

Mazda ROTARY PICKUP

1977
Wiring Diagram

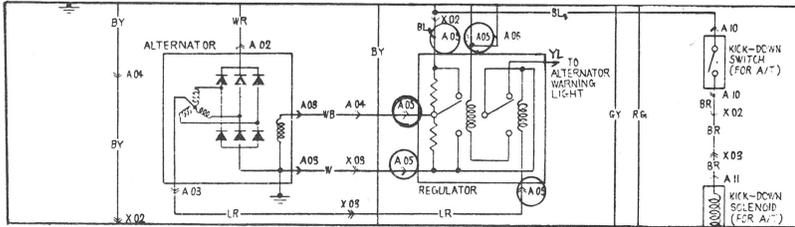
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How to use this wiring diagram

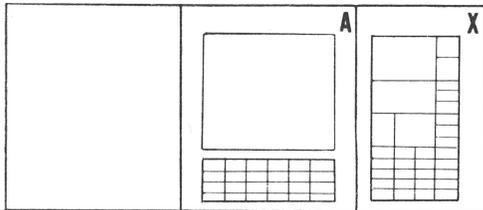
In this booklet, whole electrical systems are divided into sub systems, such as charging system, ignition system ---, and the wiring diagram of each system is shown in one page respectively for your easy reference.

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

- 1 OPEN THE PAGE OF "CHARGING SYSTEM" AND THE LAST FOLDED PAGE "FOR COMMON CONNECTORS".
- 2 FIND OUT THE CONNECTORS WHICH YOU WANT TO CHECK ON THE DIAGRAM.

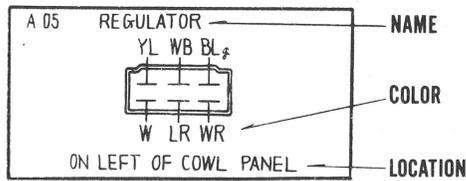


- 3 THEN LOOK UP THE NUMBER IN THE CONNECTOR LIST, THE NUMBERS WHICH START WITH "X" ARE LISTED IN THE LAST PAGE, REST OF THEM ARE AT THE BOTTOM OF EACH PAGE "A" "B" "C" -----.



4 THE CONNECTOR LISTS SHOW

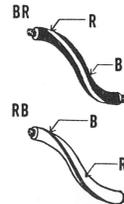
- SHAPE OF CONNECTOR
- LOCATION OF CONNECTOR
- COLORS OF WIRES



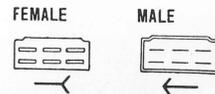
- WIRING CODE -

CODE	COLOR
B	BLACK
Br	BROWN
G	GREEN
Gy	GRAY
L	BLUE
Lg	LIGHT GREEN
O	ORANGE
R	RED
W	WHITE
Y	YELLOW

- EXAMPLE -



- CONNECTOR TYPE -



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.

BATTERY	GROUND	1 FUSE 2 FUSE HOLDER 3 FUSIBLE LINK	SWITCH	MOTOR	COIL	RESISTOR	VARIABLE RESISTOR	DIODE	BULB	HORNE	SPEAKER	RELAY

INDEX

COMPONENT	PAGE	COMPONENT	PAGE	COMPONENT	PAGE
AIR CONTROL VALVE.....	B	IDLE SWITCH	B	STOP, TURN SIGNAL & MARKER LIGHT	F
ALTERNATOR.....	A	IGNITION COIL	B,C	SUB-ZERO MOTOR	A
ALTERNATOR WARNING LIGHT	C	IGNITION RELAY	B	TACHOMETER.....	C
ANTI-AFTERBURN VALVE	B	IGNITION SWITCH	A-D,F,G	TURN SIGNAL LIGHT	
BACK-UP LIGHT	F	ILLUMINATION LIGHT		FRONT	F
BACK-UP LIGHT SWITCH	F	HEATER	E	INDICATOR	F
BATTERY	A-G	METER	E	WATER TEMPERATURE GAUGE	C
BRAKE FAILURE SWITCH	C	RADIO	E	WATER TEMPERATURE GAUGE UNIT	C
BRAKE WARNING LIGHT	C	SELECT INDICATOR(FOR A/T)	E	WATER THERMO SWITCH	B
CARBURETOR HEATER	B	INHIBITOR SWITCH(FOR A/T).....	A,B,F	WIPER SWITCH(COMBINATION SWITCH)	D
CENTRAL CONTROL UNIT		KICK DOWN RELAY(FOR A/T)	B		
FLASHER RELAY	F	KICK DOWN SOLENOID(FOR A/T)	B		
HORN RELAY	F	KICK DOWN SWITCH(FOR A/T)	B		
CHOKE MAGNET	B	LICENSE LIGHT	F		
CHOKE RELAY	B	MAIN FUSIBLE LINK	A-G		
CHOKE SWITCH	B	MARKER LIGHT			
CIGAR LIGHTER	G	FRONT	F		
COASTING VALVE(D.C.V.)	B	FRONT SIDE	F		
COMBINATION SWITCH		REAR SIDE	F		
DIMMER SWITCH	E,F	OIL LEVEL SWITCH	C		
HAZARD SWITCH	F	OIL LEVEL WARNING LIGHT	C		
LIGHT SWITCH	E,F	OIL THERMO SENSOR	A		
PASSING & HIGH BEAM SWITCH	E,F	PANEL LIGHT RESISTOR	E		
TURN SIGNAL LIGHT SWITCH	F	PARKING BRAKE SWITCH	C		
COOLANT LEVEL SWITCH	C	RADIO	G		
COOLANT LEVEL WARNING LIGHT	C	REGULATOR	A,B,C		
(ALTERNATOR WARNING LIGHT)		RETARD RELAY	B,C		
DISTRIBUTOR	B	RICHER	B		
DISTRIBUTOR RELAY	B	ROOM LIGHT	G		
DOOR SWITCH	G	SCREEN WASHER MOTOR	D		
EMISSION CONTROL BOX	B	SCREEN WIPER MOTOR	D		
EXTERNAL RESISTOR	B	SEAT BELT SWITCH	C		
FUEL GAUGE	C	SEAT BELT TIMER	C		
FUEL GAUGE TANK UNIT	C	SEAT BELT WARNING BUZZER	C		
FUEL PUMP	B	SEAT BELT WARNING LIGHT.....	C		
HEADLIGHT	E	SHORT RELAY	C		
HEATER BLOWER MOTOR	G	SOLENOID VALVE OF VACUUM CONTROL.....	B		
HEATER BLOWER MOTOR SWITCH	G	VALVE(FOR FEDERAL SPEC.)			
HEAT HAZARD SENSOR	B	SOLENOID VALVE A & B OF AIR CONTROL....	B		
HEAT WARNING LIGHT	B	VALVE			
HIGH BEAM INDICATOR LIGHT	E	SPEAKER	G		
HORN	E	STARTER MOTOR	A		
HORN SWITCH	F	STOP LIGHT SWITCH	F		

PAGE	SUB SYSTEM
A	● STARTING SYSTEM
	● CHARGING SYSTEM
	● SUB-ZERO SYSTEM
	● INHIBITOR SWITCH
B	● IGNITION SYSTEM
	● EMISSION CONTROL SYSTEM
	● KICK DOWN SYSTEM
	● FUEL PUMP
C	● METER SYSTEM
	● WARNING LIGHT SYSTEM
	● SEAT BELT WARNING SYSTEM
D	● SCREEN WIPER SYSTEM
E	● HEAD LIGHT SYSTEM
	● ILLUMINATION LIGHT SYSTEM
F	● LIGHT SYSTEM
	● HORN
G	● HEATER SYSTEM
	● RADIO
	● ROOM LIGHT
	● CIGAR LIGHTER

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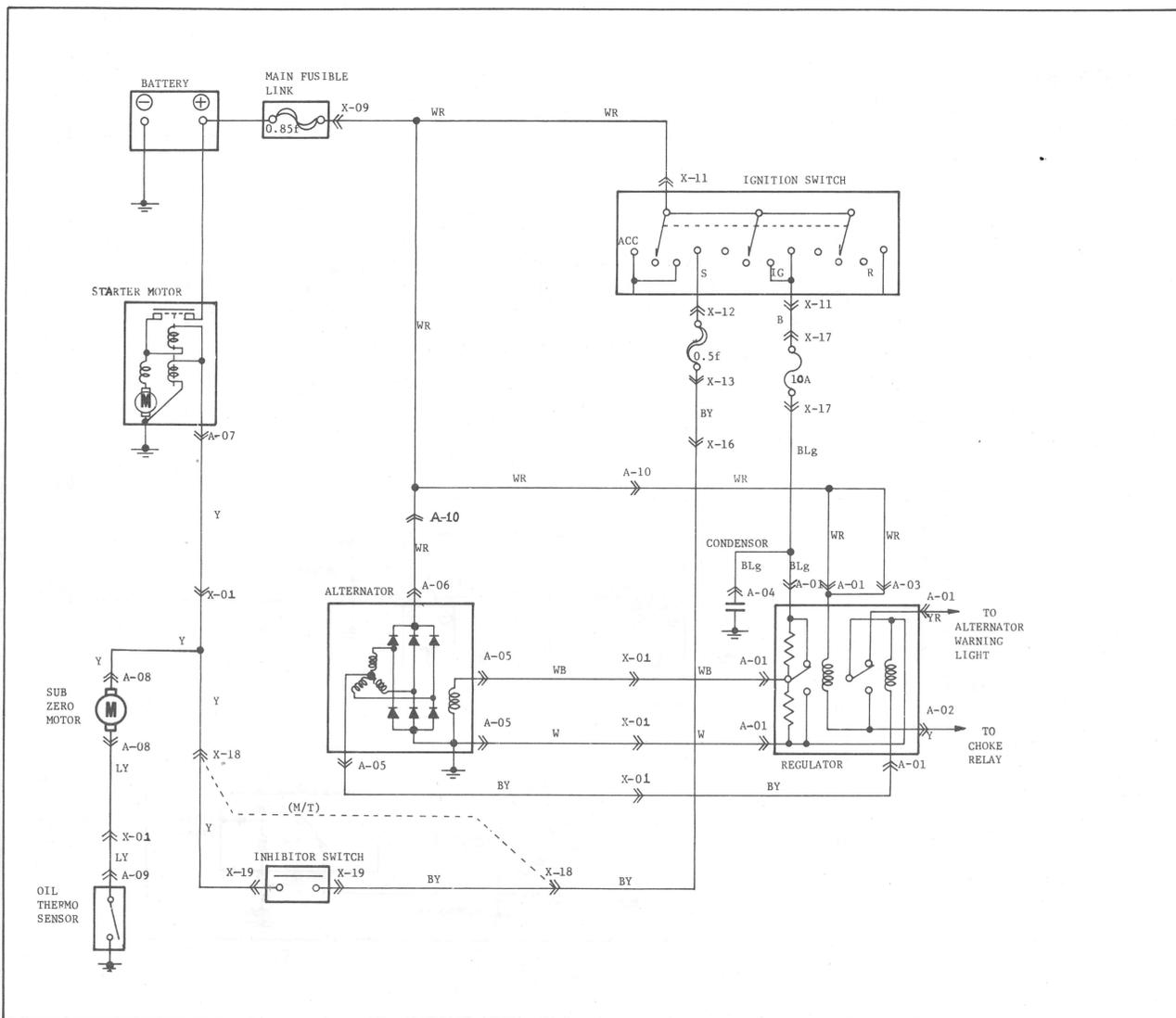
CHAPTER XIX

CHAPTER XX

• STARTING SYSTEM
• SUB-ZERO SYSTEM

• CHARGING SYSTEM
• INHIBITOR SWITCH

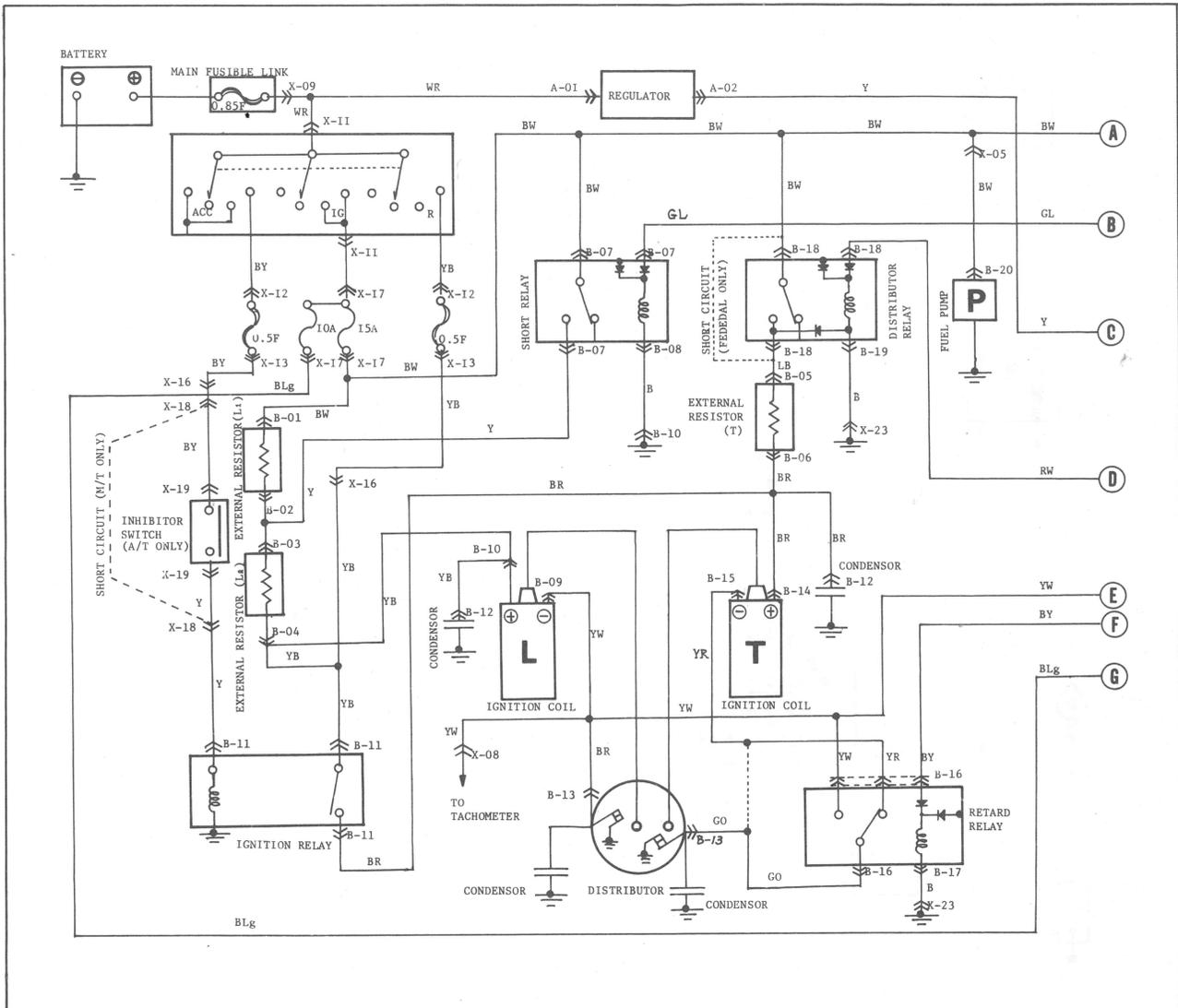
A



<p>A-01 REGULATOR</p> <p>NEAR REGULATOR</p>	<p>A-02 REGULATOR</p> <p>NEAR REGULATOR</p>	<p>A-03 REGULATOR</p> <p>NEAR REGULATOR</p>	<p>A-04 CONDENSOR</p> <p>NEAR REGULATOR</p>
<p>A-05 ALTERNATOR</p> <p>AT ALTERNATOR</p>	<p>A-06 ALTERNATOR</p> <p>AT ALTERNATOR</p>	<p>A-07 STATER MOTOR</p> <p>AT STATER MOTOR</p>	<p>A-08 SUB-ZERO MOTOR</p> <p>AT SUB-ZERO MOTOR</p>
<p>A-09 OIL THERMO SENSOR</p> <p>LEFT UNDER OF INTERMEDIATE HOUSING</p>	<p>A-10 CONNECTOR TO ENGINE HARNESS</p> <p>ON LEFT FRONT FENDER APRON</p>		

•IGNITION SYSTEM

•FUEL PUMP

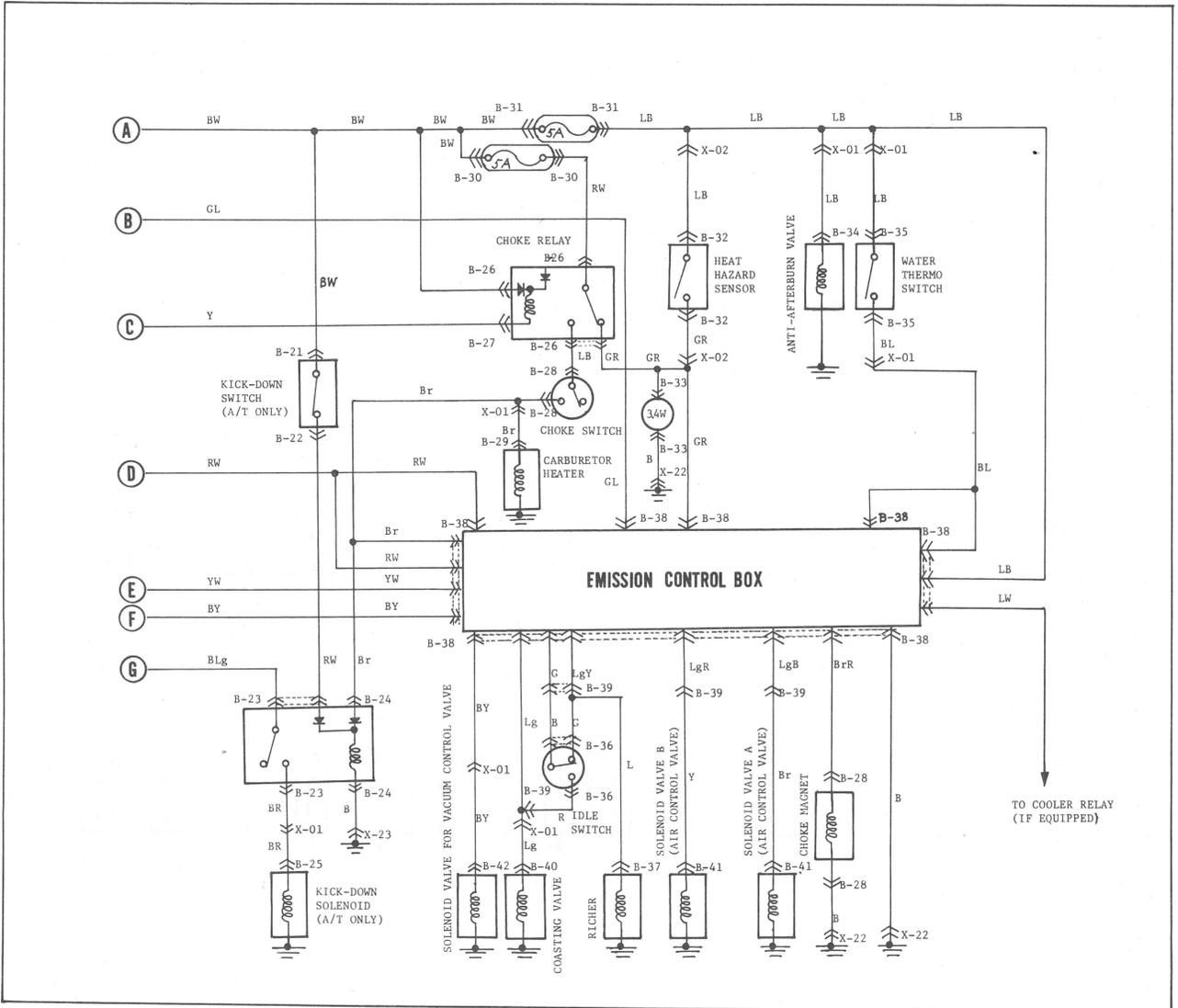


B-01 EXTERNAL RESISTOR(L) AT IGNITION COIL	B-02 EXTERNAL RESISTOR(L) AT IGNITION COIL	B-03 EXTERNAL RESISTOR(L) AT IGNITION COIL	B-04 EXTERNAL RESISTOR(L) AT IGNITION COIL	B-05 EXTERNAL RESISTOR(T) AT IGNITION COIL	B-06 EXTERNAL RESISTOR(T) AT IGNITION COIL
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B-13 CONNECTER OF DISTRIBUTOR AT IGNITION COIL	B-14 TERMINAL OF IGNITION COIL (T) AT IGNITION COIL	B-15 TERMINAL OF IGNITION COIL (T) AT IGNITION COIL	B-16 RETARD RELAY NEAR RETARD RELAY	B-17 RETARD RELAY NEAR RETARD RELAY	B-18 DISTRIBUTOR RELAY NEAR DISTRIBUTOR RELAY
B-19 DISTRIBUTOR RELAY AT DISTRIBUTOR RELAY	B-20 FUEL PUMP NEAR FUEL PUMP				

• KICK-DOWN SYSTEM

• EMISSION CONTROL SYSTEM

B



<p>B-21 KICK-DOWN SWITCH</p> <p>ABOVE ACCELERATOR PEDAL</p>	<p>B-22 KICK-DOWN SWITCH</p> <p>ABOVE ACCELERATOR PEDAL</p>	<p>B-23 KICK-DOWN RELAY</p> <p>ON LEFT FRONT FENDER APRON</p>	<p>B-24 KICK-DOWN RELAY</p> <p>ON LEFT FRONT FENDER APRON</p>	<p>B-25 KICK-DOWN SOLENOID</p> <p>AT KICK-DOWN SOLENOID</p>	<p>B-26 CHOKE RELAY</p> <p>ON LEFT FRONT FENDER APRON</p>
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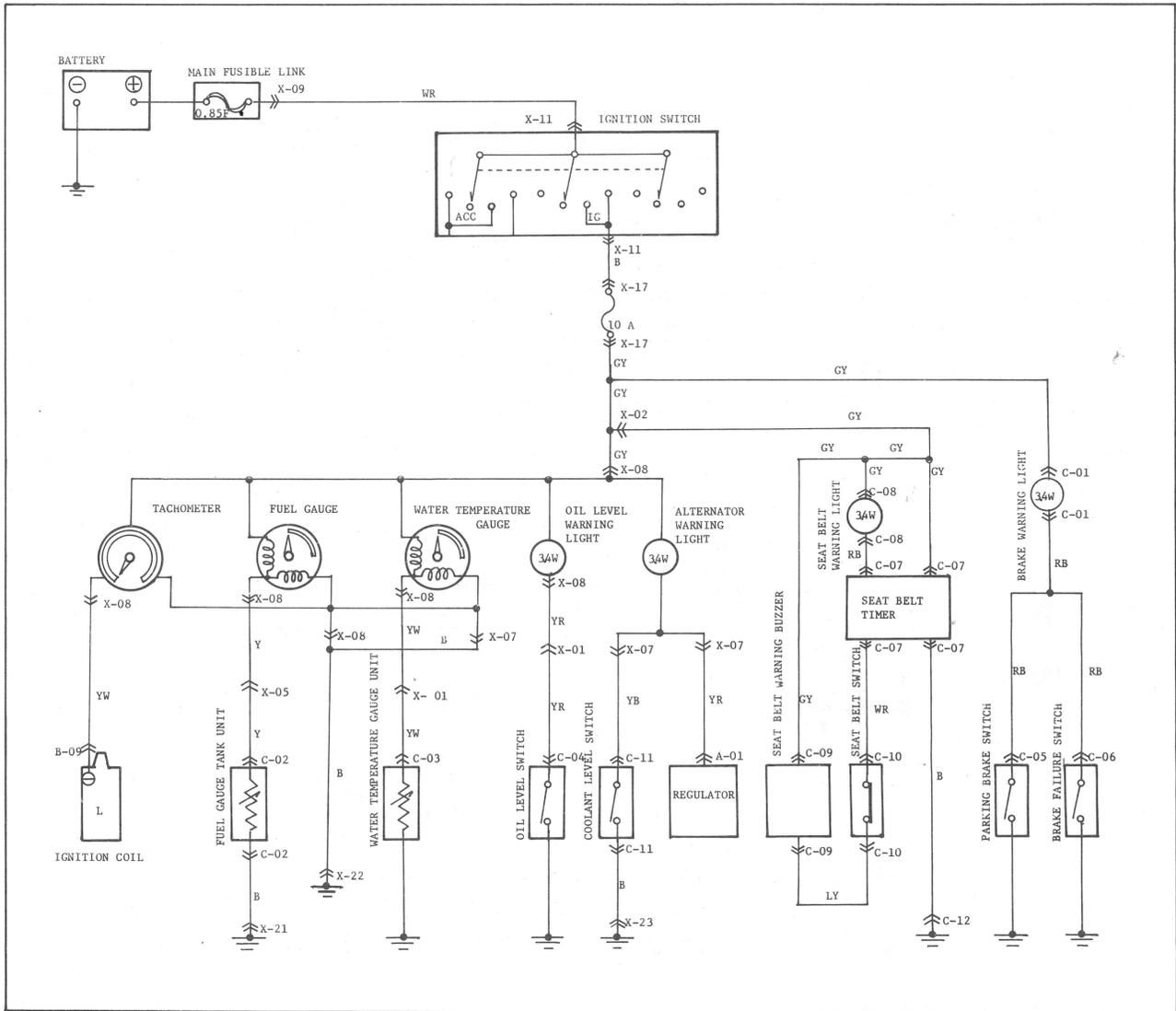
EX-13

C

• METER SYSTEM

• SEAT BELT WARNING SYSTEM

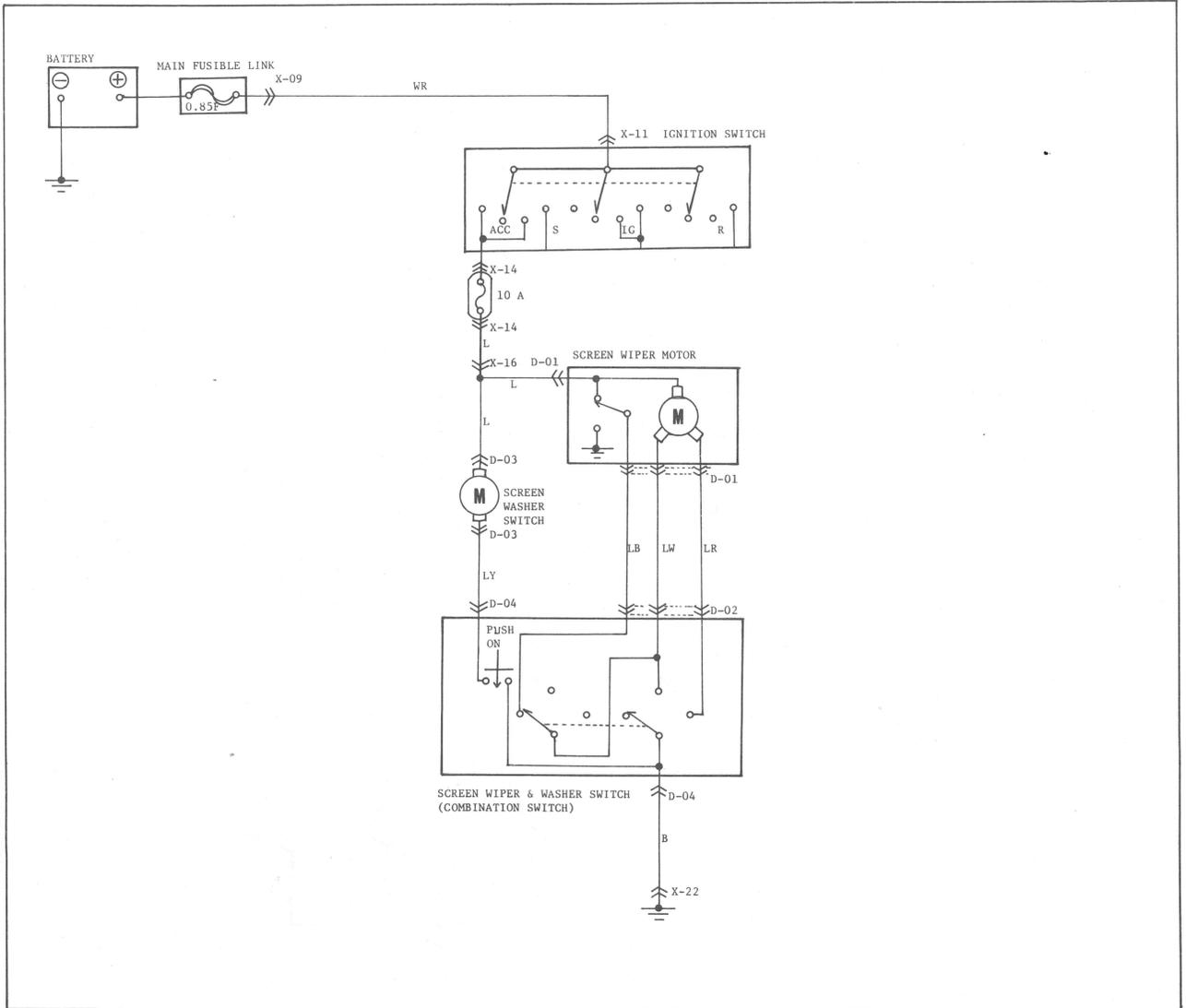
• WARNING LIGHT SYSTEM

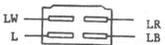


<p>C-01 BRAKE WARNING LIGHT</p> <p>BEHIND METER SET RIGHT</p>	<p>C-02 FUEL GAUGE TANK UNIT</p> <p>AT FUEL TANK</p>	<p>C-03 WATER TEMPERATURE GAUGE</p> <p>LEFT SIDE OF REAR HOUSING</p>	<p>C-04 OIL LEVEL SWITCH</p> <p>LEFT UNDER OF INTERMEDIATE HOUSING</p>
<p>C-05 PARKING BRAKE SWITCH</p> <p>NEAR TURN SIGNAL RELAY</p>	<p>C-06 BRAKE FAILURE SWITCH</p> <p>AT BRAKE FAILURE SWITCH</p>	<p>C-07 SEAT BELT TIMER</p> <p>UNDER DASHBOARD RIGHT</p>	<p>C-08 SEAT BELT WARNING LIGHT</p> <p>BEHIND BACK SEAT LEFT</p>
<p>C-09 SEAT BELT WARNING BUZZER</p> <p>UNDER DASHBOARD LEFT</p>	<p>C-10 SEAT BELT SWITCH</p> <p>BEHIND BACK SEAT BELT</p>	<p>C-11 COOLANT LEVEL SWITCH</p> <p>ON LEFT FRONT FENDER APRON</p>	<p>C-12 EARTH</p> <p>NEAR BUZZER</p>

• SCREEN WIPER SYSTEM

D

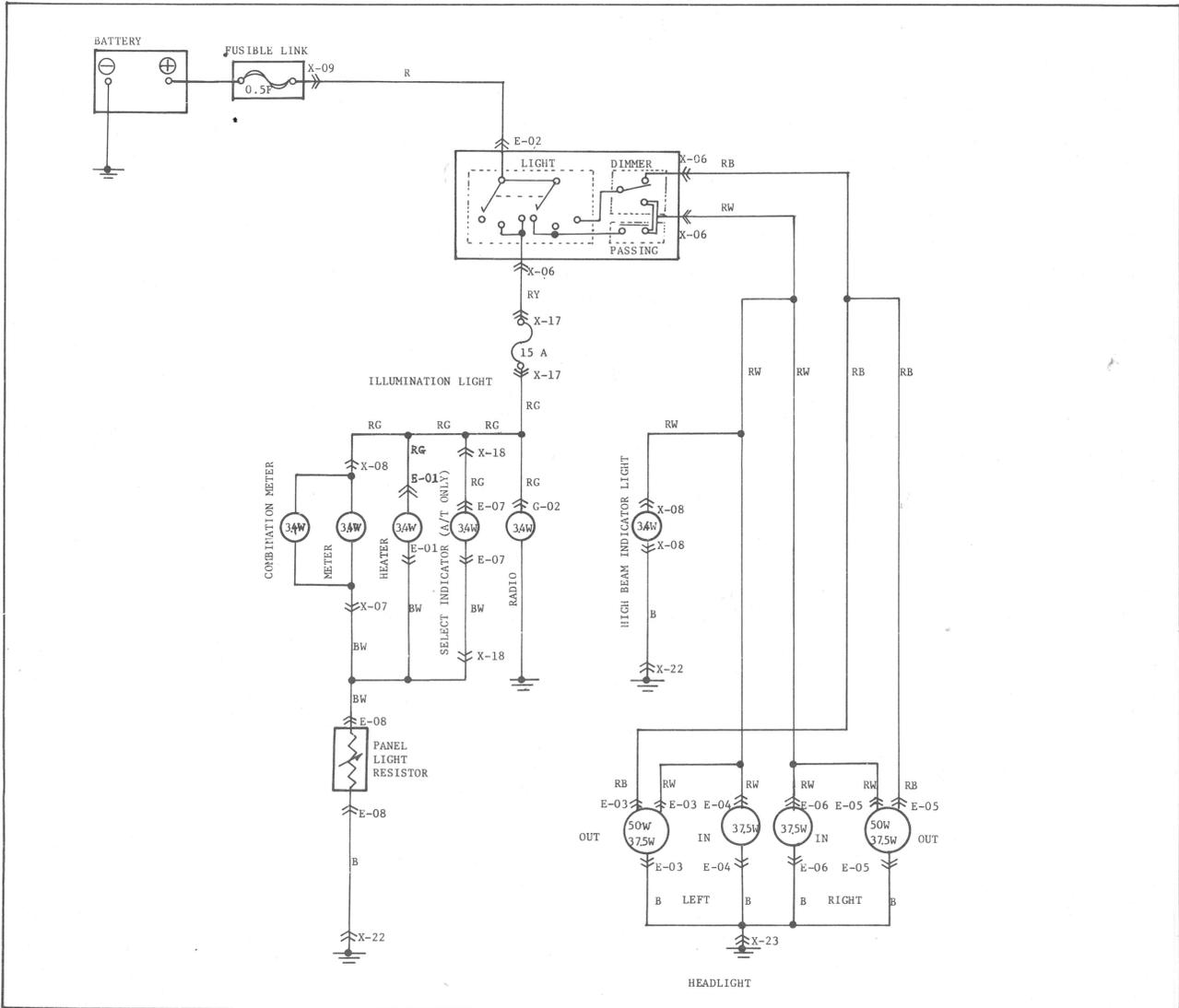


D-01 SCREEN WIPER MOTOR  AT SCREEN WIPER MOTOR	D-02 WIPER SWITCH (COMBINATION SWITCH)  IN STEERING COLUMN COVER	D-03 SCREEN WASHER MOTOR  AT SCREEN WASHER MOTOR	D-04 WIPER SWITCH (COMBINATION SWITCH)  IN STEERING COLUMN COVER

E

• HEADLIGHT SYSTEM

• ILLUMINATION LIGHT SYSTEM

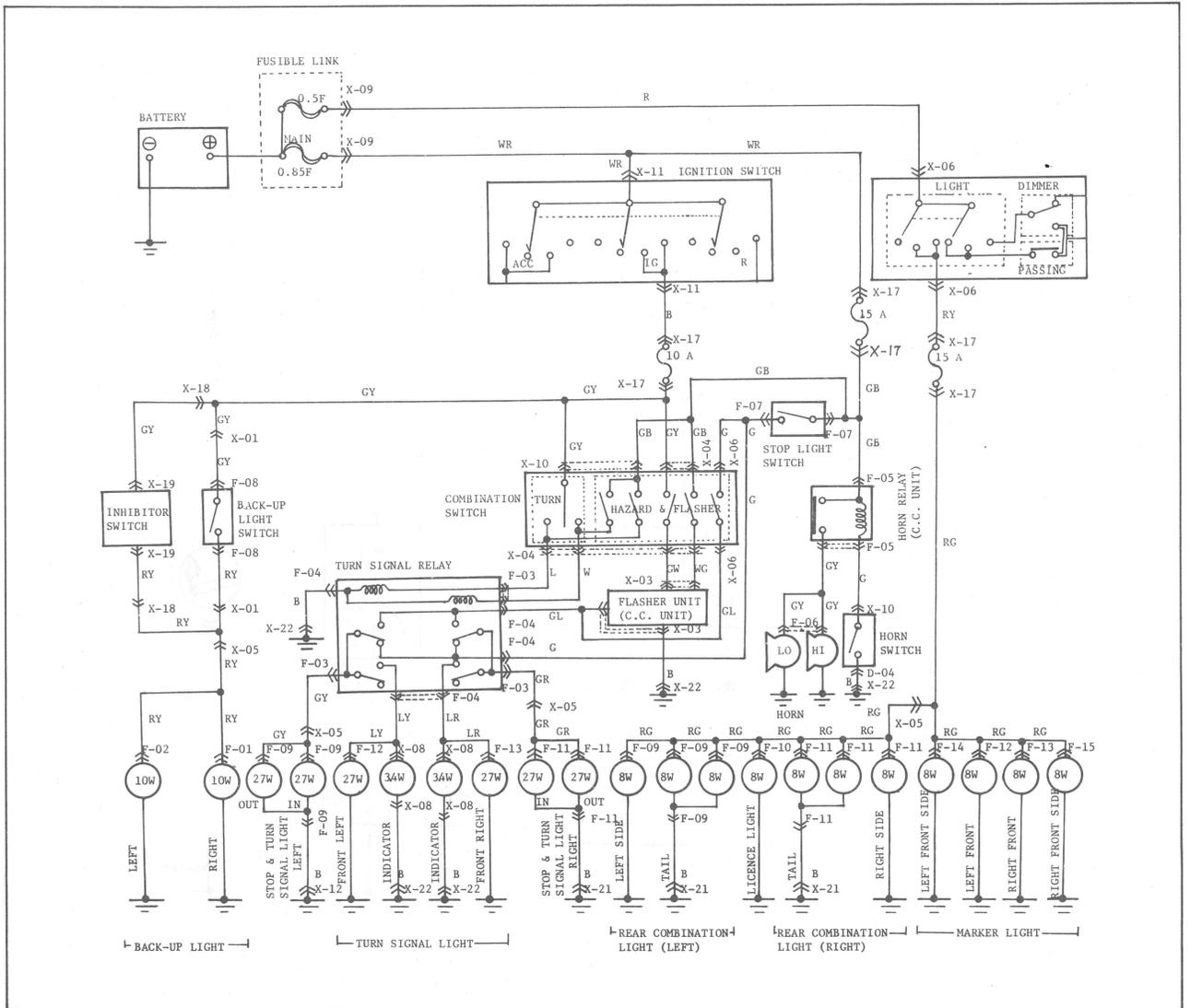


<p>E-01 HEATER ILLUMINATION LIGHT</p> <p>AT HEATER</p>	<p>E-02 LIGHT SWITCH (COMBINATION SWITCH)</p> <p>IN STEERING COLUMN COVER</p>	<p>E-03 HEADLIGHT OUT (LEFT)</p> <p>AT HEADLIGHT OUT</p>	<p>E-04 HEADLIGHT IN (LEFT)</p> <p>AT HEADLIGHT IN</p>
<p>E-05 HEADLIGHT OUT (RIGHT)</p> <p>AT HEADLIGHT OUT</p>	<p>E-06 HEADLIGHT IN (RIGHT)</p> <p>AT HEADLIGHT IN</p>	<p>E-07 SELECT INDICATOR ILLUMINATION LIGHT (A/T ONLY)</p> <p>NEAR INHIBITOR SWITCH</p>	<p>E-08 PANEL LIGHT RESISTOR</p> <p>BEHIND METER SET RIGHT</p>
<p>G-02 RADIO</p> <p>AT RADIO</p>			

• LIGHT SYSTEM

• HORN

F

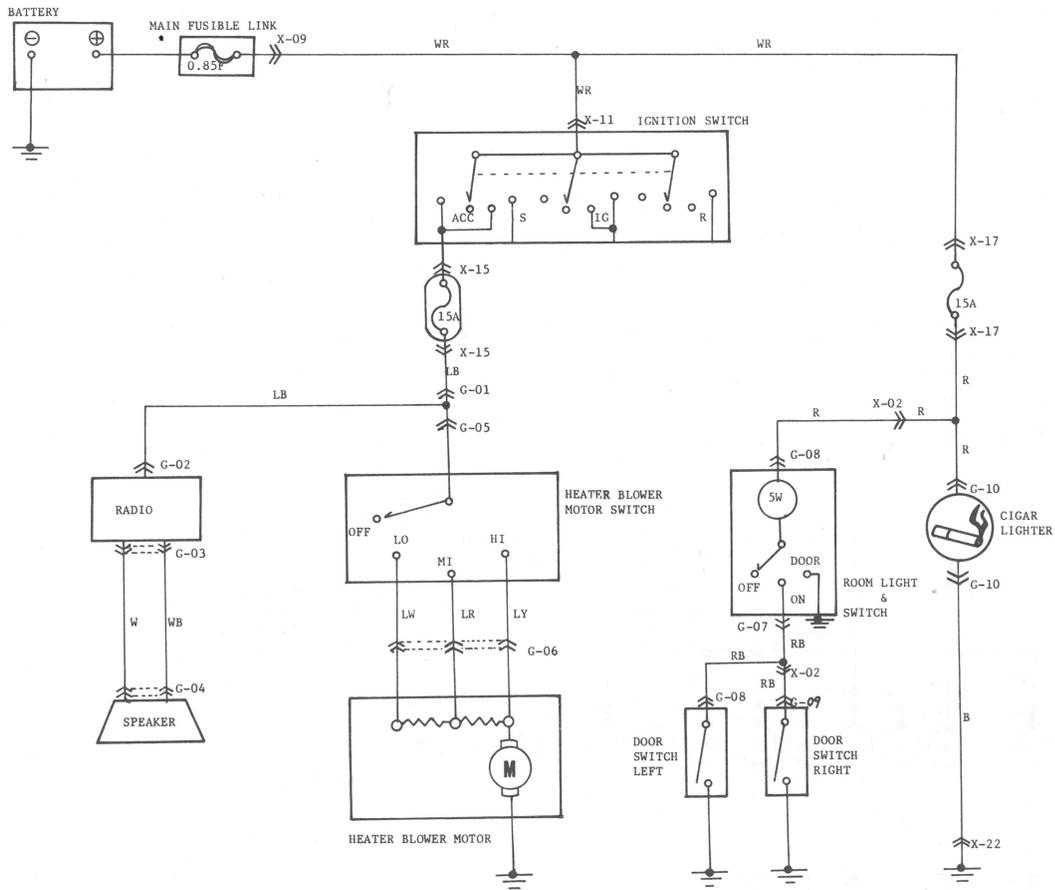


<p>F-01 BACK-UP LIGHT (LEFT)</p> <p>BEHIND BACK-UP LIGHT</p>	<p>F-02 BACK-UP LIGHT (RIGHT)</p> <p>BEHIND BACK-UP LIGHT</p>	<p>F-03 TURN SIGNAL RELAY</p> <p>UNDER DASHBOARD LEFT</p>	<p>F-04 TURN SIGNAL RELAY</p> <p>UNDER DASHBOARD LEFT</p>
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<p>F-09 REAR COMBINATION LIGHT (LEFT)</p> <p>BEHIND REAR COMBINATION LIGHTS</p>	<p>F-10 LICENCE LIGHT</p> <p>BEHIND LICENCE LIGHT</p>	<p>F-11 REAR COMBINATION LIGHT (RIGHT)</p> <p>BEHIND REAR COMBINATION LIGHTS</p>	<p>F-12 FRONT TURN SIGNAL & MARKER LIGHT (LEFT)</p> <p>BEHIND HEADLIGHT</p>
<p>F-13 FRONT TURN SIGNAL & MARKER LIGHT (RIGHT)</p> <p>BEHIND HEADLIGHT</p>	<p>F-14 FRONT SIDE MARKER LIGHT</p> <p>BEHIND HEADLIGHT</p>	<p>F-15 FRONT SIDE MARKER LIGHT</p> <p>BEHIND HEADLIGHT</p>	

G

- HEATER SYSTEM
- CIGAR LIGHTER

- ROOM LIGHT
- RADIO



G-01 CONNECTOR TO IGNITION SWITCH NEAR STEERING COLUMN SHAFT	G-02 RADIO AT RADIO	G-03 RADIO AT RADIO	G-04 SPEAKER AT SPEAKER
G-05 HEATER BLOWER MOTOR SWITCH BEHIND METER SET	G-06 HEATER BLOWER MOTOR NEAR BLOWER MOTOR	G-07 ROOM LIGHT BEHIND ROOM LIGHT	G-08 DOOR SWITCH (LEFT) BEHIND BACK SEAT LEFT
G-09 DOOR SWITCH (RIGHT) BEHIND BACK SEAT RIGHT	G-10 CIGAR LIGHTER BEHIND METER SET RIGHT		

<p>X-01 CONNECTOR TO ENGINE HARNESS</p> <p>ON LEFT FRONT FENDER</p>	<p>X-02 CONNECTOR TO SEAT BELT HARNESS</p> <p>UNDER DASHBOARD CENTER</p>	<p>X-03 C.C. UNIT</p> <p>UNDER DASHBOARD LEFT END</p>	<p>X-04 COMBINATION SWITCH</p> <p>IN STEERING COLUMN COVER</p>
<p>X-05 CONNECTOR TO REAR HARNESS</p> <p>BEHIND BACK SEAT LEFT</p>	<p>X-06 COMBINATION SWITCH</p> <p>IN STEERING COLUMN COVER</p>	<p>X-07 COMBINATION METER</p> <p>AT METER SET</p>	<p>X-08 COMBINATION METER</p> <p>AT METER SET</p>
<p>X-09 MAIN FUSIBLE LINK</p> <p>AT MAIN FUSIBLE LINK</p>	<p>X-10 COMBINATION SWITCH</p> <p>IN STEERING COLUMN COVER</p>	<p>X-11 IGNITION HARNESS</p> <p>RIGHT OF STEERING COLUMN SHAFT</p>	<p>X-12 FUSIBLE LINK</p> <p>RIGHT OF STEERING COLUMN SHAFT</p>
<p>X-13 FUSIBLE LINK</p> <p>RIGHT OF STEERING COLUMN SHAFT</p>	<p>X-14 FUSE HOLDER</p> <p>RIGHT OF STEERING COLUMN SHAFT</p>	<p>X-15 FUSE HOLDER</p> <p>RIGHT OF STEERING COLUMN SHAFT</p>	<p>X-16 CONNECTOR TO IGNITION SWITCH</p> <p>RIGHT OF STEERING COLUMN SHAFT</p>
<p>X-17 FUSE BLOCK</p> <p>LEFT REAR CORNER OF ENGINE ROOM</p>		<p>X-18 CONNECTOR TO INHIBITOR SWITCH</p> <p>UNDER DASHBOARD LEFT</p>	<p>X-19 INHIBITOR SWITCH (A/T ONLY)</p> <p>AT INHIBITOR SWITCH</p>
<p>X-20 CONNECTOR TO HEATER SWITCH</p> <p>IN STEERING COLUMN COVER</p>	<p>X-21 EARTH</p> <p>AT FUEL PUMP COVER</p>	<p>X-22 EARTH</p> <p>UNDER DASHBOARD LEFT</p>	<p>X-23 EARTH</p> <p>AT ALTERNATOR</p>

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LOCATION	QUANTITY	DLR
9999 95 011G	77	47041
PART NUMBER		INVOICE

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