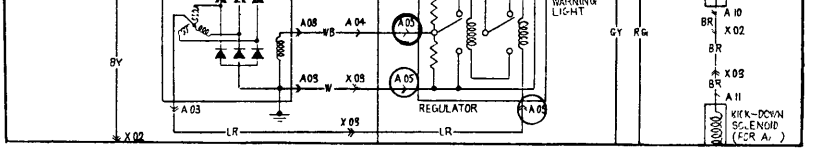
Wiring Diagram 1976

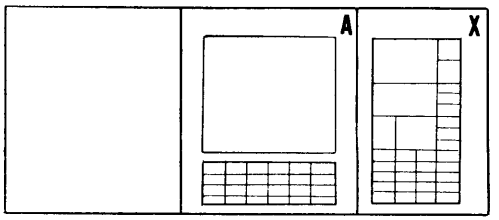
Mazda Rotary Pickup

Federal Spec

mazda

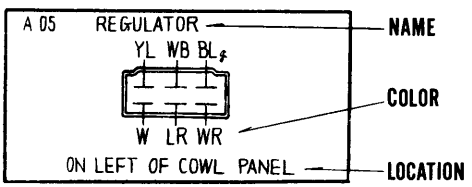


3 THEN LOOK UP THE NUMBER IN THE CONNECTOR LIST,
THE NUMBERS WHICH START WITH "X" ARE LISTED IN THE LAST PAGE. REST OF THEM ARE AT THE BOTTOM OF EACH PAGE "A" "B" "C" -----.



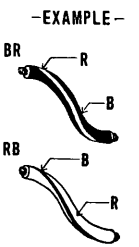
4 THE CONNECTOR LISTS SHOW

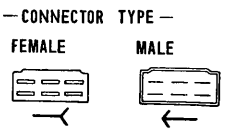
- SHAPE OF CONNECTOR
- LOCATION OF CONNECTOR
- COLORS OF WIRES



—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



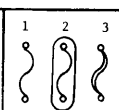
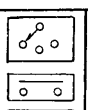


This booklet has two INDEXES, i.e.,

- 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

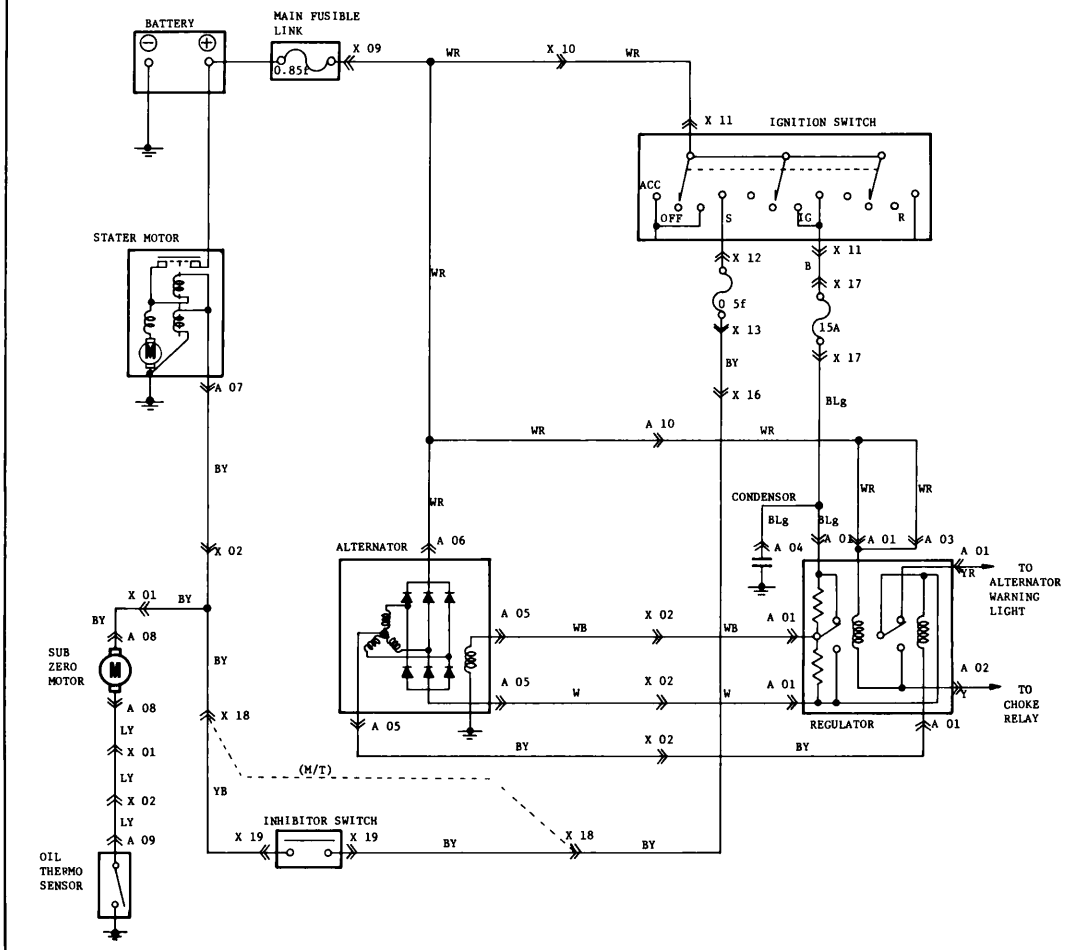
PAGE	SUB SYSTEM
A	STARTING SYSTEM
	CHARGING SYSTEM
	SUB ZERO SYSTEM
	INHIBITOR SWITCH
B	IGNITION SYSTEM
	EMISSION CONTROL SYSTEM
	KICK-DOWN SYSTEM
	FUEL PUMP
C	METER SYSTEM
	WARNING LIGHT SYSTEM
	SEAT BELT WARNING SYSTEM
D	SCREEN WIPER SYSTEM
E	HEADLIGHT SYSTEM
	ILLUMINATION LIGHT SYSTEM
F	LIGHT SYSTEM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

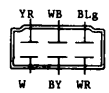
COMPONENT	PAGE	LOCATION
AIR CONTROL VALVE	B	ON INTAKE MANIFOLD
ALTERNATOR	A	ABOVE ENGINE
ALTERNATOR WARNING LIGHT	C	AT COMBINATION METER
ANTI AFTERBURN VALVE (D.C.V)	B	ABOVE ENGINE
BACK-UP LIGHT	F	AT REAR BOX
BACK-UP LIGHT SWITCH	F	AT TRANSMISSION
BATTERY	A~G	UNDER RIGHT FRONT OF BOX
BRAKE FAILURE SWITCH	C	ON COWL PLATE RIGHT
BRAKE WARNING LIGHT	C	ON DASHBOARD
CARBURETOR HEATER	B	AT CARBURETOR
CENTRAL CONTROL UNIT		UNDER DASHBOARD LEFT END
FLASHER RELAY	F	
HORN RELAY	F	
WIPER RELAY	D	
CHOKE MAGNET	B	BEHIND CHOKE KNOB
CHOKE RELAY	B	ON LEFT FRONT FENDER APRON
CHOKE SWITCH	B	BEHIND CHOKE KNOB
CIGAR LIGHTER	G	ON DASHBOARD
COASTING VALVE (D.C.V)	B	ABOVE ENGINE
COMBINATION SWITCH		UNDER STEERING WHEEL
DIMMER SWITCH	E,F	
HAZARD & FLASHER SWITCH	F	
LIGHT SWITCH	E,F	
PASSING & HIGH BEAM SWITCH	E,F	
TURN SIGNAL LIGHT SWITCH	F	
SCREEN WASHER SWITCH	D	
SCREEN WIPER SWITCH	D	
COOLANT LEVEL SWITCH	C	ON LEFT FRONT FENDER APRON
COOLANT LEVEL WARNING LIGHT	C	AT COMBINATION METER
DISTRIBUTOR	B	AT ENGINE
DOOR SWITCH	G	AT BOTTOM OF BOTH REAR PILLAR
EMISSION CONTROL BOX	B	BEHIND PASSENGER SEAT
EXTERNAL RESISTOR	B	AT IGNITION COIL
FUEL GAUGE	C	AT COMBINATION METER
FUEL GAGE TANK UNIT	C	AT FUEL TANK
FUEL PUMP	B	AT RIGHT OF FUEL TANK
FUSE BOX		LEFT REAR CORNER OF ENGINE ROOM
EMI, IG.COIL	B	
REGULATOR	A	
BACK, TURN	C,F	
HORN, STOP, HAZARD	F	
ROOM, CIGAR	G	
TAIL	E,F	
HEADLIGHT HL RH	E	
LH	E	
HU RH	E	
LH	E	
FUSE HOLDER		
EMISSION CONTROL BOX	B	NEAR EMISSION CONTROL BOX
HEATER, RADIO	G	RIGHT OF STEERING COLUMN SHAFT
SCREEN WIPER	D	RIGHT OF STEERING COLUMN SHAFT
FUSIBLE LINK		
STATER MOTOR	A	RIGHT OF STEERING COLUMN SHAFT
IGNITION COIL	B	RIGHT OF STEERING COLUMN SHAFT

COMPONENT	PAGE	LOCATION
HEADLIGHT	E	AT FRONT OF CABIN
HEATER BLOWER MOTOR	G	UNDER DASHBOARD
HEATER BLOWER MOTOR SWITCH	G	ON DASHBOARD
HEAT HAZARD SENSOR	B	UNDER PASSENGER SEAT
HEAT HAZARD WARNING LIGHT	B	ON DASHBOARD
HIGH BEAM INDICATOR LIGHT	E	AT COMBINATION METER
HORN	F	BEHIND BOTH HEADLIGHT
HORN SWITCH	F	CENTER OF STEERING WHEEL
IDLE SWITCH	B	AT CARBURETOR
IGNITION COIL	B,C	ON LEFT FRONT FENDER APRON
IGNITION RELAY	B	ON LEFT FRONT FENDER APRON
IGNITION SWITCH	A~D,F,G	UNDER STEERING WHEEL
ILLUMINATION LIGHT		
HEATER	C	AT HEATER
METER	C	AT COMBINATION METER
RADIO	C	AT RADIO
SELECT INDICATOR (A/T only)	C	AT MANUAL SELECT LEVER
INHIBITOR SWITCH (A/T only)	A,F	AT MANUAL SELECT LEVER
KICK-DOWN SWITCH (A/T only)	B	ABOVE ACCELERATOR PEDAL
KICK-DOWN SOLENOID (A/T only)	B	AT TRANSMISSION
LICENCE LIGHT	F	AT REAR OF BOX
MAIN FUSIBLE LINK	A~G	BEHIND PASSENGER SEAT
MARKER LIGHT		
FRONT	F	AT BOTH SIDE OF FRONT BUMPER
FRONT SIDE	F	AT BOTH SIDE OF FRONT FENDER
REAR SIDE	F	AT BOTH SIDE OF BOX
OIL LEVEL SWITCH	C	AT OIL PAN
OIL LEVEL WARNING LIGHT	C	AT COMBINATION METER
OIL THERMO SENSOR	A	AT OIL PAN
PANEL LIGHT RESISTOR	E	ON DASHBOARD
PARKING BRAKE SWITCH	C	AT FRONT OF PARKING BRAKE ROD
POWER VALVE (A/T only)	B	AT CARBURETOR
RADIO	G	ON DASHBOARD
REGULATOR	A~C	ON LEFT FRONT FENDER APRON
RETARD RELAY	B,C	ON LEFT FRONT FENDER APRON
ROOM LIGHT	G	INSIDE OF LEFT REAR PILLAR
SCREEN WASHER MOTOR	D	ON LEFT FRONT FENDER APRON
SCREEN WIPER MOTOR	D	ON UPPER COWL CENTER
SEAT BELT SWITCH	C	UNDER PASSENGER SEAT
SEAT BELT TIMER	C	UNDER DASHBOARD
SEAT BELT WARNING BUZZER	C	UNDER DASHBOARD
SEAT BELT WARNING LIGHT	C	FRONT CENTER OF ROOF
SPEAKER	G	ON DASHBOARD
STARTER MOTOR	A,B	AT ENGINE
STOP LIGHT SWITCH	F	ABOVE BRAKE PEDAL
STOP, TURN SIGNAL & MARKER LIGHT	F	AT REAR OF BOX
SUB ZERO MOTOR	A	ON RIGHT FRONT FENDER APRON
TACHOMETER	C	AT COMBINATION METER
TURN SIGNAL LIGHT		
FRONT	F	AT BOTH SIDE OF FRONT BUMPER
INDICATOR	F	AT COMBINATION METER
TURN SIGNAL RELAY	F	UNDER DASHBOARD LEFT
WATER TEMPERATURE GAUGE	C	AT COMBINATION METER
WATER TEMPERATURE GAUGE UNIT	C	ON ENGINE
WATER THERMO SWITCH	B	AT LEFT REAR OF ENGINE

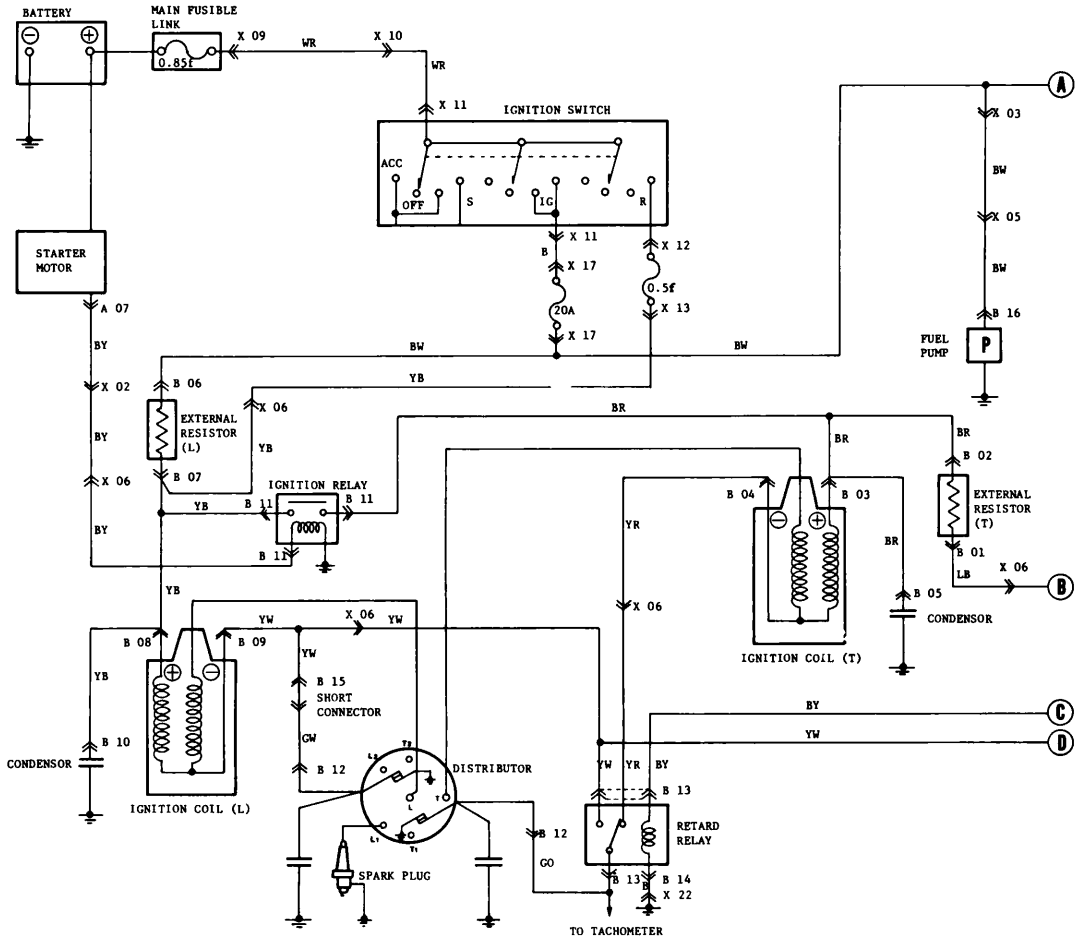
• STARTING SYSTEM • CHARGING SYSTEM
• SUB ZERO SYSTEM • INHIBITOR SWITCH

A



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

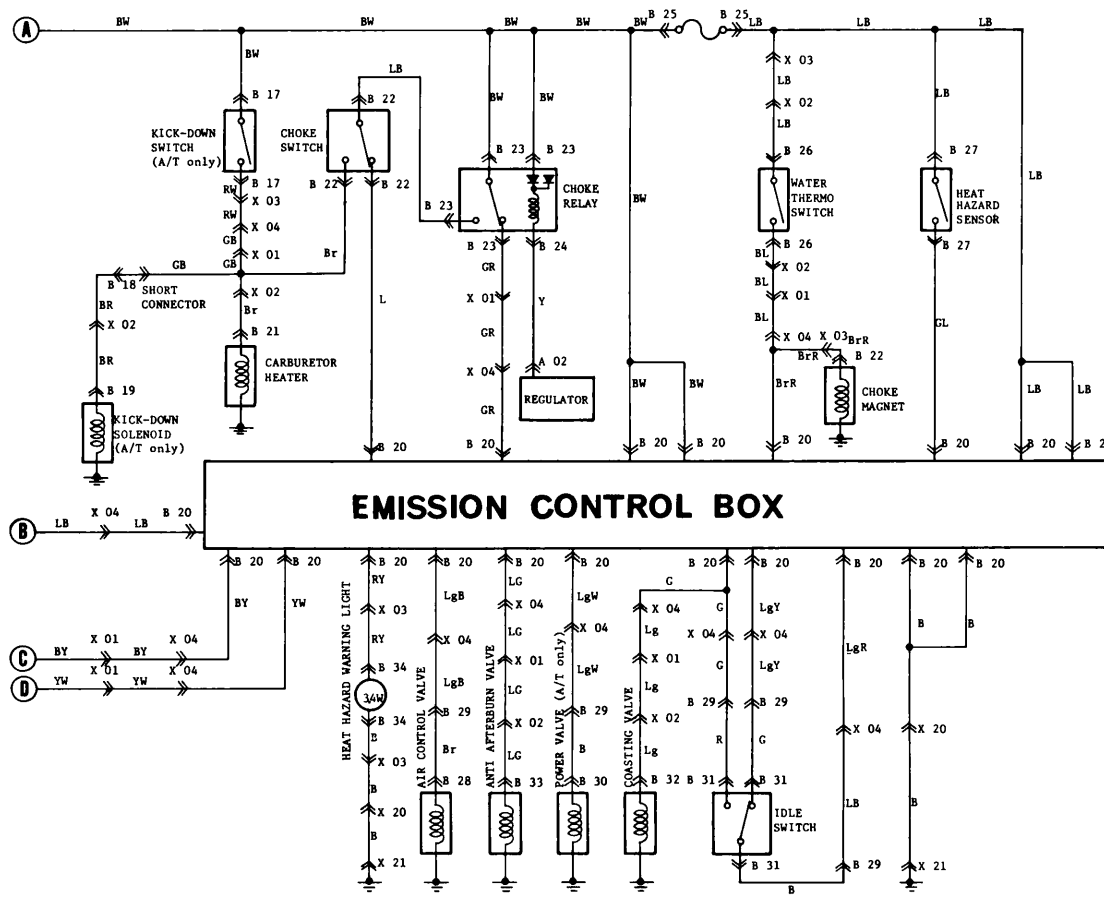
• IGNITION SYSTEM
• FUEL PUMP



B 01 EXTERNAL RESISTOR (T) AT EXTERNAL RESISTOR	B 02 EXTERNAL RESISTOR (T) AT EXTERNAL RESISTOR	B 03 ⊕ TERMINAL OF IGNITION COIL (T) AT IGNITION COIL	B 04 ⊖ TERMINAL OF IGNITION COIL AT IGNITION COIL	B 05 CONDENSOR NEAR DISTRIBUTOR	B 06 EXTERNAL RESISTOR AT EXTERNAL RESISTOR
B 07 EXTERNAL RESISTOR AT EXTERNAL RESISTOR	B 08 ⊕ TERMINAL OF IGNITION COIL (L) AT IGNITION COIL	B 09 ⊖ TERMINAL OF IGNITION COIL (L) AT IGNITION COIL	B 10 CONDENSOR NEAR IGNITION COIL	B 11 IGNITION RELAY LEFT FRONT FENDER APRON	B 12 CONNECTOR TO DISTRIBUTOR NEAR DISTRIBUTOR
B 13 RETARD RELAY AT RETARD RELAY	B 14 RETARD RELAY AT RETARD RELAY	B 15 SHORT CONNECTOR NEAR RETARD RELAY	B 16 FUEL PUMP NEAR FUEL PUMP	B 17 KICK-DOWN SWITCH ABOVE ACCELERATOR PEDAL	B 18 SHORT CONNECTOR NEAR RETARD RELAY
B 19 KICK DOWN SOLENOID NEAR LEFT OF CLUTCH HOUSING	B 20 EMISSION CONTROL BOX BEHIND BACK SEAT RIGHT		B 21 CARBURETOR HEATER NEAR ALTERNATOR	B 22 CHOKE SWITCH NEAR CHOKE SWITCH	B 23 CHOKE RELAY AT CHOKE RELAY
B 24 CHOKE RELAY AT CHOKE RELAY	B 25 FUSE HOLDER NEAR EMISSION CONTROL BOX	B 26 WATER THERMO SWITCH ON FRONT ROTOR HOUSING	B 27 HEAT HAZARD SENSOR NEAR EMISSION CONTROL BOX	B 28 AIR CONTROL VALVE NEAR AIR PUMP	B 29 CONNECTOR TO CARB HARNESS ON RIGHT FRONT FENDER
B 30 POWER VALVE NEAR AIR PUMP	B 31 IDLE SWITCH NEAR AIR PUMP	B 32 COASTING VALVE ON REAR ROTOR HOUSING	B 33 ANTI AFTERBURN VALVE ON REAR ROTOR HOUSING	B 34 HEAT HAZARD WARNING LIGHT BEHIND METER SET RIGHT	

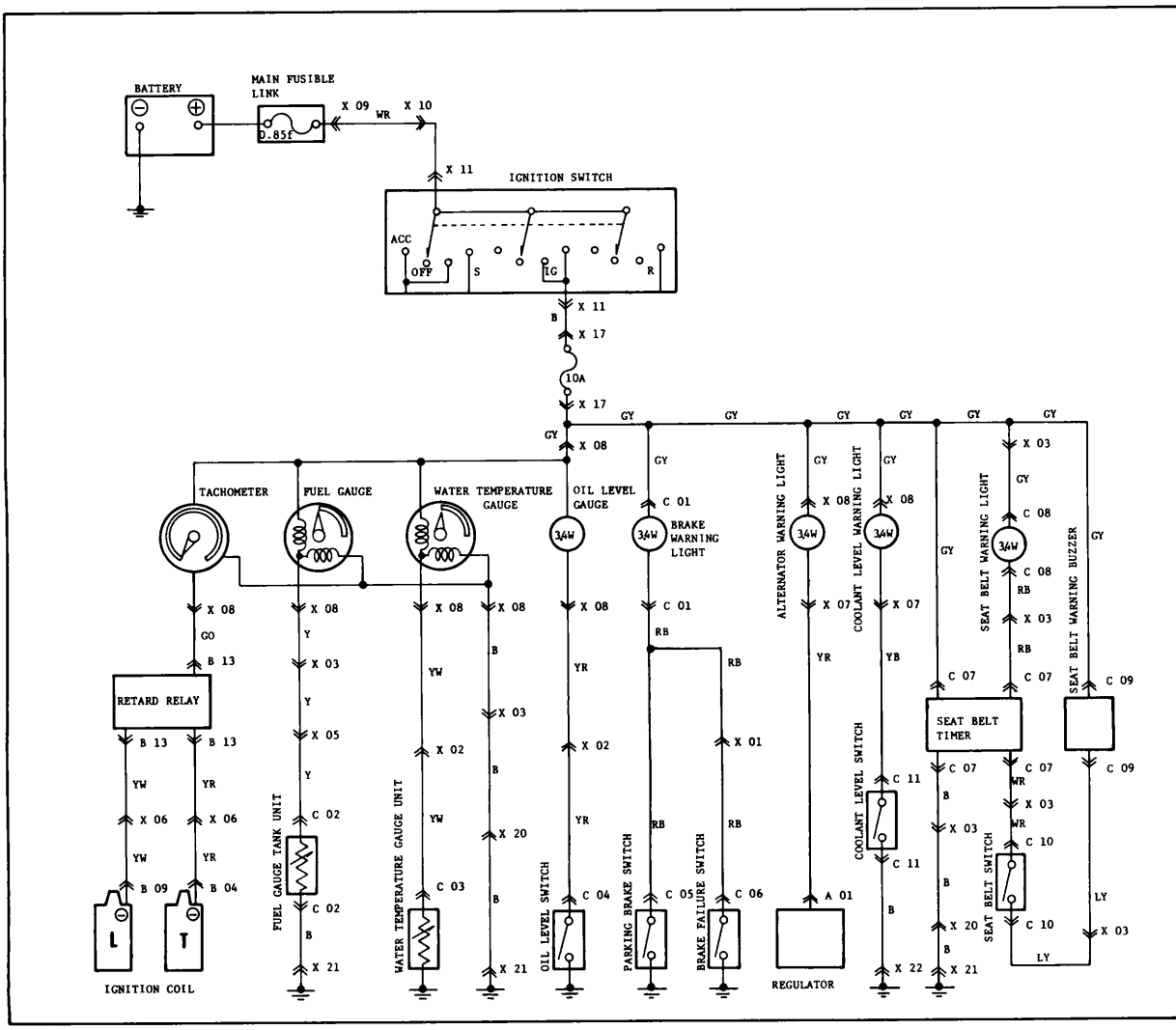
• EMISSION CONTROL SYSTEM
• KICK-DOWN SYSTEM

B



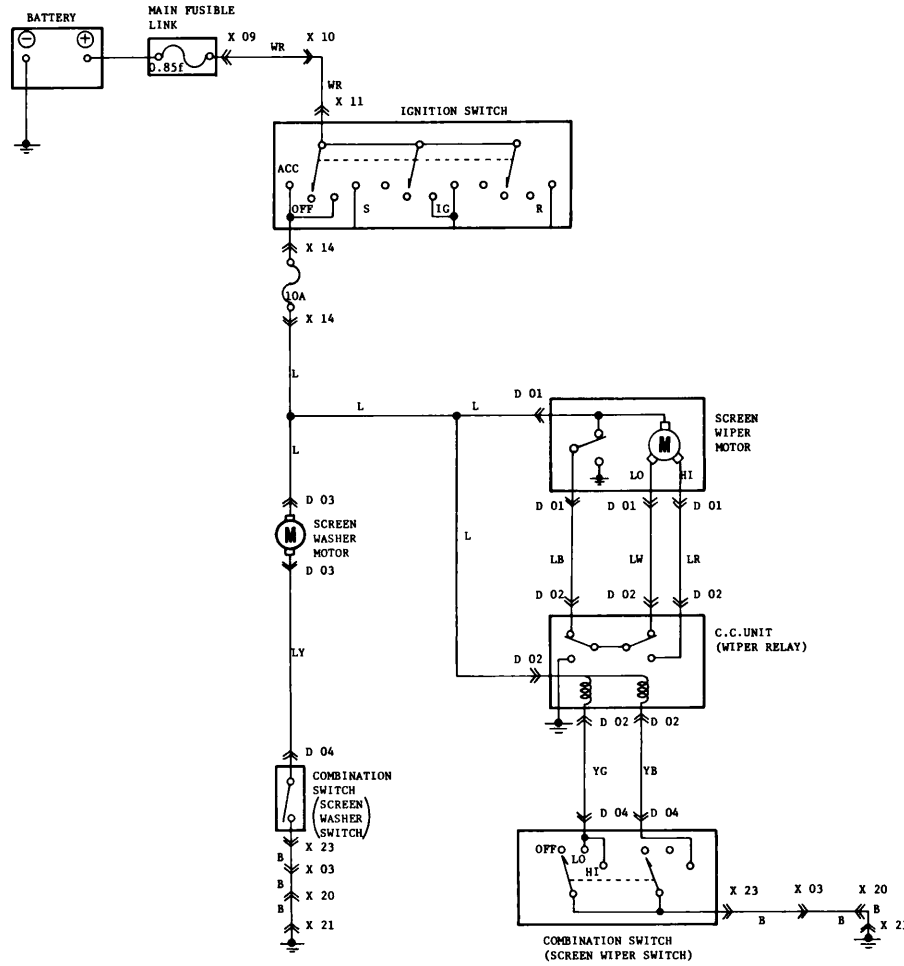
C

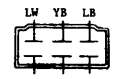
• METER SYSTEM • SEAT BELT WARNING SYSTEM
• WARNING LIGHT SYSTEM



C 01 BRAKE WARNING LIGHT RB GY BEHIND METER SET RIGHT	C 02 FUEL GAUGE TANK UNIT Y B AT FUEL TANK	C 03 WATER TEMPERATURE GAUGE UNIT YW LEFT SIDE OF REAR HOUSING	C 04 OIL LEVEL SWITCH YR LEFT UNDER OF INTERMEDIATE HOUSING
C 05 PARKING BRAKE SWITCH RB NEAR TURN SIGNAL RELAY	C 06 BRAKE FAILURE SWITCH RB AT BRAKE FAILURE SWITCH	C 07 SEAT BELT TIMER GY WR RB B UNDER DASHBOARD RIGHT	C 08 SEAT BELT WARNING LIGHT GY RB BEHIND BACK SEAT LEFT
C 09 SEAT BELT WARNING BUZZER GY LY UNDER DASHBOARD LEFT	C 10 SEAT BELT SWITCH WR LY BEHIND BACK SEAT LEFT	C 11 COOLANT LEVEL SWITCH B YB ON LEFT FRONT FENDER APRON	A 01 REGULATOR YR WB BLg W BY WR NEAR REGULATOR
B 04 ⊖ TERMINAL OF IGNITION COIL (T) YR AT IGNITION COIL	B 09 ⊖ TERMINAL OF IGNITION COIL (L) YW AT IGNITION COIL	B 13 RETARD RELAY YR YW BY GO AT RETARD RELAY	

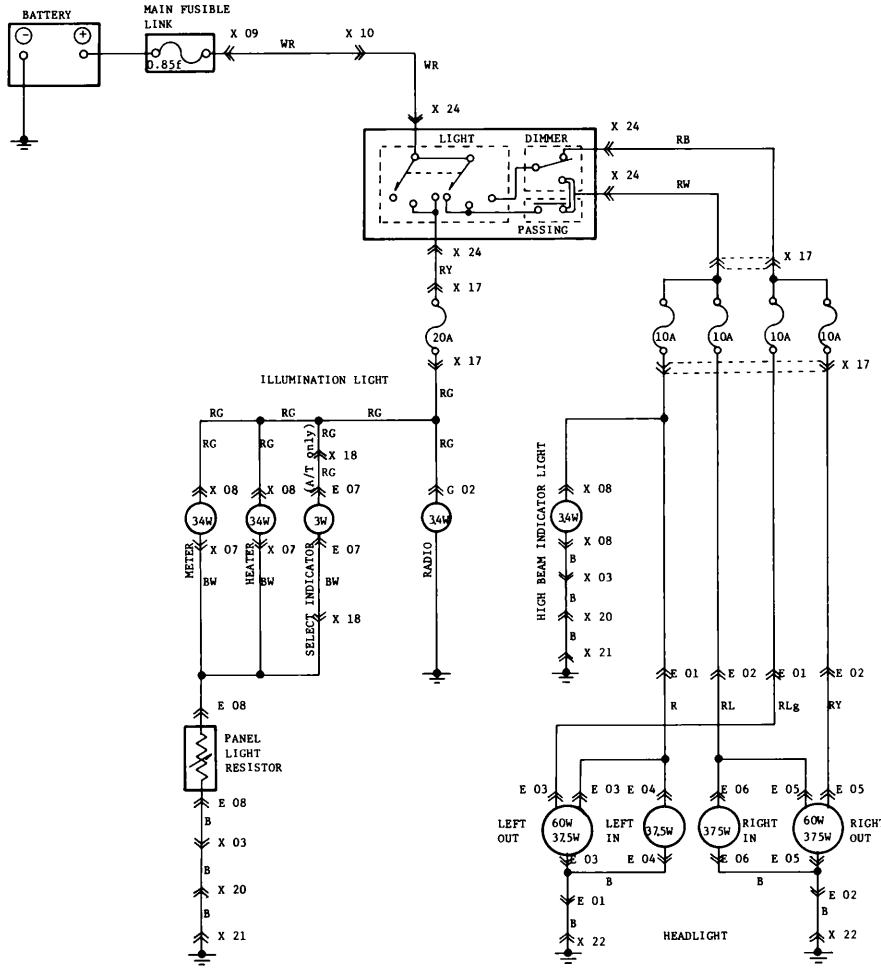
• SCREEN WIPER SYSTEM



D 01 SCREEN WIPER MOTOR	D 02 C.C.UNIT (WIPER RELAY)	D 03 SCREEN WASHER MOTOR	D 04 COMBINATION SWITCH
 NEAR SCREEN WIPER MOTOR	 UNDER DASHBOARD LEFT END	 AT SCREEN WASHER MOTOR	 IN STEERING COLUMN COVER

E

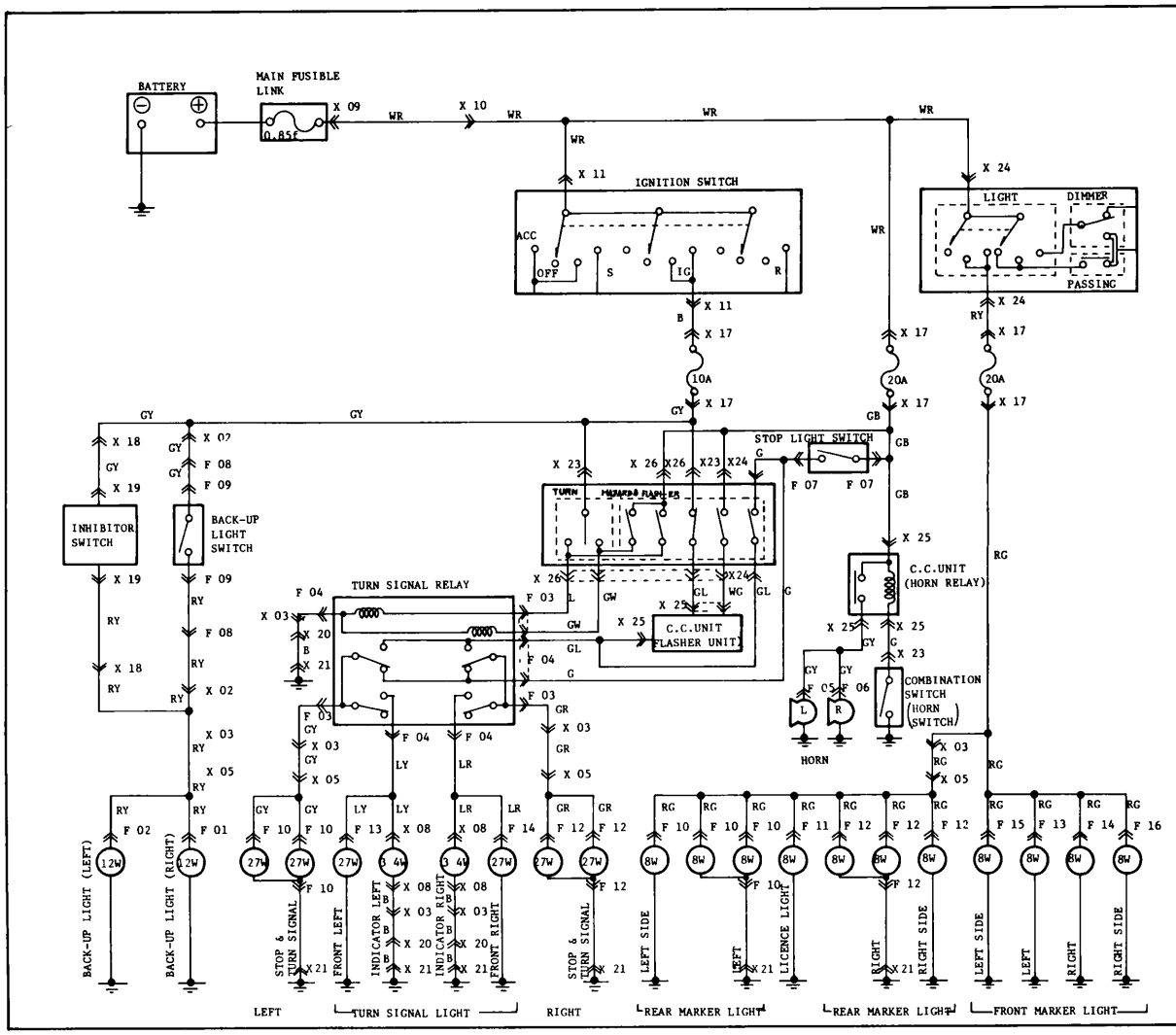
• HEADLIGHT SYSTEM • ILLUMINATION LIGHT SYSTEM



E 01 CONNECTOR TO HEADLIGHT (LEFT) RLg, B, R ON LEFT FRONT FENDER	E 02 CONNECTOR TO HEADLIGHT (RIGHT) RY, B, RL ON RIGHT FRONT FENDER	E 03 HEADLIGHT OUT (LEFT) RLg, R, B AT HEADLIGHT OUT	E 04 HEADLIGHT IN (LEFT) R, B AT HEADLIGHT IN
E 05 HEADLIGHT OUT (RIGHT) RY, RL, B AT HEADLIGHT OUT	E 06 HEADLIGHT IN (RIGHT) RL, B AT HEADLIGHT IN	E 07 SELECT INDICATOR ILLUMINATION LIGHT (A/T only) RG, BW NEAR INHIBITOR SWITCH	E 08 PANEL LIGHT RESISTOR BW, B BEHIND METER SET RIGHT
G 02 RADIO LB, RG AT RADIO			

• LIGHT SYSTEM • HORN

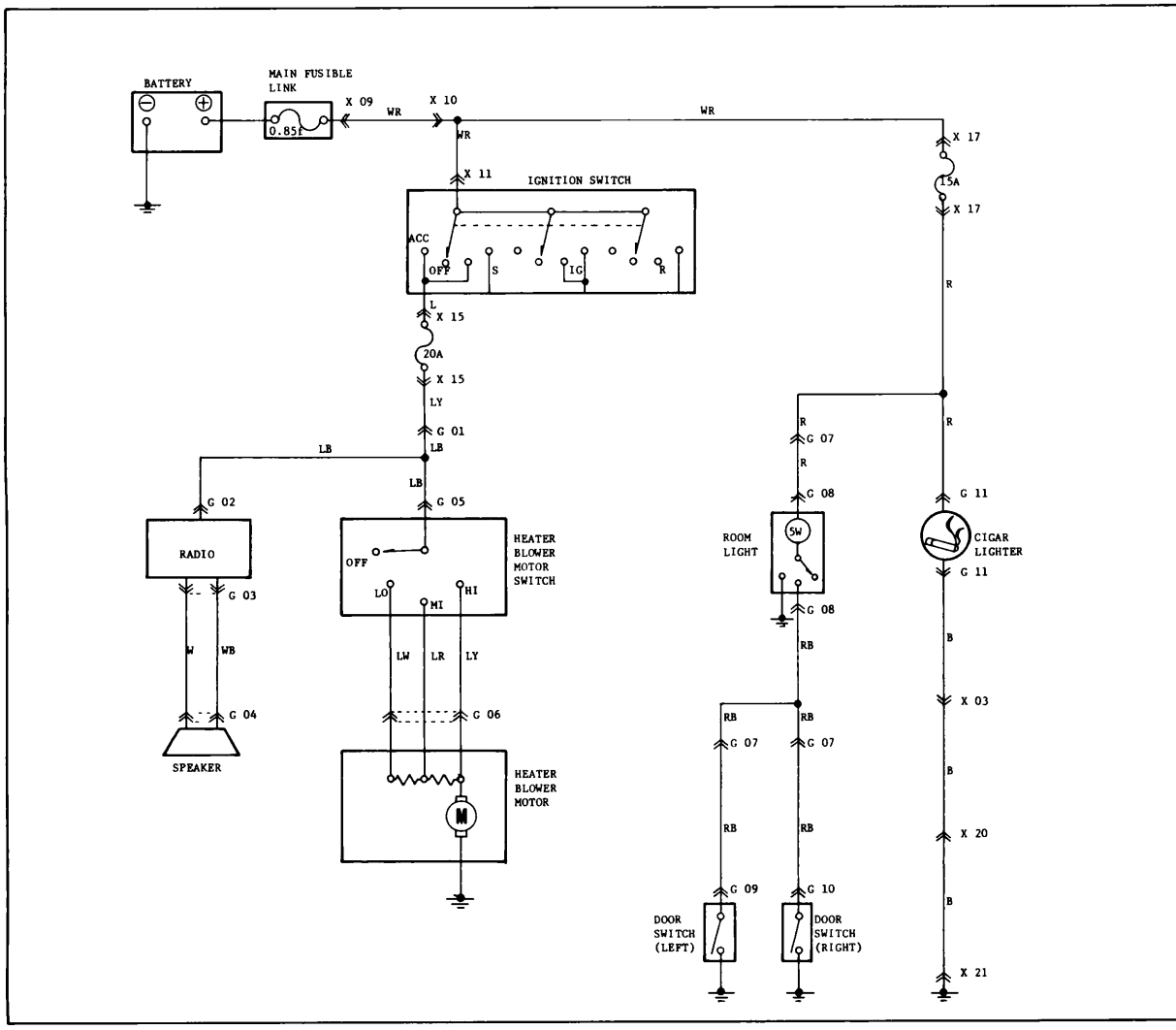
F



F 01 BACK-UP LIGHT (LEFT) RY BEHIND BACK-UP LIGHT	F 02 BACK-UP LIGHT (RIGHT) RY BEHIND BACK-UP LIGHT	F 03 TURN SIGNAL RELAY GY L GR GW UNDER DASHBOARD LEFT	F 04 TURN SIGNAL RELAY G B LR GL LY UNDER DASHBOARD LEFT
F 05 HORN (LEFT) GY BEHIND HEADLIGHT	F 06 HORN (RIGHT) GY BEHIND HEADLIGHT	F 07 STOP LIGHT SWITCH GB G ABOVE BRAKE PEDAL	F 08 CONNECTOR TO BACK-UP LIGHT SWITCH GY RY GY RY NEAR OIL FILTER
F 09 BACK-UP LIGHT SWITCH GY RY AT BACK-UP LIGHT SWITCH	F 10 REAR COMBINATION LIGHT (LEFT) RG GY RG GY B B BEHIND REAR COMBINATION LIGHT	F 11 LICENCE LIGHT RG BEHIND LICENCE LIGHT	F 12 REAR COMBINATION LIGHT (RIGHT) RG GR RG GR B B BEHIND REAR COMBINATION LIGHT
F 13 FRONT TURN SIGNAL & MARKER LIGHT (LEFT) LY RG BEHIND HEADLIGHT	F 14 FRONT TURN SIGNAL & MARKER LIGHT (RIGHT) LR RG BEHIND HEADLIGHT	F 15 FRONT SIDE MARKER LIGHT (LEFT) RG BEHIND HEADLIGHT	F 16 FRONT SIDE MARKER LIGHT (RIGHT) RG BEHIND HEADLIGHT

G

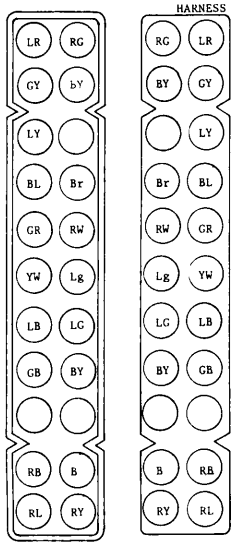
- HEATER SYSTEM
- CIGAR LIGHTER
- RADIO
- ROOM LIGHT



G 01 CONNECTOR TO IGNITION SWITCH LY LB RIGHT OF STEERING COLUMN SHAFT	G 02 RADIO LB RG AT RADIO	G 03 RADIO WB W AT RADIO	G 04 SPEAKER WB W AT SPEAKER
G 05 HEATER BLOWER MOTOR SWITCH LB BEHIND METER SET RIGHT	G 06 HEATER BLOWER MOTOR LY LR LW NEAR BLOWER MOTOR	G 07 CONNECTOR TO ROOM LIGHT RB RB RB RB R R BEHIND BACK SEAT LEFT	G 08 ROOM LIGHT R RB BEHIND ROOM LIGHT
G 09 DOOR SWITCH (LEFT) RB BEHIND BACK SEAT	G 10 DOOR SWITCH (RIGHT) RB BEHIND BACK SEAT	G 11 CIGAR LIGHTER B R BEHIND METER SET RIGHT	

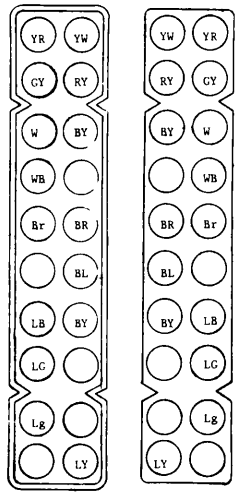
X

X 01 CONNECTOR TO RIGHT FRONT HARNESS



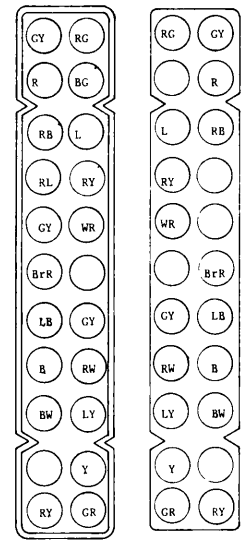
NEAR BRAKE FAILURE SWITCH

X 02 CONNECTOR TO ENGINE HARNESS



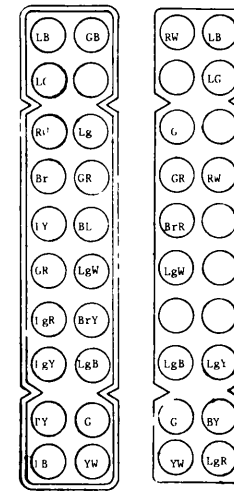
ON LEFT FRONT FENDER APRON

X 03 CONNECTOR TO EMISSION HARNESS



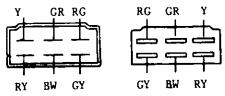
UNDER LEFT OF DASHBOARD

X 04 CONNECTOR TO EMISSION HARNESS



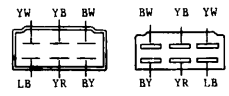
UNDER LEFT OF DASHBOARD

X 05 CONNECTOR TO REAR HARNESS



BEHIND BACK SEAT LEFT

X 06 CONNECTOR TO IGNITION HARNESS



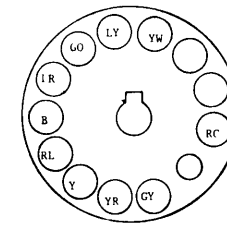
ON LEFT FRONT FENDER APRON

X 07 COMBINATION METER



AT METER SET

X 08 COMBINATION METER



AT METER SET

X 09 MAIN FUSIBLE LINK



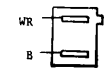
AT MAIN FUSIBLE LINK

X 10 CONNECTOR TO EMISSION HARNESS



UNDER LEFT OF DASHBOARD

X 11 IGNITION HARNESS



RIGHT OF STEERING COLUMN SHAFT

X 12 FUSIBLE LINK



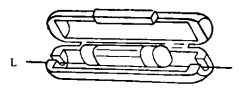
RIGHT OF STEERING COLUMN SHAFT

X 13 FUSIBLE LINK



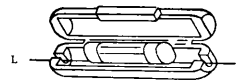
RIGHT OF STEERING COLUMN SHAFT

X 14 FUSE HOLDER



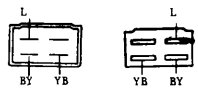
RIGHT OF STEERING COLUMN SHAFT

X 15 FUSE HOLDER



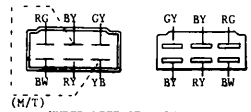
RIGHT OF STEERING COLUMN SHAFT

X 16 CONNECTOR TO IGNITION SWITCH



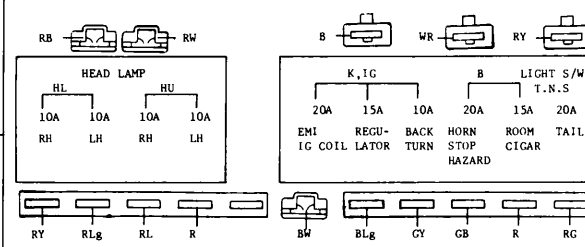
RIGHT OF STEERING COLUMN SHAFT

X 18 CONNECTOR TO INHIBITOR SWITCH



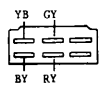
UNDER LEFT OF DASHBOARD

X 17 FUSE BOX



LEFT REAR CORNER OF ENGINE ROOM

X 19 INHIBITOR SWITCH (A/T only)



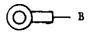
AT INHIBITOR SWITCH

X 20 CONNECTOR TO REAR HARNESS



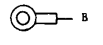
BEHIND BACK SEAT LEFT

X 21 EARTH



AT FUEL PUMP BRAKET

X 22 EARTH



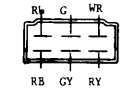
AT IGNITION COIL BRAKET

X 23 COMBINATION SWITCH



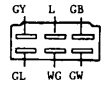
IN STEERING COLUMN COVER

X 24 COMBINATION SWITCH



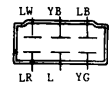
IN STEERING COLUMN COVER

X 25 COMBINATION SWITCH



IN STEERING COLUMN COVER

X 26 C.C.UNIT



UNDER DASHBOARD LEFT END

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PRINTED IN JAPAN AUG. '76
5520-10-76H, LE-F