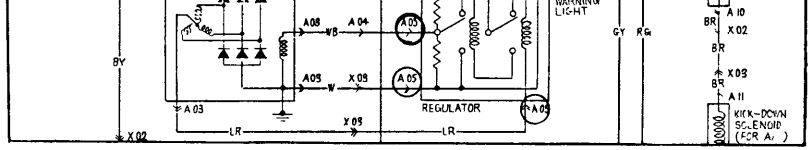
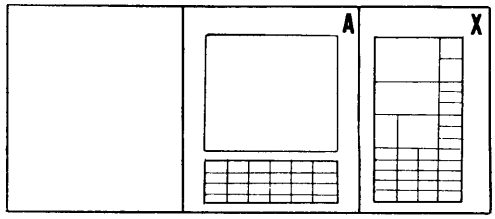
1977
Wiring Diagram

mazda

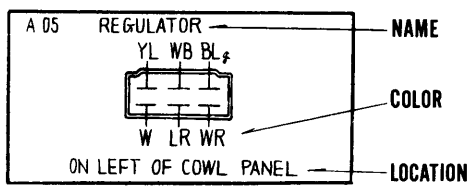


3 THEN LOOK UP THE NUMBER IN THE CONNECTOR LIST.
THE NUMBERS WHICH START WITH "X" ARE LISTED IN THE LAST PAGE. REST OF THEM ARE AT THE BOTTOM OF EACH PAGE "A" "B" "C" -----.



4 THE CONNECTOR LISTS SHOW

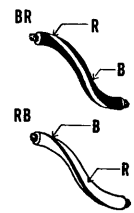
- SHAPE OF CONNECTOR
- LOCATION OF CONNECTOR
- COLORS OF WIRES



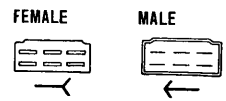
—WIRING CODE—

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

—EXAMPLE—



—CONNECTOR TYPE—

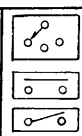


This booklet has two INDEXES, i.e.,

- 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

BATTERY ..... A-G

BRAKE FAILURE SWITCH C

BRAKE WARNING LIGHT C

CARBURETOR HEATER ..... B

CENTRAL CONTROL UNIT

FLASHER RELAY ..... F

HORN RELAY ..... F

CHOKE MAGNET ..... B

CHOKE RELAY ..... B

CHOKE SWITCH ..... B

CIGAR LIGHTER ..... G

COASTING VALVE(D.C.V.) ..... B

COMBINATION SWITCH

DIMMER SWITCH ..... E,F

HAZARD SWITCH ..... F

LIGHT SWITCH ..... E,F

PASSING & HIGH BEAM SWITCH ..... E,F

TURN SIGNAL LIGHT SWITCH ..... F

COOLANT LEVEL SWITCH C

COOLANT LEVEL WARNING LIGHT C
(ALTERNATOR WARNING LIGHT)

DISTRIBUTOR ..... B

DISTRIBUTOR RELAY ..... B

DOOR SWITCH ..... G

EMISSION CONTROL BOX ..... B

EXTERNAL RESISTOR ..... B

FUEL GAUGE C

FUEL GAUGE TANK UNIT C

FUEL PUMP ..... B

HEADLIGHT ..... E

HEATER BLOWER MOTOR ..... G

HEATER BLOWER MOTOR SWITCH ..... G

HEAT HAZARD SENSOR ..... B

HEAT WARNING LIGHT ..... B

HIGH BEAM INDICATOR LIGHT ..... E

HORN ..... E

HORN SWITCH ..... F

METER ..... E

RADIO ..... E

SELECT INDICATOR(FOR A/T) ..... E

INHIBITOR SWITCH(FOR A/T)..... A,B,F

KICK DOWN RELAY(FOR A/T) ..... B

KICK DOWN SOLENOID(FOR A/T) ..... B

KICK DOWN SWITCH(FOR A/T) ..... B

LICENSE LIGHT ..... F

MAIN FUSIBLE LINK ..... A-G

MARKER LIGHT

FRONT ..... F

FRONT SIDE ..... F

REAR SIDE ..... F

OIL LEVEL SWITCH C

OIL LEVEL WARNING LIGHT C

OIL THERMO SENSOR ..... A

PANEL LIGHT RESISTOR ..... E

PARKING BRAKE SWITCH C

RADIO ..... G

REGULATOR ..... A,B,C

RETARD RELAY ..... B,C

RICHER ..... B

ROOM LIGHT ..... G

SCREEN WASHER MOTOR ..... D

SCREEN WIPER MOTOR ..... D

SEAT BELT SWITCH C

SEAT BELT TIMER C

SEAT BELT WARNING BUZZER C

SEAT BELT WARNING LIGHT..... C

SHORT RELAY C

SOLENOID VALVE OF VACUUM CONTROL.. .... B
VALVE(FOR FEDERAL SPEC.)

SOLENOID VALVE A & B OF AIR CONTROL.... B
VALVE

SPEAKER ..... G

STARTER MOTOR ..... A

STOP LIGHT SWITCH ..... F

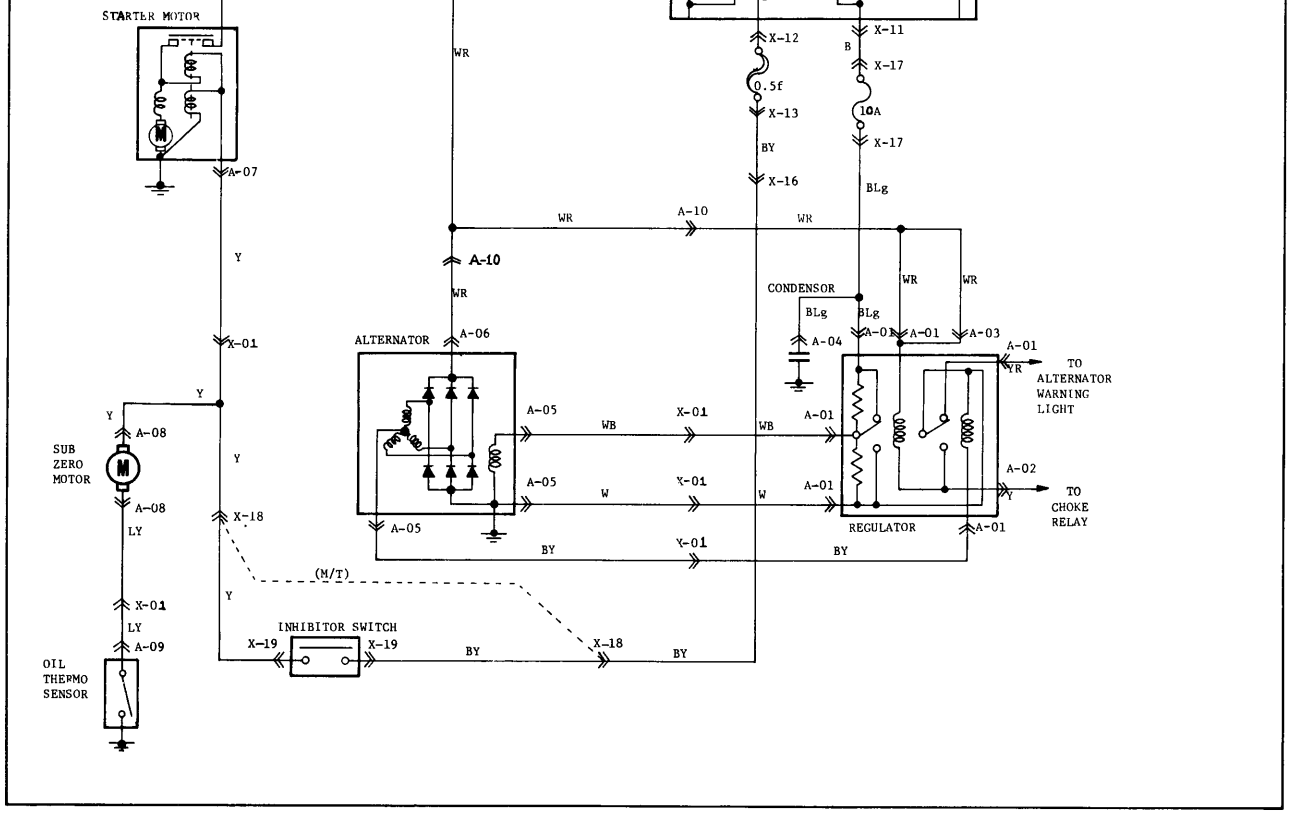
WATER TEMPERATURE GAUGE C

WATER TEMPERATURE GAUGE UNIT C

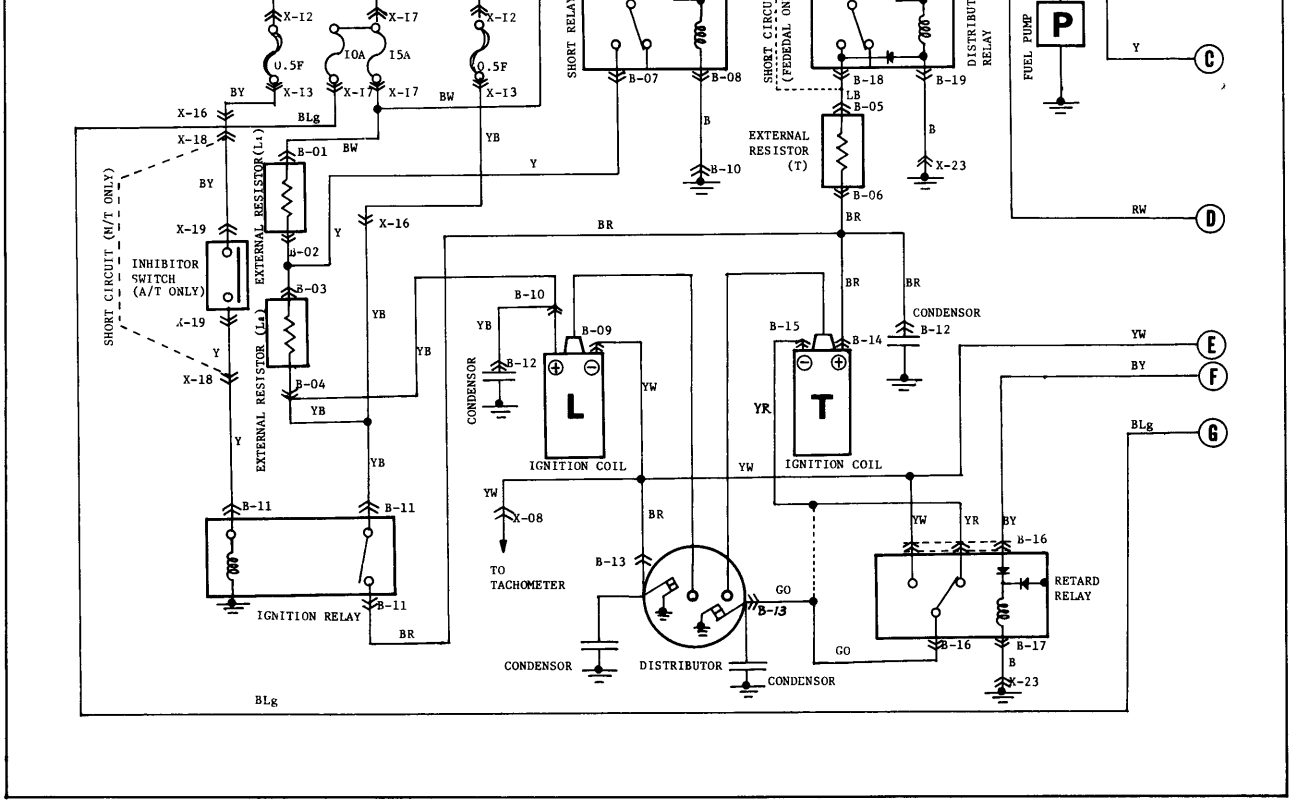
WATER THERMO SWITCH ..... B

WIPER SWITCH(COMBINATION SWITCH) ..... D

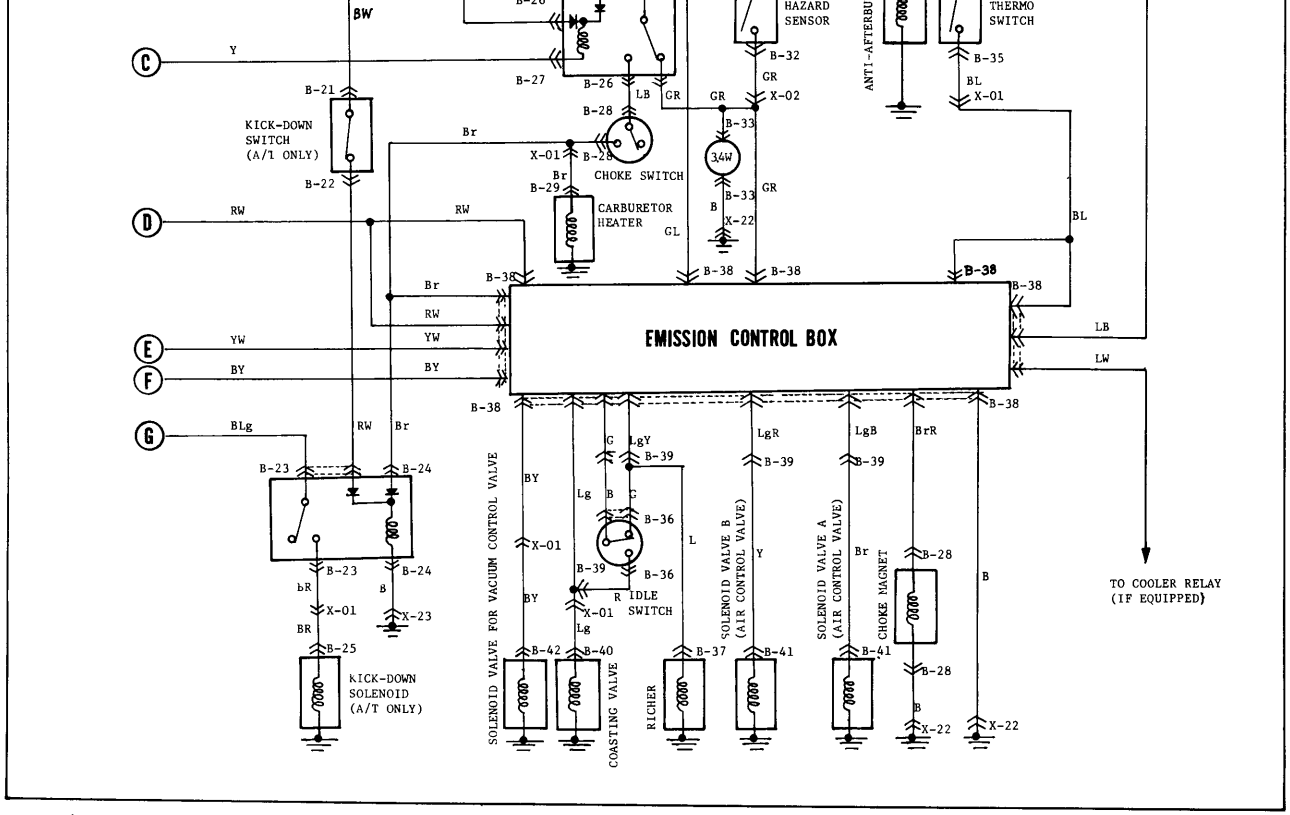
PAGE	SUB SYSTEM
A	STARTING SYSTEM
	CHARGING SYSTEM
	SUB-ZERO SYSTEM
	INHIBITOR SWITCH
B	IGNITION SYSTEM
	EMISSION CONTROL SYSTEM
	KICK DOWN SYSTEM
	FUEL PUMP
C	METER SYSTEM
	WARNING LIGHT SYSTEM
	SEAT BELT WARNING SYSTEM
D	SCREEN WIPER SYSTEM
E	HEAD LIGHT SYSTEM
	ILLUMINATION LIGHT SYSTEM
F	LIGHT SYSTEM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



A-01 REGULATOR YR WB BLg W BY WR NEAR REGULATOR	A-02 REGULATOR Y NEAR REGULATOR	A-03 REGULATOR WR NEAR REGULATOR	A-04 CONDENSOR BLg NEAR REGULATOR
A-05 ALTERNATOR W WB BY AT ALTERNATOR	A-06 ALTERNATOR WR AT ALTERNATOR	A-07 STATER MOTOR Y AT STATER MOTOR	A-08 SUB-ZERO MOTOR BY LY AT SUB-ZERO MOTOR
A-09 OIL THERMO SENSOR LY LEFT UNDER OF INTERMEDIATE HOUSING	A-10 CONNECTOR TO ENGINE HARNESS WR WR ON LEFT FRONT FENDER APRON		

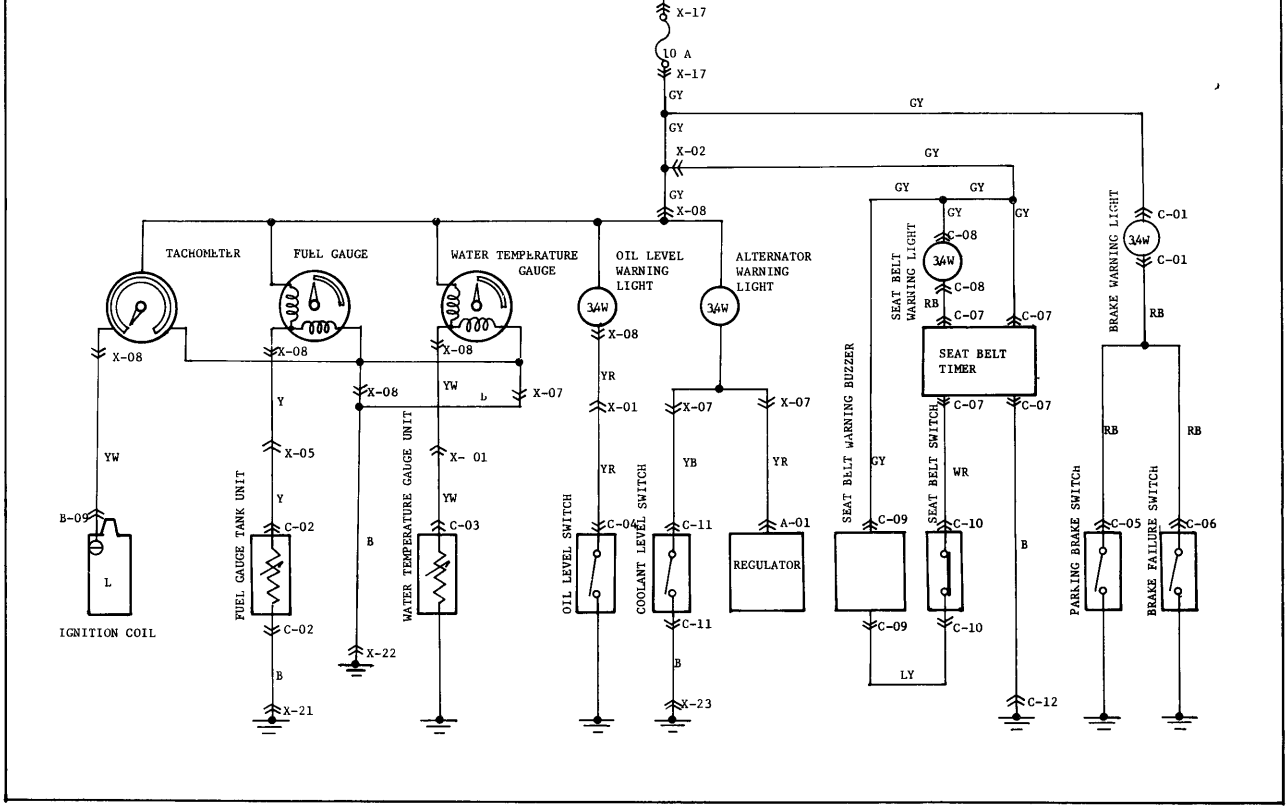


B-01 EXTERNAL RESISTOR(L1) BW AT IGNITION COIL	B-02 EXTERNAL RESISTOR(L2) Y AT IGNITION COIL	B-03 EXTERNAL RESISTOR(L3) Y AT IGNITION COIL	B-04 EXTERNAL RESISTOR(L4) YB YB AT IGNITION COIL	B 05 EXTERNAL RESISTOR(T) LB AT IGNITION COIL	B-06 EXTERNAL RESISTOR(T) BR AT IGNITION COIL
B-07 SHORT RELAY GL Y BW NEAR SHORT RELAY	B-08 SHORT RELAY B NEAR SHORT RELAY	B-09 ⊖TERMINAL OF IGNITION COIL (L) YW AT IGNITION COIL	B-10 ⊕ TERMINAL OF IGNITION COIL(L) YB AT IGNITION COIL	B-11 IGNITION RELAY BR YB Y AT IGNITION RELAY	B-12 CONDENSOR(L&T) YB(L) BR(T) NEAR EACH IGNITION COIL
B-13 CONNECTER OF DISTRIBUTOR GO BR AT IGNITION COIL	B-14 ⊕ TERMINAL OF IGNITION COIL (T) BR AT IGNITION COIL	B-15 ⊖TERMINAL OF IGNITION COIL (T) YR AT IGNITION COIL	B-16 RETARD RELAY YR BY YW GO NEAR RETARD RELAY	B-17 RETARD RELAY B NEAR RETARD RELAY	B-18 DISTRIBUTOR RELAY RW LB BW NEAR DISTRIBUTOR RELAY
B-19 DISTRIBUTOR RELAY B AT DISTRIBUTOR RELAY	B-20 FUEL PUMP BW NEAR FUEL PUMP				

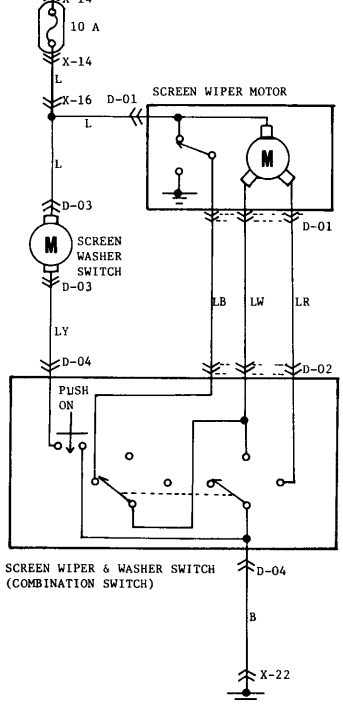


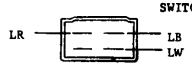
B 21 KICK DOWN SWITCH ABOVE ACCELERATOR PEDAL	B-22 KICK-DOWN SWITCH ABOVE ACCELERATOR PEDAL	B 23 KICK-DOWN RELAY ON LEFT FRONT FENDER APRON	B-24 KICK DOWN RELAY ON LEFT FRONT FENDER APRON	B-25 KICK DOWN SOLENOID AT KICK DOWN SOLENOID	B-26 CHOKE RELAY ON LEFT FRONT FENDER APRON
B-27 CHOKE RELAY ON LEFT FRONT FENDER APRON	B-28 CHOKE SWITCH BEHIND CHOKE KNOB	B-29 CARBURETOR HEATER NEAR ALTERNATOR	B-30 FUSE HOLDER NEAR EMISSION CONTROL BOX	B-31 FUSE HOLDER NEAR EMISSION CONTROL BOX	B-32 HEAT HAZARD SENSOR AT THERMO SWITCH
B 33 HEAT WARNING LIGHT BEHIND METER SET RIGHT	B-34 ANTI-AFTERBURN VALVE ON REAR ROTOR HOUSING	B-35 WATER THERMO SWITCH ON FRONT ROTOR HOUSING	B 36 IDLE SWITCH NEAR IDLE SWITCH	B 37 RICHER NEAR CARBURETOR	B-39 CONNECTOR TO CARBURETOR HARNESS ON FRONT FENDER APRON
B-38 EMISSION CONTROL BOX BEHIND BACK SEAT RIGHT		B-40 COASTING VALVE ON REAR ROTOR HOUSING	B 41 AIR CONTROL VALVE NEAR AIR CONTROL VALVE	B-42 SOLENOID VALVE FOR VACUUM CONTROL VALVE (FEDERAL ONLY) AT SOLENOID VALVE FOR VACUUM CONTROL VALVE	

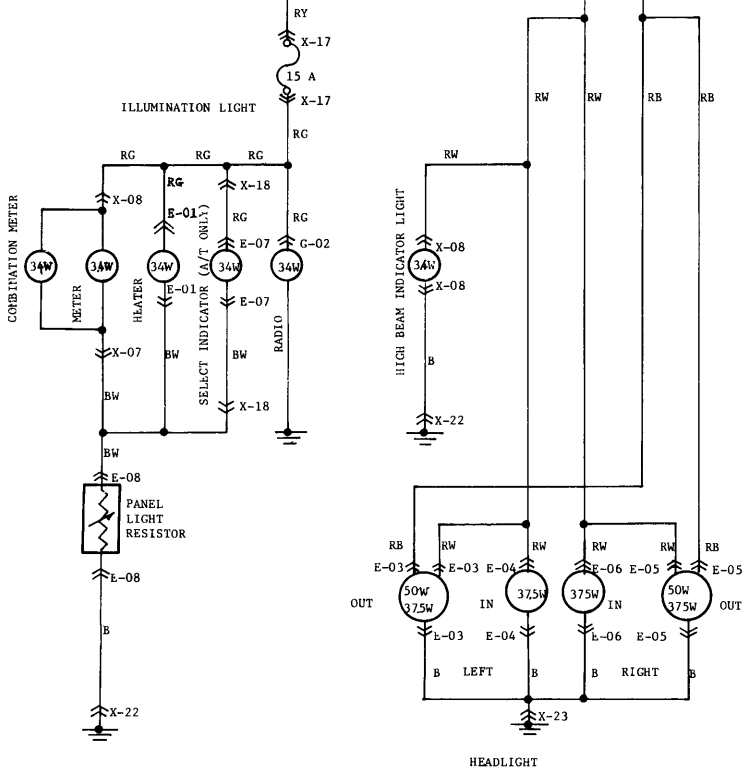
X-13



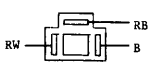
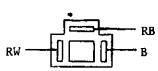
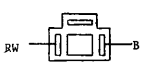
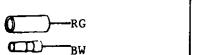
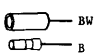
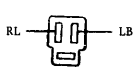
C-01 BRAKE WARNING LIGHT RB GY BEHIND METER SET RIGHT	C-02 FUEL GAUGE TANK UNIT Y B AT FUEL TANK	C-03 WATER TEMPERATURE GAUGE YW LEFT SIDE OF REAR HOUSING	C-04 OIL LEVEL SWITCH YR LEFT UNDER OF INTERMEDIATE HOUSING
C-05 PARKING BRAKE SWITCH RB NEAR TURN SIGNAL RELAY	C-06 BRAKE FAILURE SWITCH RB AT BRAKE 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 BELT	C-11 COOLANT LEVEL SWITCH B YB ON LEFT FRONT FENDER APRON	C-12 EARTh B NEAR BUZZER

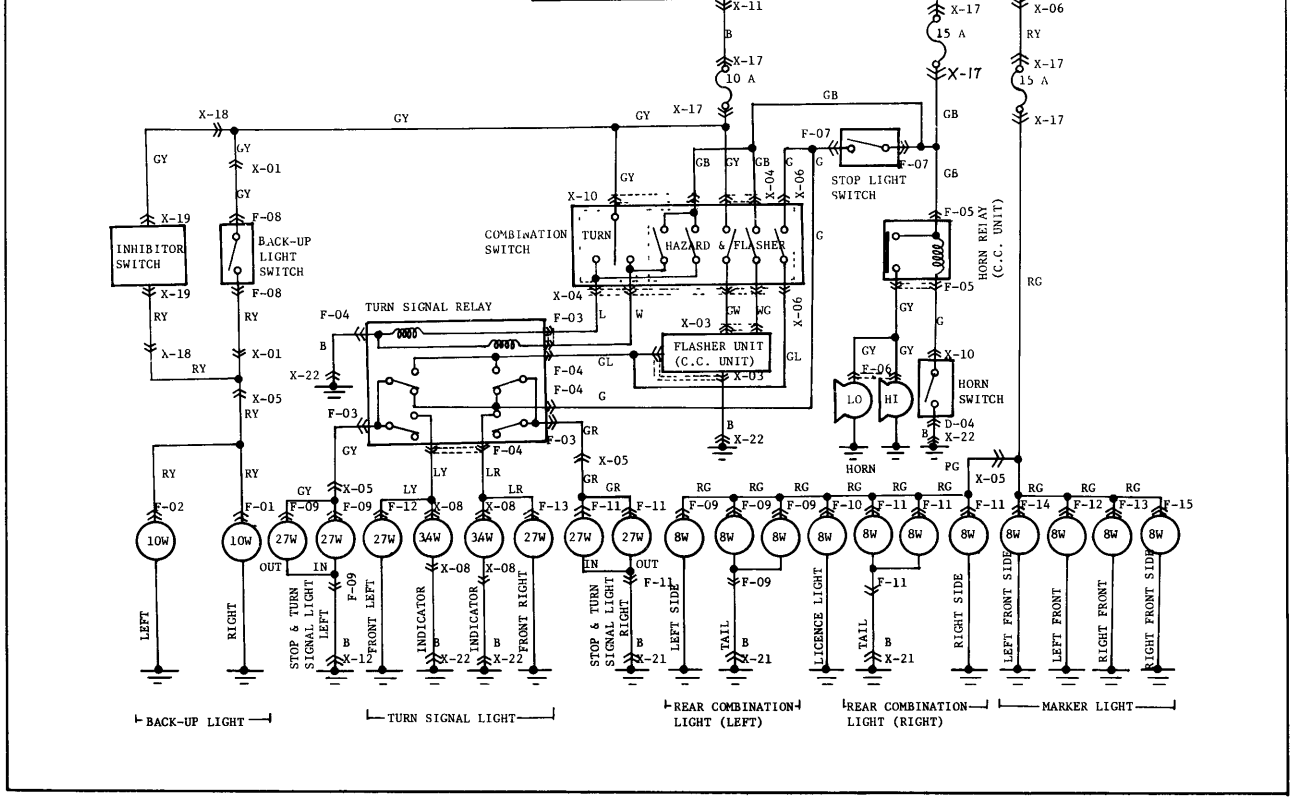


D-01 SCREEN WIPER MOTOR	D-02 WIPER SWITCH (COMBINATION SWITCH)	D-03 SCREEN WASHER MOTOR	D-04 WIPER SWITCH (COMBINATION SWITCH)
 AT SCREEN WIPER MOTOR	 IN STEERING COLUMN COVER	 AT SCREEN WASHER MOTOR	 IN STEERING COLUMN COVER

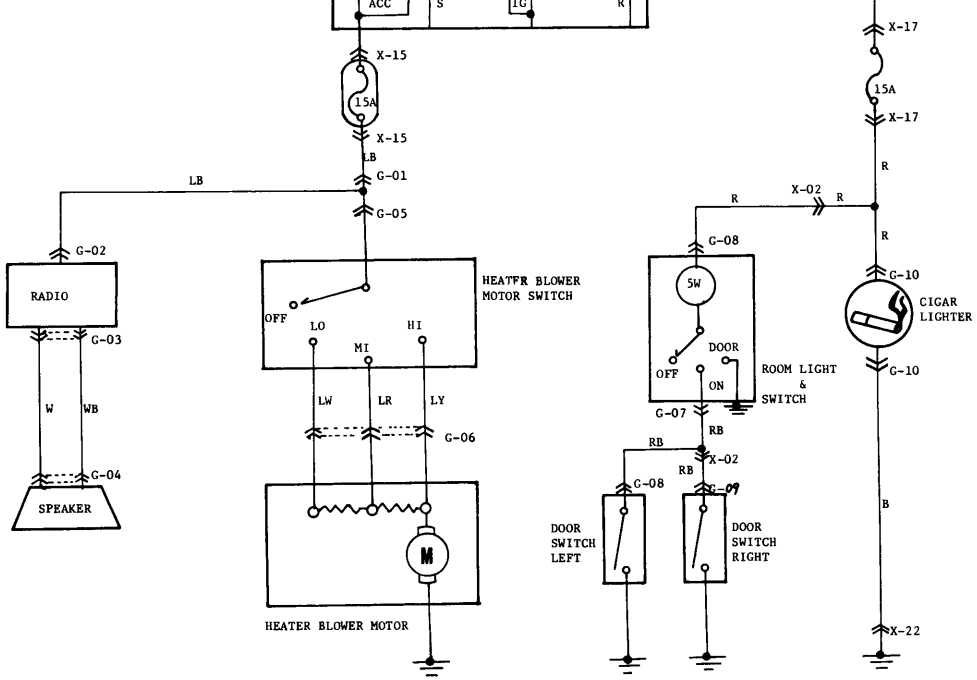


HEADLIGHT

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



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, GR — L, W UNDER DASHBOARD LEFT	**F-04 TURN SIGNAL RELAY** G, LR — B, LY; GL UNDER DASHBOARD LEFT
F-05 HORN RELAY(C.C. UNIT) GY — GB; G ON LEFT FRONT FENDER APRON	**F-06 HORN(HIGH & LOW TONE)** GY GY AT HORN	**F-07 STOP SWITCH** GB G ABOVE BRAKE PEDAL	**F-08 BACK-UP LIGHT SWITCH** GY RY AT BACK-UP LIGHT SWITCH
F-09 REAR COMBINATION LIGHT (LEFT) RG, GY RG, GY B, B BEHIND REAR COMBINATION LIGHTS	**F-10 LICENCE LIGHT** RG BEHIND LICENCE LIGHT	**F-11 REAR COMBINATION LIGHT(RIGHT)** RG, GR RG, GR B, B BEHIND REAR COMBINATION LIGHTS	**F-12 FRONT TURN SIGNAL & MARKER LIGHT (LEFT)** LY RG BEHIND HEADLIGHT
F-13 FRONT TURN SIGNAL & MARKER LIGHT (RIGHT) LR RG BEHIND HEADLIGHT	**F-14 FRONT SIDE MARKER LIGHT** RG BEHIND HEADLIGHT	**F-15 FRONT SIDE MARKER LIGHT** RG BEHIND HEADLIGHT	

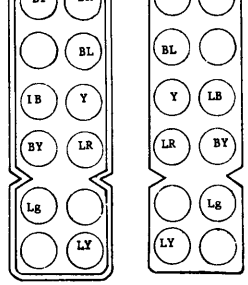


G-01 CONNECTOR TO IGNITION SWITCH LB — L NEAR STEERING COLUMN SHAFT	G-02 RADIO LB — RG AT RADIO	G-03 RADIO WB W AT RADIO	G-04 SPEAKER WB W AT SPEAKER
G-05 HEATER BLOWER MOTOR SWITCH LB BEHIND METER SET	G-06 HEATER BLOWER MOTOR LY — LB LW NEAR BLOWER MOTOR	G-07 ROOM LIGHT R RB BEHIND ROOM LIGHT	G-08 DOOR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

BEHIND BACK SEAT LEFT

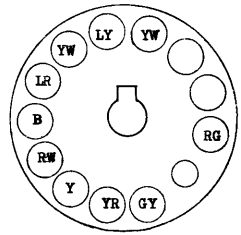
IN STEERING COLUMN COVER

AT METER SET



ON LEFT FRONT FENDER

X-08 COMBINATION METER



AT METER SET

X-09 MAIN FUSIBLE LINK



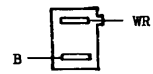
AT MAIN FUSIBLE LINK

X-10 COMBINATION SWITCH



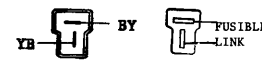
IN STEERING COLUMN COVER

X-11 IGNITION HARNESS



RIGHT OF STEERING COLUMN SHAFT

X-12 FUSIBLE LINK



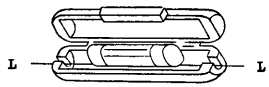
RIGHT OF STEERING COLUMN SHAFT

X-13 FUSIBLE LINK



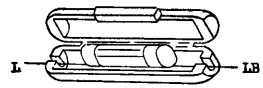
RIGHT OF STEERING COLUMN SHAFT

X-14 FUSE HOLDER



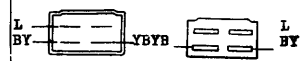
RIGHT OF STEERING COLUMN SHAFT

X-15 FUSE HOLDER



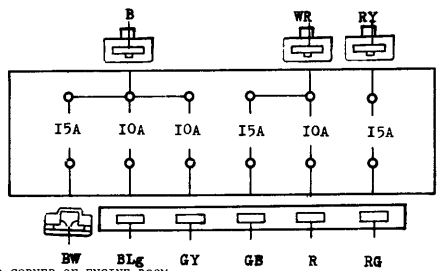
RIGHT OF STEERING COLUMN SHAFT

X-16 CONNECTOR TO IGNITION SWITCH



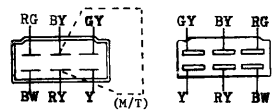
RIGHT OF STEERING COLUMN SHAFT

X-17 FUSE BLOCK



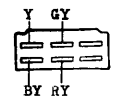
LEFT REAR CORNER OF ENGINE ROOM

X-18 CONNECTOR TO INHIBITOR SWITCH



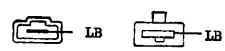
UNDER DASHBOARD LEFT

X-19 INHIBITOR SWITCH (A/T ONLY)



AT INHIBITOR SWITCH

X-20 CONNECTOR TO HEATER SWITCH



IN STEERING COLUMN COVER

X-21 EARTH



AT FUEL PUMP COVER

X-22 EARTH



UNDER DASHBOARD LEFT

X-23 EARTH



AT ALTERNATOR

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