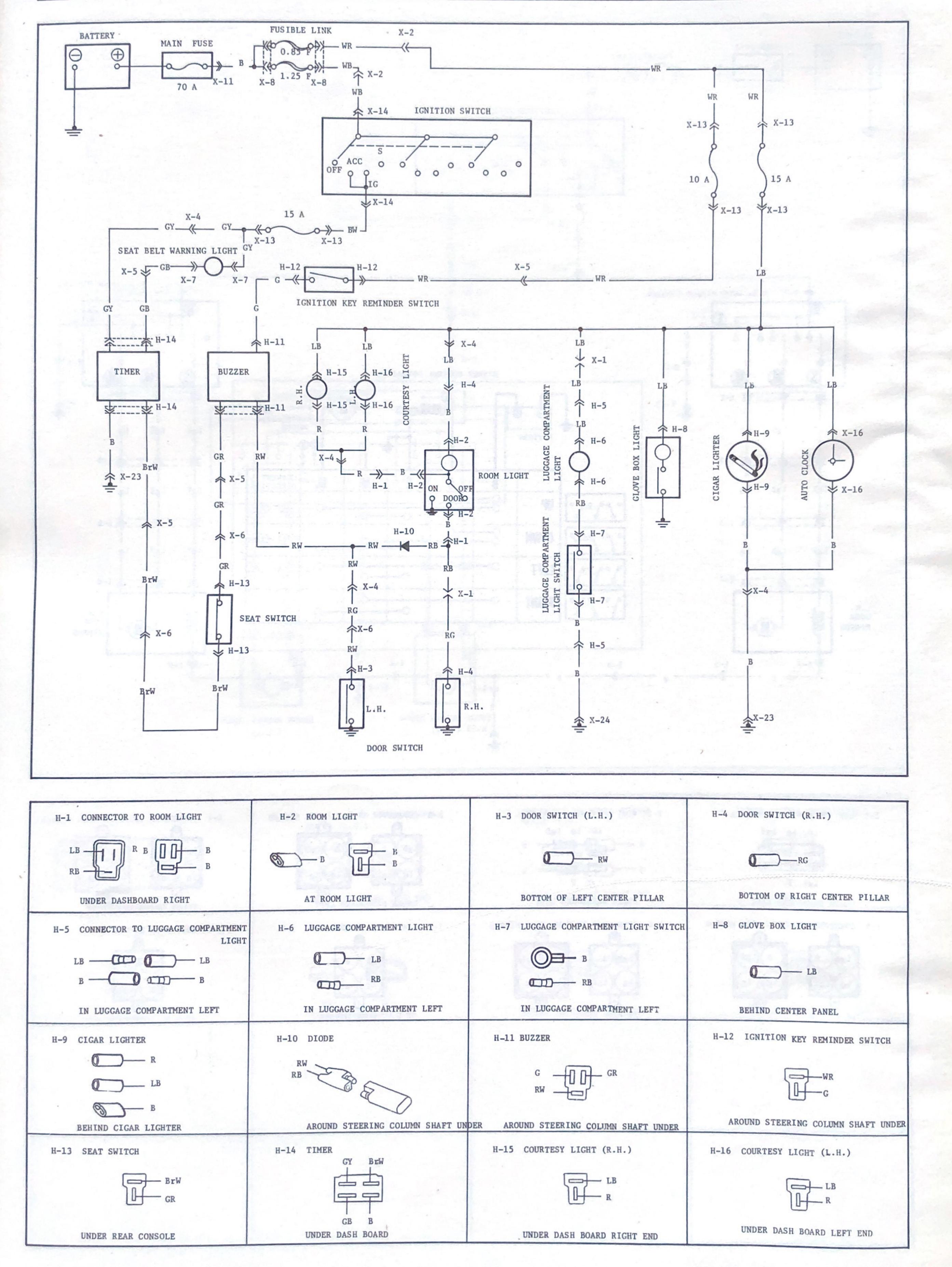
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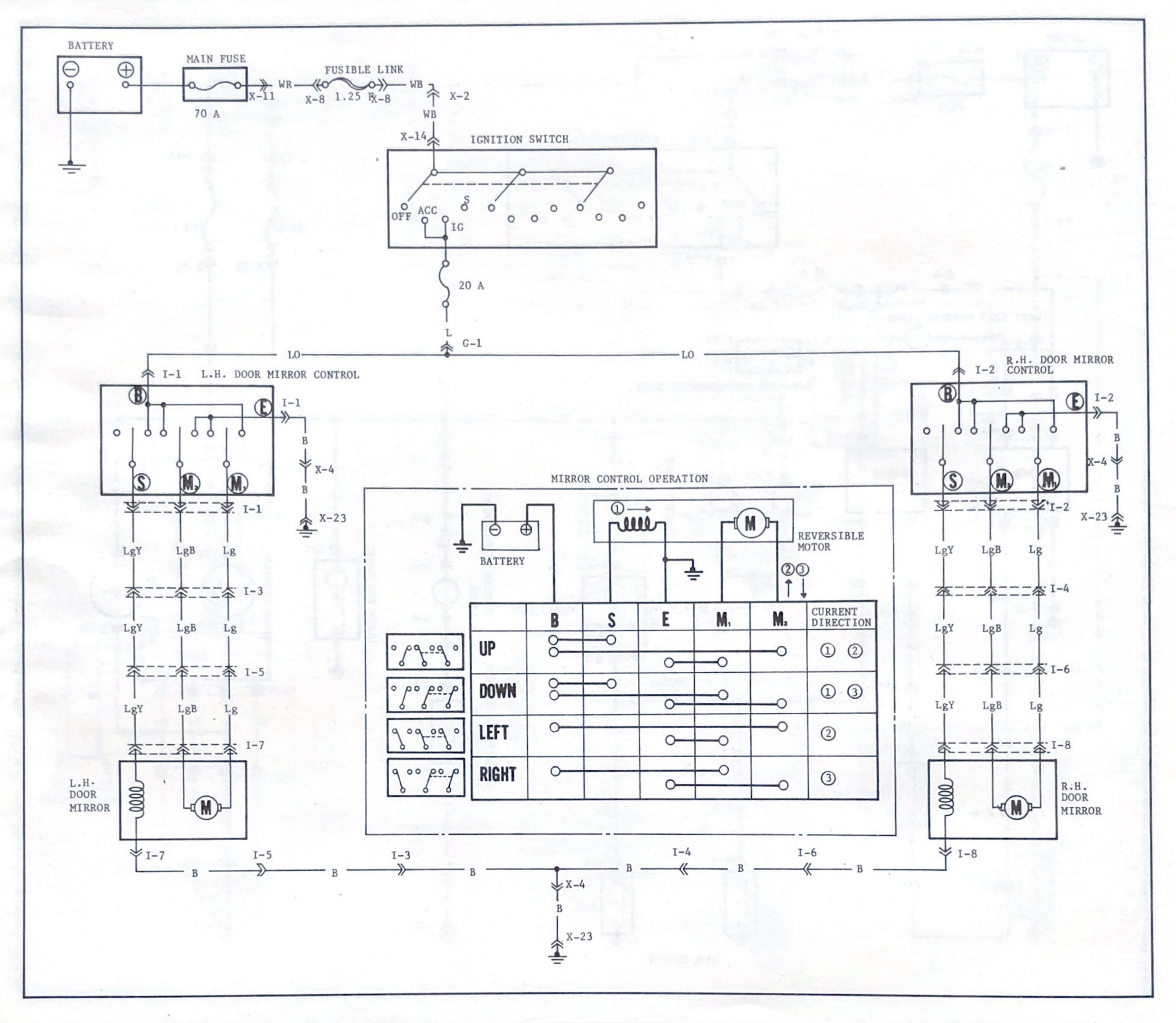


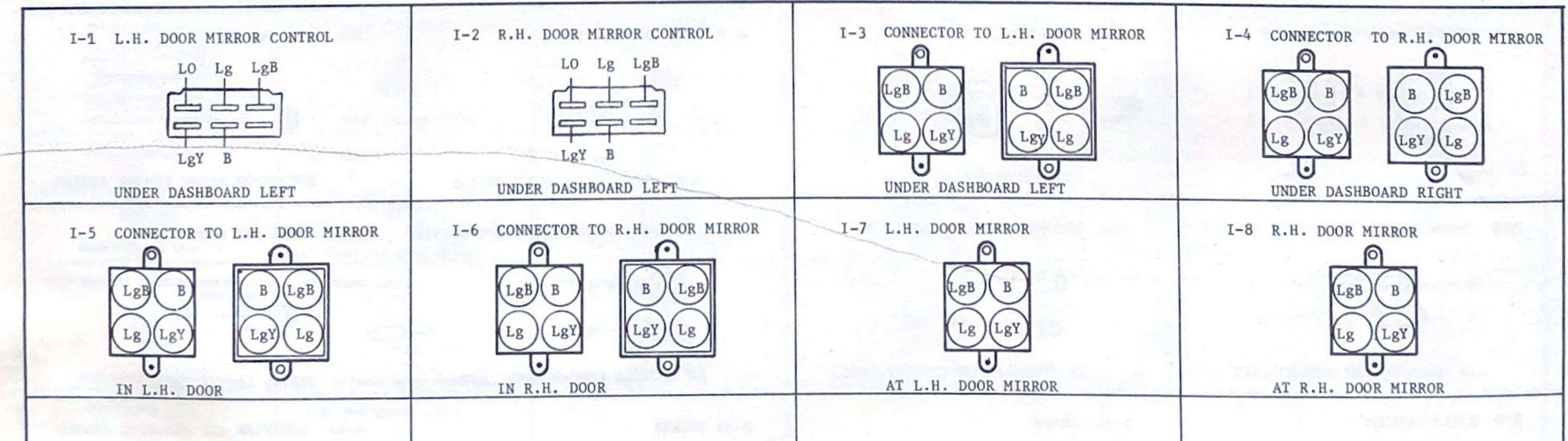




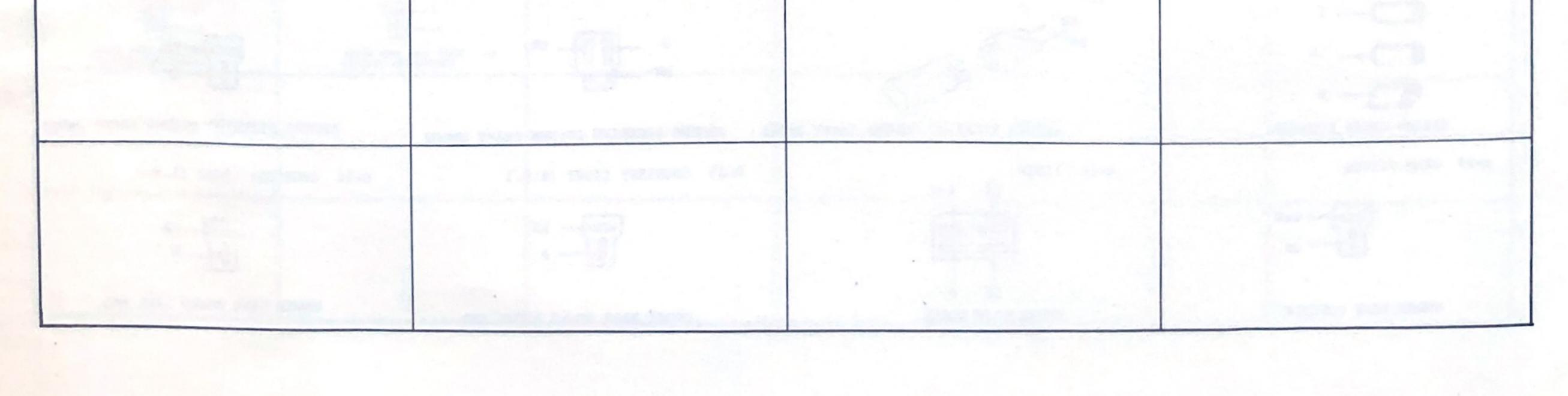




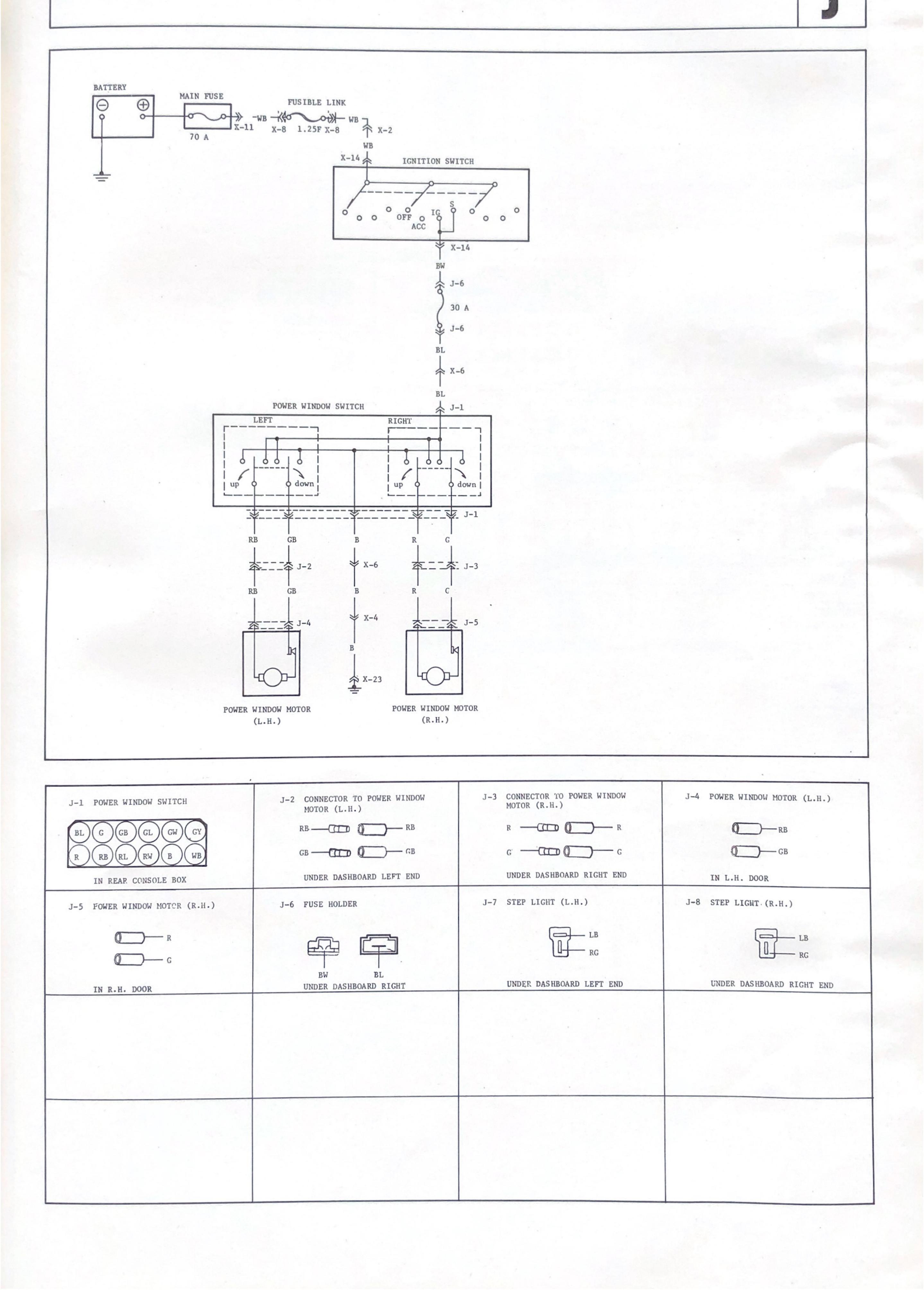




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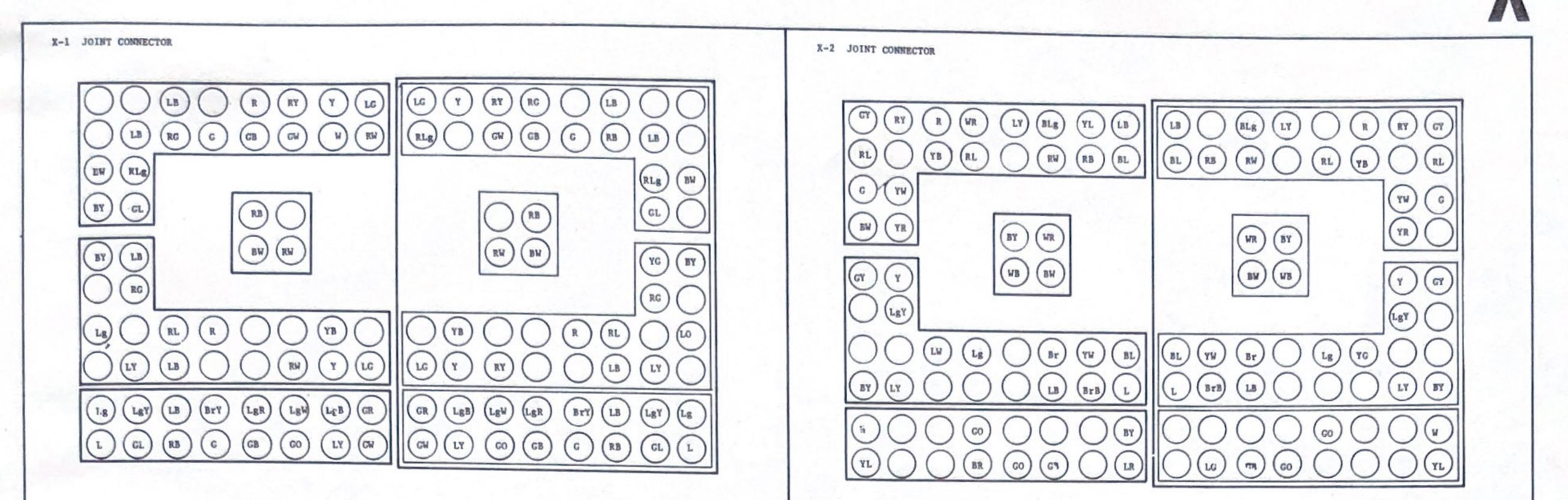


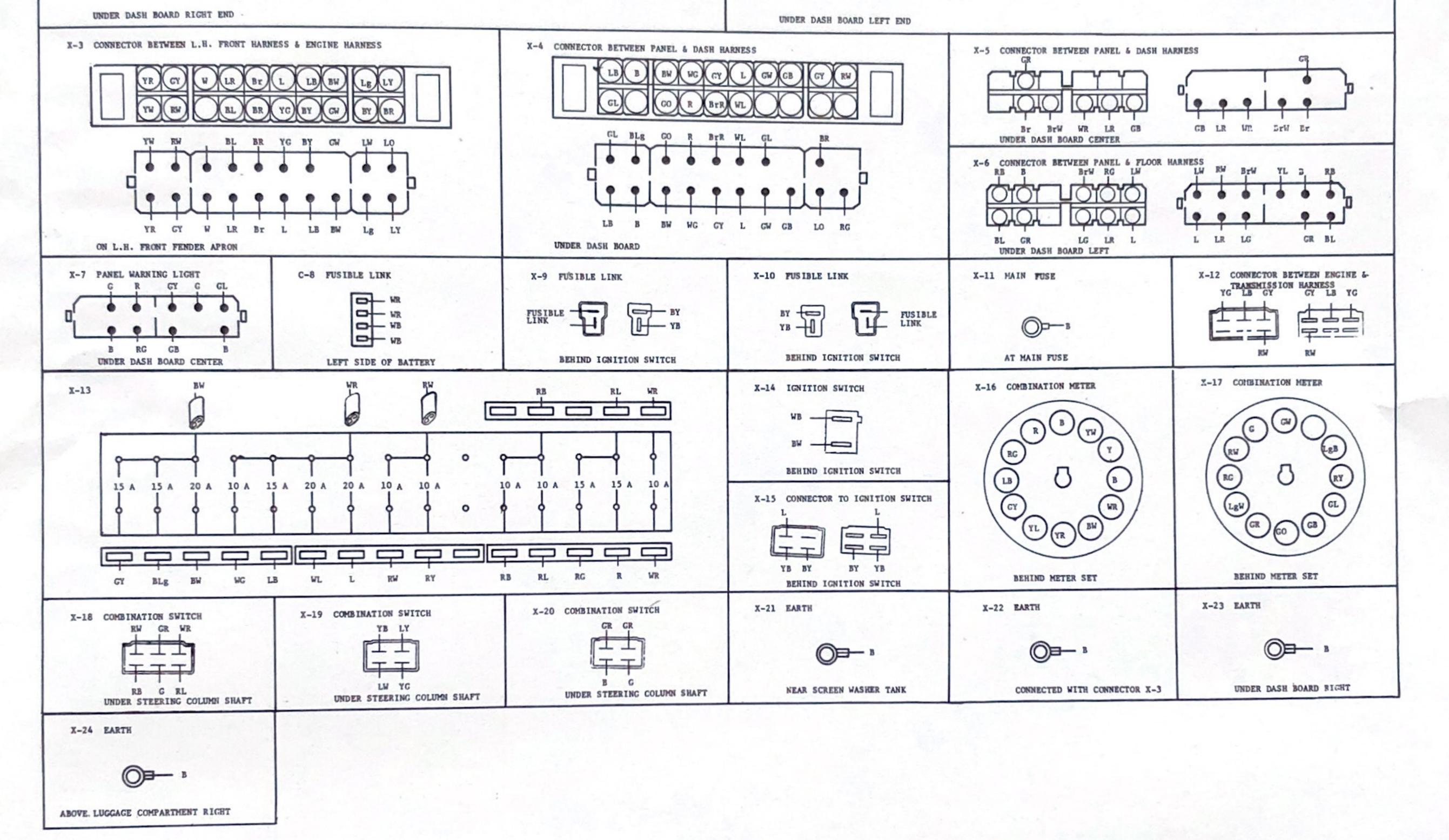
• POWER WINDOW SYSTEM

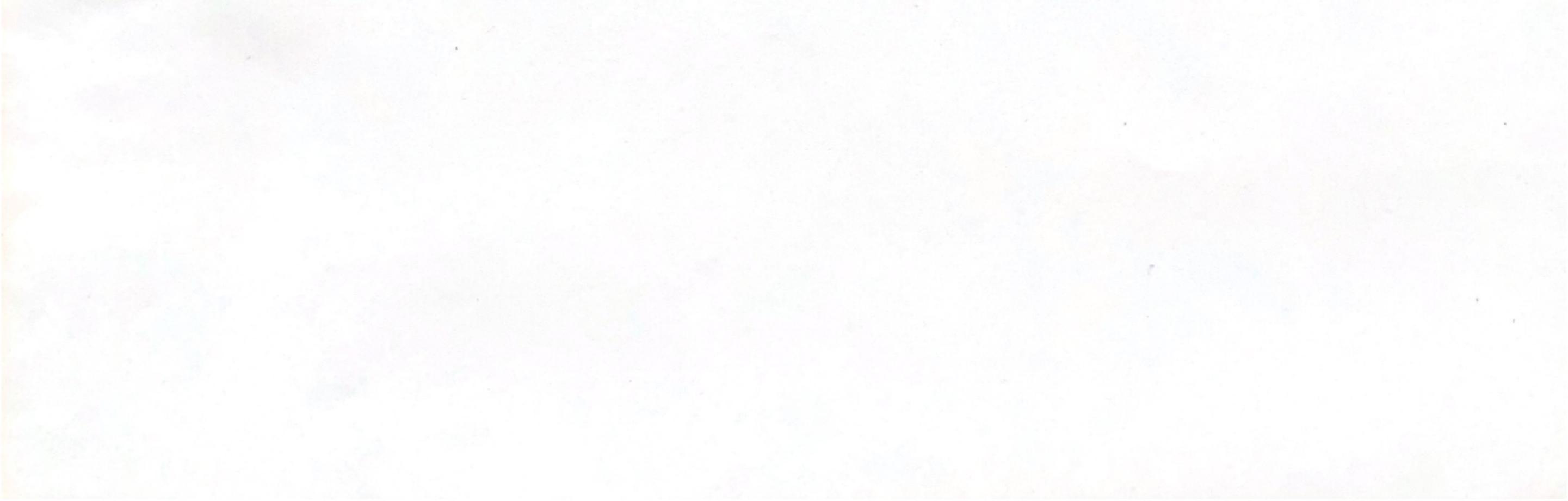




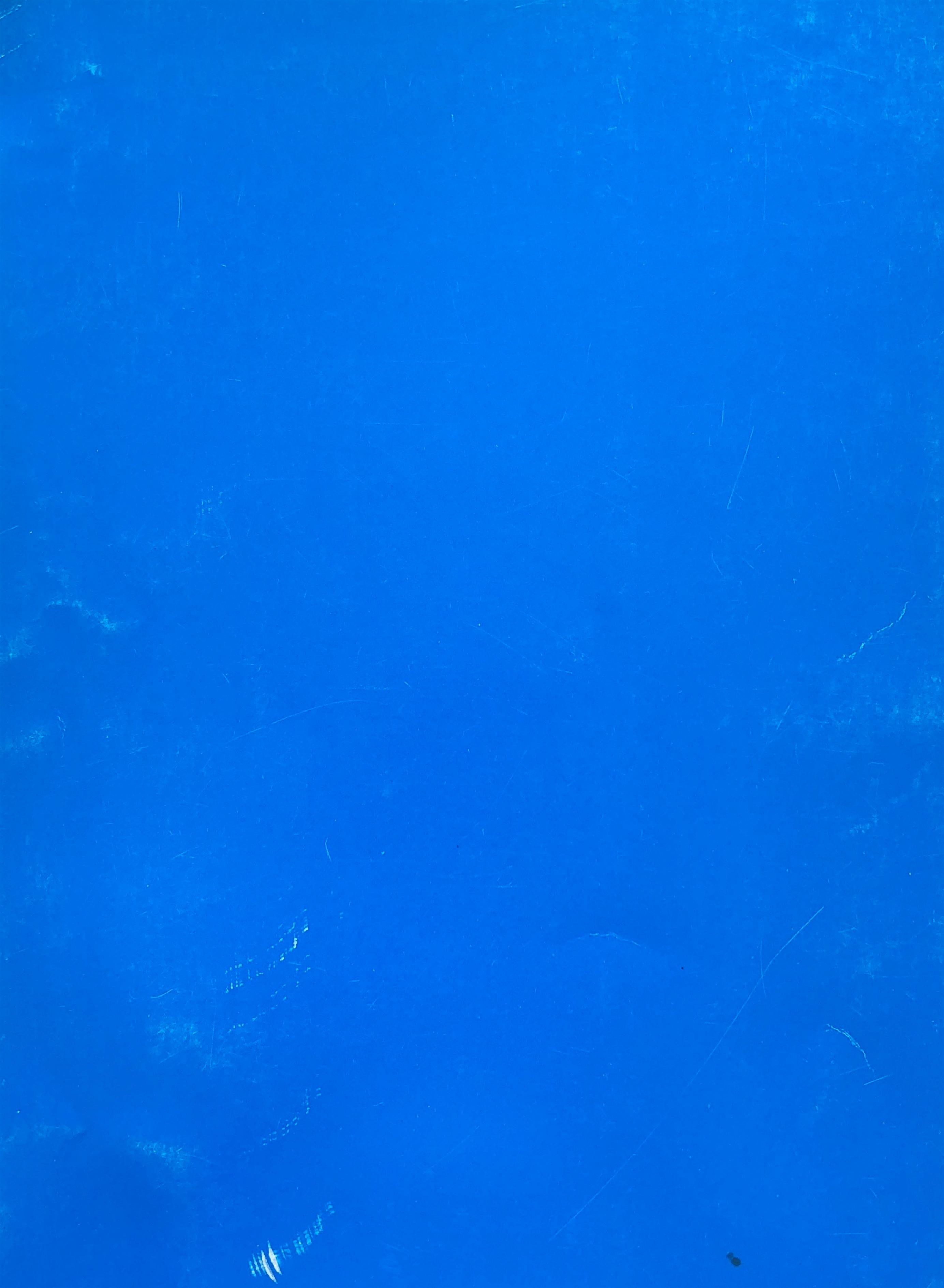












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