Wiring Diagram 1976

Mazda Rotary Pickup

Federal Spec



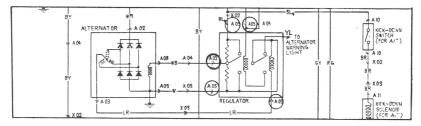


How to use this wiring diagram

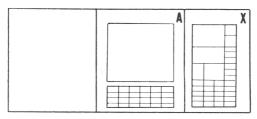
In this booklet, whole electrical systems are devided into sub systems, such as charging system, ignition system ---, and the wiring diagram of each system is shown in one page respectively for your easy reference.

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

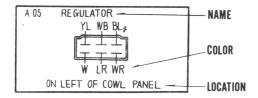
- 1 OPEN THE PAGE OF "CHARGING SYSTEM" AND THE LAST FOLDED PAGE "FOR COMMON CONNECTORS".
- 2 FIND OUT THE CONNECTORS WHICH YOU WANT TO CHECK ON THE DIAGRAM.

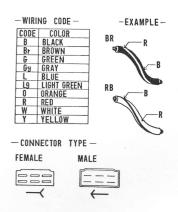


3 THEN LOOK UP THE NUMBER IN THE CONNECTOR LIST.
THE NUMBERS WHICH START WITH "X" ARE LISTED IN THE LAST PAGE. REST OF THEM ARE
AT THE BOTTOM OF EACH PAGE "A" "B" "C" ----.



- 4 THE CONNECTOR LISTS SHOW
 - SHAPE OF CONNECTOR
 - •LOCATION OF CONNECTOR
 - COLORS OF WIRES





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.

О °	<u></u>	2 3	000		7000	*	-W/-	*	WATT	TONE		3888
BATTERY	GROUND	1 FUSE 2 FUSE HOLDER 3 FUSIBLE LINK	SWITCH	MOTOR	COIL	RESISTOR	VARIABLE RESISTOR		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

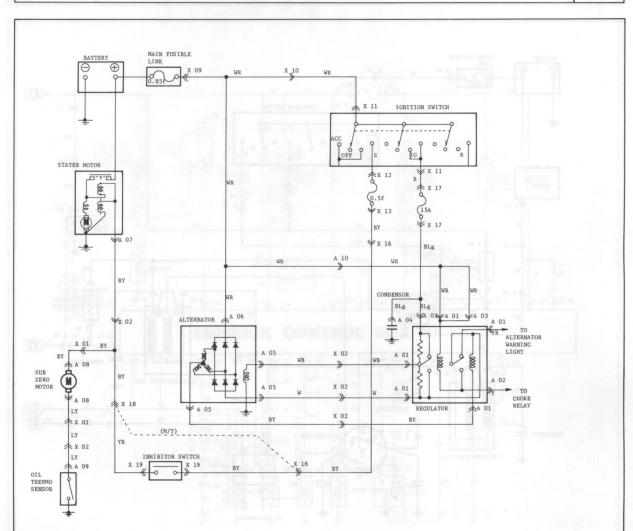
PAGE SUB SYSTEM

- 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	В	ON INTAKE MANIFOLD
ALTERNATOR	A	ABOVE ENGINE
ALTERNATOR WARNING LIGHT	C	AT COMBINATION METER
ANTI AFTERBURN VALVE (D.C.V)	В	ABOVE ENGINE
BACK-UP LIGHT	F	AT REAR BOX
BACK-UP LIGHT SWITCH	F	AT TRANSMISSION
BATTERY	ANG	UNDER RIGHT FRONT OF BOX
BRAKE FAILURE SWITCH	C	ON COWL PLATE RIGHT
BRAKE WARNING LIGHT	С	ON DASHBOARD
CARBURETOR HEATER	В	AT CARBURETOR
CENTRAL CONTROL UNIT		UNDER DASHBOARD LEFT END
FLASHER RELAY	F	
HORN RELAY	F	
WIPER RELAY	D	
CHOKE MAGNET	В	BEHIND CHOKE KNOB
CHOKE RELAY	В	ON LEFT FRONT FENDER APRON
CHOKE SWITCH	В	BEHIND CHOKE KNOB
CIGAR LIGHTER	G	ON DASHBOARD
COASTING VALVE (D.C.V)	В	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	В	AT ENGINE
DOOR SWITCH	G	AT BOTTOM OF BOTH REAR PILLAR
EMISSION CONTROL BOX	В	BEHIND PASSENGER SEAT
EXTERNAL RESISTOR	В	AT IGNITION COIL
FUEL GAUGE	С	AT COMBINATION METER
FUEL GAGE TANK UNIT	C	AT FUEL TANK
FUEL PUMP	В	AT RIGHT OF FUEL TANK
FUSE BOX	-	LEFT REAR CORNER OF ENGINE ROOM
EMI, IG.COIL	В	
REGULATOR	A	
BACK, TURN	C,F	
HORN, STOP, HAZARD	F	
ROOM, CIGAR	G	
TAIL	E,F	
HEADLIGHT HL RH	E	
LH	E	
HU RH		
LH	E	
FUSE HOLDER		WELD THISGIAN COMPAN DON
EMISSION CONTROL BOX	В	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	В	RIGHT OF STEERING COLUMN SHAFT

COMPONENT	PAGE	LOCATION
HEADLIGHT	Е	AT FRONT OF CABIN
HEATER BLOWER MOTOR	G	UNDER DASHBOARD
HEATER BLOWER MOTOR SWITCH	G	ON DASHBOARD
HEAT HAZARD SENSOR		UNDER PASSENGER SEAT
HEAT HAZARD WARNING LIGHT	В	ON DASHBOARD
HIGH BEAM INDICATOR LIGHT		AT COMBINATION METER
HORN		BEHIND BOTH HEADLIGHT
HORN SWITCH	F	CENTER OF STEERING WHEEL
IDLE SWITCH		AT CARBURETOR
IGNITION COIL		ON LEFT FRONT FENDER APRON
IGNITION RELAY	В	ON LEFT FRONT FENDER APRON
IGNITION SWITCHILLUMINATION LIGHT		
HEATER	C	AT HEATER
METER	C	AT COMBINATION METER
RADIO		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)	В	ABOVE ACCELERATOR PEDAL
KICK-DOWN SOLENOID (A/T only)	В	AT TRANSMISSION
LICENCE LIGHT	F	AT REAR OF BOX
MAIN FUSIBLE J.INK		BEHIND PASSENGER SEAT
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		AT OIL PAN
PANEL LIGHT RESISTOR	E	ON DASHBOARD
PARKING BRAKE SWITCH		AT FRONT OF PARKING BRAKE ROD
POWER VALVE (A/T only)		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		ON LEFT FRONT FENDER APRON
SCREEN WIPER MOTOR		ON UPPER COWL CENTER
SEAT BELT SWITCH		UNDER PASSENGER SEAT
SEAT BELT TIMER		UNDER DASHBOARD
SEAT BELT WARNING BUZZER		UNDER DASHBOARD
SEAT BELT WARNING LIGHT	C	FRONT CENTER OF ROOF
SPEAKER		ON DASHBOARD
STARTER MOTOR	A,B	AT ENGINE
STOP LIGHT SWITCH		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		AT BOTH CIDE OF PROME PURCH
FRONT		AT BOTH SIDE OF FRONT BUMPER
INDICATOR TURN SIGNAL RELAY		AT COMBINATION METER UNDER DASHBOARD LEFT
WATER TEMPERATURE GAUGE	C	AT COMBINATION METER
WATER TEMPERATURE GAUGE UNIT		ON ENGINE AT LEFT REAR OF ENGINE
WATER THERMO SWITCH	В	AI LEFT KEAR OF ENGINE

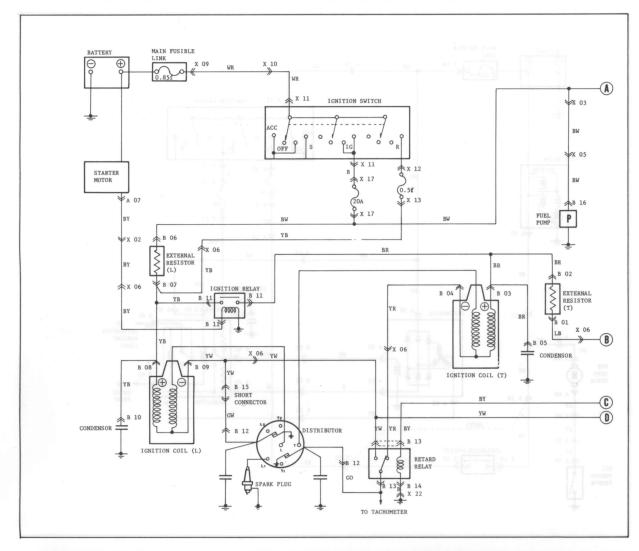




A 01 REGULATOR	A 02 REGULATOR	A 03 REGULATOR	A 04 CONDENSOR
		(□□□) —WR	Q →BLg
W BY WR NEAR REGULATOR	NEAR REGULATOR	NEAR REGULATOR	NEAR REGULATOR
A 05 ALTERNATOR	. I do Abribuator	A 07 STATER MOTOR	A 08 SUB ZERO MOTOR
BY AT ALTERNATOR	₩R	at stater motor	AT SUB ZERO MOTOR
A 09 OIL TERMO SENSOR	tin tin	000000	
LEFT UNDER OF INTERMEDIATE HOUSING	ON LEFT FRONT FENDER APRON	(7)	man and it is
A Land of the land of	9-19	- E	
	We sail solve the formula entropy page.	Water Arm State of Control	The second was
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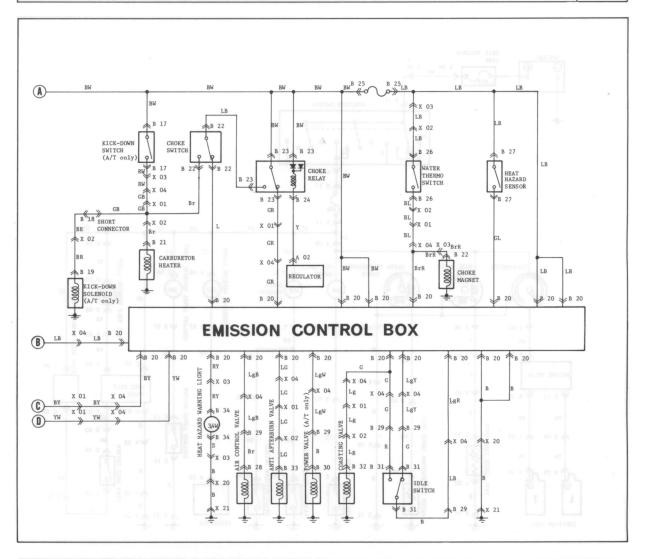


STARTING SYSTEM SUB ZERO SYSTEM



B 01 EXTERNAL RESISTOR (T)	B 02 EXTERNAL RESISTOR (T)	B 03 ⊕ TERMINAL OF IGNITION COIL (T)	B 04 TERMINAL OF IGNITION COIL	B 05 CONDENSOR	B 06 EXTERNAL RESISTOR
AT EXTERNAL RESISTOR	AT EXTERNAL RESISTOR	BR BR AT IGNITION COIL	YR AT IGNITION COIL	DEAR DISTRIBUTOR	AT EXTERNAL RESISTOR
B 07 EXTERNAL RESISTOR	B 08 ⊕ TERMINAL OF IGNITION COIL (L)	B 09 ⊖ TERMINAL OF IGNITION COIL (L)	B 10 CONDENSOR	B 11 IGNITION RELAY	B 12 CONNECTOR TO DISTREIUTOR
With a finish	SARW	PRINCHING FINE			ROYALONGS, SAME
УВ	○ YR YR			BR + 10 + YB	D − ∞
AT EXTERNAL RESISTOR	AT IGNITION COIL	AT IGNITION COIL	NEAR IGNITION COIL	LEFT FRONT FENDER APRON	NEAR DISTREBUTOR
B 13 RETARD RELAY	B 14 RETARD RELAY	B 15 SHORT CONNECTOR	B 16 FUEL PUMP	B 17 KICK-DOWN SWITCH	B 18 SHORT CONNECTOR
YR YW	F a	THE COLUMN TWO IS NOT	0 —8⊌	Ø → RM	BL ₈
AT RETARD RELAY	AT RETARD RELAY	NEAR RETARD RELAY	NEAR FUEL PUMP	ABOVE ACCELERATOR PEDAL	NEAR RETARD RELAY
B 19 KICK-DOWN SOLENOID BR NEAR LEFT OF CLUTCH HOUSING	B 20 EMISSION CONTROL BOX Salv S	(c) (c) (c) (laß (ls) (r)	B 21 CARBURETOR HEATER ———————————————————————————————————	B 22 CHOKE SWITCH (BW Br L. GG (Brg) LB B CY NEAR CHOKE SWITCH	B 23 CHOKE RELAY GR LB GR LB BW BW AT CHOKE RELAY
B 24 CHOKE RELAY	B 25 FUSE HOLDER	B 26 WATER THERMO SWITCH	B 27 HEAT HAZARD SENSOR	B 28 AIR CONTROL VALVE	B 29 CONNECTOR TO CARB. HARNESS
The state of the s	BN L.B	T ¹²	LB GL	€ Br	LgB CR CR LgS LgS Lg V
AT CHOKE RELAY	NEAR EMISSION CONTROL BOX	ON FRONT ROTOR HOUSING	NEAR EMISSION CONTROL BOX	NEAR AIR PUMP	Lgk Brt
B 30 POWER VALVE	B 31 IDLE SWITCH	B 32 COASTING VALVE	B 33 ANTI AFTERBURN VALVE	B 34 HEAT HAZARD WARNING LIGHT	B
NEAR AIR PUMP	NEAR AIR PUMP	ON REAR ROTOR HOUSING	ON REAR ROTOR HOUSING	BEHIND METER SET RIGHT	ON RIGHT FRONT FENDER

- EMISSION CONTROL SYSTEM
 - · KICK-DOWN SYSTEM WETEN'S THOLL DAMMRAW -

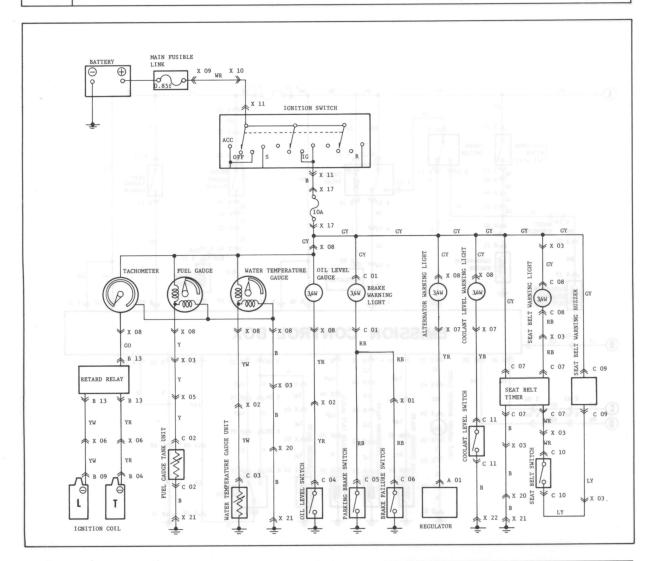


C D4 OIC LEVEL MEISON		
	17 17 17 17 (17) (17) (17)	

C

• METER SYSTEM • SEAT BELT WARNING SYSTEM

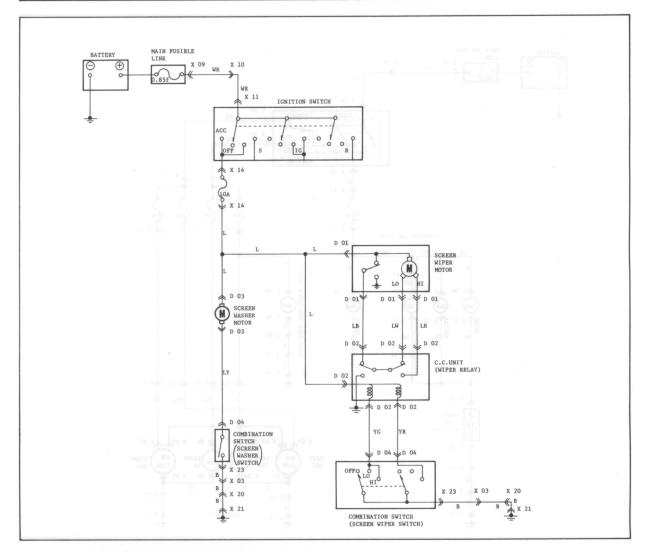
• WARNING LIGHT SYSTEM METERYS MWOOL-NOIN



C 01 BRAKE WARNING LIGHT	C 02 FUEL GAUGE TANK UNIT	C 03 WATER TEMPERATURE GAUGE UNIT	C 04 OIL LEVEL SWITCH
RB	D Y	YW	YR
BEHIND METER SET RIGHT	AT FUEL TANK	LEFT SIDE OF REAR HOUSING	LEFT UNDER OF INTERMEDIATE HOUSING
C 05 PARKING BRAKE SWITCH	C 06 BRAKE FAILURE SWITCH	C 07 SEAT BELT TIMER	C 08 SEAT BELT WARNING LIGHT
(Q	GY WR	GTD— GY
NEAR TURN SIGNAL RELAY	AT BRAKE FAILURE SWITCH	UNDER DASHBOARD RIGHT	BEHIND BACK SEAT LEFT
C 09 SEAT BELT WARNING BUZZER	C 10 SEAT BELT SWITCH	C 11 COOLANT LEVEL SWITCH	A 01 REGULATOR
rx—CD	WR LY	В	YR WB BL8
UNDER DASHBOARD LEFT	BEHIND BACK SEAT LEFT	ON LEFT FRONT FENDER APRON	NEAR REGULATOR
B 04 TERMINAL OF IGNITION COIL (T)	B 09 TERMINAL OF IGNITION COIL (L)	B 13 RETARD RELAY	
YR	THE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLU	YR YW BY CO	
AT IGNITION COIL	AT IGNITION COIL	AT RETARD RELAY	

SCREEN WIPER SYSTEM



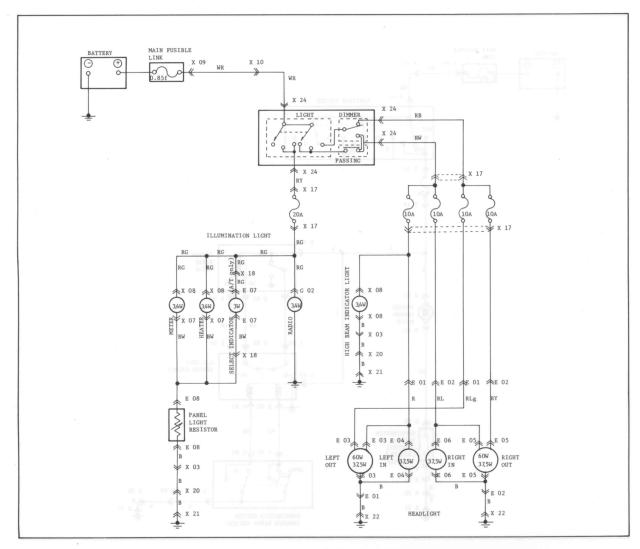


D 01 SCREEN WIPER MOTOR LW LR L LB NEAR SCREEN WIPER MOTOR	D 02 C.C.UNIT (WIPER RELAY) LM YB LB LR L YG UNDER DASHBOARD LEFT END	D 03 SCREEN WASHER MOTOR LY LY AT SCREEN WASHER MOTOR	D 04 COMBINATION SWITCH YB LY YG IN STEERING COLUMN COVER
VALUE AND COLUMN AND A	STIME SEE SEEDS THE SEED OF SEEDS SE	CONTROL ME ENGLISHME 40 I	See a service of a
			STEAM SO STE

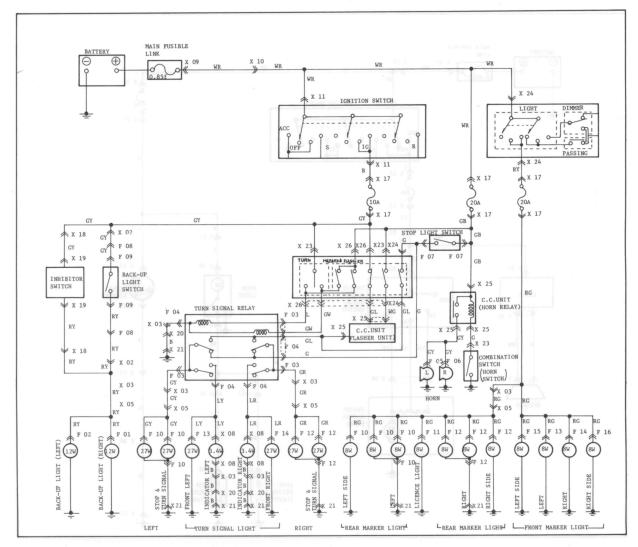


• HEADLIGHT SYSTEM

• ILLUMINATION LIGHT ACCESYSTEM



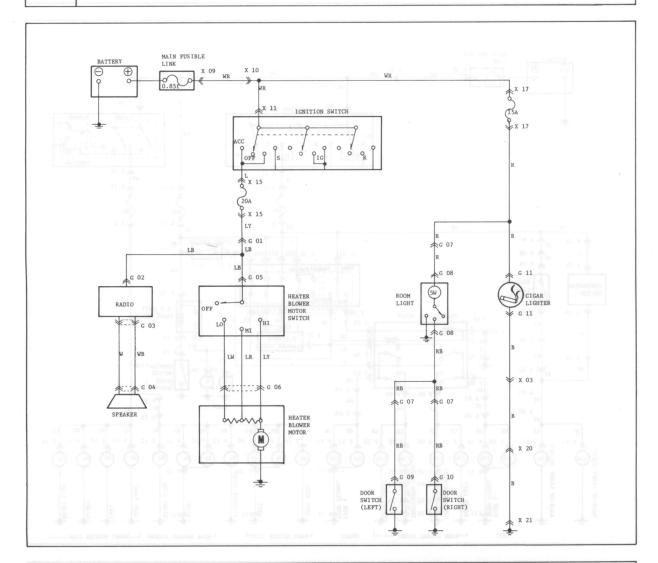
E 01 CONNECTOR TO HEADLIGHT (LEFT)	E 02 CONNECTOR TO HEADLIGHT (RIGHT)	E 03 HEADLIGHT OUT (LEFT)	E 04 HEADLIGHT IN (LEFT)
RLg B B RLg	RY B B RY	RLg	R B
ON LEFT FRONT FENDER	ON RIGHT FRONT FENDER	AT HEADLIGHT OUT	AT HEADLIGHT IN
E 05 HEADLIGHT OUT (RIGHT)	E 06 HEADLIGHT IN (RIGHT)	E 07 SELECT INDICATOR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



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



- HEATER SYSTEM
- CIGAR LIGHTER
- RADIO
- ROOM LIGHT



G 01 CONNECTOR TO IGNITION SWITCH	G 02 RADIO	G 03 RADIO	G 04 SPEAKER
	LB-[]]RG	MB W	₩B WB
RIGHT OF STEERING COLUMN SHAFT	AT RADIO	AT RADIO	AT SPEAKER
G 05 HEATER BLOWER MOTOR SWITCH	G 06 HEATER BLOWER MOTOR	G 07 CONNECTOR TO ROOM LIGHT	G 08 ROOM LIGHT
LB	LY LR	RB RB	RB
BEHIND METER SET RIGHT	NEAR BLOWER MOTOR	BEHIND BACK SEAT LEFT	BEHIND ROOM LIGHT
G 09 DOOR SWITCH (LEFT)	G 10 DOOR SWITCH (RIGHT)	G 11 CIGAR LIGHTER	. ADDRESS TROOT, TO HOLD BY I
Q —− RB	Q —−RB	⑤ − R	13
BEHIND BACK SEAT	BEHIND BACK SEAT	BEHIND METER SET RIGHT	WESTERN THREAT WE-LOAD TA
(TIDES TED I SERVE BUILT CHICK (SIGHT)	CAMPA, LAURT MINNER BULL ANDER 51 A	(ARD'TH MENNYM Y TWENTY WHILE DANNEL, THE A	THOSE REMARK A MARCH MART THERE IS NO (CHIEF)
38	na —		t.;
* THE ELECTRIC CONTROL	PAGE JAPANE CHEANNE	1804 MARIA GILÎNÎN	TENTHAN WITHER



X 01 CONNECTOR TO RIGHT FRONT	X 02 CONNECTOR TO ENGINE HARNESS	X 03 CONNECTOR TO EMISSION HARNESS	X 04 CONNECTOR TO EMISSION HARNESS
HARNESS (GY BY) (GY BY) (LY CY) (LY CY) (BL Br BL Br BL CR	YR	RG GY RG RG GY RG RG RG	LB CB RW LB LG LG RW LB LG LG RW LB CG CG RW CG CG RW CG CG CG CG CG CG CG CG
NEAR BRAKE FAILURE SWITCH	ON LEFT FRONT FENDER APRON	UNDER LEFT OF DASHBOARD	UNDER LEFT OF DASHBOARD
X 05 CONNECTOR TO REAR HARNESS	X 06 CONNECTOR TO IGNITION HARNESS	X 07 COMBINATION METER	X 08 COMBINATION METER
RY EW GY GY EW RY BEHIND BACK SEAT LEFT X 09 MAIN FUSIBLE LINK	YW YB BW BW YB YW LB YR BY BY YR LB ON LEFT FRONT FENDER APRON X 10 CONNECTOR TO EMISSION HARNESS	BW YR B YB AT METER SET X 11 IGNITION HARNESS	(LR) (YW) (RG)
WR.	WR WR	WR B	(RL Y YR (GY
AT MAIN FUSIBLE LINK	UNDER LEFT OF DASHBOARD	RIGHT OF STEERING COLUMN SHAFT	AT METER SET
X 12 FUSIBLE LINK BY YB FUSIBLE LINK	X 13 FUSIBLE LINK FUSIBLE BY LINK	X 14 FUSE HOLDER	L LY
RIGHT OF STEERING COLUMN SHAFT X 16 CONNECTOR TO IGNITION SWITCH	RIGHT OF STEERING COLUMN SHAFT X 18 CONNECTOR TO INHIBITOR SWITCH	RIGHT OF STEERING COLUMN SHAFT X 17 FUSE BOX	RIGHT OF STEERING COLUMN SHAFT
L L VB BY VB BY RIGHT OF STEERING COLUMN SHAFT X 19 INHIBITOR SWITCH (A/T only)	BW RY YB BY RY BW (W/T) UNDER LEFT OF DASHBOARD X 20 CONNECTOR TO REAR HARNESS	RB KW HEAD LAMP HU 10A 10A 10A 10A	K,IG B LIGHT S/W K,IG B LIGHT S/W T.N.S 20A 15A 10A 20A 15A 20A MI REGU- BACK HORN ROOM TAIL G.COIL LATOR TURN STOP CIGAR HAZARD
YB GY BY RY AT INHIBITOR SWITCH	BEHIND BACK SEAT LEFT	RY RLg RL R B	BLg GY GB R RG
X 21 EARTH	X 22 EARTH	X 23 COMBINATION SWITCH	X 24 COMBINATION SWITCH
© 3 B	О	GY GB	RW G WR
AT FUEL PUMP BRAKET X 25 COMBINATION SWITCH	AT IGNITION COIL BRAKET X 26 C.C.UNIT	IN STEERING COLUMN COVER	IN STEERING COLUMN COVER
GL WG GW IN STEERING COLUMN COVER	LW YB LB LR L YG UNDER DASHBOARD LEFT END		

The to use this circum dispersi

in this bookles, unique a generical avaitant are deplicad both top bystems, such as charging bystem, synthesa avaita ———, and majoriting diagram of both system in shings in one pages graphestically for youthing hydrogen.

then for have the triple to the the confermation for instance

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