

1988 Mazda 323 Wiring Diagram

FOREWORD

This wiring diagram incorporates the wiring schematic for the basic vehicle and its available optional equipment. Actual vehicle wiring may vary slightly depending upon optional equipment and/or local specifications. All information contained in this booklet is based on the latest information available at the time of printing. Mazda Motor Corporation reserves the right to make changes without previous notice.

Mazda Motor Corporation
HIROSHIMA, JAPAN

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Wiring Diagram

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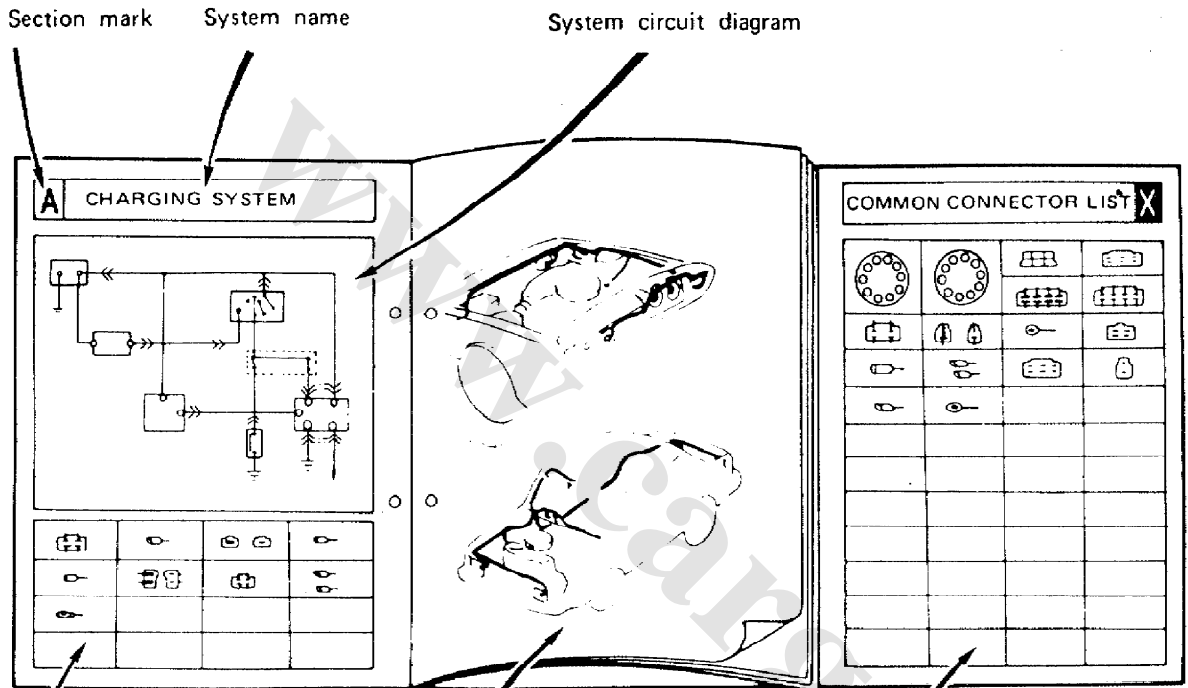
50-0 HOW TO USE THIS WIRING DIAGRAM

HOW TO USE THIS WIRING DIAGRAM

The complete electrical system is divided into charging system, ignition system, etc.

Each system is shown on both right and left pages as described below.

When reading the wiring diagram, following should be noted:

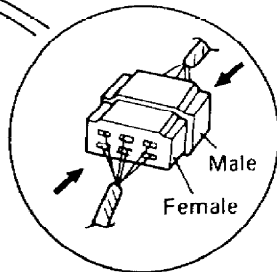
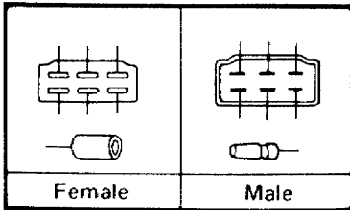


- Connector diagram identifies the exclusive applicable connectors for the circuit.

- Right page illustrates the actual location of each connector and the routing diagram of the harness.

- The last page, "Section X", illustrates common connectors related to each system.

CONNECTOR



Way to look at Connector

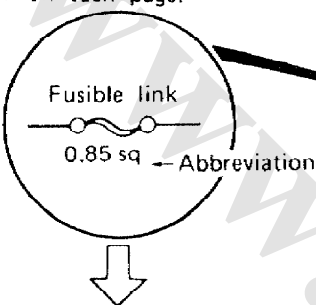
WIRING COLOR CODE

Wiring color code is indicated with alphabetical letter/s. The first letter indicates the basic color of the wire, and second letter (if any) indicates that the color of the stripe.

CODE	COLOR	CODE	COLOR
B	Black	Lg	Light green
Br	Brown	O	Orange
G	Green	R	Red
L	Blue	Y	Yellow
Lb	Light blue	W	White
LO	Blue Orange	WR	White Red
LgB	Light green Black		

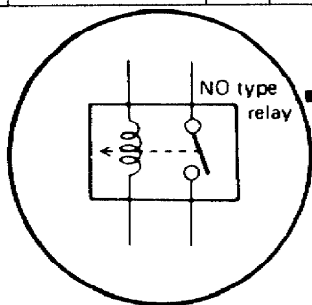
Wiring harness color is shown

The same fusible link and fuses are indicated on each page.



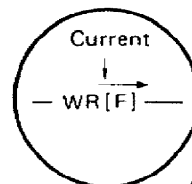
ABBREVIATIONS USED IN THIS BOOKLET

Abbr.	Term	Abbr.	Term
St	Start	A	Ampere
IG	Ignition	W	Watt
ACC	Accessory	R	Resistance
AS	Auto stop	Tr	Transistor
INT	Intermittent	M	Motor
Lo	Low	SW	Switch
Mi	Middle	Sq	Square per millimeter
Hi	High	A/T	Automatic transmission
R.H.	Right hand	M/T	Manual transmission
L.H.	Left hand	NO	Normal opened
F.R.	Front right	NC	Normal closed
F.L.	Front left	MH	Middle high
R.R.	Rear right		
R.L.	Rear left		
V	Volt		

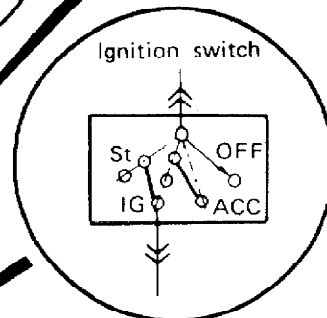
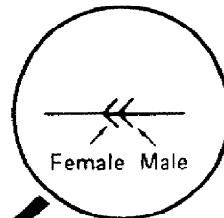


The relays and switches are identified as NC (normal closed), or NO (normal opened), to indicate their normal position when they are not in operation.

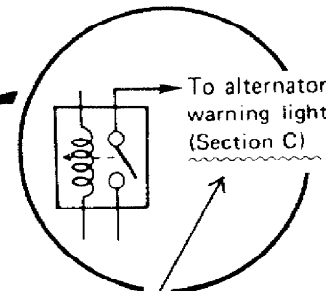
Direction of current is shown by the arrow



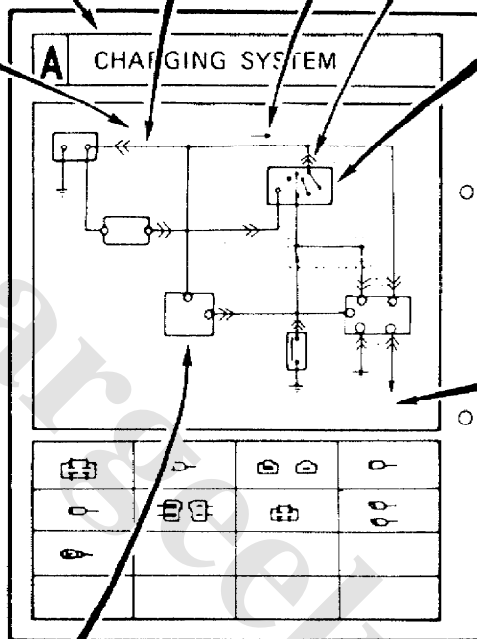
CONNECTOR



Circuit is shown with the ignition switch off.



Legend in the parenthesis () indicates the reference section.



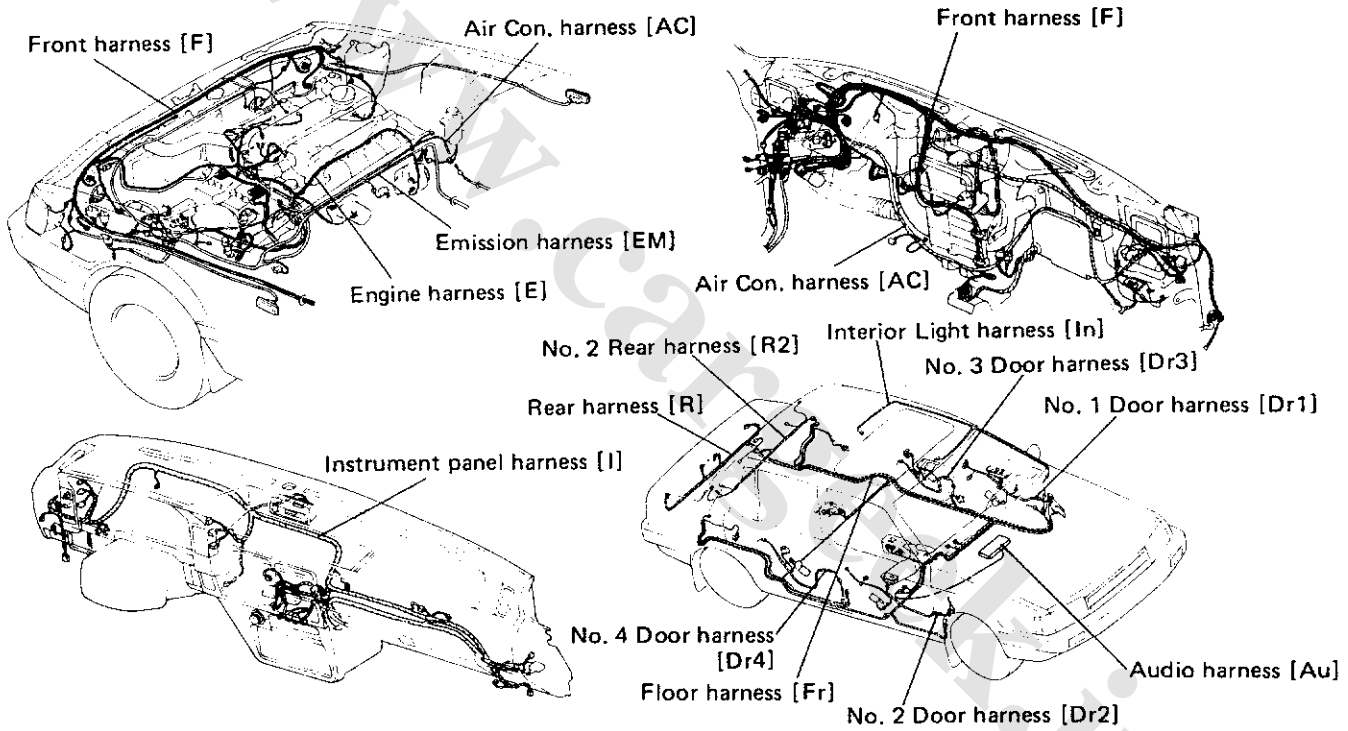
	Relay		Switch	
	NO type relay	NC type relay	NO switch	NC switch
Not in operation				
In operation				

50-0 HOW TO USE THIS WIRING DIAGRAM

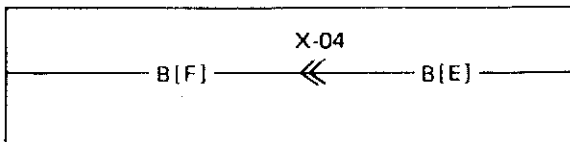
HARNESS SYMBOLS

Each harness is distinguished by a symbol to indicate to which harness belong a wiring and connector in circuit diagrams and connector charts.

DESCRIPTION OF HARNESS	COLOR	SYMBOL	DESCRIPTION OF HARNESS	SYMBOL
Front harness	—	[F]	No. 1 Door harness	[Dr1]
Engine harness	—	[E]	No. 2 Door harness	[Dr2]
Instrument panel harness	—	[I]	No. 3 Door harness	[Dr3]
Rear harness	—	[R]	No. 4 Door harness	[Dr4]
No. 2 Rear harness		[R2]	Audio harness	[Au]
Emission harness		[EM]	Air Con. harness	[AC]
Interior light harness		[In]		
Floor harness		[Fr]		

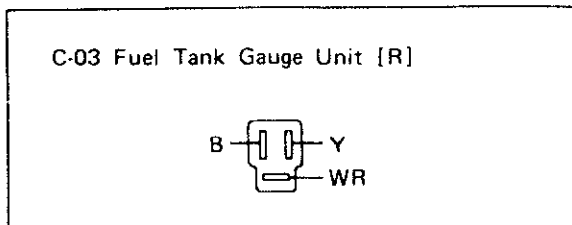


EXAMPLE OF CIRCUIT DIAGRAM



- It is seen from the above that the male-side black line of the X-04 shows the engine harness and the female-side black line shows the front harness.
- It is seen from the above that the X-04 connector is a connector connecting the engine and the front.

EXAMPLE OF CONNECTOR




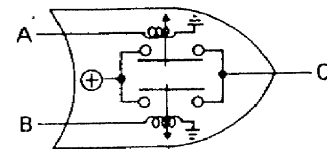

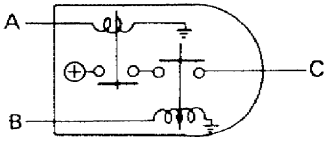
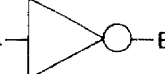
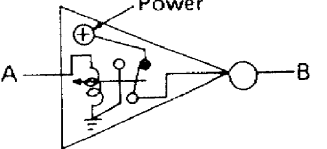
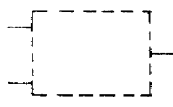
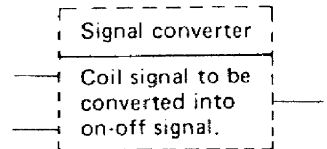
- It is seen from the above that this connector (C-03) is on the Rear harness.

SYMBOLS IN THIS WIRING DIAGRAM


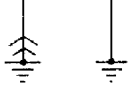





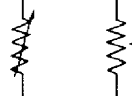



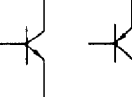
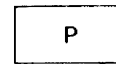







LOGICAL SYMBOLS

The logical symbols are of four kinds: OR, AND, INV. (Inverter), PROCESS.

The circuit operation can be easily read by understanding these symbols.

<p>OR</p> 	<p>In case of input to either A or B, an output comes out from C. When A and B are off (0V), C is off (0V). When either A or B is on (12V), C is on (12V). This can be simply shown in the relay circuit on the right-hand side.</p>	
<p>AND</p> 	<p>In case of input to both A and B, an output comes out from C. When A and B are on (12V), C is on (12V). When either A or B is off (0V), C is off (0V). This can be simply shown in the relay circuit on the right-hand side.</p>	
<p>INV. (Inverter)</p> 	<p>In case of input to A, B is grounded. When A is off (0V), B is on (12V). When A is on (12V), B is off (0V). This can be simply shown in the relay circuit on the right-hand side.</p>	
	<p>PROCESS makes a simplified representation of complicated functions of the circuit. Functions mainly used: 1. Detection of signals 2. Conversion of signals The process of the full transistor ignition control unit is as shown in the right-hand figure.</p>	

GRAPHIC SYMBOLS

	 Harness Body	 Holder Box		
<p>Battery</p>	<p>Ground</p>	<p>Fuse</p>	<p>Fusible link</p>	<p>Motor</p>
				
<p>Coil solenoid</p>	<p>Resistance</p>	<p>Variabel resistance</p>	<p>Thermister</p>	<p>Diode</p>
				
<p>Condenser</p>	<p>Transistor</p>	<p>Pump</p>	<p>Lamp</p>	<p>Horn</p>
				
<p>Speaker</p>	<p>Cigar lighter</p>	<p>Heater</p>	<p>Illuminated Diode</p>	<p>Zener Diode</p>

PI PARTS INDEX

Parts	Section	Parts	Section
(A) Adjustable Damper Actuator	O	Combination Switch	
Actuator Solenoid Valve	P-1, 2	License Light L.H., R.H.	E-b
Adjustable Damper Actuator	O	Meter Illumi.	C, E-a
Adjustable Damper Switch	O	Parking Light L.H., R.H.	E-b
A/C. Relay No. 1, No. 2	G	Tail Light L.H., R.H.	E-b
A/C. Switch	G	Radio Illumi.	E-a, L
Air Flow Meter	B-1b, 2b, 3b	Rear Marker Light L.H., R.H.	E-b
Alternator With Regulator	A-1, 2	Rear Turn Light L.H., R.H.	F-a
AM, FM Electronic Tuner	L	Condenser	B-1a, 2a, 3a
Atmospheric Pressure Sensor	B-1b, 2b, 3a	Condenser Fan Motor	G
		Cooling Fan Motor	B-1a, 2a, 3a
		Cooling Fan Relay	B-1a, 2a, 3a
		Courtesy Light L.H., R.H.	J
		Cruise Control Unit	P
(B) Back-Up Light	F-a		
Back-Up Light Switch	F-a	(D) Din Cord	L
Battery	A ~ P	Diode	B-3a
Blower Motor	G	Digital Clock	I
Blower Motor Control Switch	G	Distributor	B-1a, 2a, 3a
Brake Fluid Level Switch	C	Door Handle Switch	J
Buckle Switch	J	Door Lock Cylinder Light	J
Buzzer	C, J	Door Switch	J
		(E) Electrical Load Control Unit	B-1b, 2b, 3b
		Engine Control Unit	B-1a, 1b, 2a, 2b, 3a, 3b
		Entry Illumi. Timer	J
(C) Cassette Deck	L	(F) Front Speaker L.H., R.H.	L
Check Connector	B-b	Front Wiper & Washer Motor	D
Check Relay	C	Fuel Meter	C
Cigarette Lighter	H	Fuel Pump	B-1a, 2a, 3a
Circuit Opening Relay	B-1a, 2a, 3a	Fuel Pump Control Unit	B-2a
Cluster Switch L.H.		Fuel Tank Unit	B-2a
Rear Window Defroster Switch	I		
Rear Wiper & Washer Switch	D	(H) High Mounted Stop Light	E-b
Cluster Switch R.H.		Horn L.H., R.H.	F-b
Cruise Control Main Switch	P	Horn Relay	F-b
Panel Light Control Switch	E-a		
Clutch Switch	B-1b, 2b, 3b, P	(I) Igniter	B-1a, 2a, 3a
Combination Switch		Ignition Coil	B-1a, 2a, 3a
Adjustable Damper Illumi.	E-a, O	Ignition Key Illumi.	J
A/C. Switch Illumi.	E-a, G-a, G-b	Ignition Key Reminder Switch	J
A/T Select Illumi.	E-a	Ignition Relay	G, JB
Center Dif-Lock Illumi.	E-a	Ignition Switch	A ~ P
Cigarette lighter Illumi.	E-a	Indicator & Warning Lights	
Cluster Illumi. L.H., R.H.	E-a	Brake	C
Cruise Main Switch Illumi.	E-a, P	Charge (Alternator)	C
Flasher Unit	F-a	Fuel	C
Front Marker Light L.H., R.H.	E-b	High Beam	C
Front Turn Light L.H., R.H.	F-a	Oil Pressure	C
Front Washer Switch	D	Rear Window Defroster	C
Front Wiper Switch	D	Seat Belt	C
Headlight L.H., R.H.	E-b	Stop Light	C
Heater Illumi.	E-a		
Horn Switch	F-b		

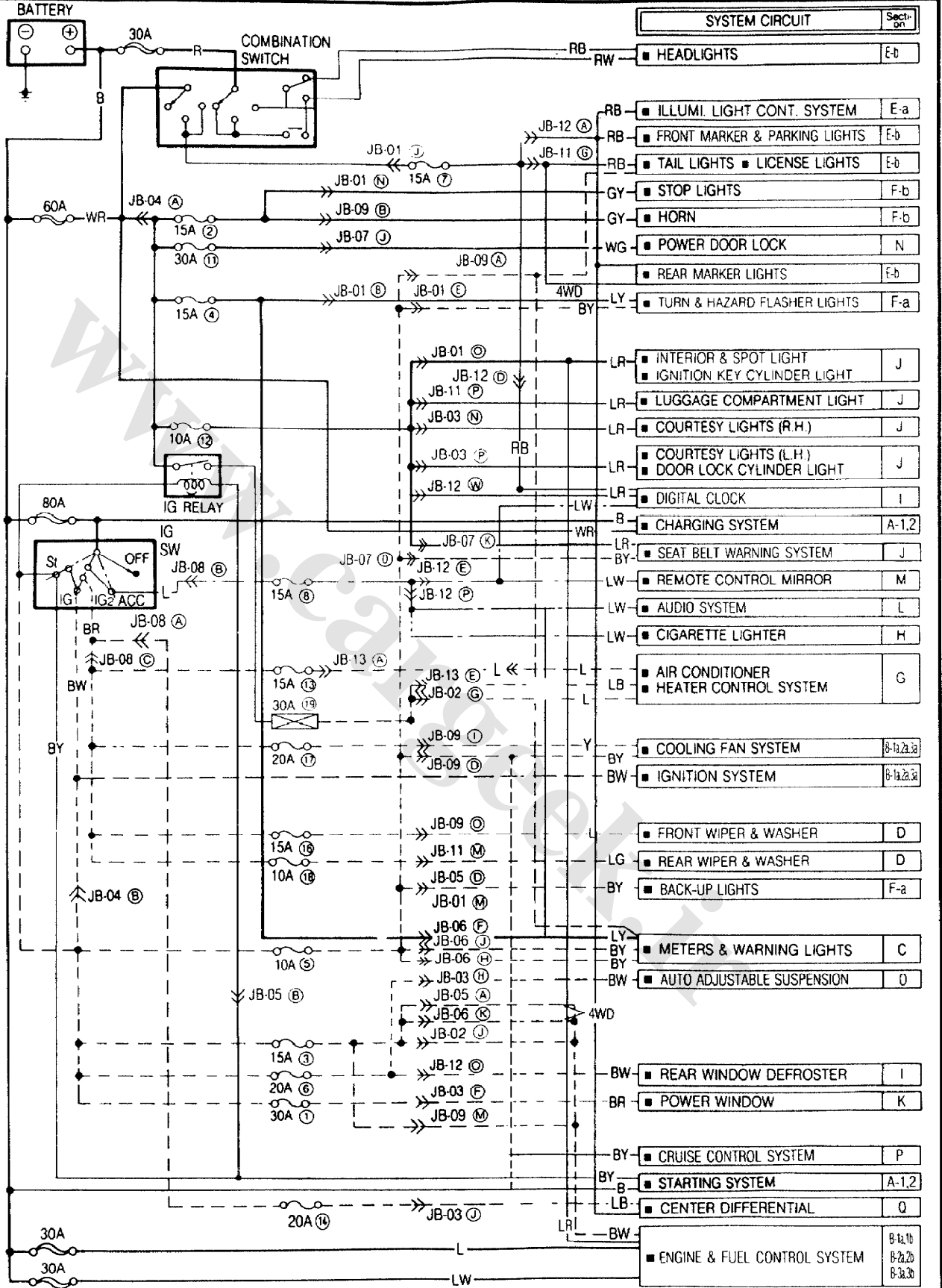
PARTS INDEX

PI

Parts	Section	Parts	Section
Turn L.H., R.H.	C	Rear Washer Motor	D
Washer Level	C	Rear Wiper Motor	D
Inhibitor Switch	A-1	Rear Window Defroster	I
Injector No. 1, No. 2, No. 3, No. 4	B-1a, 2a, 3a	Refrigerant Pressure Switch (With Air Con.)	G
Interior & Spot Light	J	Remote Control Mirror Motor	M
Ⓜ Joint Connector	B-1a, 2a, 3a	Remote Control Mirror Switch	M
Ⓚ Kick-down Switch (For 4AT)	B-3a	Resistor	G
Knock Controller	B-1a, 2a	Ⓢ Seat Belt Timer & Buzzer	J
Knock Sensor	B-1a, 2a	Sliding Sunroof	H
Ⓛ Luggage Compartment Light	J	Sliding Sunroof Relay No. 1, No. 2	H
Luggage Compartment Light Switch	J	Sliding Sunroof Switch	H
Ⓜ Main Fuse	A ~ P	Speed Sensor	C, P
Main Relay	B-1a, 2a, 3a,	Solenoid Valve	
Magnet Clutch (A/C.)	G	For No.1 Purge Control Valve	B-1b, 2b, 3a
Ⓝ Neutral Switch	B-1b, 2b, 3b	For Vacuum Switch Valve	B-1b, 2b, 3a
Ⓞ O/D Switch	B-3a	I.S.C.	B-1b, 2b, 3b
Oil Pressure Switch	C	Kick Down	B-3a
Oscillator	C	P.R.C.	B-1b, 2b, 3b
Oxygen Sensor	B-1b, 2b, 3b	O/D	B-3a
Ⓟ Parking Brake Switch	C	Starter Interlock Sw	A-1, 2
Power Door Lock Motor	N	Starting Motor	A-1, 2
Power Door Lock Relay	N	Stop Light	F-b
Power Door Lock Switch	N	Stop Light Checker	F-b
Power Steering Pressure Switch	B-1b, 2b, 3b	Stop Light Switch	F-b
Power Steering Solenoid Valve	B-a, B-b	Stop Switch	F-b, P
Power Window Motor	K	Ⓣ Tachometer	C
Power Window Switch	K	Test Connector	B-1b, 2b, 3b
Pressure Sw	B-1b, 2b	Throttle Sensor	B-1b, 2b, 3b
Ⓡ Rear Amp.	L	Transfer Pump	B-2a
Rear Speaker L.H., R.H.	L	Ⓦ Washer Fluid Low Level Switch	C
Rear Speaker Cord	L	Water Thermo Switch	B-1a, 1b, 2a, 2b, 3a, 3b, C
		Water Thermo Sensor	B-1b, 2b, 3b

W ELECTRICAL WIRING SCHEMATIC

— Current From Battery
 - - - Current From IG Terminal of Ignition Switch
 - · - Current From ACC Terminal of Ignition Switch
 — Others

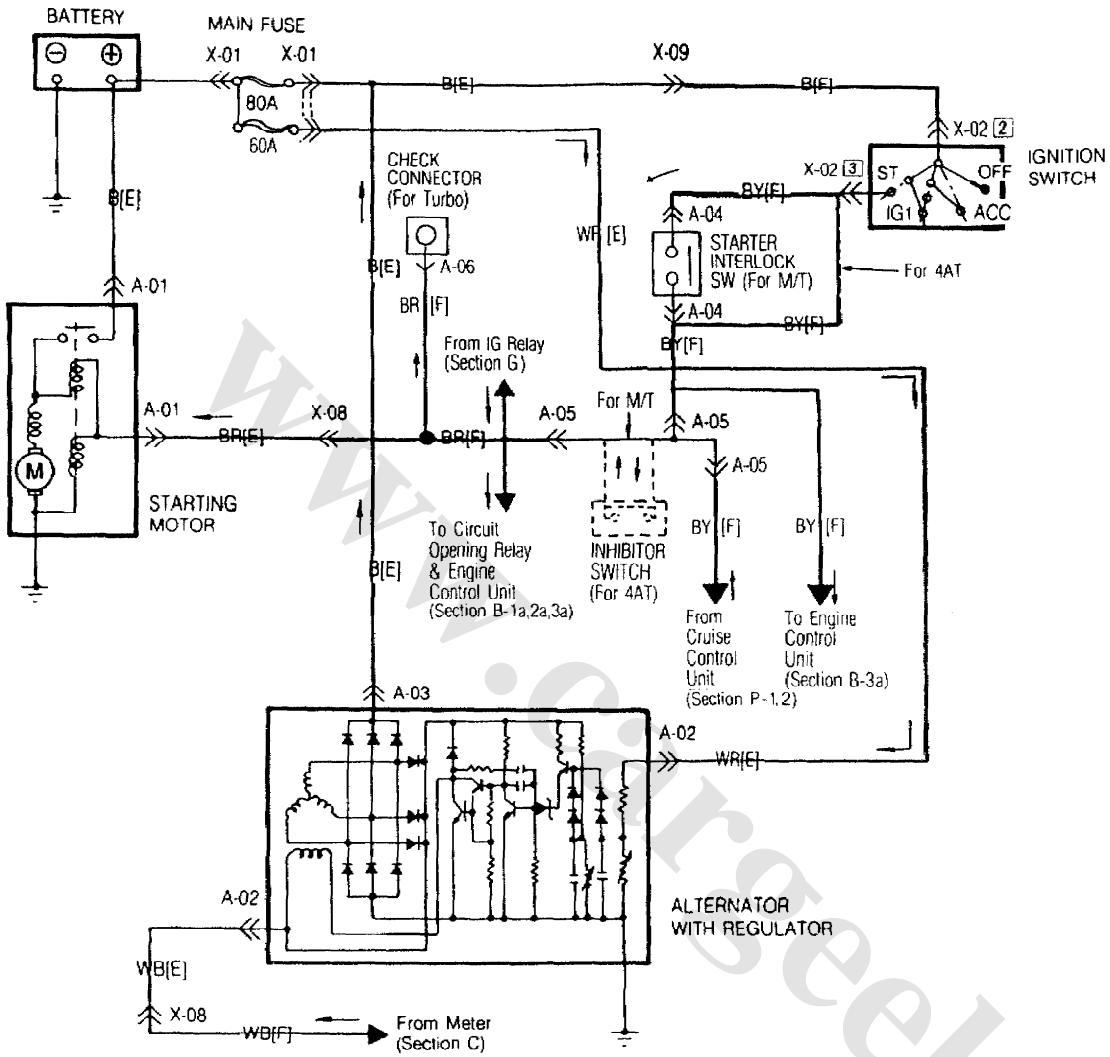








A-1

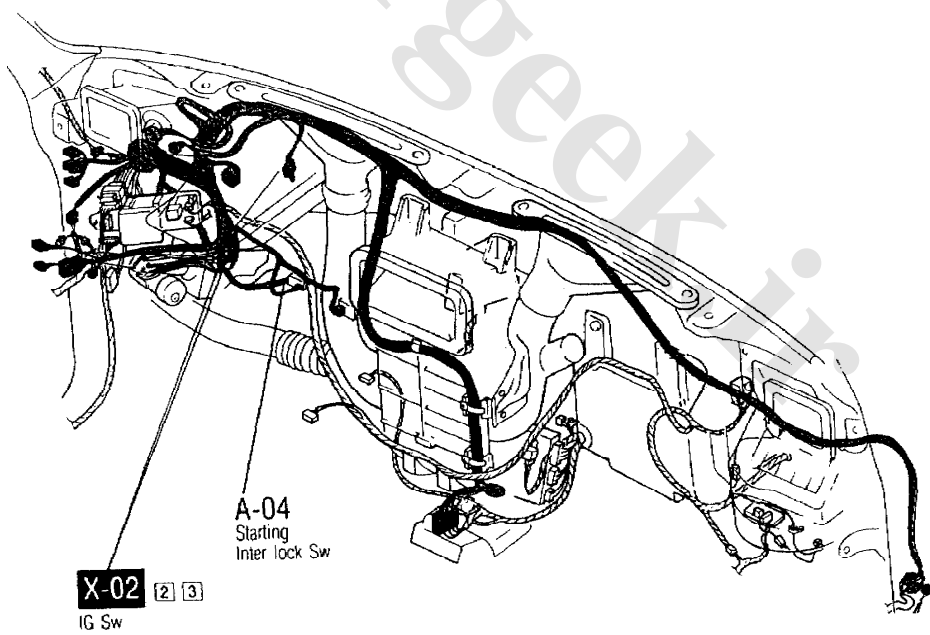
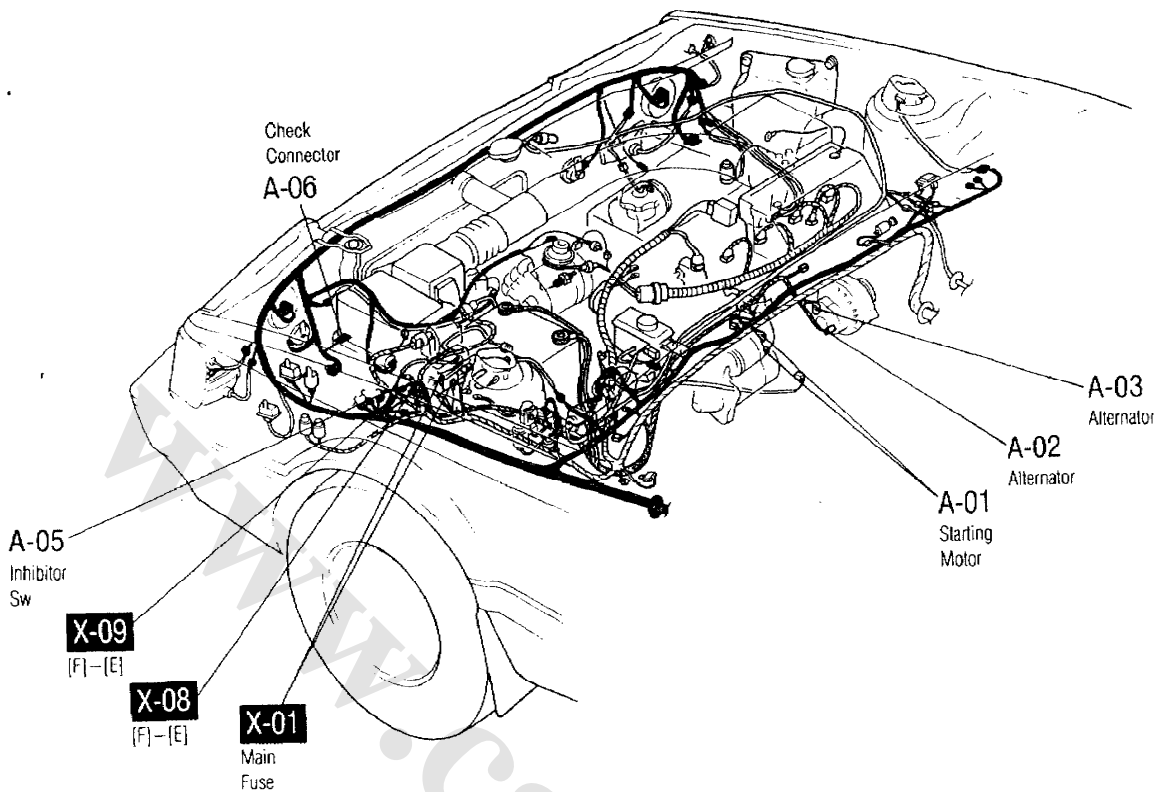
Except 4WD

- CHARGING SYSTEM**
- STARTING SYSTEM**
- STARTER INTERLOCK SYSTEM (M/T)**
- INHIBITOR (4AT)**

Note:
× ... Not Used



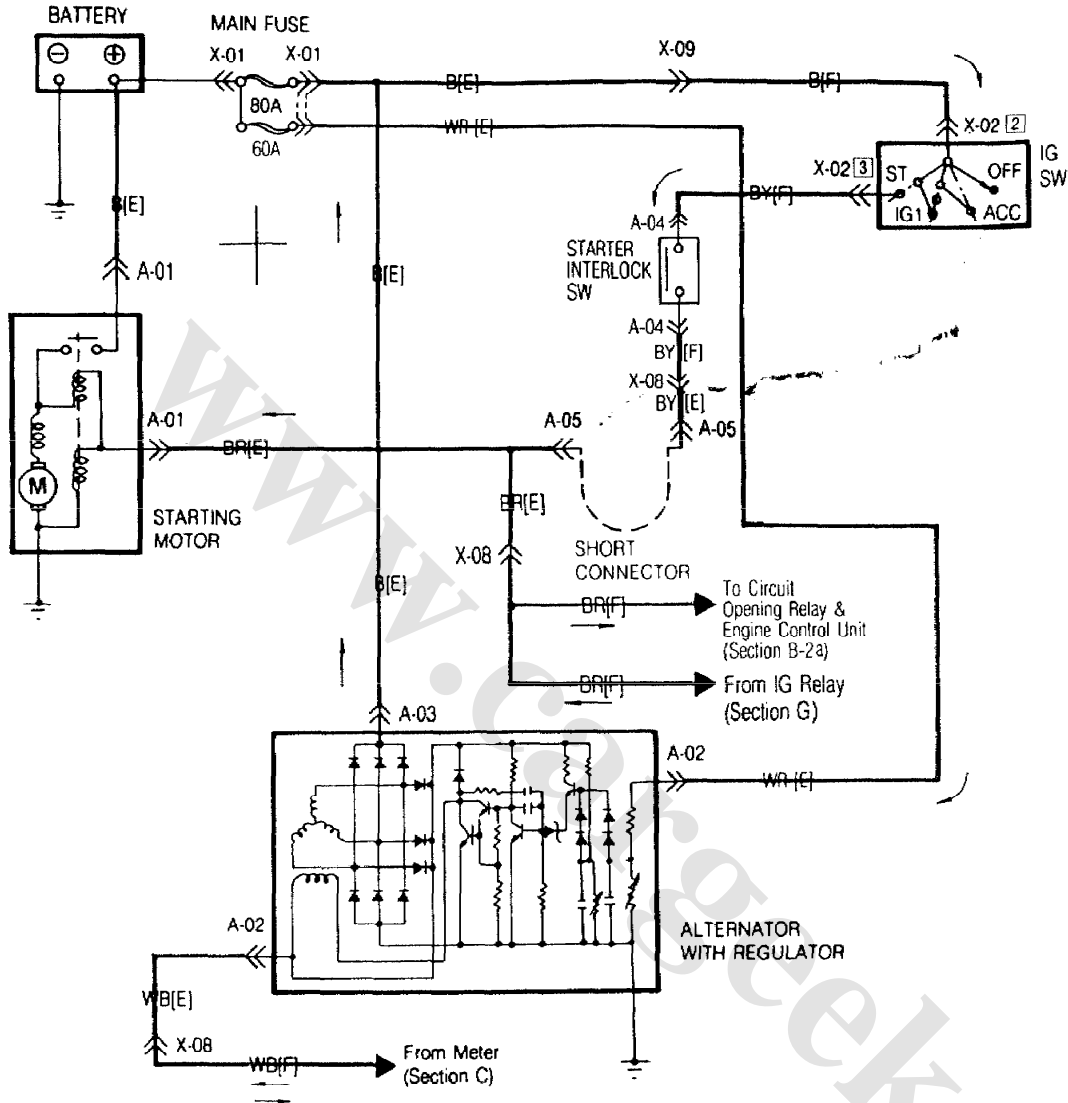
<p>A-01 Starting Motor [E]</p>  <p>BR</p>	<p>A-02 Alternator With Regulator [E]</p>  <p>WR WB</p>	<p>A-03 Alternator With Regulator [E]</p>  <p>B</p>	<p>A-04 Starter Interlock Sw [F]</p>  <p>BY BG (For M/T)</p>
<p>A-05 Inhibitor Sw [F]</p>  <p>BY BY RW BR (For M/T) BY (For 4AT)</p>	<p>A-06 Check Connector [F]</p>  <p>BR (For Turbo)</p>		









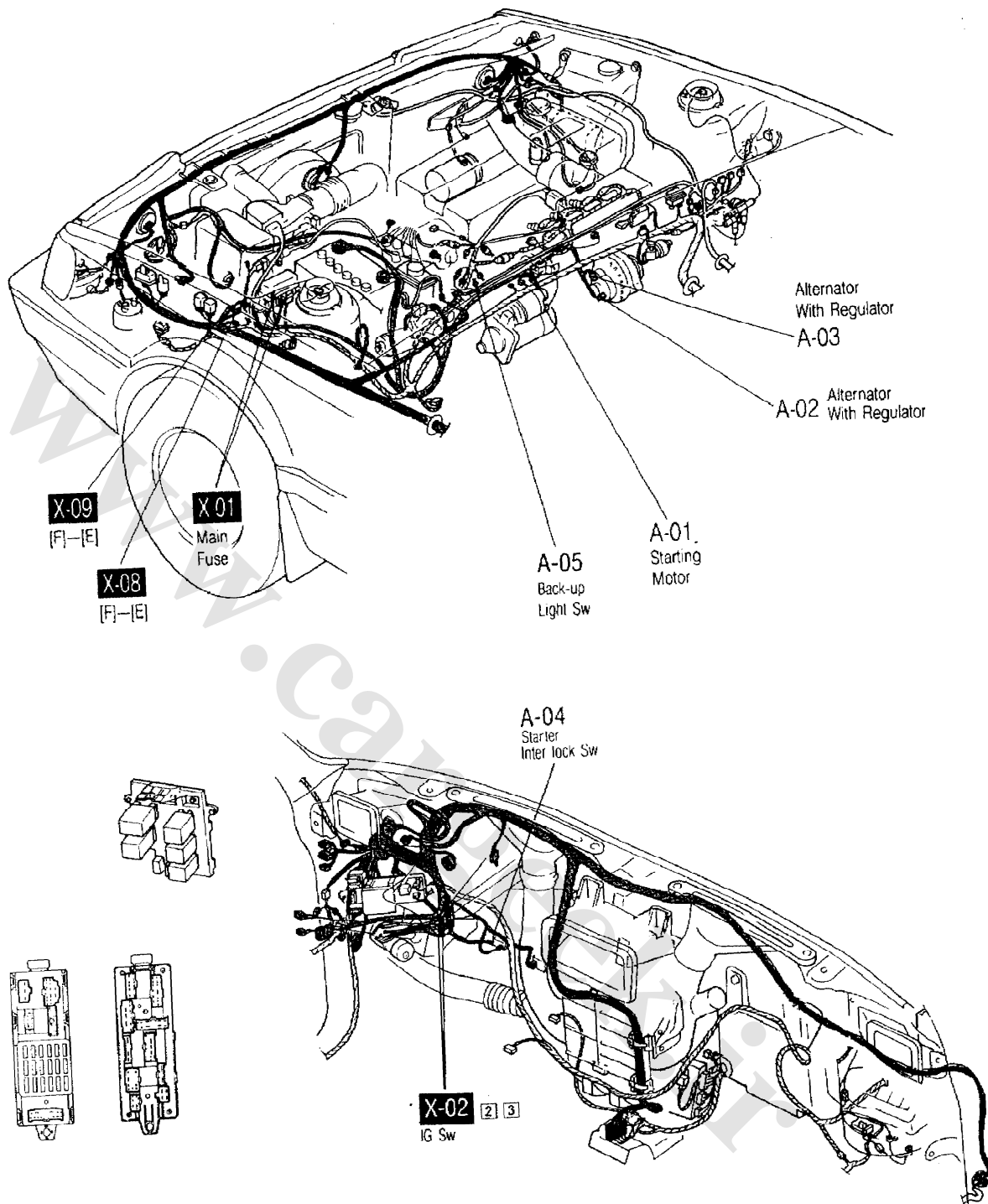
A-2

For 4WD
 ■ CHARGING SYSTEM ■ STARTING SYSTEM
 ■ STARTER INTERLOCK SYSTEM

Note:
 * ... Not Used

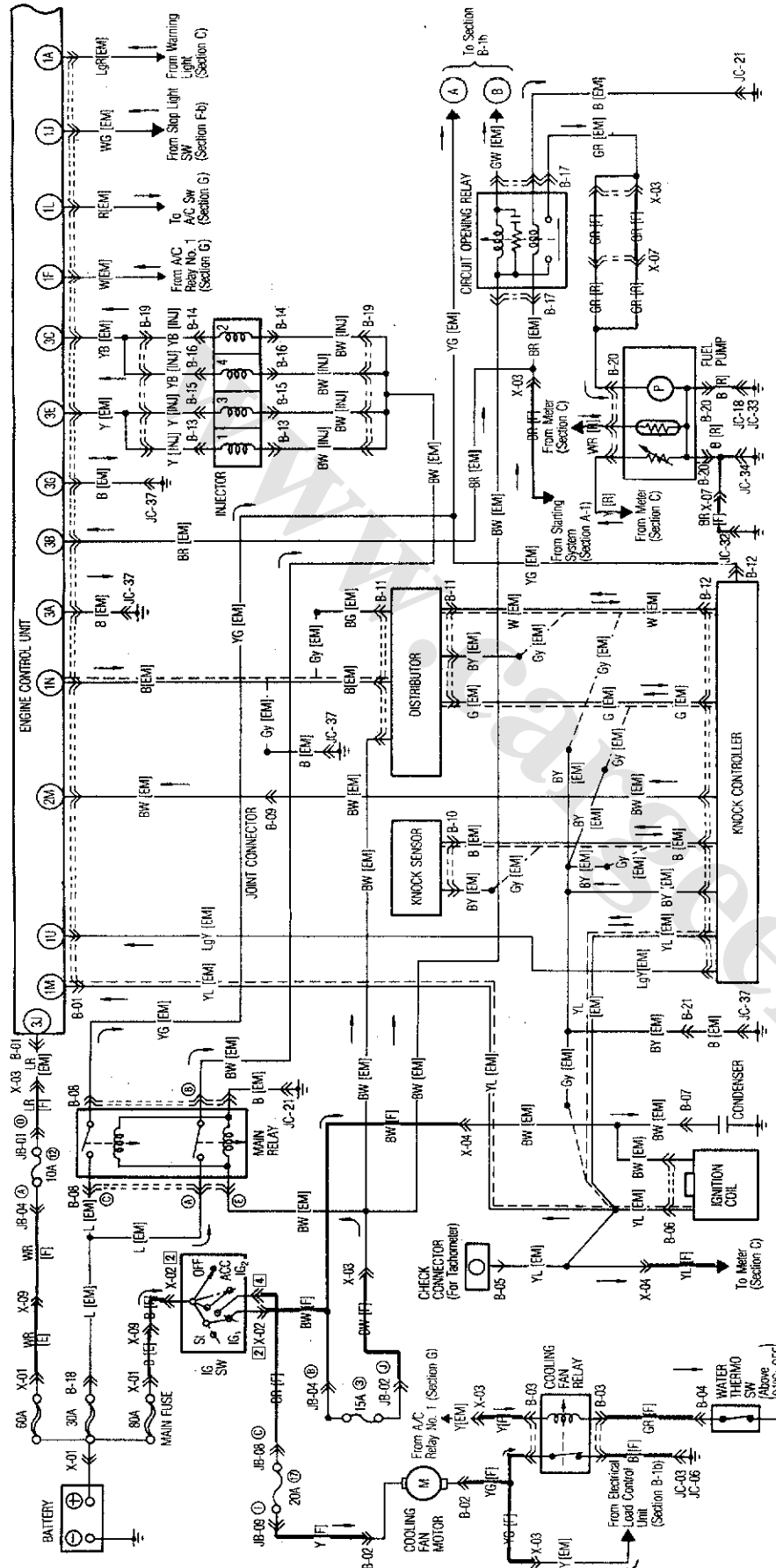


<p>A-01 Starting Motor [E]</p>  <p>BR</p>	<p>A-02 Alternator With Regulator [E]</p>  <p>WR WB</p>	<p>A-03 Alternator With Regulator [E]</p>  <p>B</p>	<p>A-04 Starter Interlock Sw [F]</p>  <p>BY — BG * —</p>
<p>A-05 Back-Up Light Sw [E]</p>  <p>BY BY [E] RW BR</p>		<p>Short Connector</p> 	

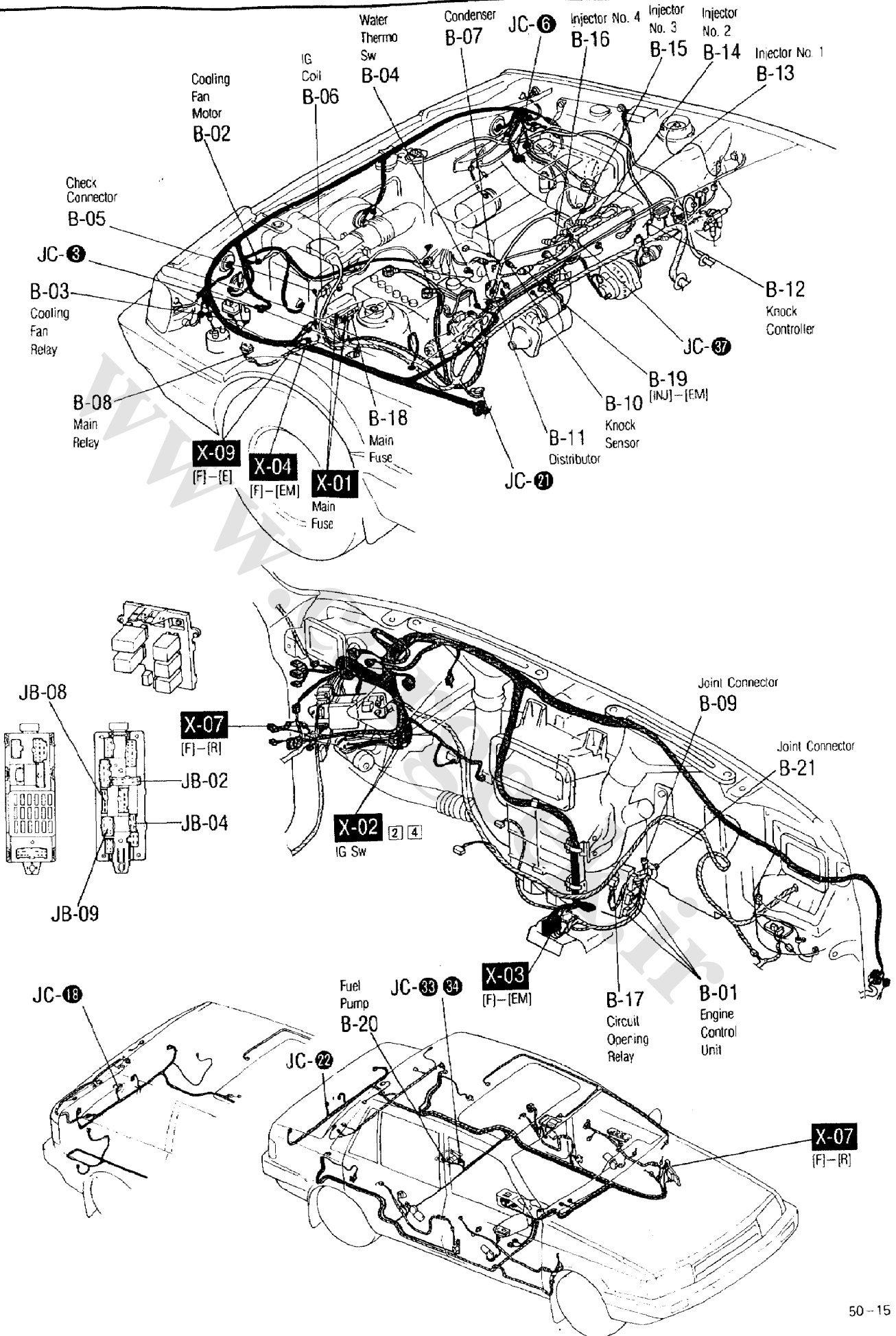


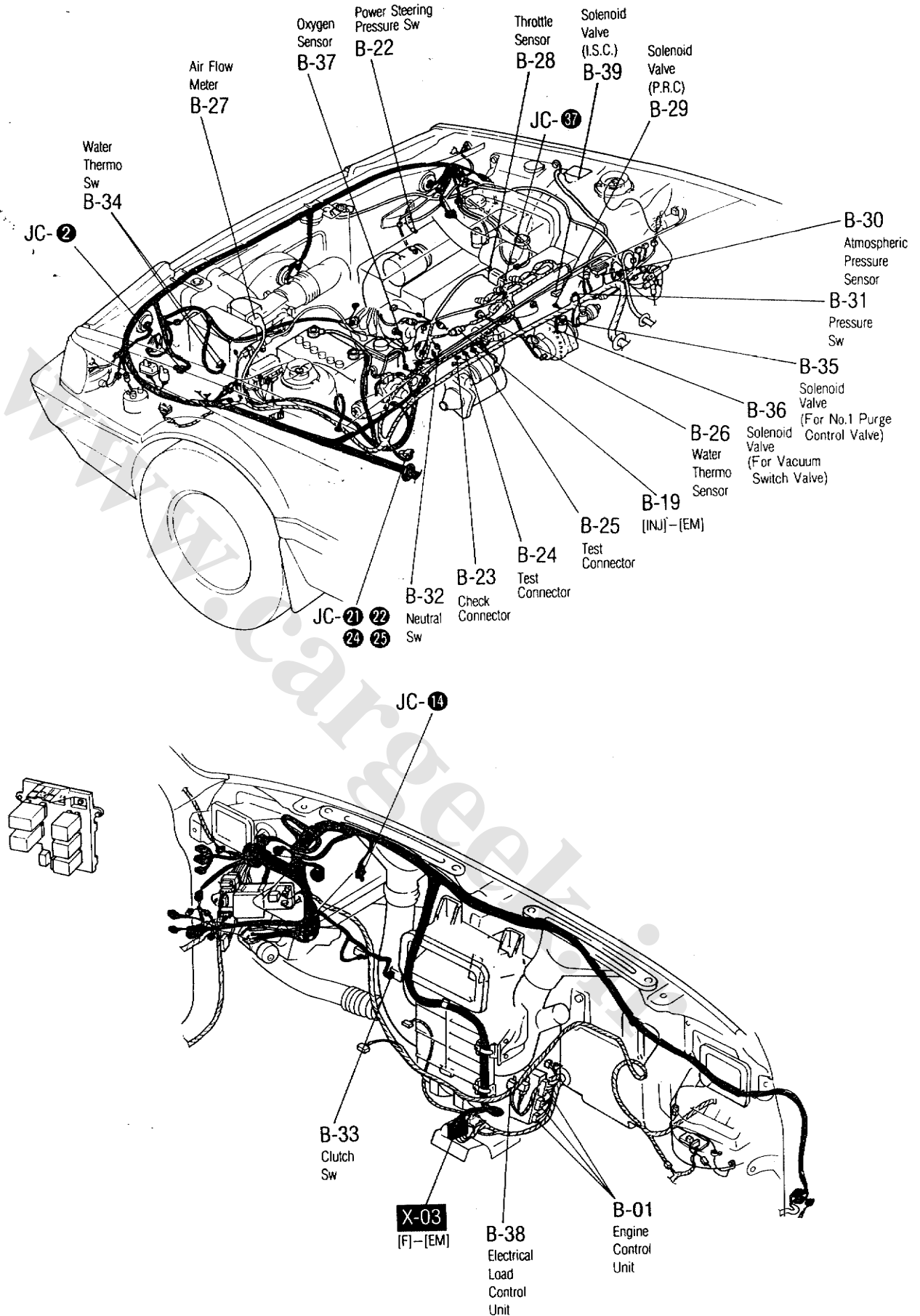
B-1a For Turbo ■ IGNITION SYSTEM ■ ENGINE & FUEL CONTROL SYSTEM ■ COOLING FAN SYSTEM

* Not Used



B-01 Engine Control Unit [EM]	YL LqY	YL GR L RL GO * LqR	YL LqY	B-02 Cooling Fan Motor [F]	Y YG	B-03 Cooling Fan Relay [F]	* YG Y B * GR	B-04 Water Thermo Sw [F]	GR
B-05 Check Connector [EM]	YL	YL BW	YL BW	B-10 Knock Sensor [EM]	BY B	B-11 Distributor [EM]	BG BY G B W	B-12 Knock Controller [EM]	W G B BW BY YL
B-13 Injector No. 1 [INJ]	Y	YB BW	YB BW GR	B-17 Circuit Opening Relay [EM]	BR BW GR B * GW	B-19 Connector Between Emission [EM] And Injector [INJ] Harness [INJ]	YB LY YG * YB BW LF G		YB Y YB BW * YB BW Y
B-14 Injector No. 2 [INJ]	YB BW	YB BW	YB BW	B-18 Main Fuse [EM]	*				
B-15 Injector No. 3 [INJ]	Y	Y	Y	B-19 Connector Between Emission [EM] And Injector [INJ] Harness [INJ]					
B-16 Injector No. 4 [INJ]	YB	YB	YB						
B-17 Circuit Opening Relay [EM]	BR BW GR B * GW	BR BW GR B * GW	BR BW GR B * GW						
B-20 Fuel Pump [F]	GR B	GR B	GR B						



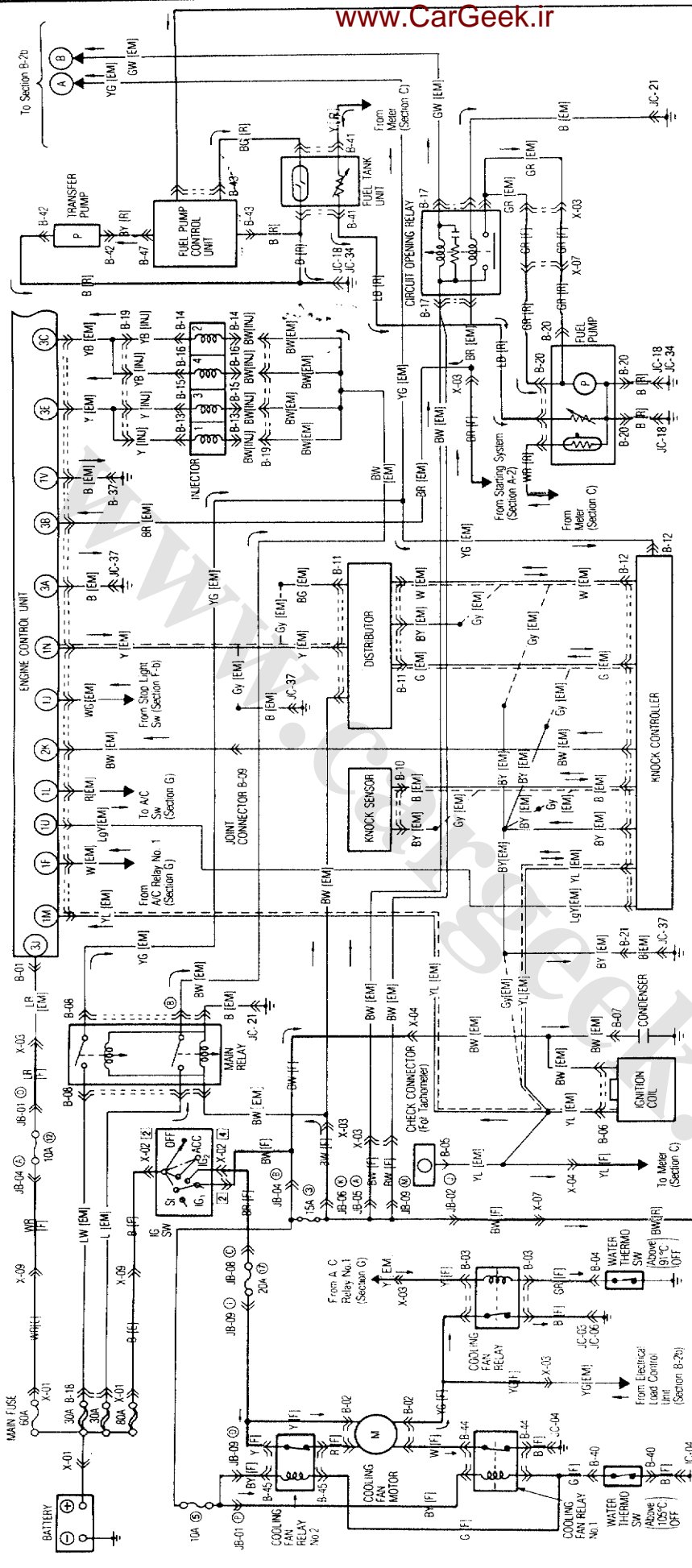


50 WIRING DIAGRAM

HARNESS COLOR, FRONT (F) ENGINE (E) REAR (R)

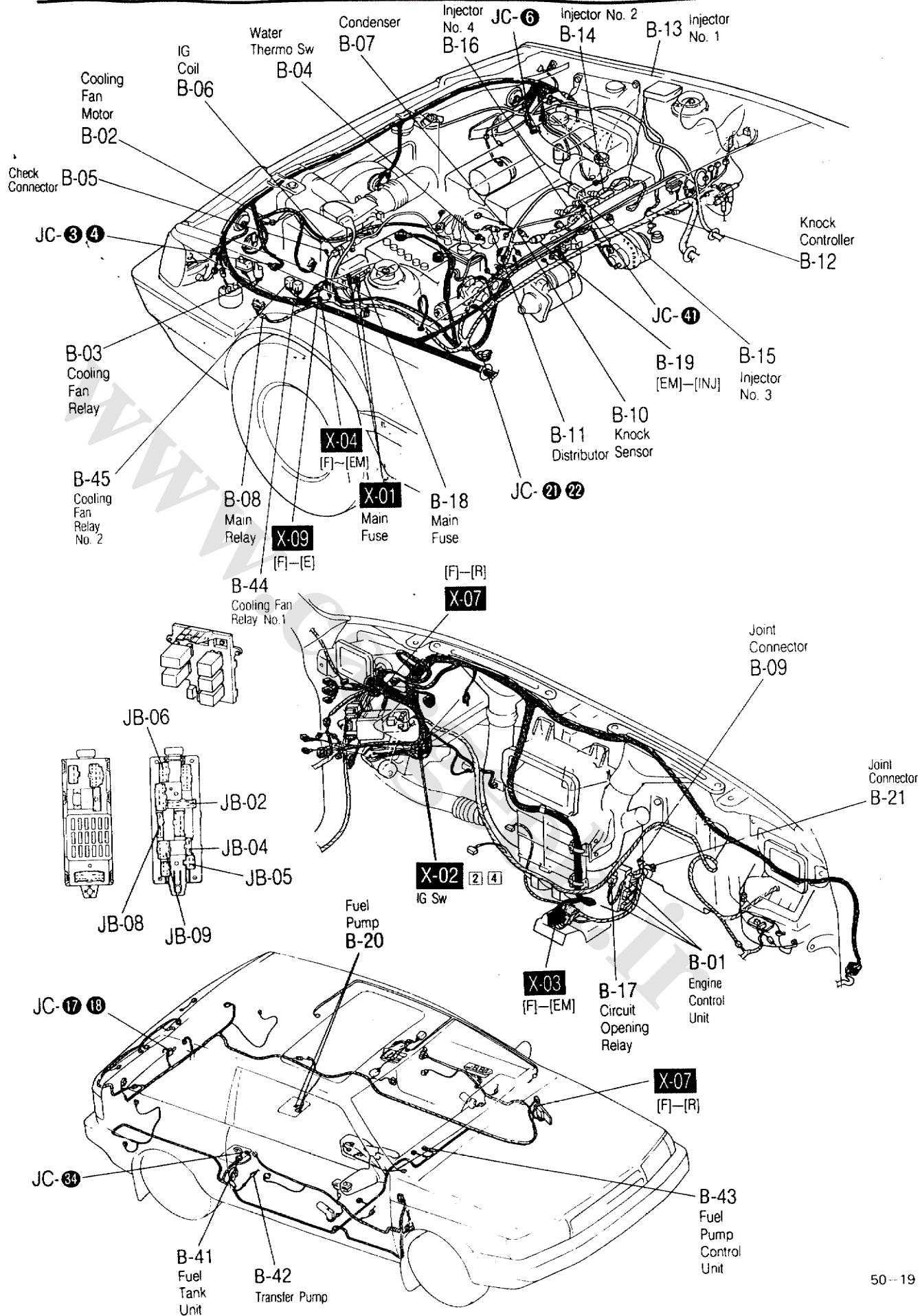
B-2a For Turbo With 4WD
 ■ IGNITION SYSTEM ■ ENGINE & FUEL CONTROL SYSTEM
 ■ COOLING FAN SYSTEM

NOTE: X Not Used



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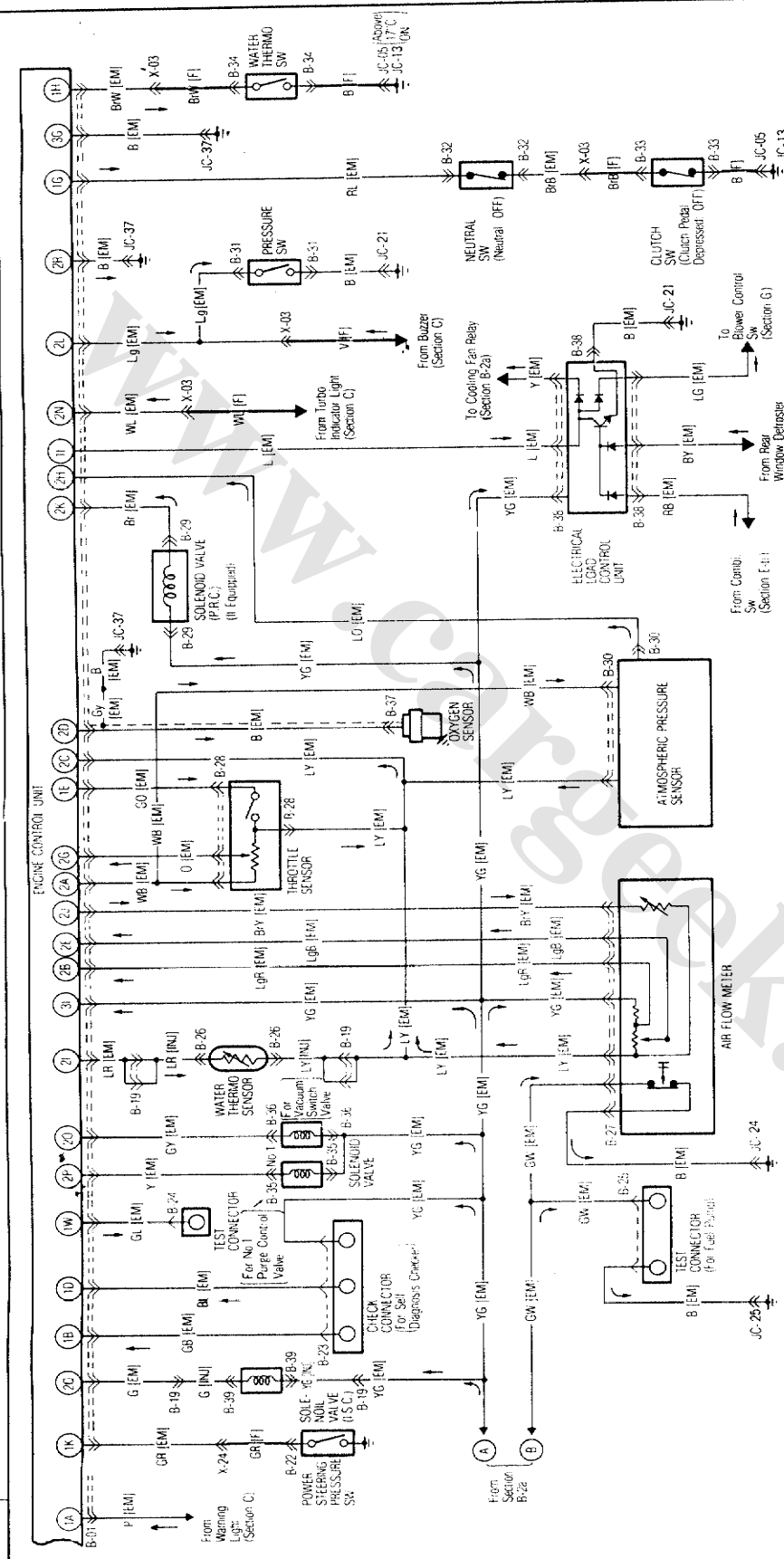
B-01 Engine Control Unit (EM)	YL GR L RL GO * P	B-03 Cooling Fan Motor (F)	YG	B-03 Cooling Fan Relay (F)	Y * B	B-04 Water Thermo Sw (F)	GR	B-05 Check Connector (EM)	YL
B-06 16 Coil (EM)	YL GR L RL GO * P	B-04 Water Thermo Sw (F)	GR	B-04 Water Thermo Sw (F)	GR	B-06 16 Coil (EM)	YL	B-06 16 Coil (EM)	YL
B-07 Condense (EM)	YL GR L RL GO * P	B-05 Check Connector (EM)	YL	B-05 Check Connector (EM)	YL	B-07 Condense (EM)	YL	B-07 Condense (EM)	YL
B-08 Main Relay (EM)	BW LW L	B-06 16 Coil (EM)	YL	B-06 16 Coil (EM)	YL	B-08 Main Relay (EM)	BW LW L	B-08 Main Relay (EM)	BW LW L
B-09 Joint Connector (EM)	G YL GR L RL GO * P	B-07 Condense (EM)	YL	B-07 Condense (EM)	YL	B-09 Joint Connector (EM)	G YL GR L RL GO * P	B-09 Joint Connector (EM)	G YL GR L RL GO * P
B-10 Knock Sensor (EM)	B Y WL Lg BY L0 * B LgR	B-08 Main Relay (EM)	BW LW L	B-08 Main Relay (EM)	BW LW L	B-10 Knock Sensor (EM)	B Y WL Lg BY L0 * B LgR	B-10 Knock Sensor (EM)	B Y WL Lg BY L0 * B LgR
B-11 Distributor (EM)	YG B Y YB B	B-09 Joint Connector (EM)	G YL GR L RL GO * P	B-09 Joint Connector (EM)	G YL GR L RL GO * P	B-11 Distributor (EM)	YG B Y YB B	B-11 Distributor (EM)	YG B Y YB B
B-12 Knock Controller (EM)	GR GR WR LB	B-10 Knock Sensor (EM)	B Y WL Lg BY L0 * B LgR	B-10 Knock Sensor (EM)	B Y WL Lg BY L0 * B LgR	B-12 Knock Controller (EM)	GR GR WR LB	B-12 Knock Controller (EM)	GR GR WR LB
B-13 Injector No.1 (IN)	Y B W BY	B-11 Distributor (EM)	YG B Y YB B	B-11 Distributor (EM)	YG B Y YB B	B-13 Injector No.1 (IN)	Y B W BY	B-13 Injector No.1 (IN)	Y B W BY
B-14 Injector No.2 (IN)	B * G	B-12 Knock Controller (EM)	GR GR WR LB	B-12 Knock Controller (EM)	GR GR WR LB	B-14 Injector No.2 (IN)	B * G	B-14 Injector No.2 (IN)	B * G
B-15 Injector No.3 (IN)	Y B W BY	B-13 Injector No.1 (IN)	Y B W BY	B-13 Injector No.1 (IN)	Y B W BY	B-15 Injector No.3 (IN)	Y B W BY	B-15 Injector No.3 (IN)	Y B W BY
B-16 Injector No.4 (IN)	B * G	B-14 Injector No.2 (IN)	B * G	B-14 Injector No.2 (IN)	B * G	B-16 Injector No.4 (IN)	B * G	B-16 Injector No.4 (IN)	B * G
B-17 Critical Opening Relay (EM)	BW GR GR	B-15 Injector No.3 (IN)	Y B W BY	B-15 Injector No.3 (IN)	Y B W BY	B-17 Critical Opening Relay (EM)	BW GR GR	B-17 Critical Opening Relay (EM)	BW GR GR
B-18 Main Fuse (EM)	BW	B-16 Injector No.4 (IN)	B * G	B-16 Injector No.4 (IN)	B * G	B-18 Main Fuse (EM)	BW	B-18 Main Fuse (EM)	BW
B-19 Connector Between Emission (EM) And Injector Harness (IN)	Y B W BY	B-17 Critical Opening Relay (EM)	BW GR GR	B-17 Critical Opening Relay (EM)	BW GR GR	B-19 Connector Between Emission (EM) And Injector Harness (IN)	Y B W BY	B-19 Connector Between Emission (EM) And Injector Harness (IN)	Y B W BY
B-20 Fuel Pump (R)	B * G	B-18 Main Fuse (EM)	BW	B-18 Main Fuse (EM)	BW	B-20 Fuel Pump (R)	B * G	B-20 Fuel Pump (R)	B * G
B-21 Joint Connector (EM)	B * G	B-19 Connector Between Emission (EM) And Injector Harness (IN)	Y B W BY	B-19 Connector Between Emission (EM) And Injector Harness (IN)	Y B W BY	B-21 Joint Connector (EM)	B * G	B-21 Joint Connector (EM)	B * G
B-22 Cooling Fan Relay No.2 (F)	Y B W BY	B-20 Fuel Pump (R)	B * G	B-20 Fuel Pump (R)	B * G	B-22 Cooling Fan Relay No.2 (F)	Y B W BY	B-22 Cooling Fan Relay No.2 (F)	Y B W BY
B-23 Cooling Fan Relay No.1 (F)	B * G	B-21 Joint Connector (EM)	B * G	B-21 Joint Connector (EM)	B * G	B-23 Cooling Fan Relay No.1 (F)	B * G	B-23 Cooling Fan Relay No.1 (F)	B * G
B-24 Transfer Pump (R)	Y B W BY	B-22 Cooling Fan Relay No.2 (F)	Y B W BY	B-22 Cooling Fan Relay No.2 (F)	Y B W BY	B-24 Transfer Pump (R)	Y B W BY	B-24 Transfer Pump (R)	Y B W BY
B-25 Fuel Tank Unit (R)	B * G	B-23 Cooling Fan Relay No.1 (F)	B * G	B-23 Cooling Fan Relay No.1 (F)	B * G	B-25 Fuel Tank Unit (R)	B * G	B-25 Fuel Tank Unit (R)	B * G
B-26 Fuel Tank Unit (R)	Y B W BY	B-24 Transfer Pump (R)	Y B W BY	B-24 Transfer Pump (R)	Y B W BY	B-26 Fuel Tank Unit (R)	Y B W BY	B-26 Fuel Tank Unit (R)	Y B W BY
B-27 Fuel Tank Unit (R)	B * G	B-25 Fuel Tank Unit (R)	B * G	B-25 Fuel Tank Unit (R)	B * G	B-27 Fuel Tank Unit (R)	B * G	B-27 Fuel Tank Unit (R)	B * G



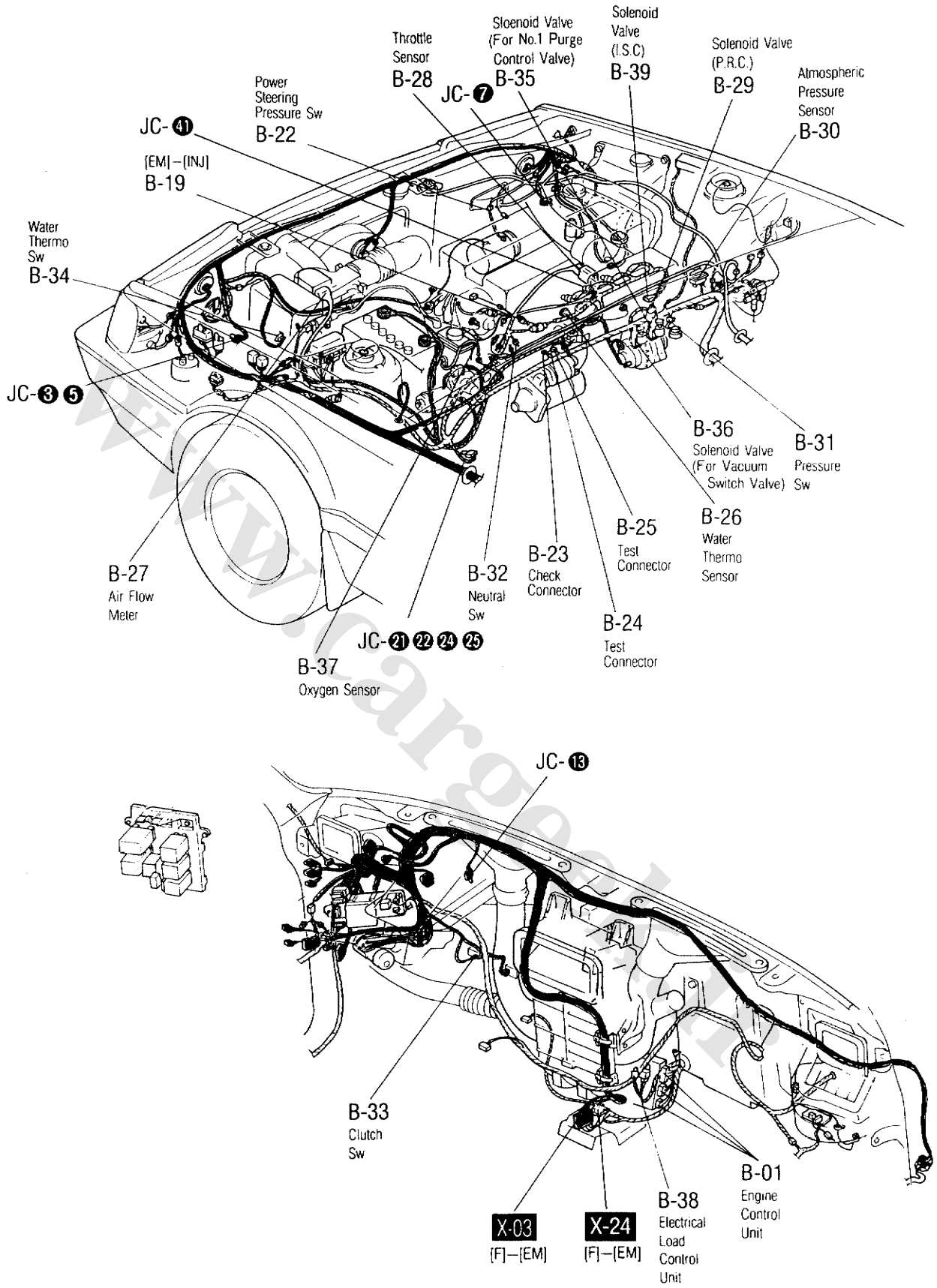
For Turbo With 4WD

ENGINE & FUEL CONTROL SYSTEM

Note: * No. 11-200



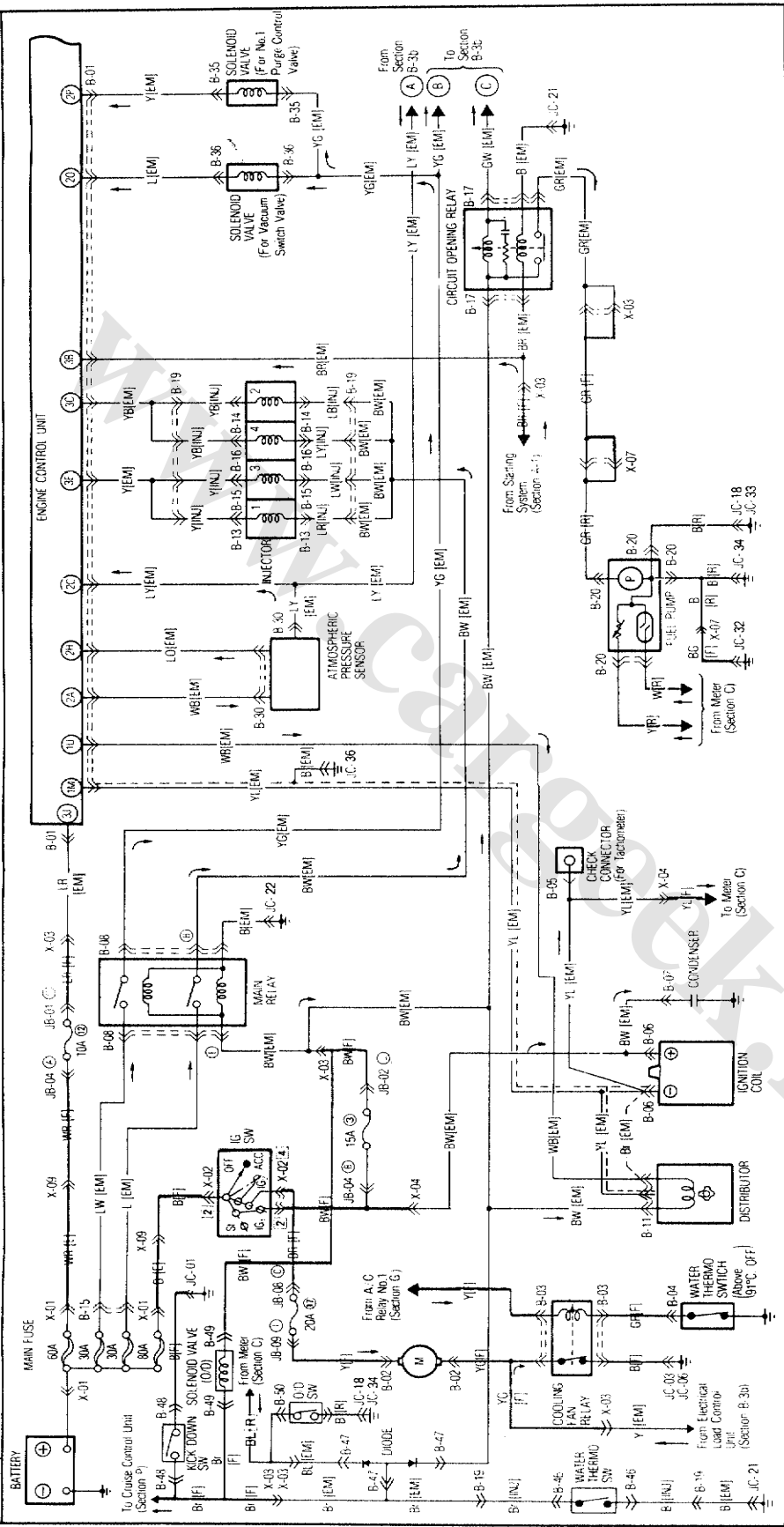
<p>B-01 Engine Control Unit [EM]</p>	<p>B-22 Power Steering Pressure Sw [F]</p>	<p>B-23 Check Connector [EM]</p>	<p>B-24 Test Connector [EM]</p>	<p>B-25 Test Connector [EM]</p>
<p>B-02 Water Thermo Sensor [EM]</p>	<p>B-26 Water Thermo Sensor [EM]</p>	<p>B-27 Air Flow Meter [EM]</p>	<p>B-28 Throttle Sensor [EM]</p>	<p>B-29 Solenoid Valve (P.R.C.) [EM]</p>
<p>B-03 Atmospheric Pressure Sensor [EM]</p>	<p>B-30 Atmospheric Pressure Sensor [EM]</p>	<p>B-31 Pressure Sw [EM]</p>	<p>B-32 Neutral Sw [EM]</p>	<p>B-33 Clutch Sw [F]</p>
<p>B-04 Solenoid Valve [EM]</p>	<p>B-34 Solenoid Valve [EM]</p>	<p>B-35 Solenoid Valve [EM]</p>	<p>B-36 Solenoid Valve [EM]</p>	<p>B-37 Oxygen Sensor [EM]</p>



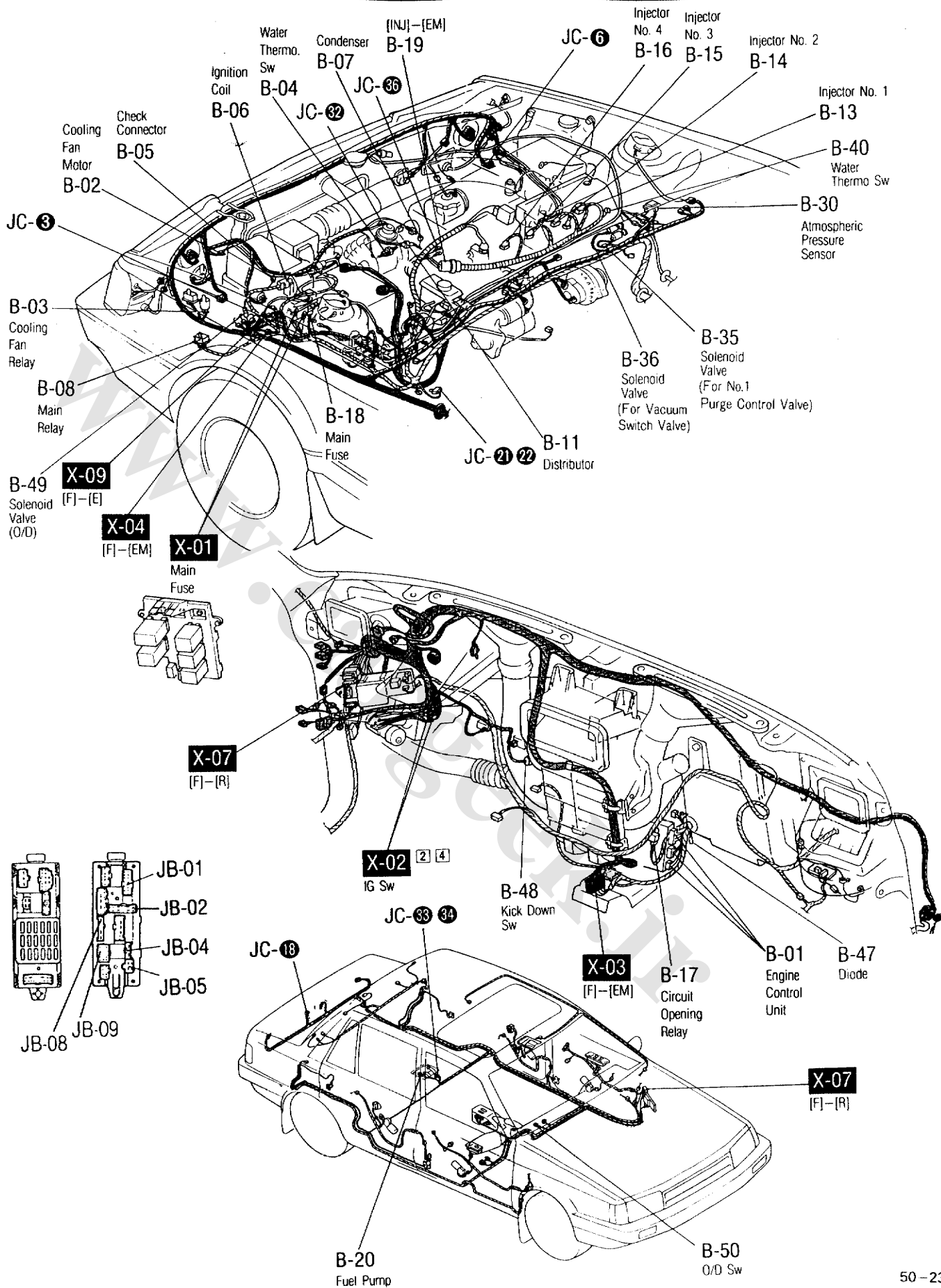
For Non Turbo

■ IGNITION SYSTEM ■ ENGINE & FUEL CONTROL SYSTEM

■ COOLING FAN SYSTEM ■ 4AT CONTROL SYSTEM



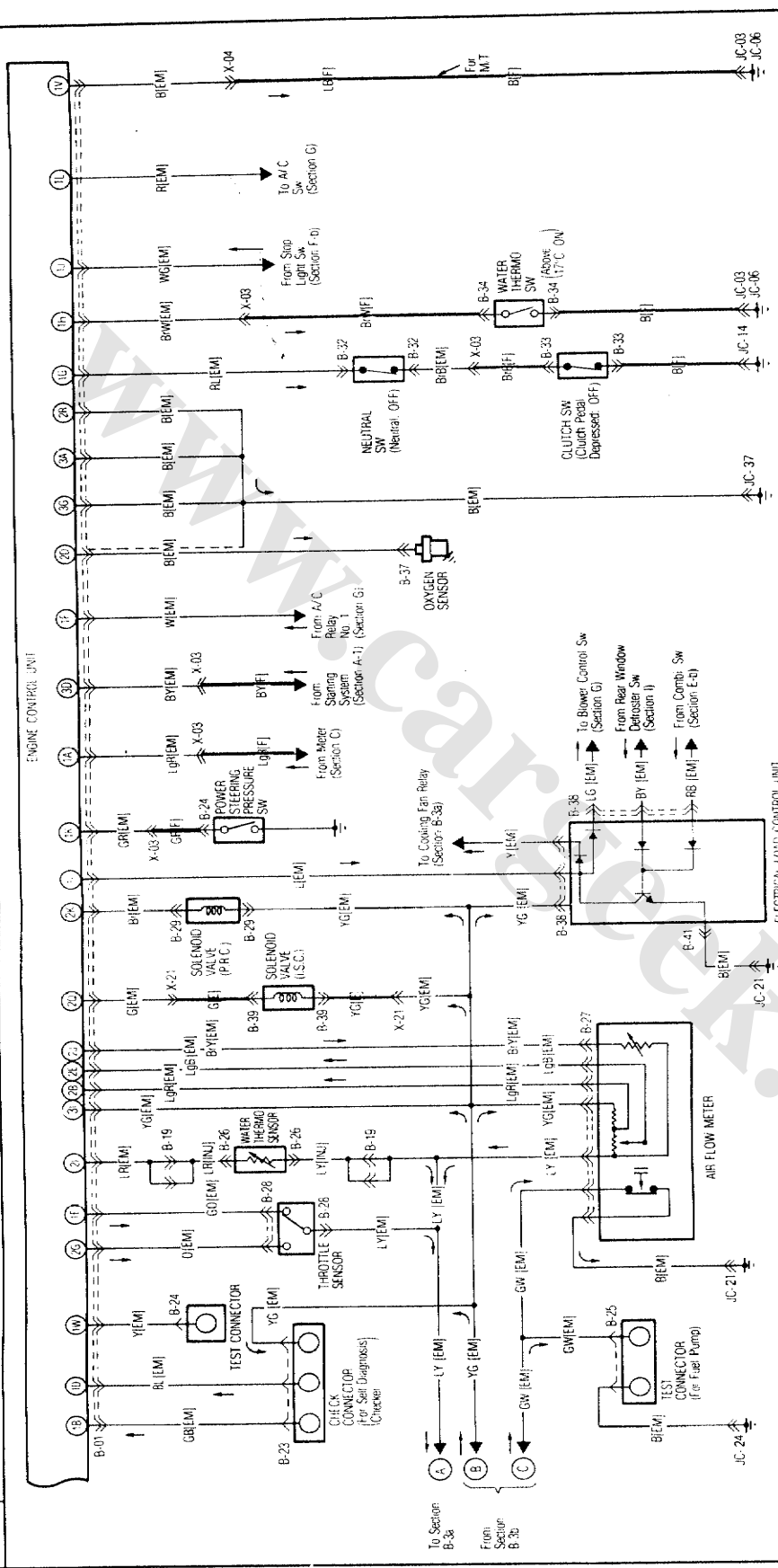
B-01 Engine Control Unit [EM]	Y WB X VL GR L RL GO X LGF B L R L R 0 LGF LY WB	B-02 Cooling Fan Motor [F]	Y VG	B-03 Cooling Fan Relay [F]	X VG Y B GR	B-04 Water Thermo Sw [F]	GR
B-05 Check Connector [EM]	YL	B-11 Distributor [EM]	YG B Y YB B	B-13 Injector No 1 [INJ]	Y LR	B-15 Injector No 3 [INJ]	Y LR LW
B-16 Injector No 4 [INJ]	YB GR LY	B-30 Atmospheric Pressure Sensor [EM]	BW YL WB	B-14 Injector No 2 [INJ]	YB LR LB	B-19 Connector Between Emission [EM] And Injector [INJ] Harness	YB LY LY YB LY LY YB LY LY YB LY LY YB LY LY YB LY LY
B-36 Solenoid Valve [EM] (For Vacuum Switch Valve)	YL	B-35 Solenoid Valve [EM] (For No.1 Purge Control Valve)	LO WB	B-19 Connector Between Emission [EM] And Injector [INJ] Harness	Y YG	B-50 O/D Sw [R]	B
B-46 Water Thermo Sw [F]	B	B-49 Solenoid Valve [F] (For Vacuum Switch Valve)	BL BW	B-50 O/D Sw [R]	B	B-50 O/D Sw [R]	B



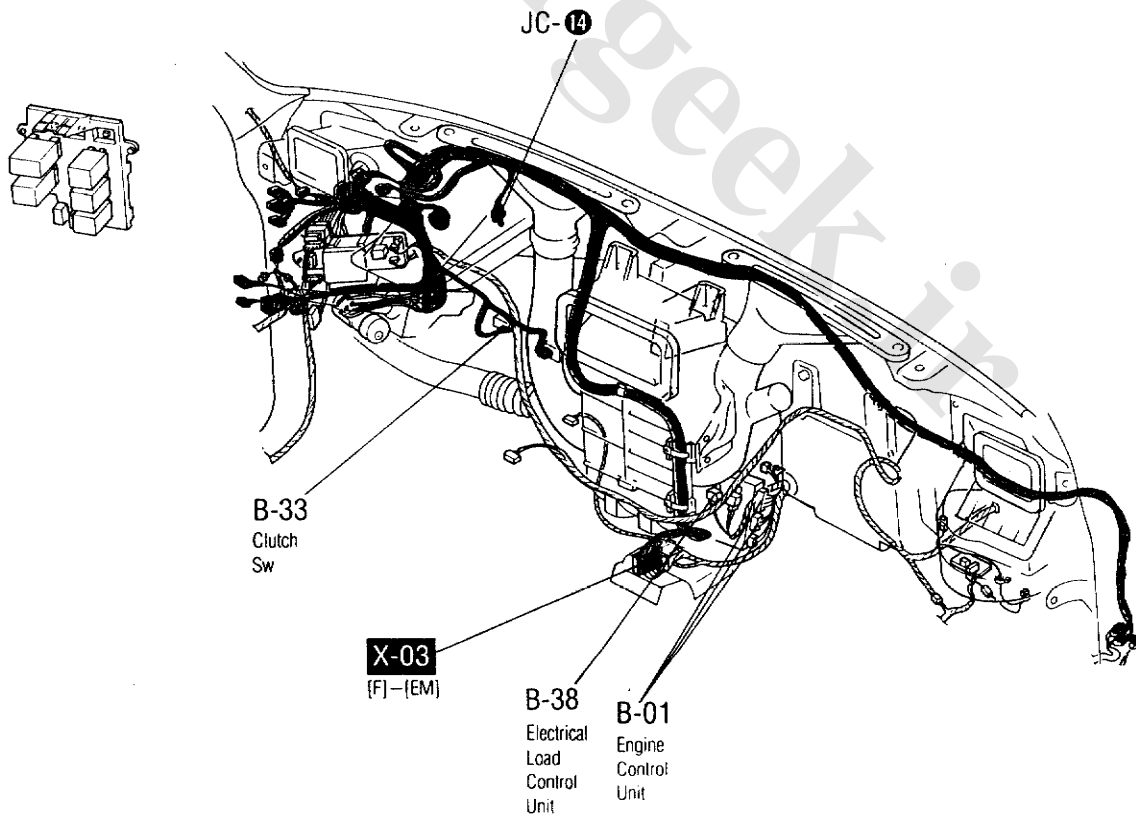
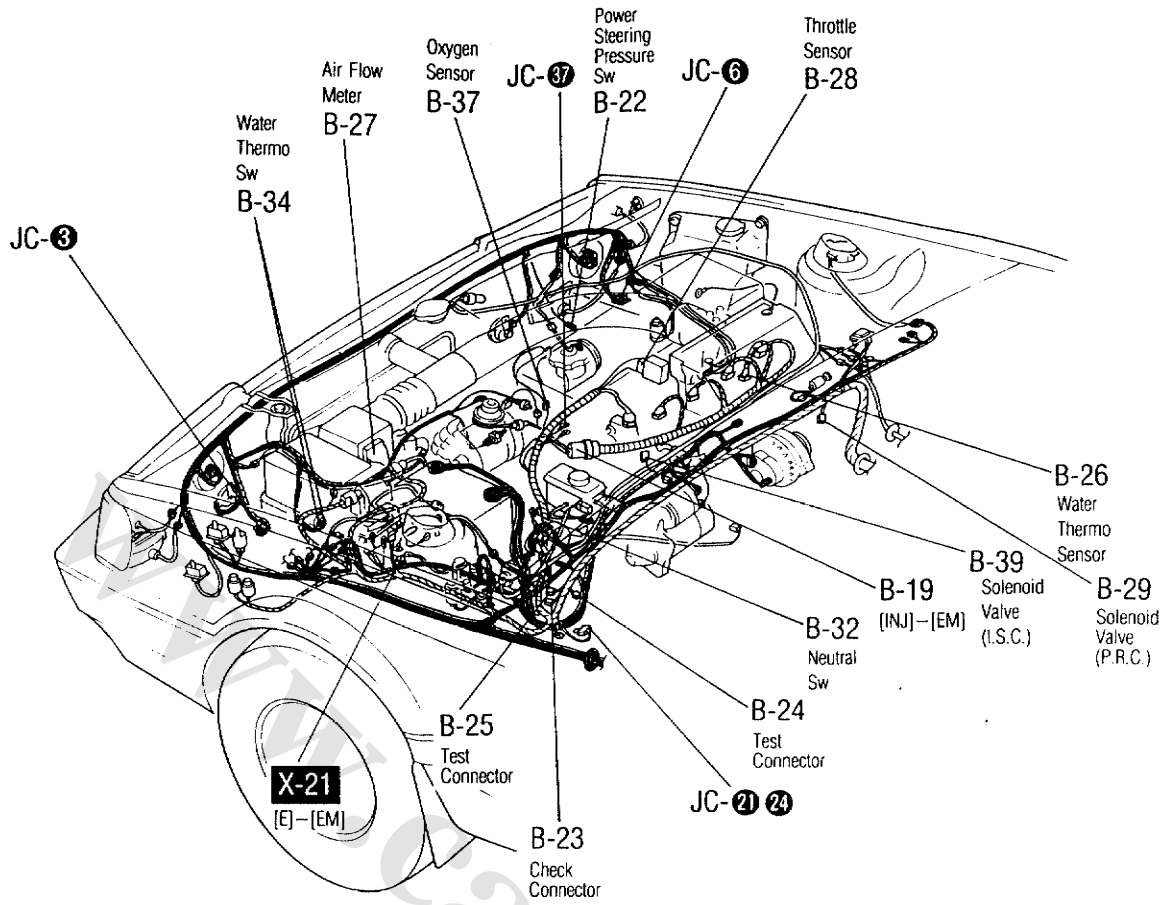
For Non Turbo ■ ENGINE & FUEL CONTROL SYSTEM

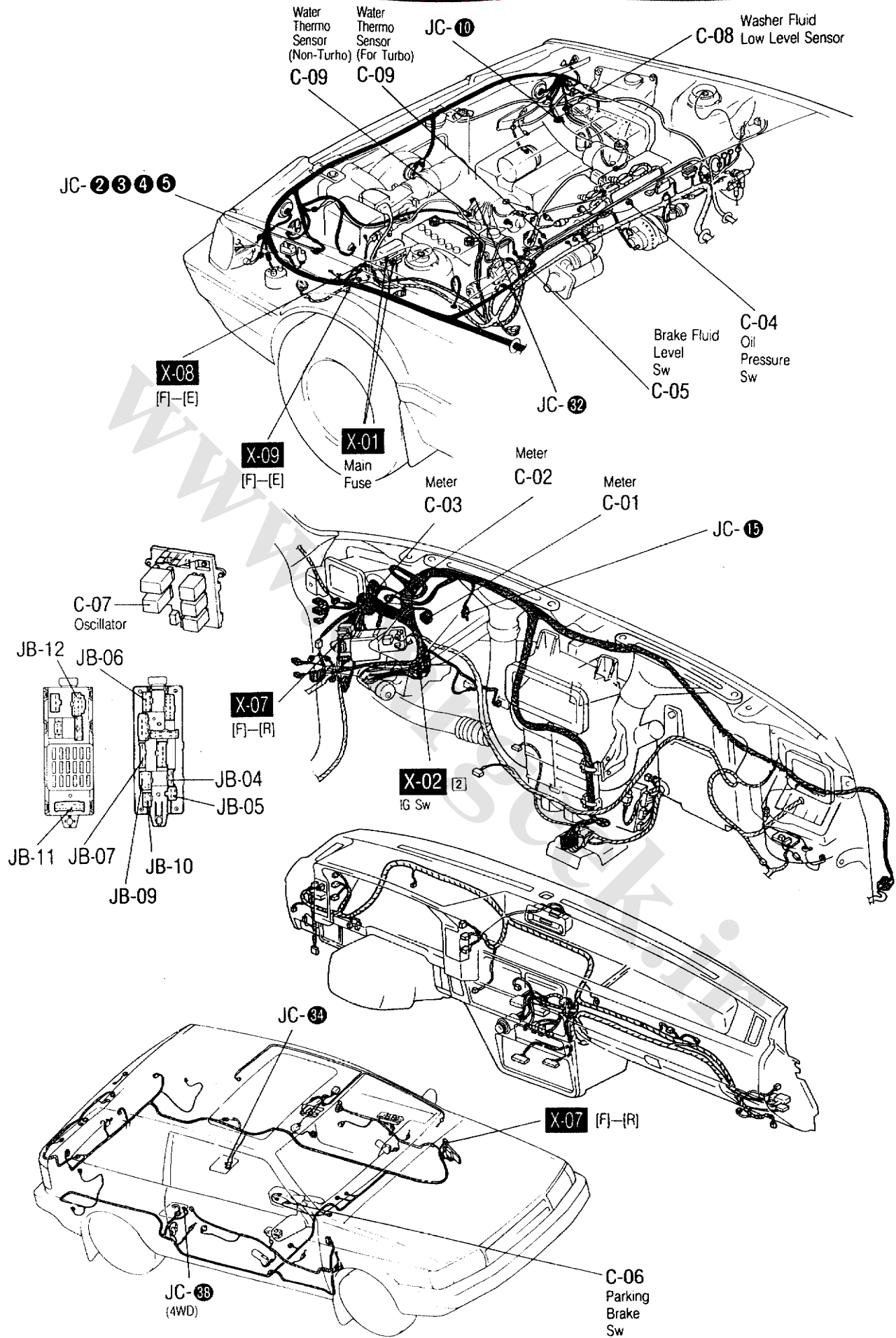
B-3b

NOTE * Not Used



<p>B-01 Engine Control Unit [EM]</p>	<p>B-25 Test Connector [EM]</p>	<p>B-24 Test Connector [EM]</p>	<p>B-23 Check Connector [EM]</p>	<p>B-22 Power Steering Pressure Sw [F]</p>	<p>B-19 Connector Between Emission [EM] And Injector [INJ] Harness</p>	<p>B-38 Electrical Load Control Unit [EM]</p>	<p>B-38 Electrical Load Control Unit [EM]</p>
<p>B-29 Solenoid Valve (P.R.C.) [EM]</p>	<p>B-28 Throttle Sensor [EM]</p>	<p>B-27 Air Flow Meter [EM]</p>	<p>B-26 Water Thermo Sensor [INJ]</p>	<p>B-26 Water Thermo Sensor [INJ]</p>	<p>B-26 Water Thermo Sensor [INJ]</p>	<p>B-38 Solenoid Valve (I.S.C.) [E]</p>	<p>B-38 Solenoid Valve (I.S.C.) [E]</p>
<p>B-37 Oxygen Sensor [EM]</p>	<p>B-34 Water Thermo Sw [F]</p>	<p>B-33 Clutch Sw [F]</p>	<p>B-32 Neutral Sw [EM]</p>	<p>B-32 Neutral Sw [EM]</p>	<p>B-32 Neutral Sw [EM]</p>	<p>B-32 Neutral Sw [EM]</p>	<p>B-32 Neutral Sw [EM]</p>
<p>B-37 Oxygen Sensor [EM]</p>	<p>B-34 Water Thermo Sw [F]</p>	<p>B-33 Clutch Sw [F]</p>	<p>B-32 Neutral Sw [EM]</p>	<p>B-32 Neutral Sw [EM]</p>	<p>B-32 Neutral Sw [EM]</p>	<p>B-32 Neutral Sw [EM]</p>	<p>B-32 Neutral Sw [EM]</p>

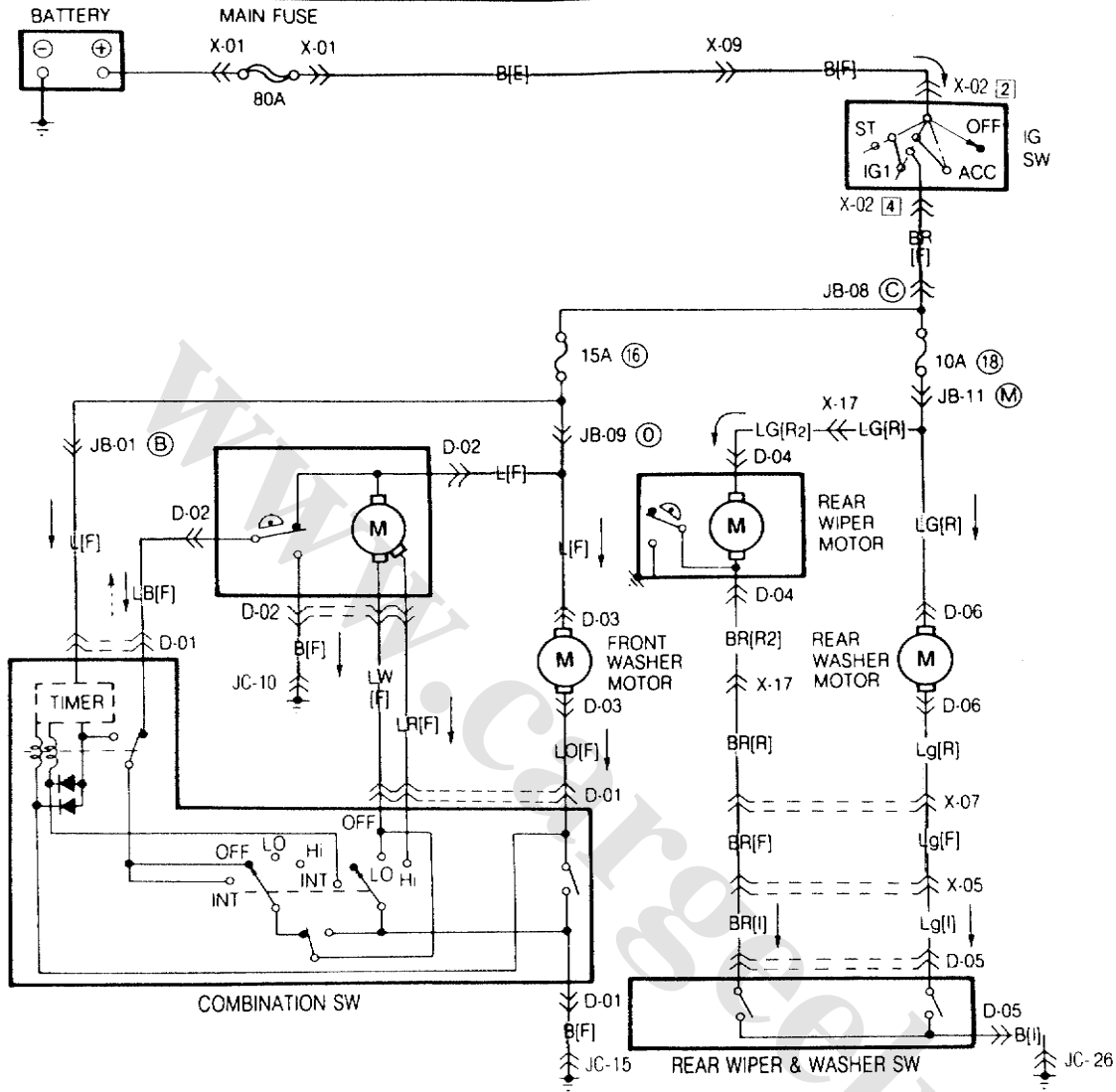




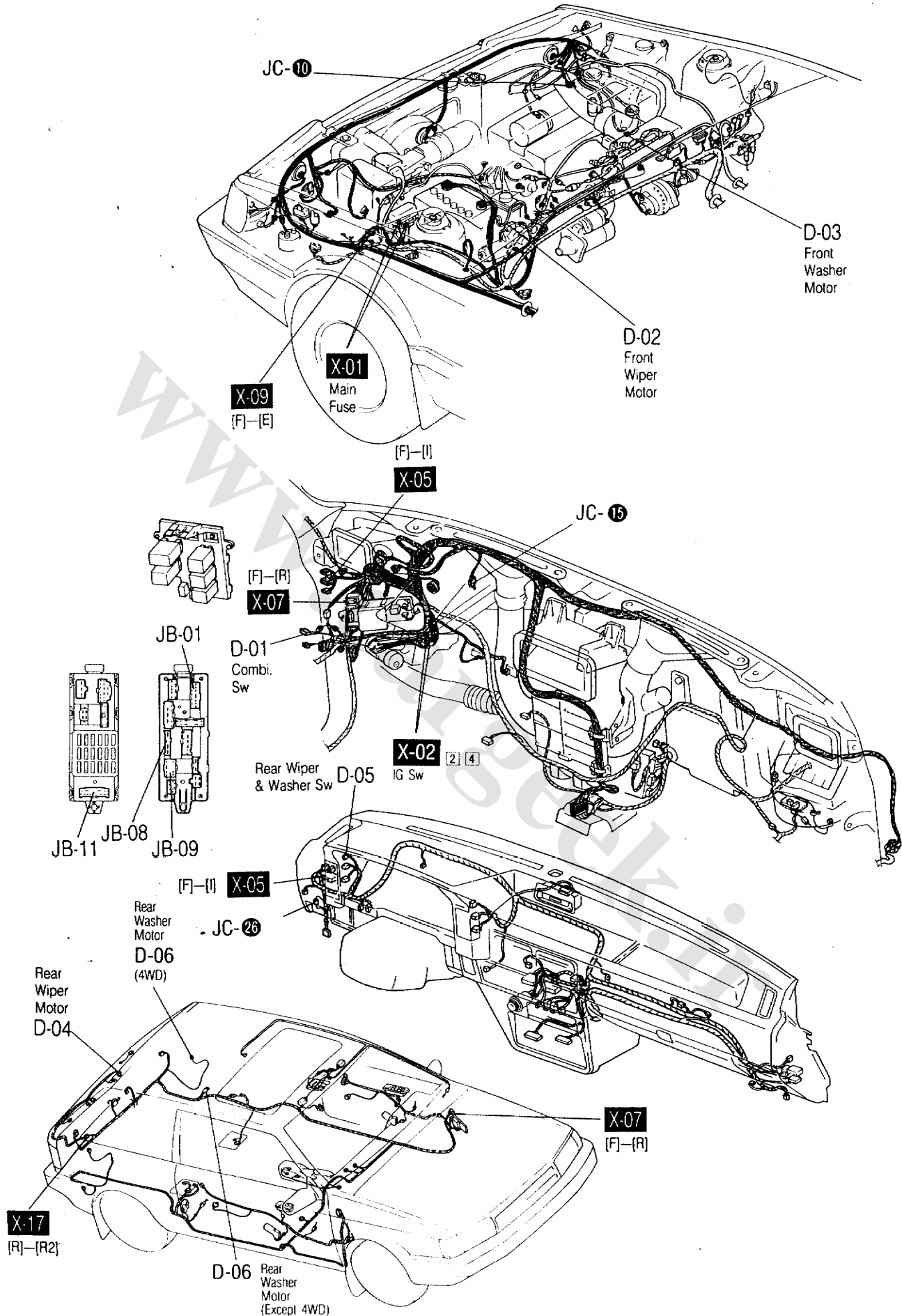
D

■ FRONT WIPER & WASHER
■ REAR WIPER & WASHER (3 & 5 Door)

Note: * ... Not Used



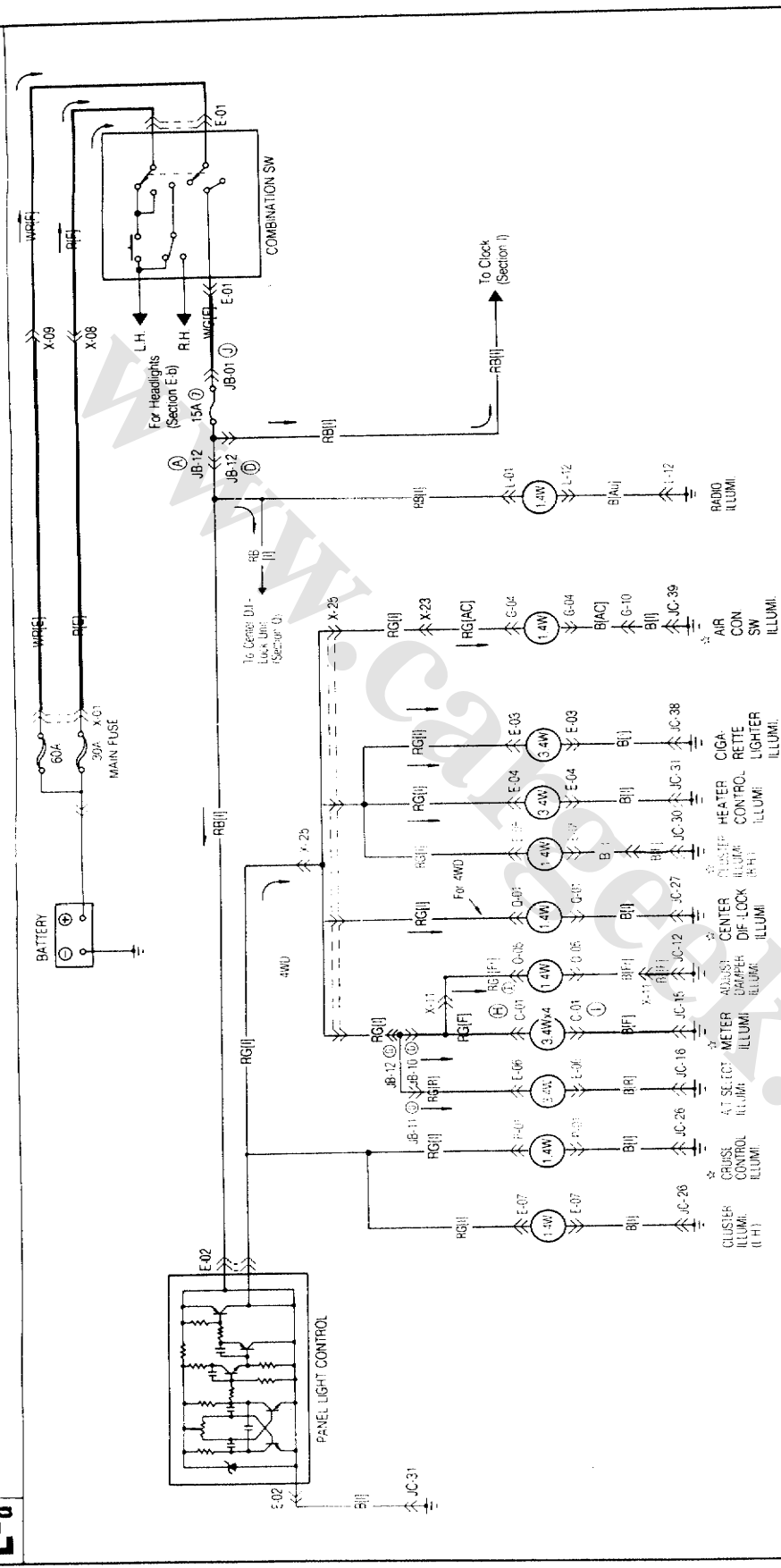
<p>D-01 Combination Sw [F]</p>	<p>D-02 Front Wiper Motor [F]</p>	<p>D-03 Front Washer Motor [F]</p>	<p>D-04 Rear Wiper Motor [R2]</p>
<p>D-05 Rear Wiper & Washer Sw [I]</p>	<p>D-06 Rear Washer Motor [R]</p>		



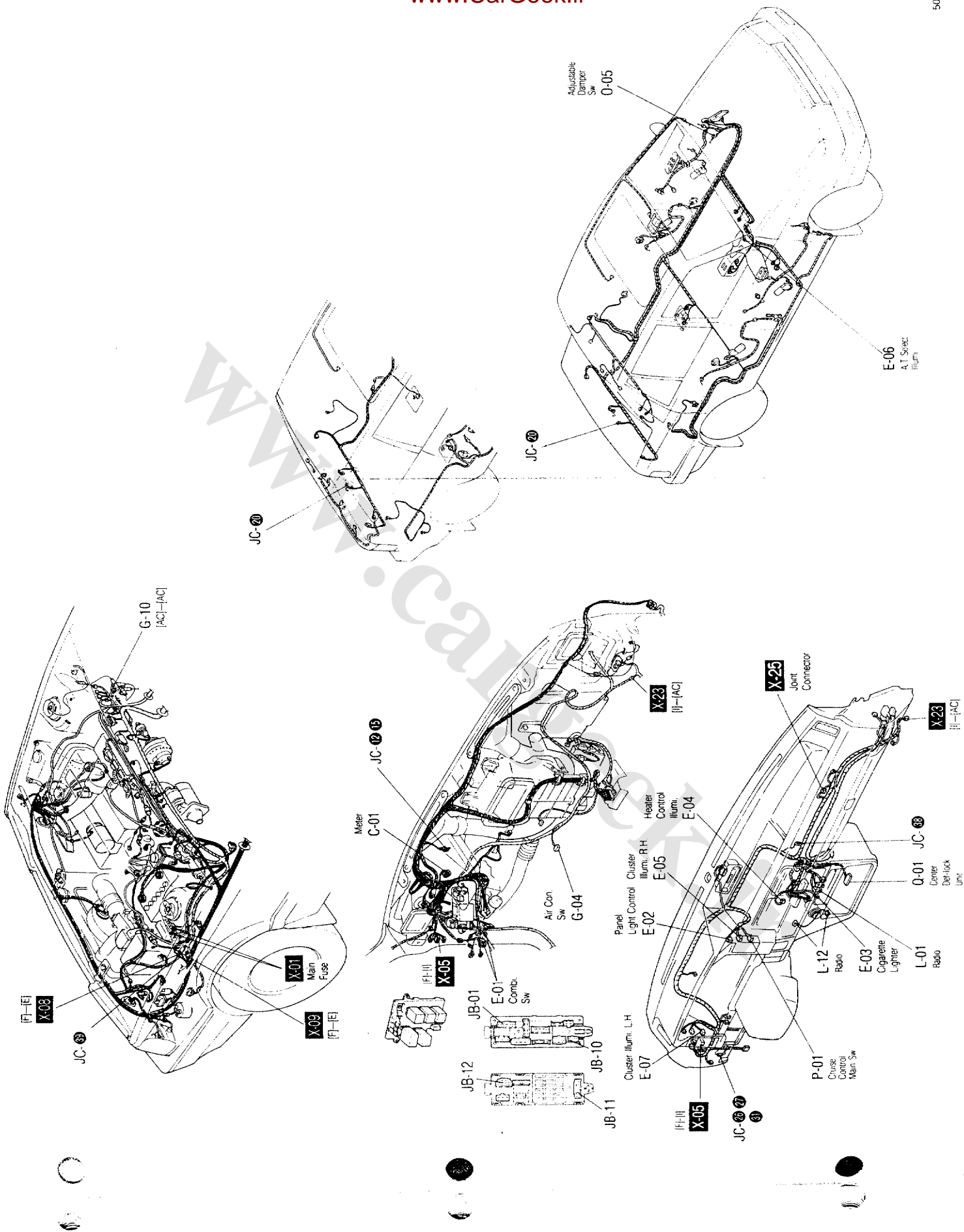
50 WIRING DIAGRAM (WIRING COLOR: FRONT) FIGURE 11-11 1964-1965

E-a ■ ILLUMINATION LIGHT CONTROL SYSTEM

Note: 1. See illustration in each system for J.B. 1047



<p>E-01 Combination Sw (F)</p>	<p>E-02 Panel Light Control (I)</p>	<p>E-03 Cigarette Lighter illum. (I)</p>	<p>E-04 Heater Control illum. (I)</p>	<p>E-05 Cluster illum. R.H. (I)</p>	<p>E-06 A-1 Select illum. (R)</p>	<p>E-07 Cluster illum. L.H. (I)</p>
<p>E-01 Crank Control Meter Sw (I)</p>						



50 WIRING DIAGRAM

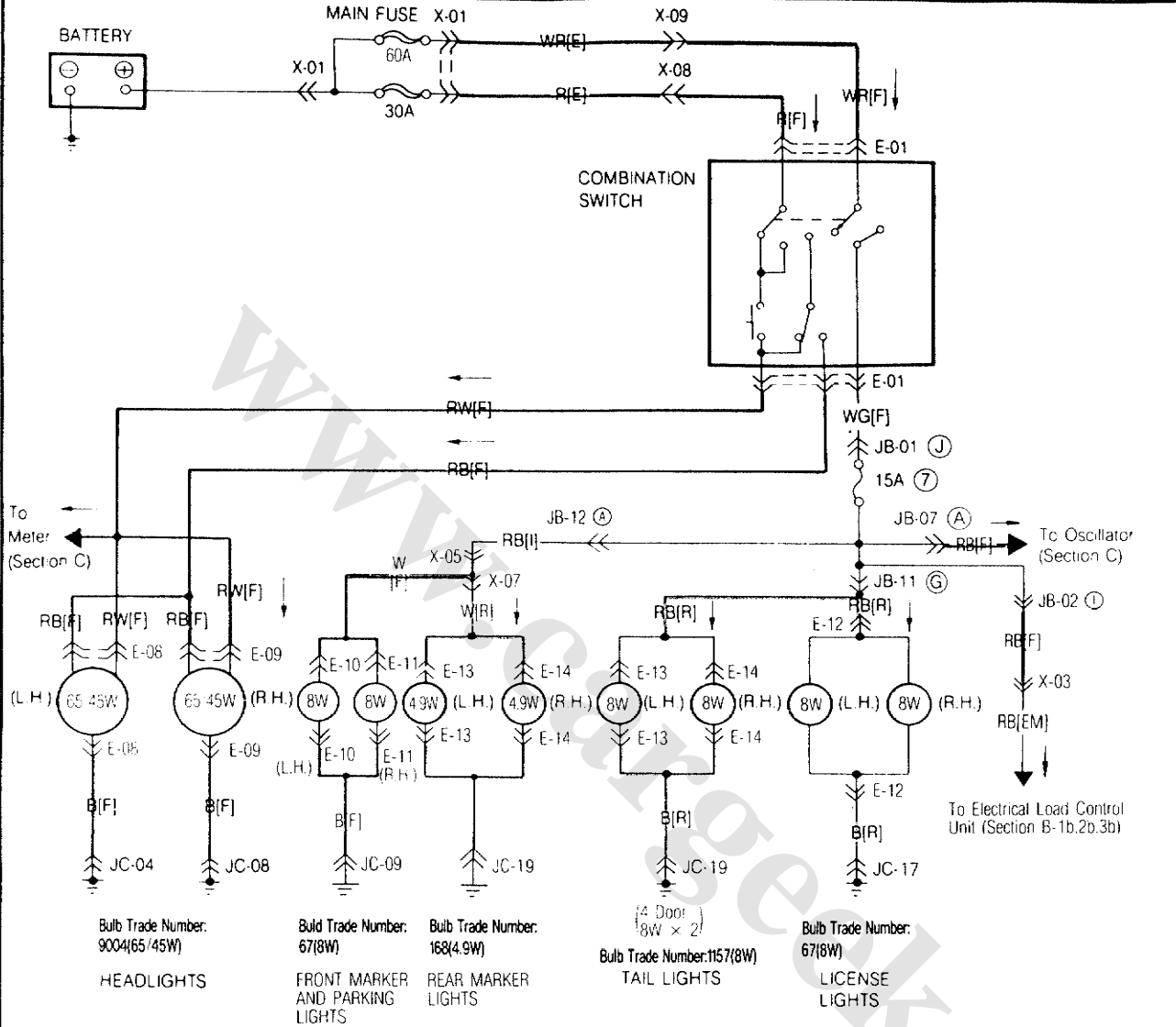
HARNNESS COLOR FRONT [F] ENGINE [E] INST [I] REAR [R]

E-b

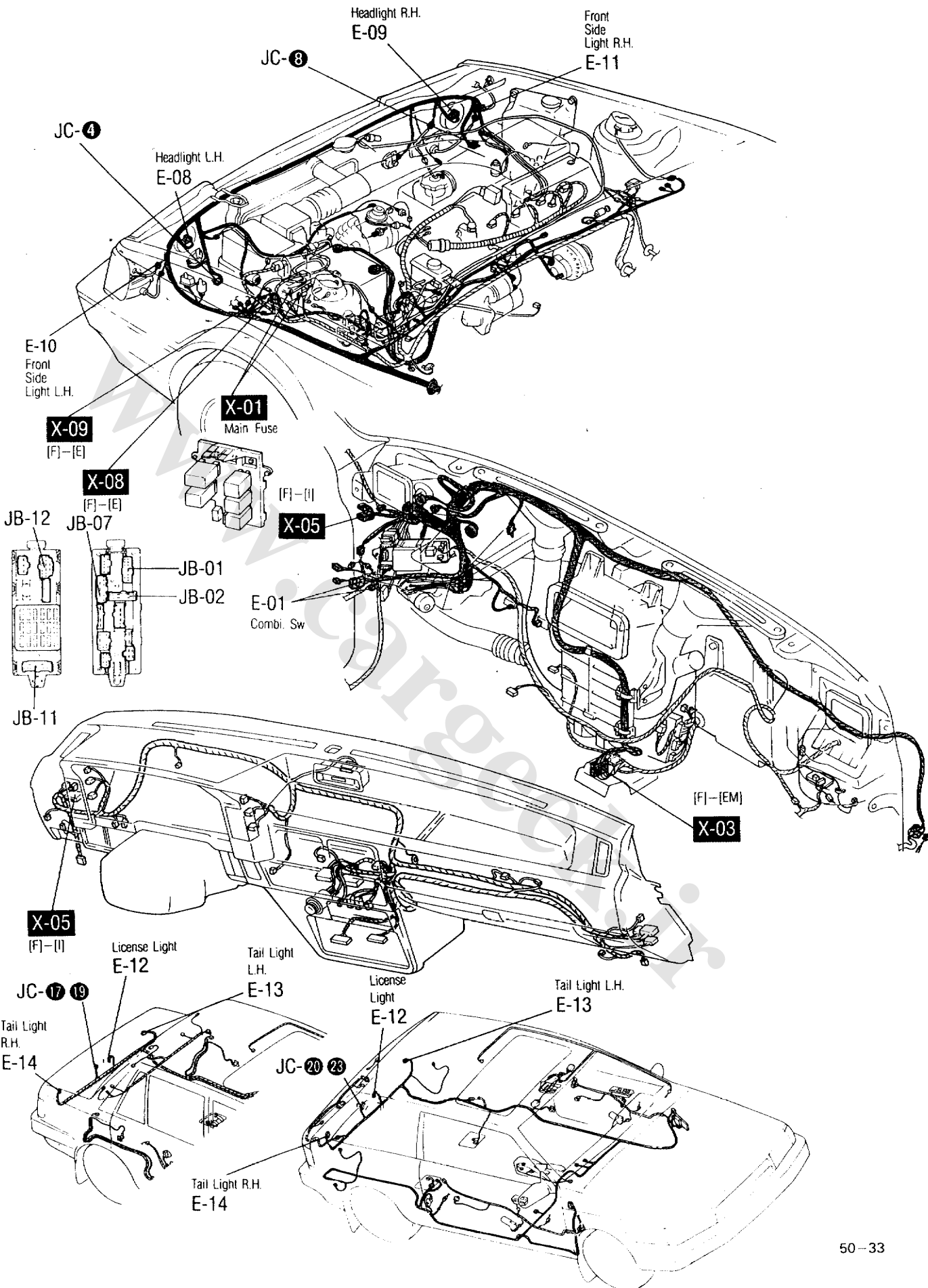
- FRONT MARKER LIGHTS
- PARKING LIGHTS
- TAIL LIGHTS

- LICENSE LIGHTS
- HEADLIGHTS
- REAR MARKER LIGHTS

Note:
* ... Not Used



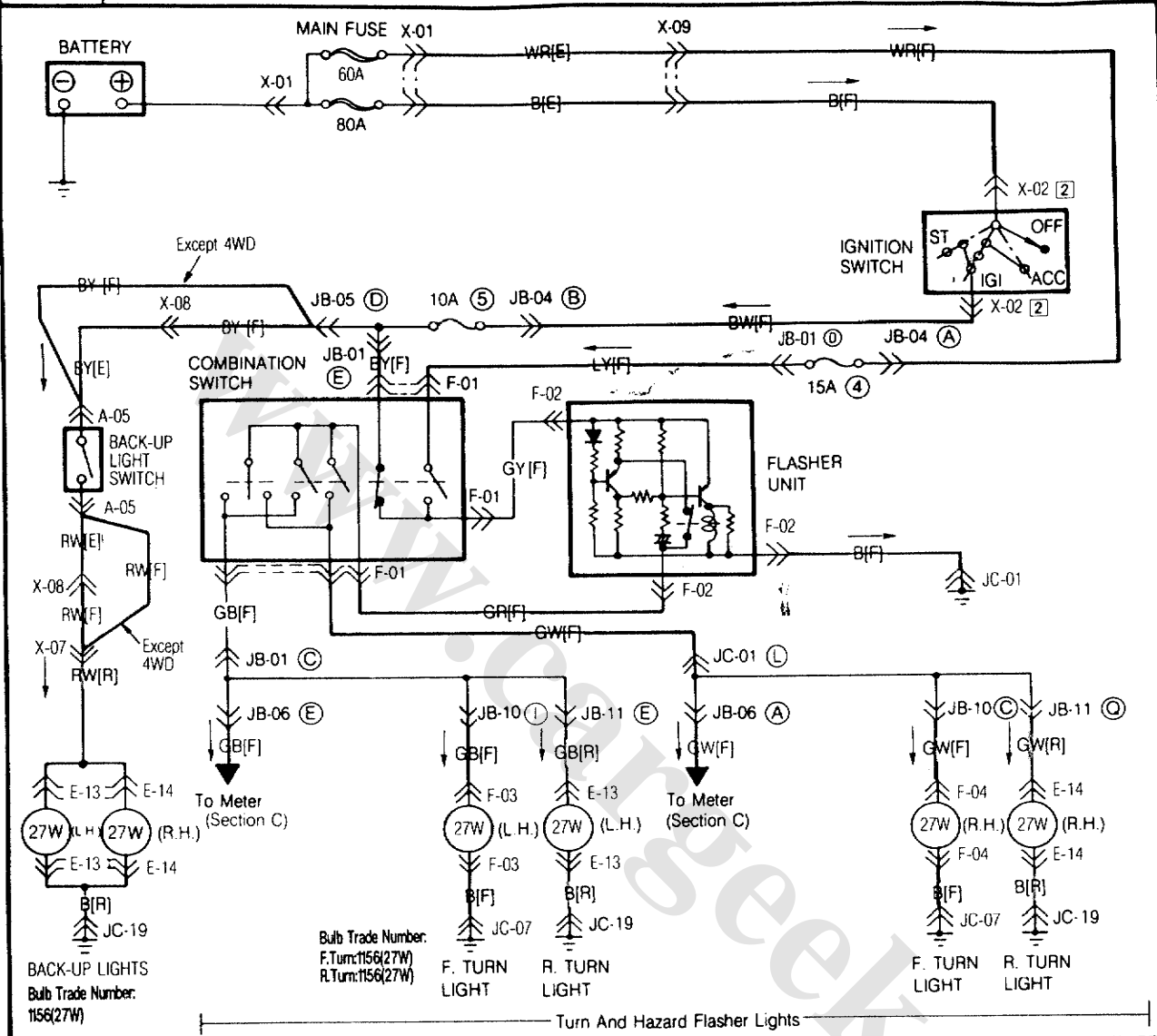
<p>E-01 Combination Switch [F]</p>	<p>WR [E]</p>	<p>E-08 Headlight L.H. [F]</p>	<p>E-09 Headlight R.H. [F]</p>
<p>E-10 F. Comb. Light L.H. [F]</p>	<p>E-11 F. Comb. Light R.H. [F]</p>	<p>E-12 License Light [R]</p>	<p>E-13 R. Comb. Light L.H. [R]</p>
<p>E-14 R. Comb. Light R.H. [R]</p>			



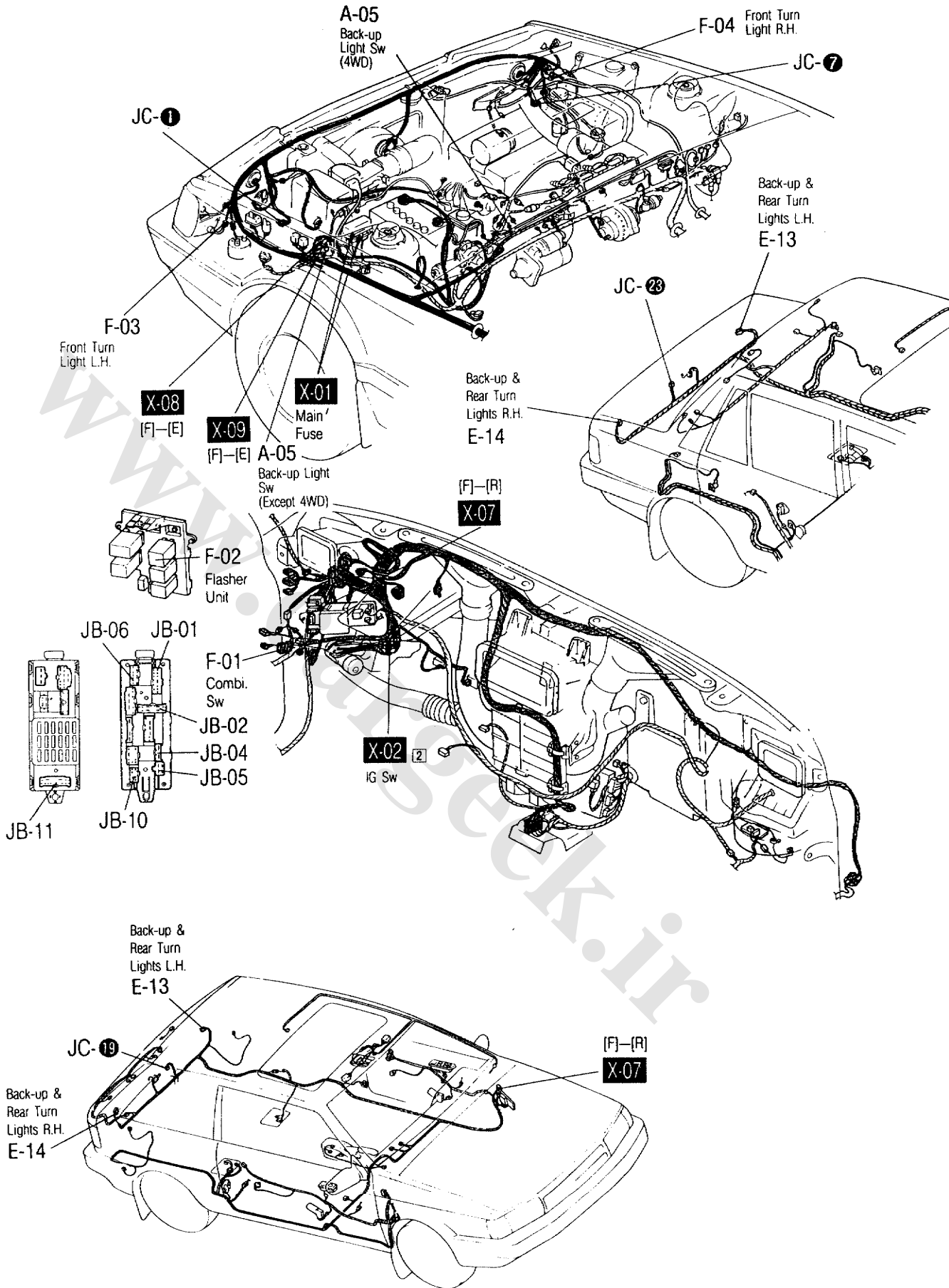
F-a

BACK-UP LIGHTS
TURN & HAZARD FLASHER LIGHTS

Note: ✕ Not Used

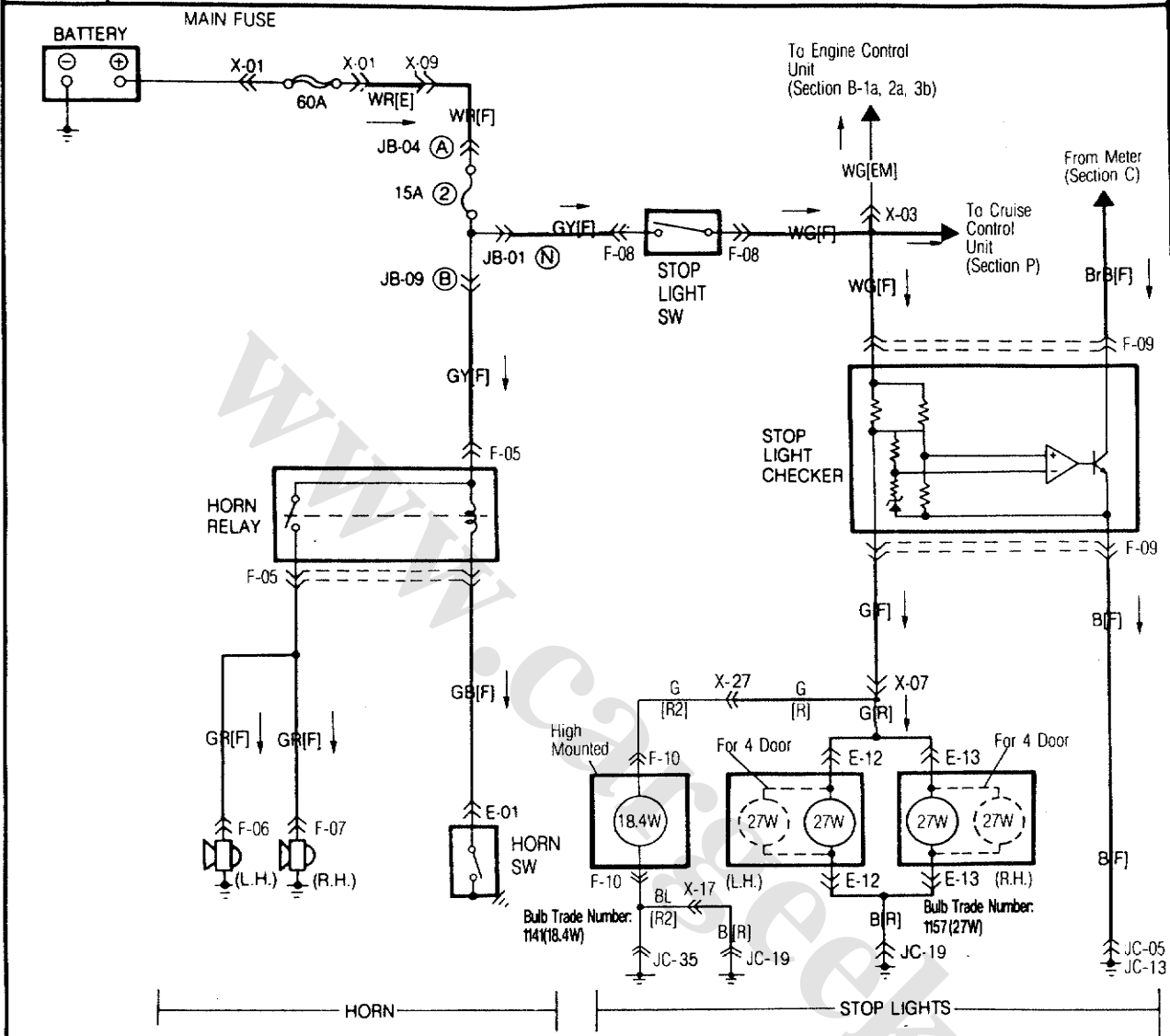


<p>F-01 Combination Switch [F]</p> <p>GB BY GY LY GR GW ✕ ✕</p>	<p>F-02 Flasher Unit [F]</p> <p>B GY GR</p>	<p>F-03 Front Turn Light L.H. [F]</p> <p>GB B</p>	<p>F-04 Front Turn Light R.H. [F]</p> <p>GW B</p>
<p>A-05 Back-Up Light Sw [F], [E]</p> <p>BY BY RW BR</p>	<p>BY BY RW BR (4WD)</p>	<p>E-13 Rear Combi. Light L.H. [R]</p> <p>W RW GB B RB G</p>	<p>E-14 Rear Combi. Light R.H. [R]</p> <p>W RW GW B RB G</p>

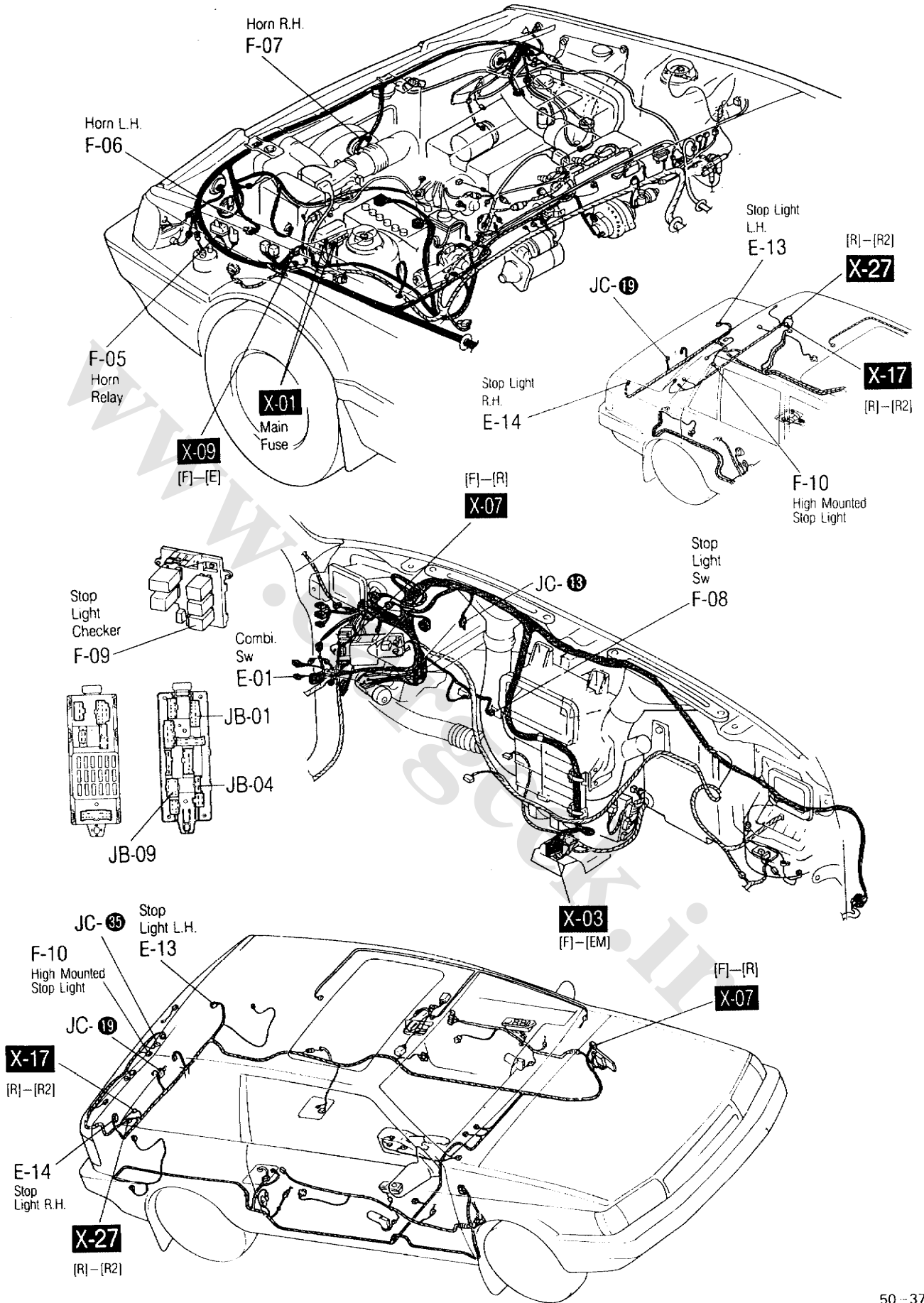


F-b ■ HORN ■ STOP LIGHTS

Note: * ... Not Used

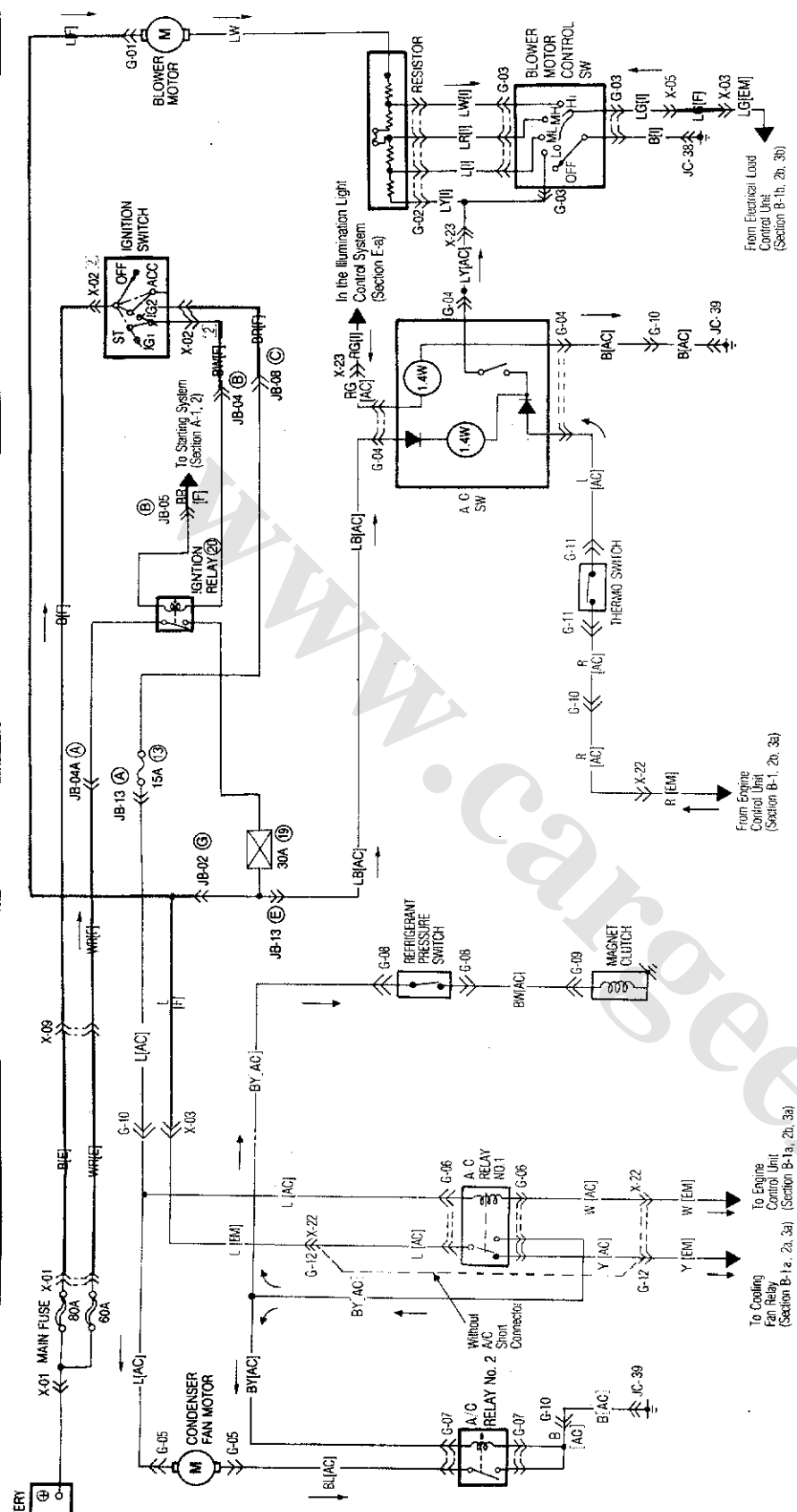


<p>F-05 Horn Relay [F]</p>	<p>F-06 Horn L.H. [F]</p>	<p>F-07 Horn R.H. [F]</p>	<p>F-08 Stop Light Sw [F]</p>
<p>F-09 Stop Light Checker [F]</p>	<p>F-10 High Mounted Stop Light [R2]</p>	<p>E-01 Combination Sw [F]</p>	<p>E-13 R. Combi. Light L.H. [R]</p>
<p>E-14 R. Combi. Light R.H. [R]</p>			

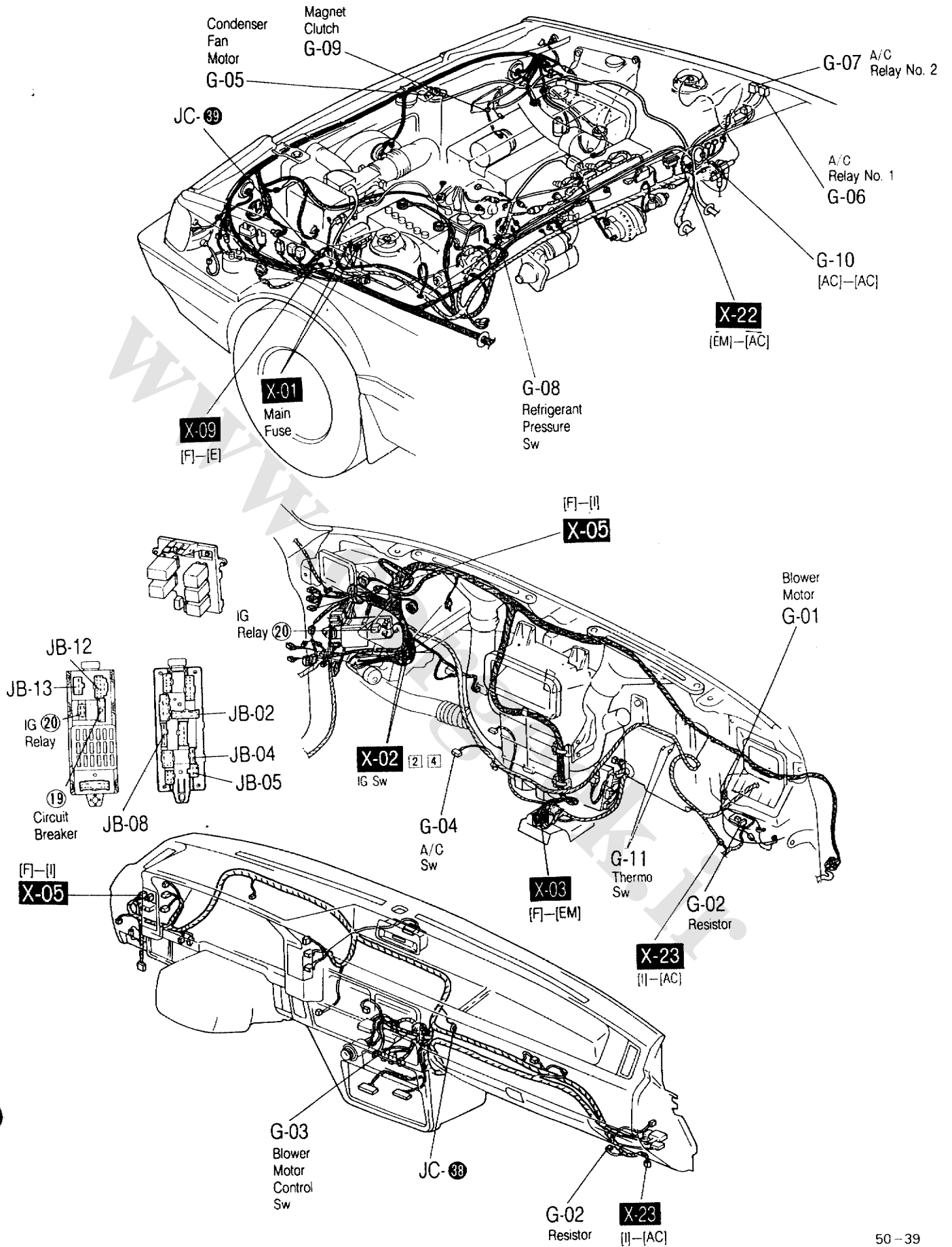


NOTE: * Not Used

G AIR CONDITIONER & HEATER



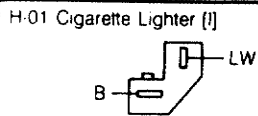
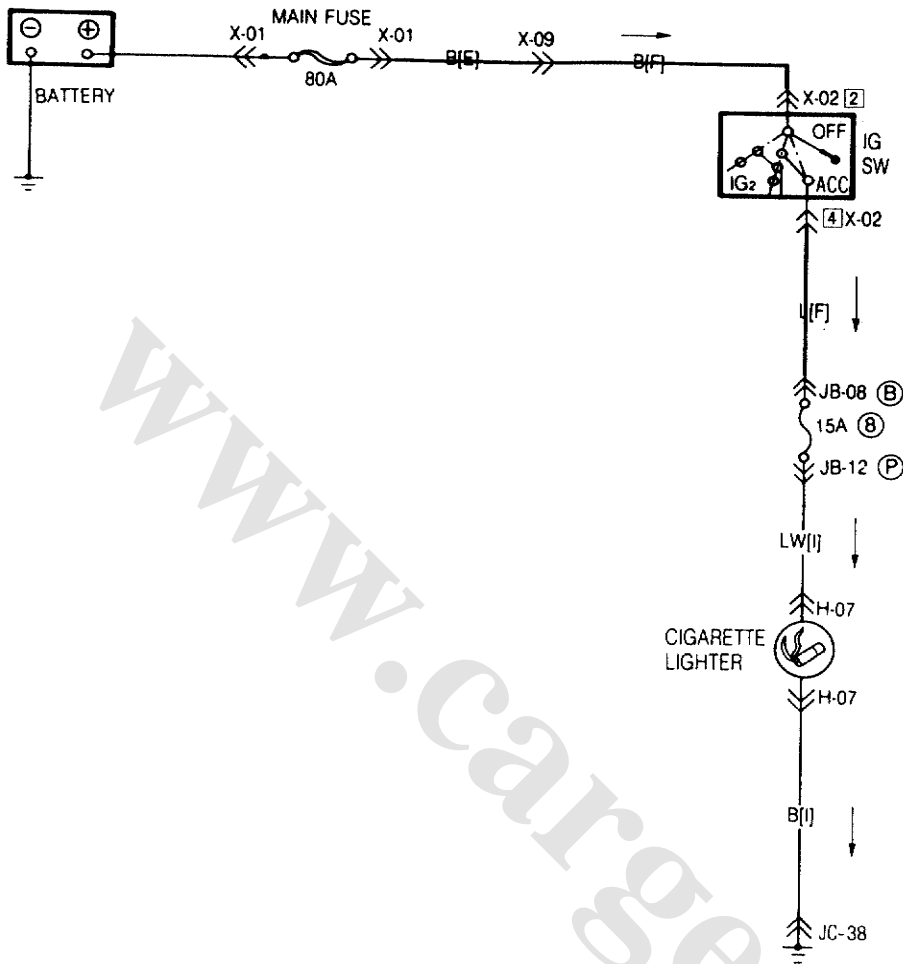
G-01 Blower Motor [F]		G-02 Resistor [I]		G-03 Blower Motor Control Sw [I]		G-04 A/C Switch [AC]		G-05 Condenser Fan Motor [AC]		G-06 A/C Relay No.1 [AC]		G-07 A/C Relay No.2 [AC]		G-08 Refrigerant Pressure Switch	
G-09 Magnet Clutch [AC]		G-10 Connector Between Air Con. [AC] And Air Con. [AC] Harness		G-11 Thermo Switch [AC]		G-12 Short Connector									



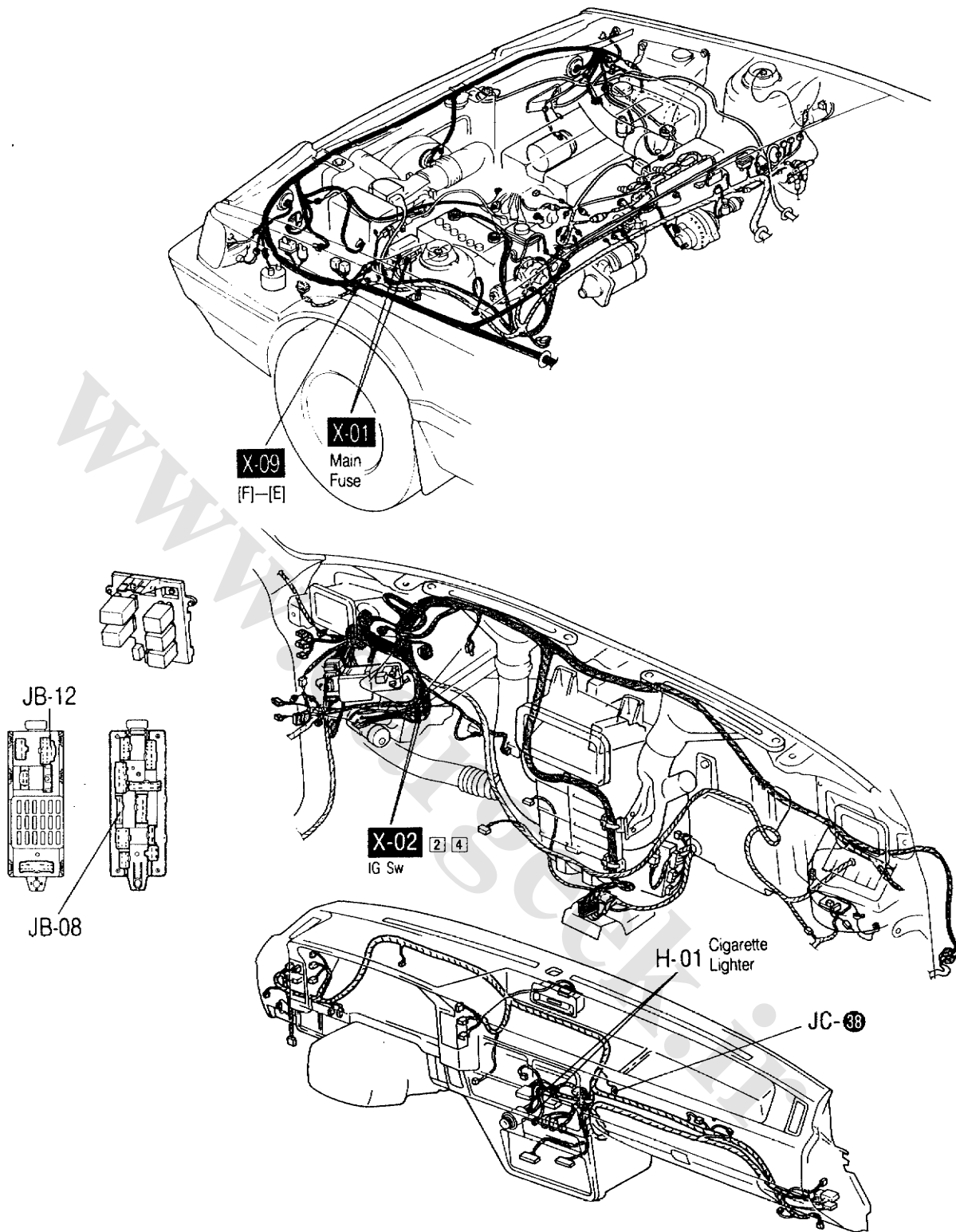
H

■ CIGARETTE LIGHTER

Note:
✕ ...Not Used

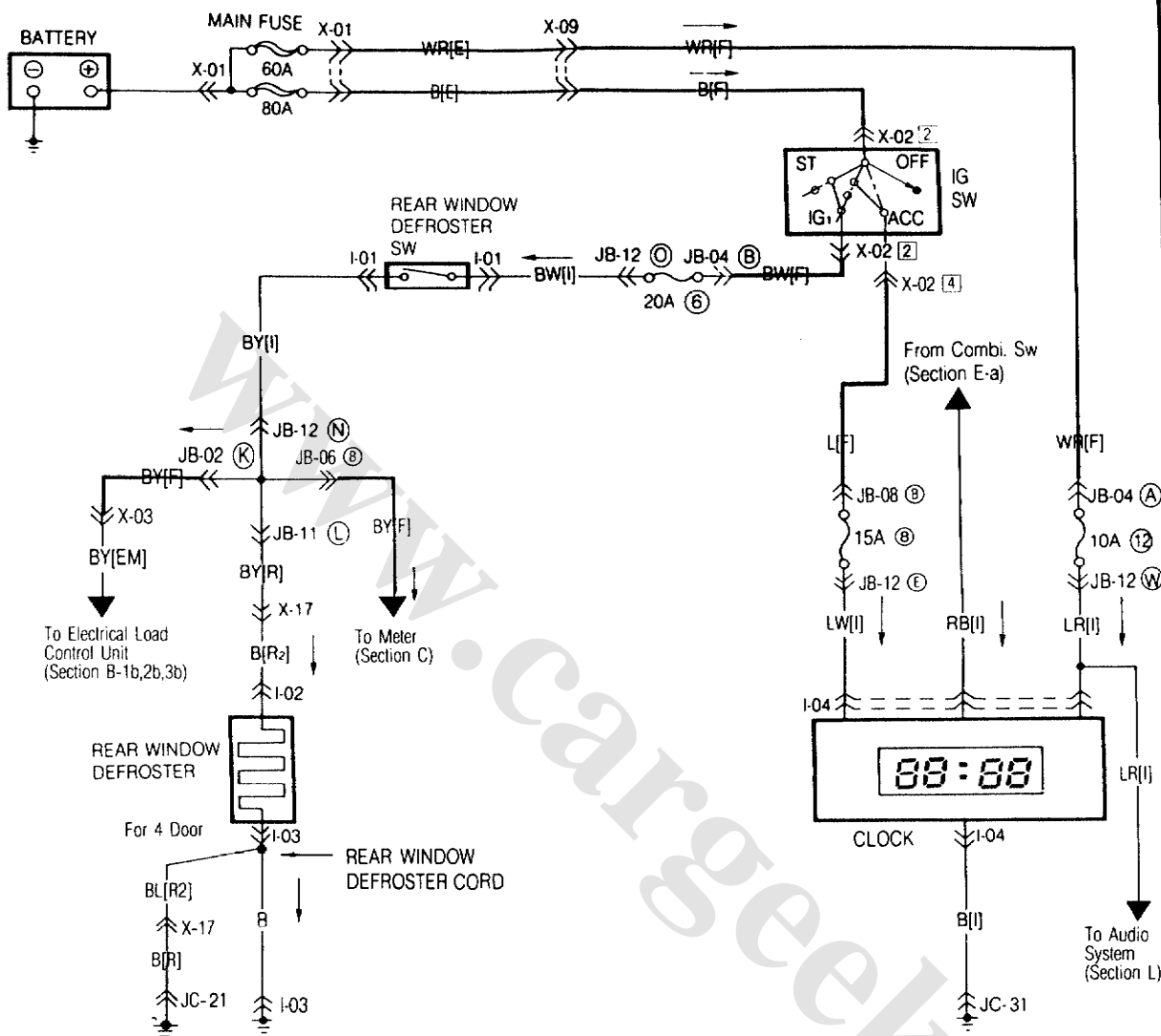




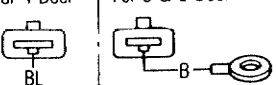
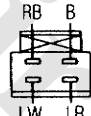
<p>H-01 Cigarette Lighter [I]</p>			

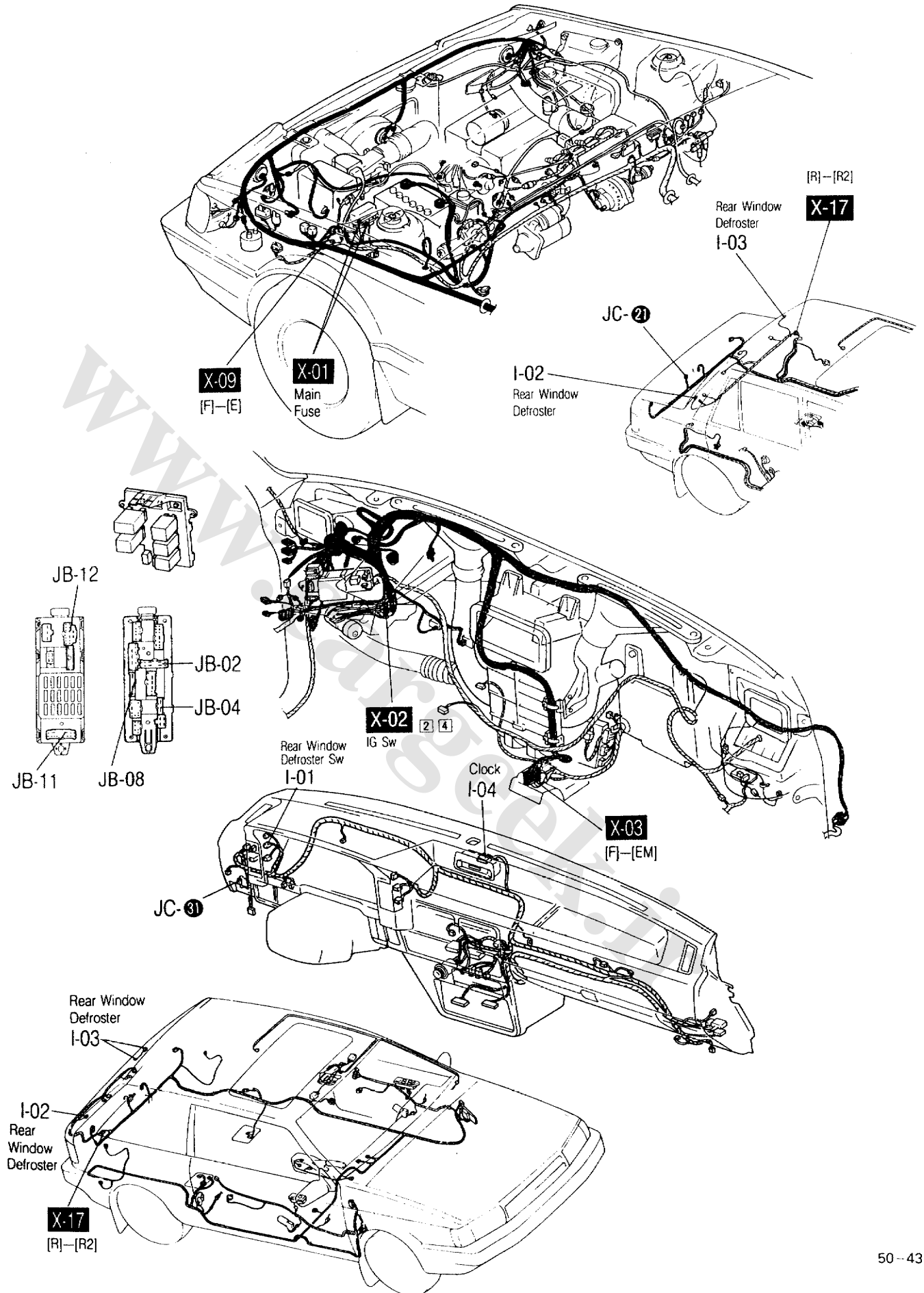


DIGITAL CLOCK ■ REAR WINDOW DEFROSTER

Note:
× ... Not Used

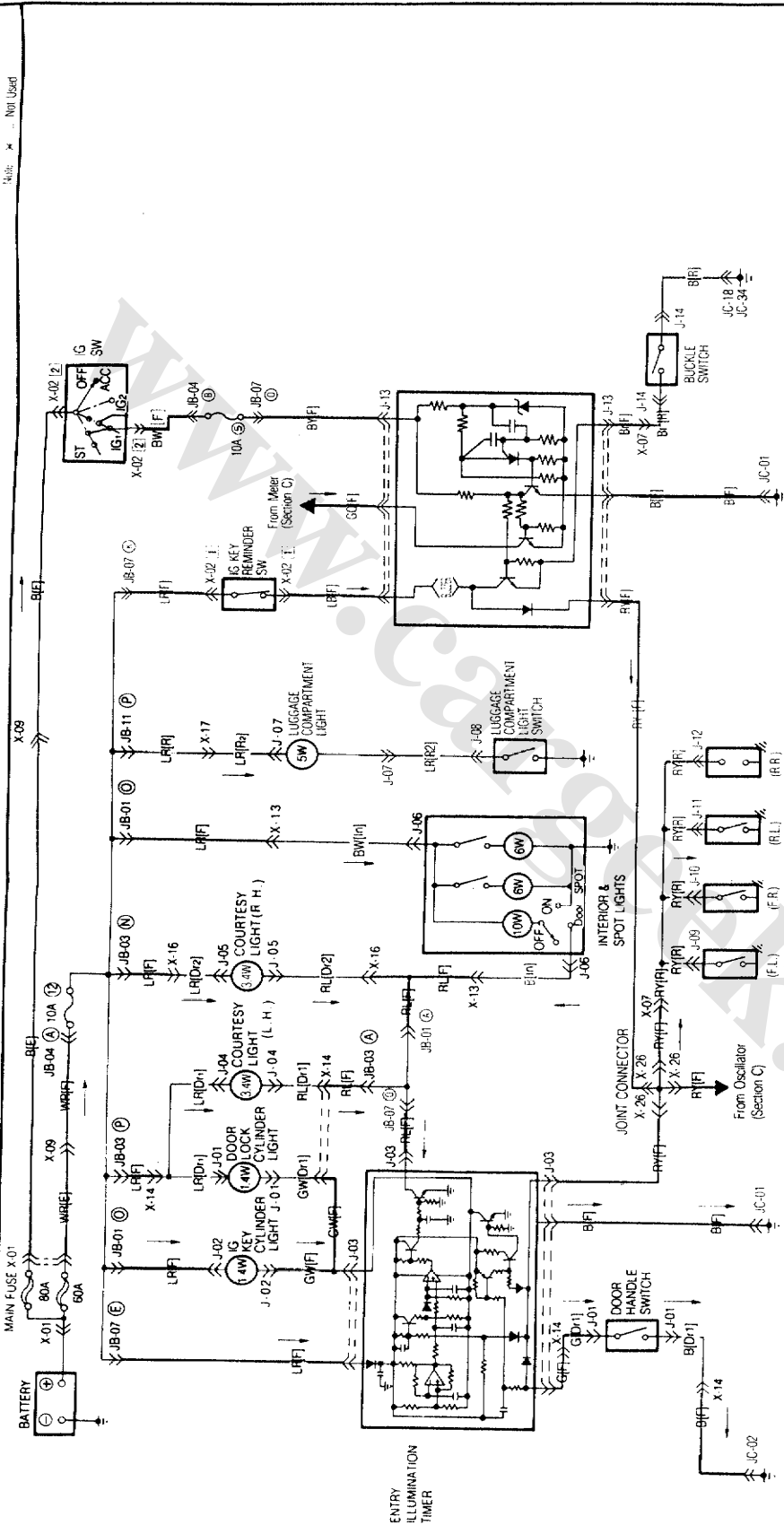


<p>I-01 Rear Window Def. Sw [I]</p> 	<p>I-02 Rear Window Def. [R2]</p> 	<p>I-03 Rear Window Def. Cord For 4 Door For 3 & 5 Door</p> 	<p>I-04 Clock [I]</p> 

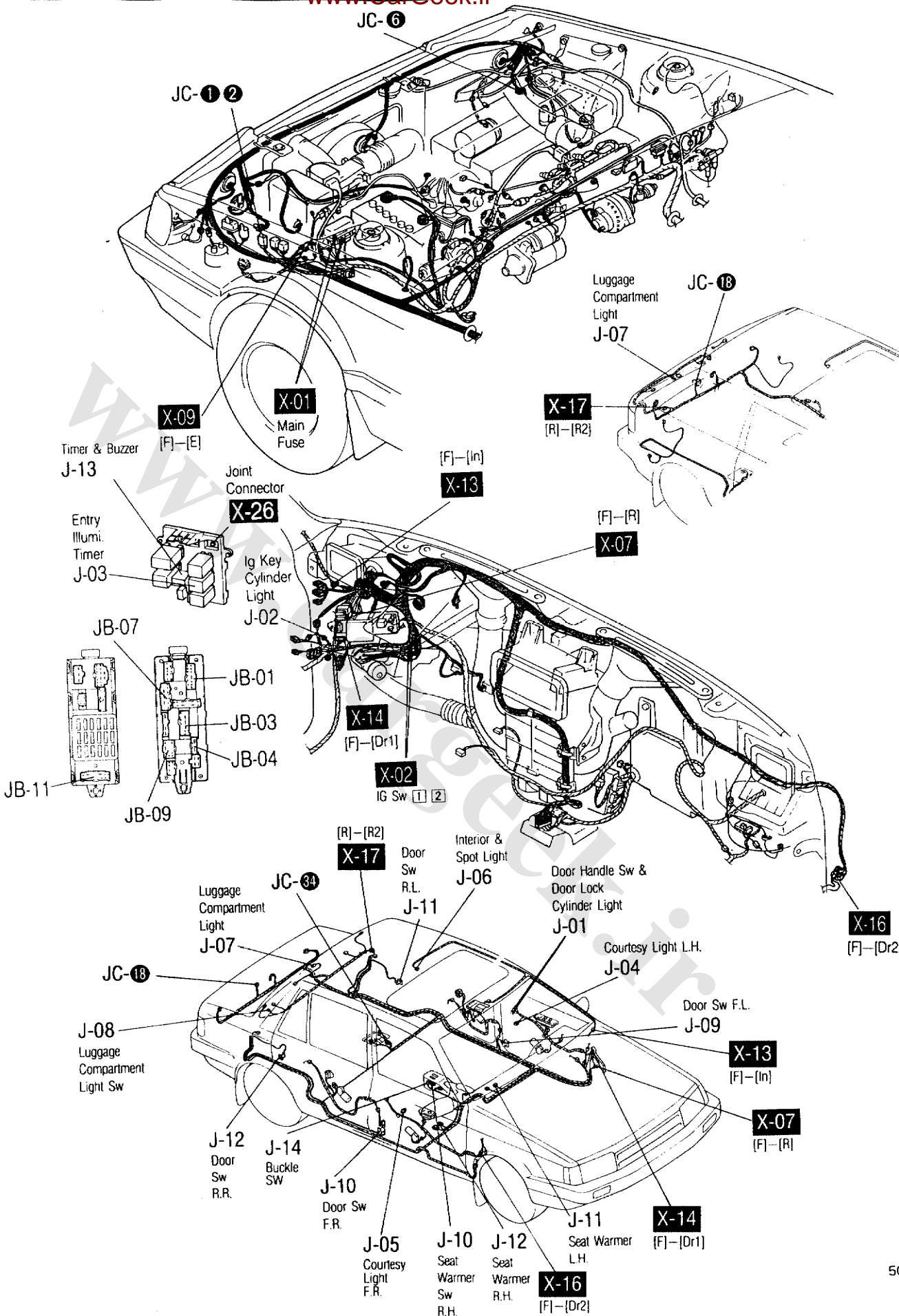


50 WIRING DIAGRAM HARNESS, BODY FRONT BE ENGINE B

- COURTESY LIGHTS ■ DOOR LOCK CYLINDER LIGHT ■ IGNITION KEY CYLINDER LIGHT ■ INTERIOR & SPOT LIGHTS
- LUGGAGE COMPARTMENT LIGHT ■ SEAT BELT WARNING SYSTEM

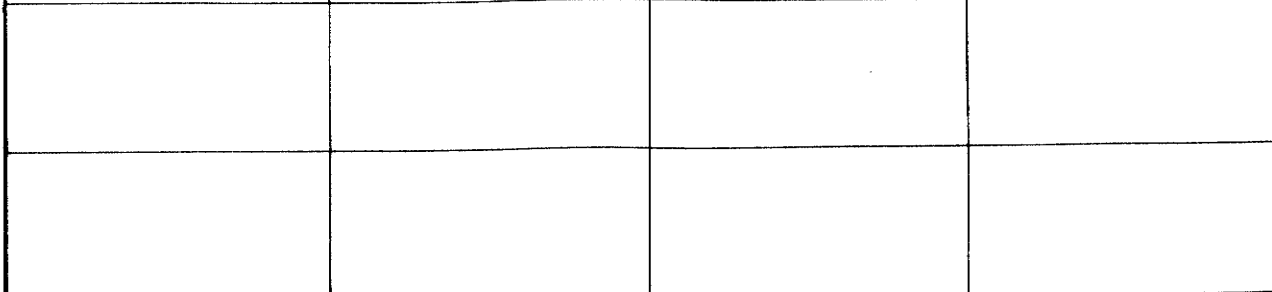
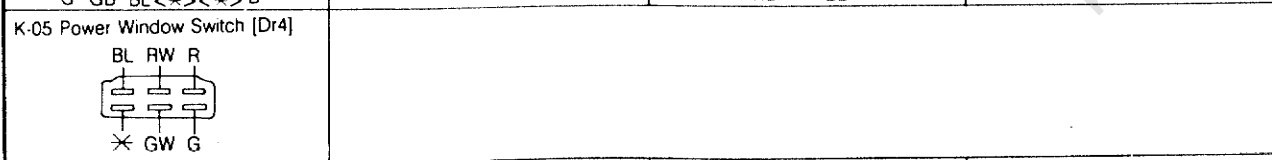
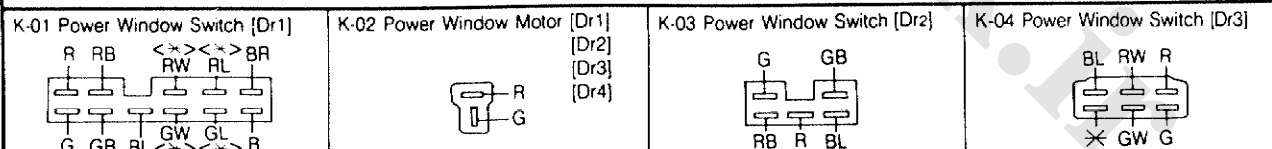
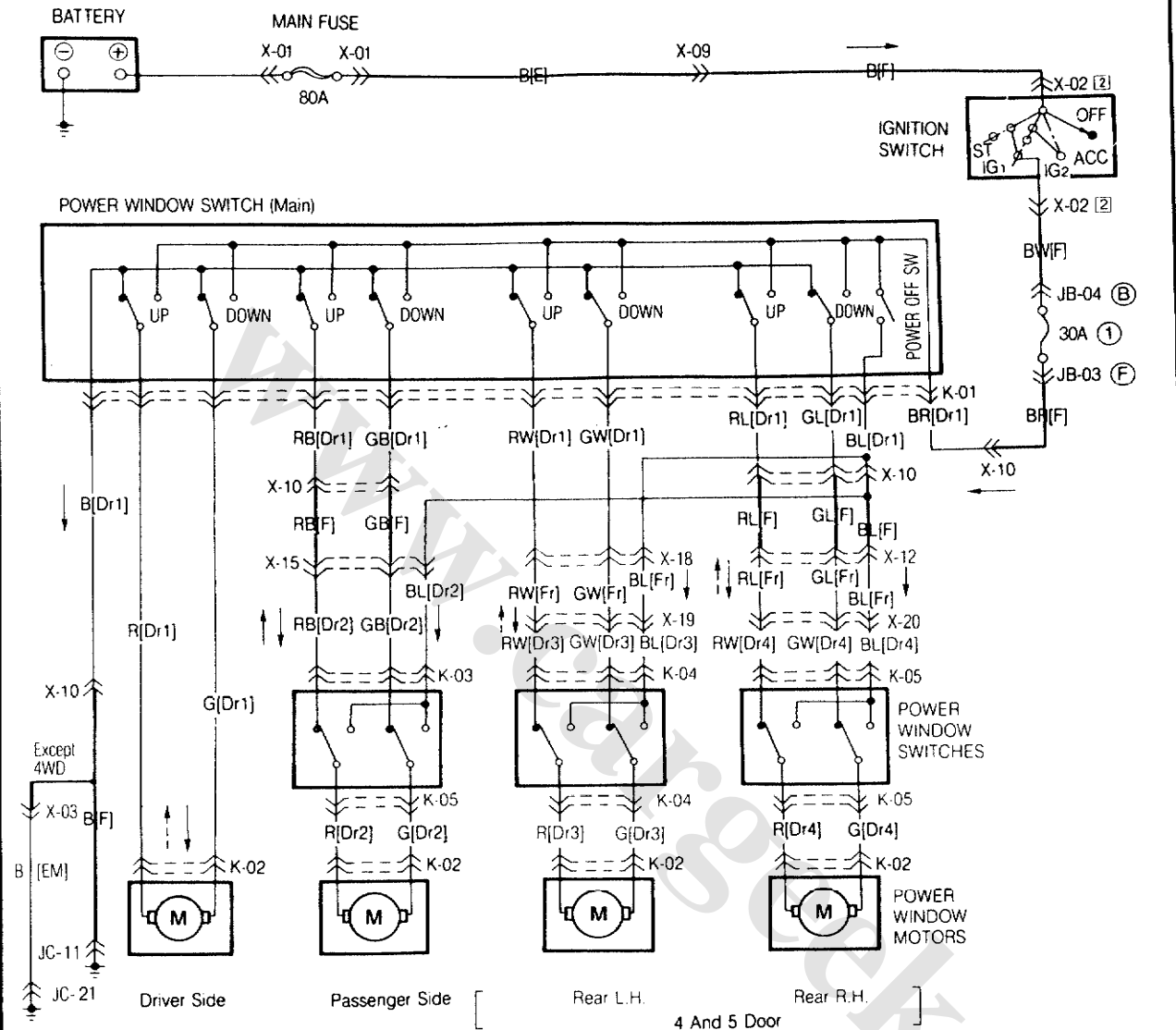


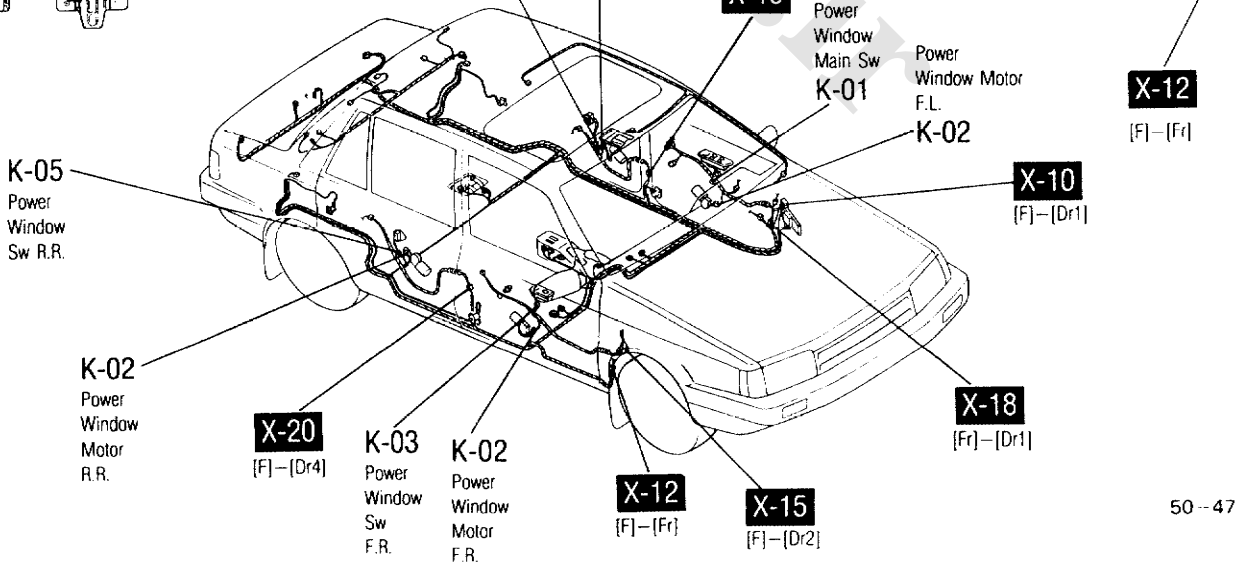
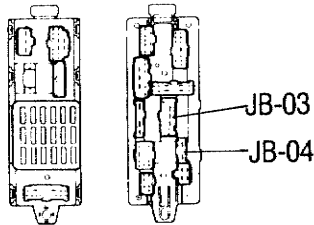
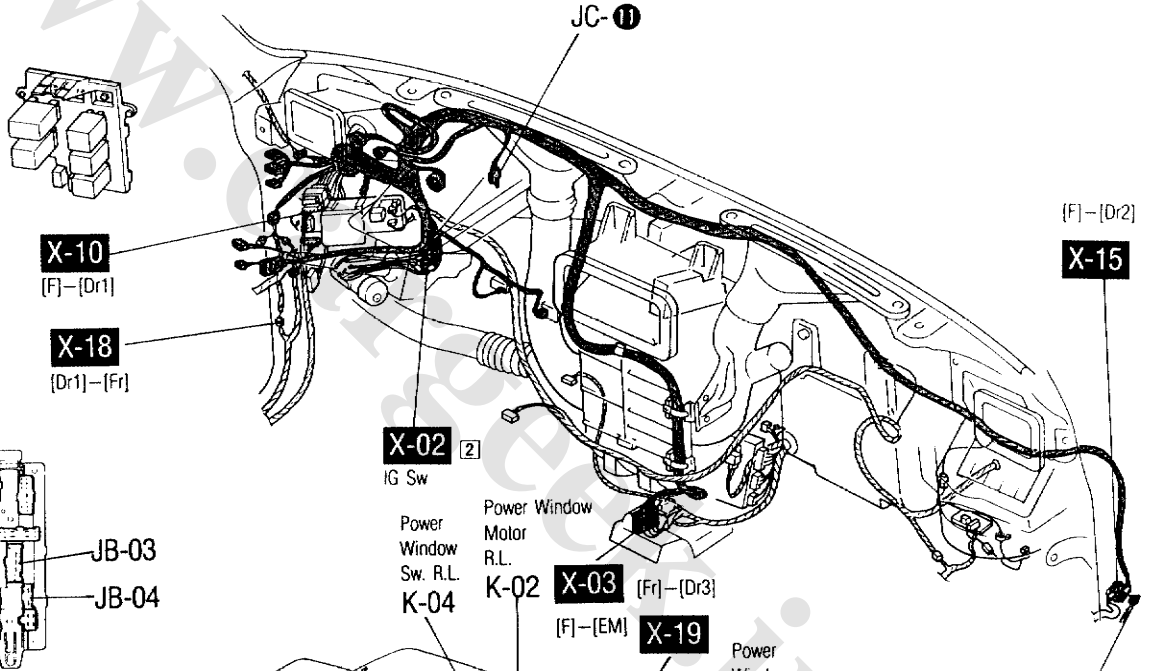
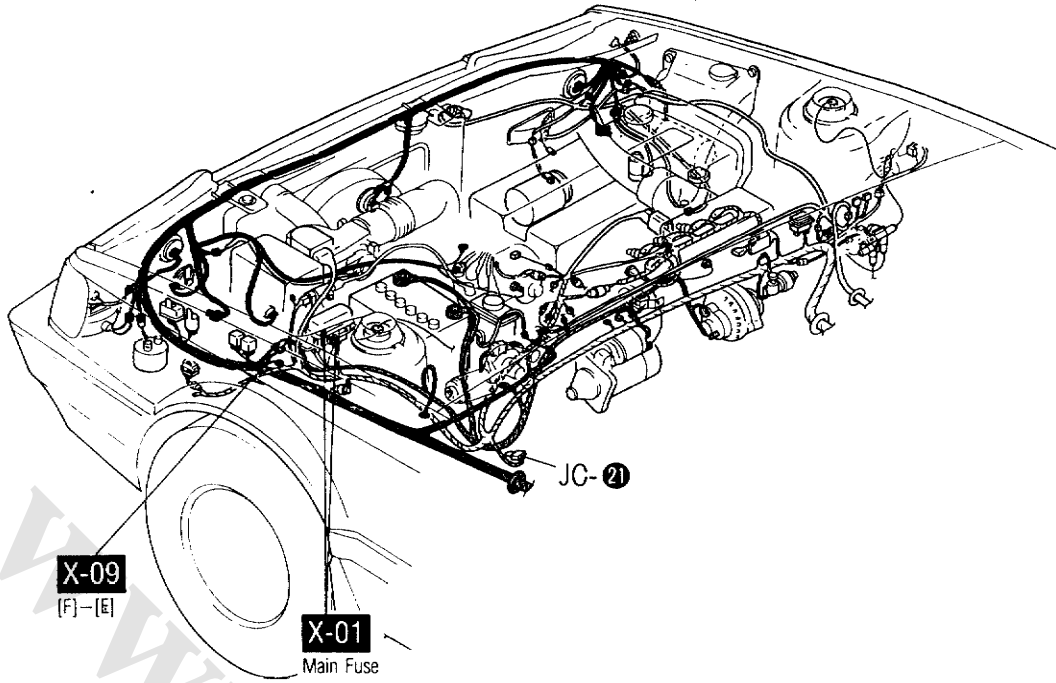
J-01 Door Lock Cylinder Light & Door Handle Sw (Dr1)	GW-LR						
J-02 IG Key Cylinder Light (F)	GW-LR						
J-03 Entry Illumination Timer (F)	LR B RY						
J-04 Courtesy Light (Dr1)	LR RL						
J-05 Courtesy Light (Dr2)	LR RL						
J-06 Interior & Spot Lights (In)	RL (R) LR (BW)						
J-07 Luggage Compartment Light (R2)	LR LR						
J-08 Luggage Compartment Light (R1)	LR LR						
J-09 Door Switch (F, R)	RY						
J-10 Door Switch (F, R)	RY						
J-11 Door Switch (R, L)	RY						
J-12 Door Switch (R, L)	RY						
J-13 Timer And Buzzer (F)	RY * B LB GO Br *						
J-14 Luggage Compartment Light (R2)	LR LR						



K ■ POWER WINDOW

Note:
 < > .. For 3 Door
 ✕ .. Not Used





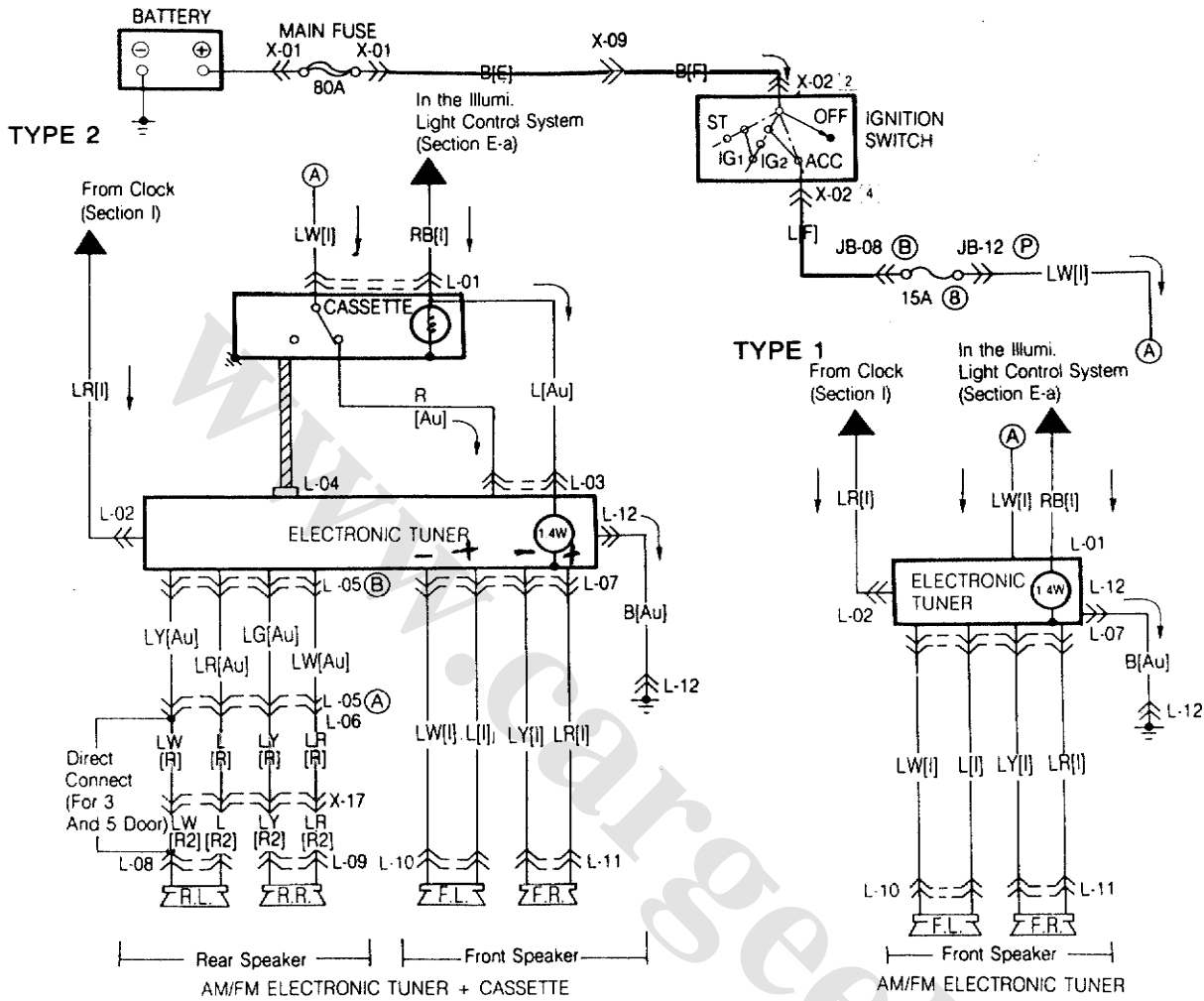
50 WIRING DIAGRAM

HARNES COLOR: FRONT[F] ■ ENGINE[E] ■ INST[I] ■ REAR[R] ■

L

AUDIO SYSTEM

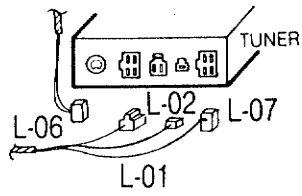
Note:
× ...Not Used



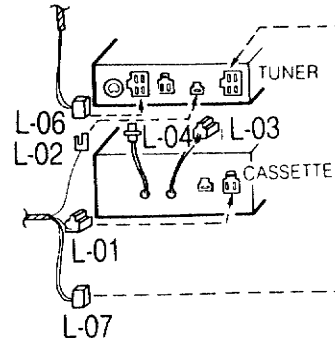
B

L-01 Connector to Audio System [I]	L-02 Connector to Audio System [I]	L-03 Connector to Audio System [Au]	L-04 Connector to Audio System [Au]				
L-05 Rear Speaker Cord [Au]	L-06 Rear Amp. [R]	L-07 Tuner [I]					
L-08 Rear Speaker R.L. [R], [R2]	L-09 Rear Speaker R.R. [R], [R2]	L-10 Front Speaker F.L. [I]	L-11 Front Speaker F.R. [I]				
L-12 Ground [Au]	<p>BLUE CONNECTOR REAR SPEKRS.</p> <p>L+ <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>L</td><td>LR</td></tr> <tr><td>LW</td><td>LB</td></tr> </table> R+ R-</p>			L	LR	LW	LB
L	LR						
LW	LB						

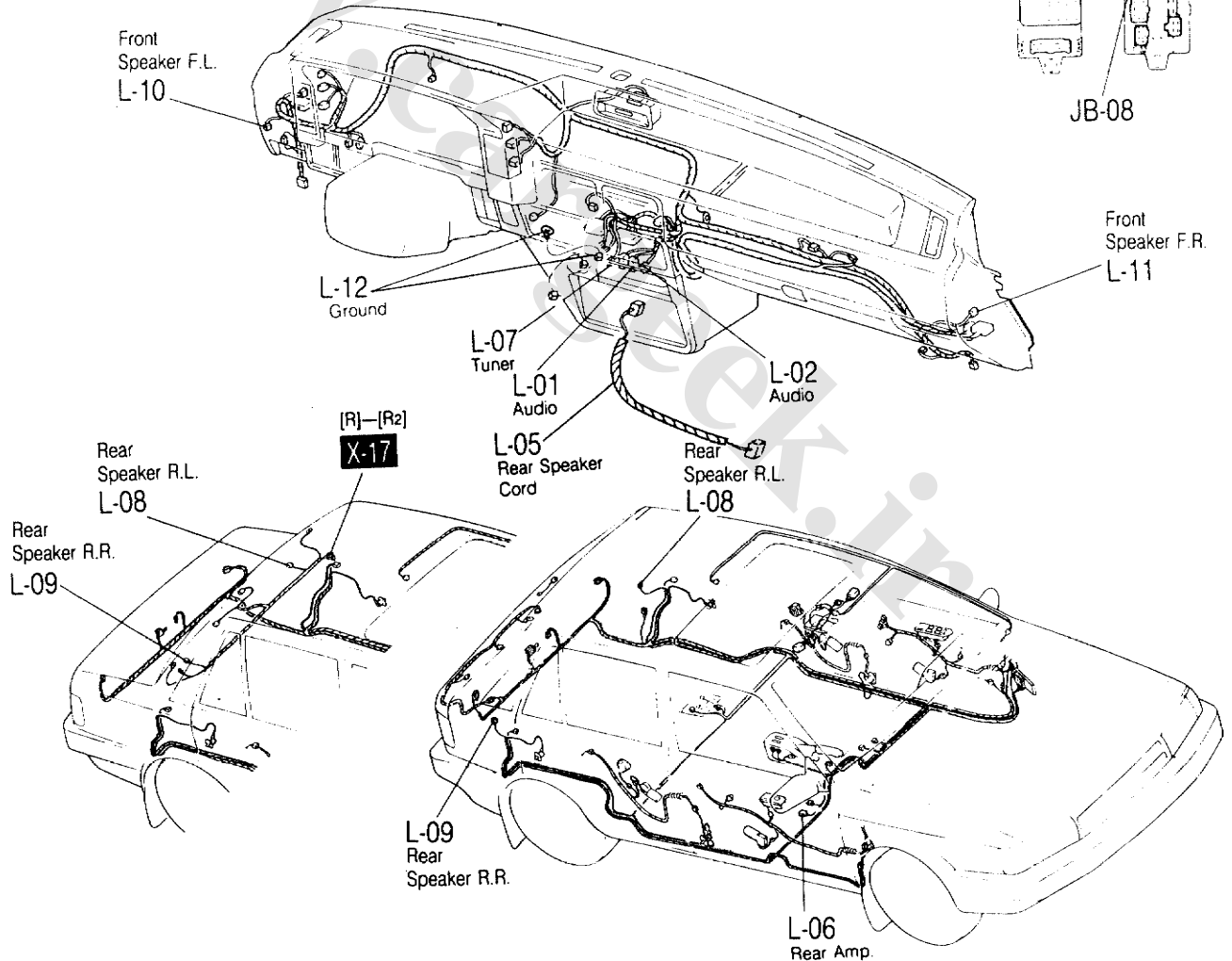
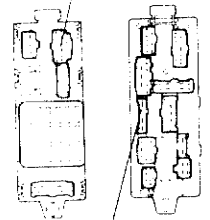
TYPE 1



TYPE 2

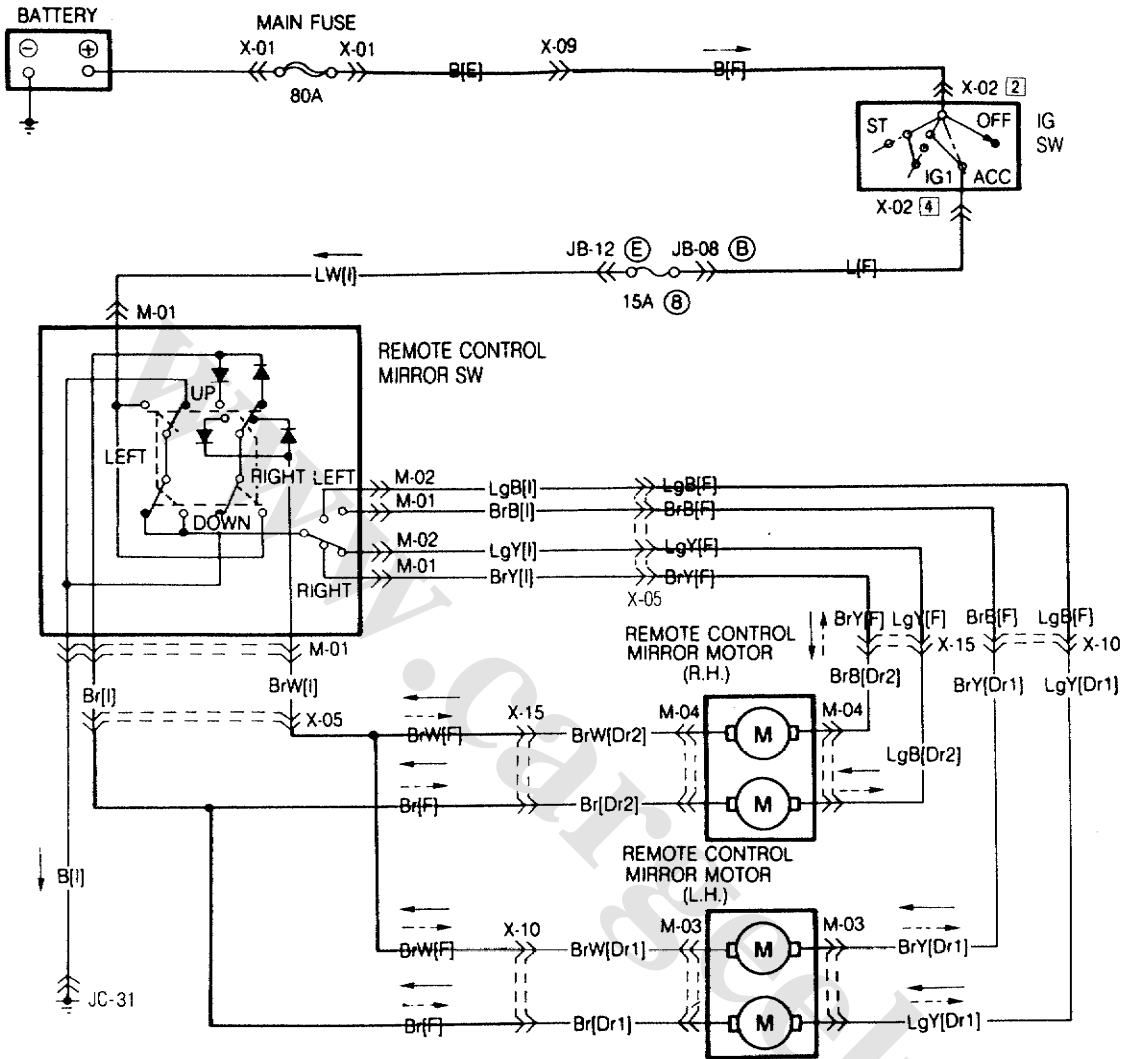


JB-12

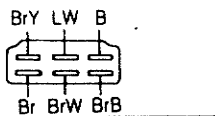


M

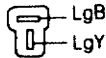
■ REMOTE CONTROL MIRROR



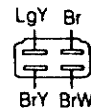
M-01 Remote Control Mirror Sw [I]



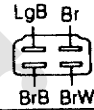
M-02 Remote Control Mirror Sw [I]

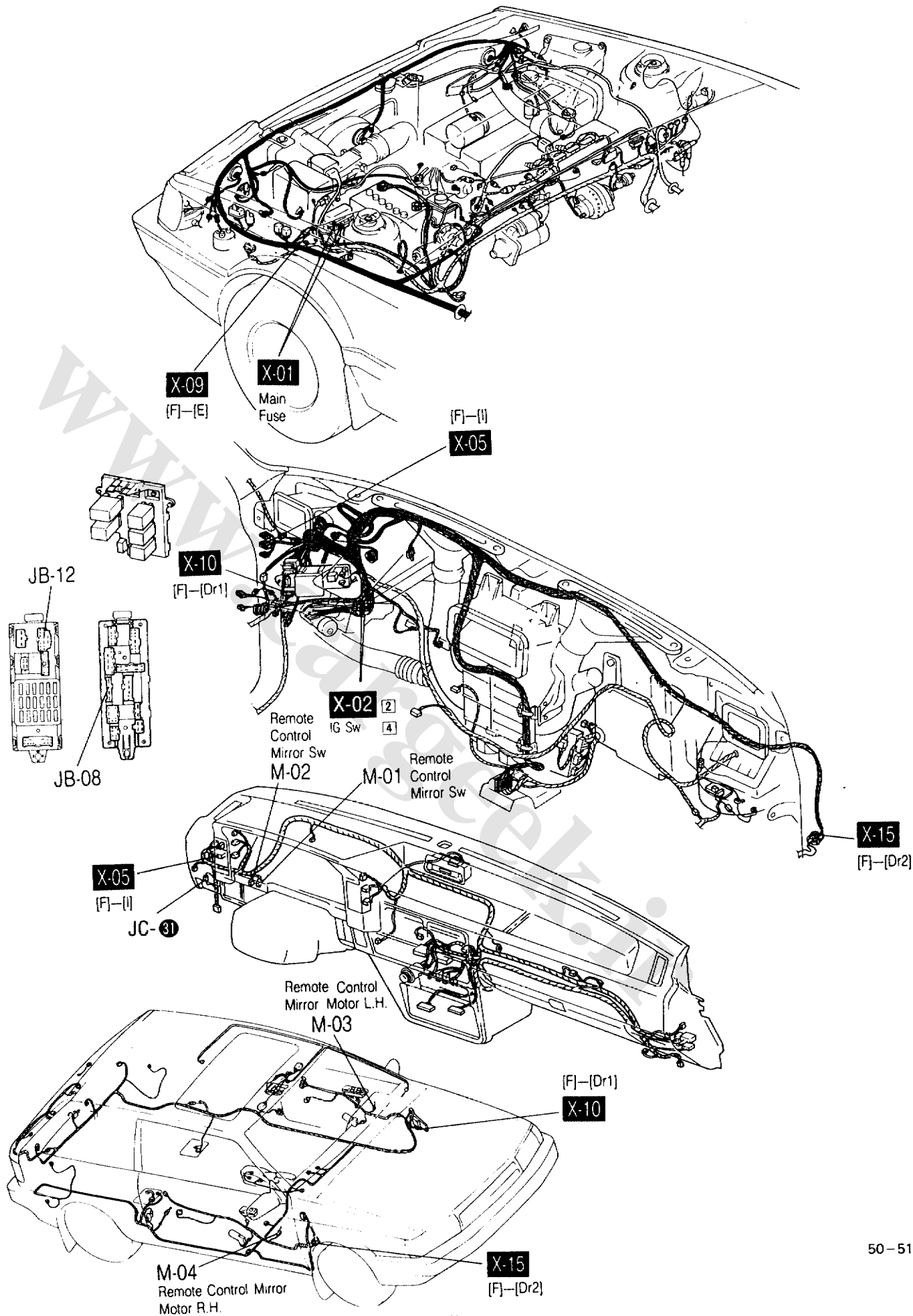


M-03 Remote Control Mirror Motor L.H. [Dr1]



M-04 Remote Control Mirror Motor R.H. [Dr2]



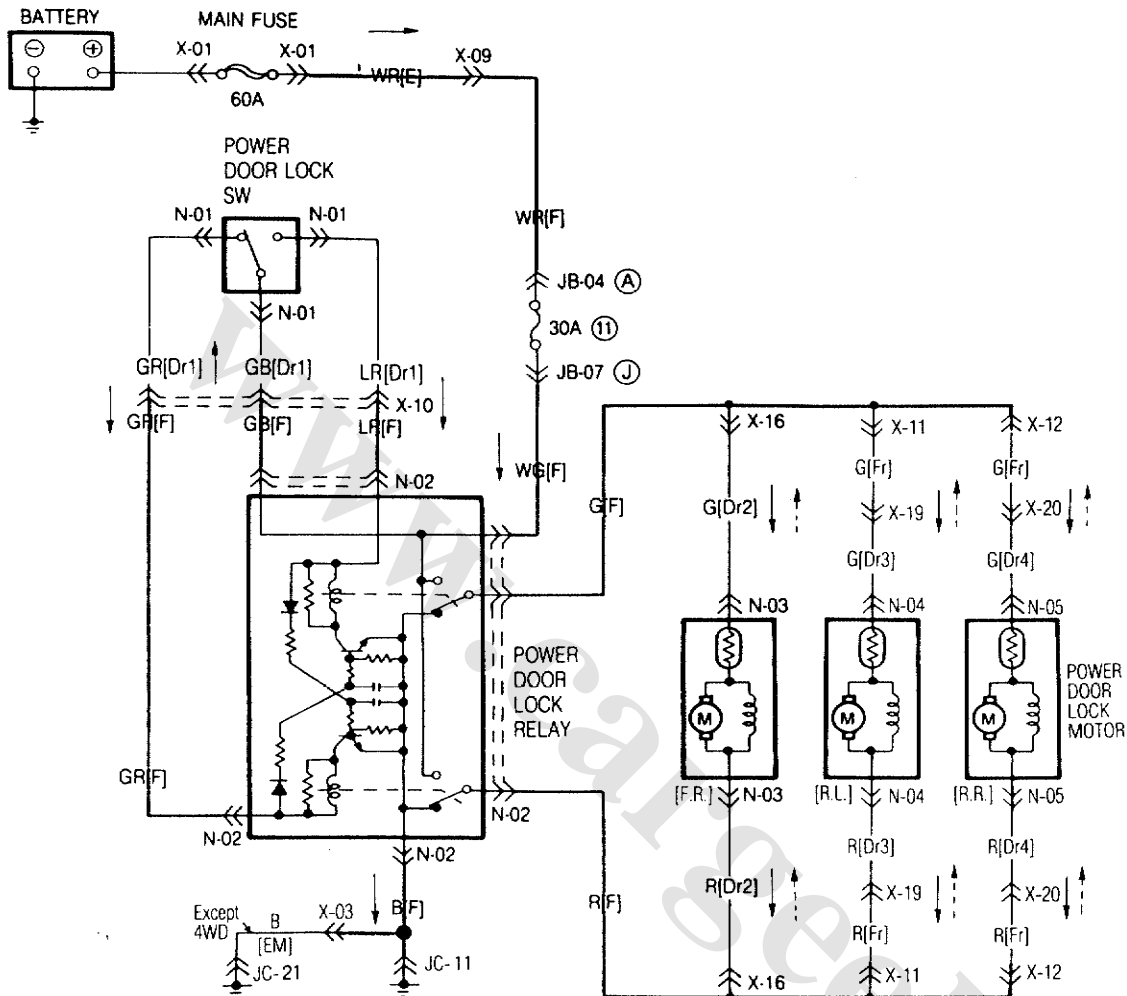


50 WIRING DIAGRAM HARNESS COLOR: FRONT [F] — ENGINE [E] —

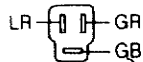
N

POWER DOOR LOCK

Note: * ... Not Used



N-01 Power Door Lock Switch [Dr1]



N-02 Power Door Lock Relay [F]



N-03 Power Door Lock Motor F.R. [Dr2]

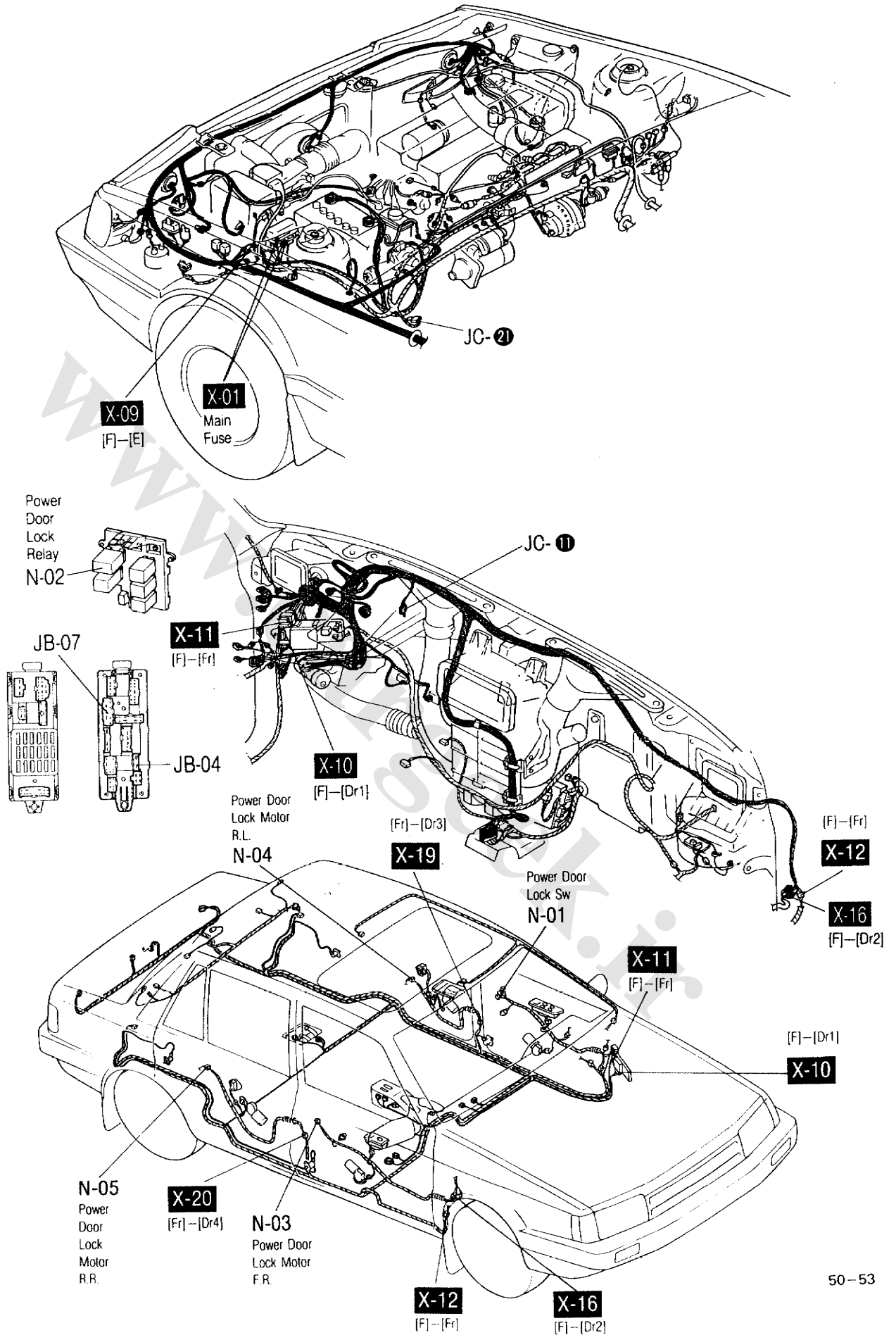


N-04 Power Door Lock Motor R.L. [Dr3]



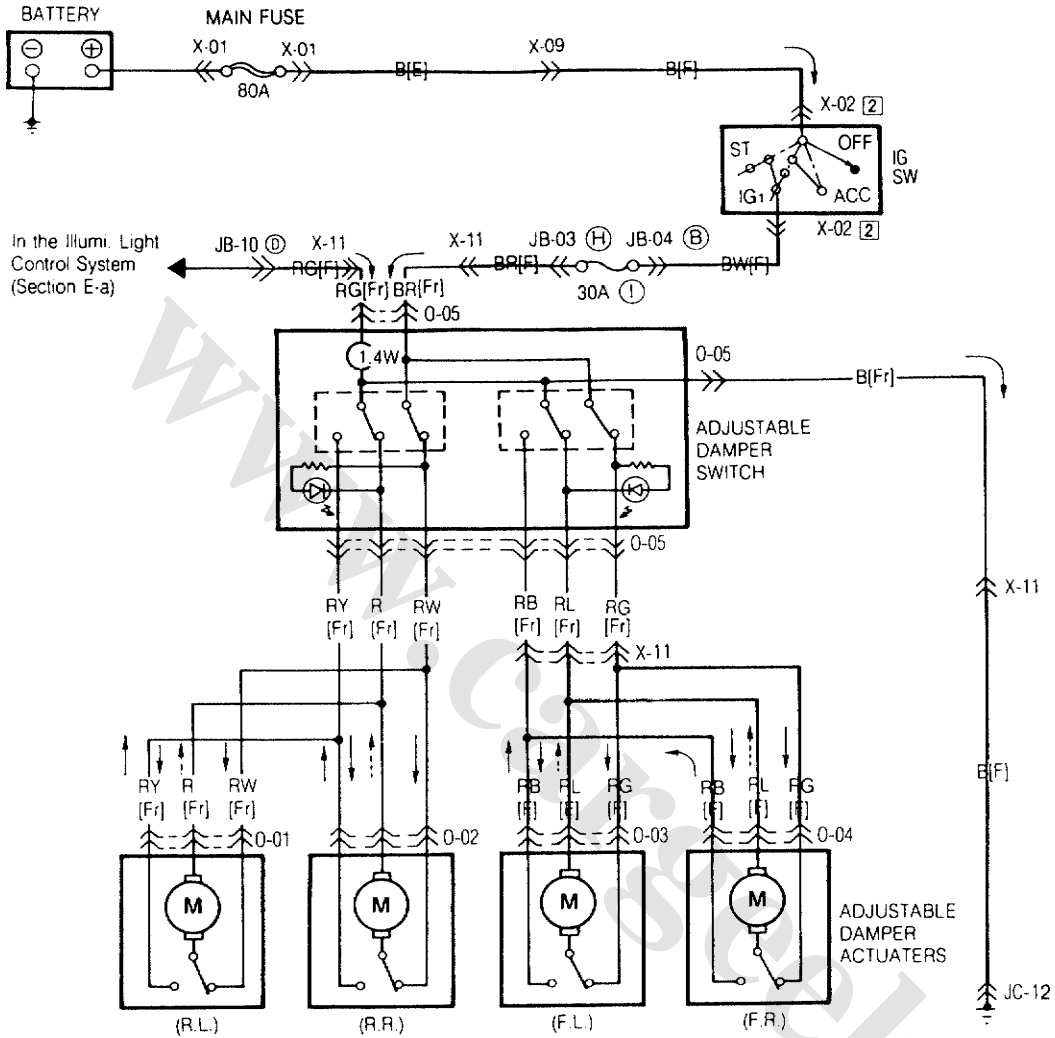
N-05 Power Door Lock Motor R.R. [Dr4]



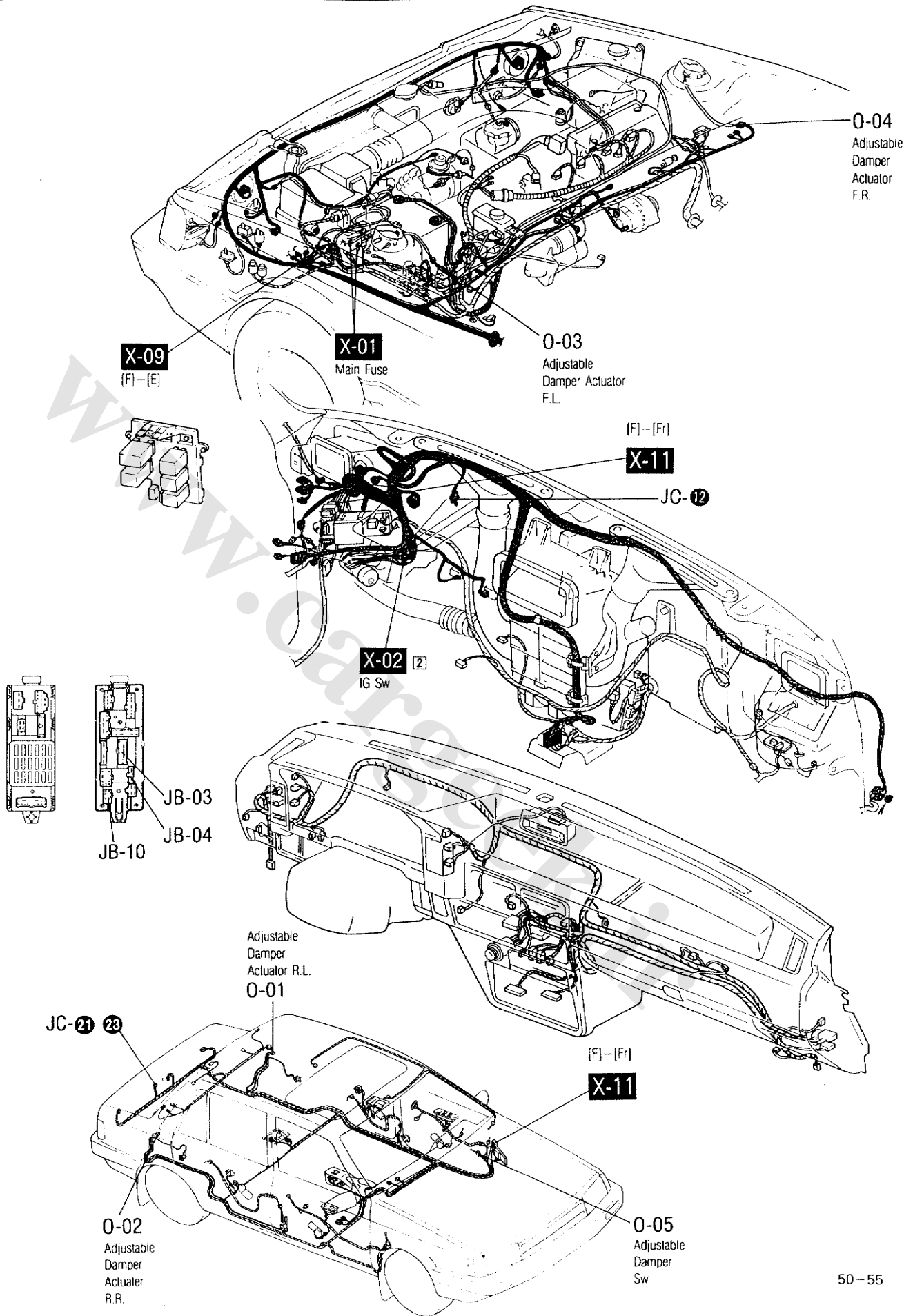


0

ADJUSTABLE SHOCK ABSORBER



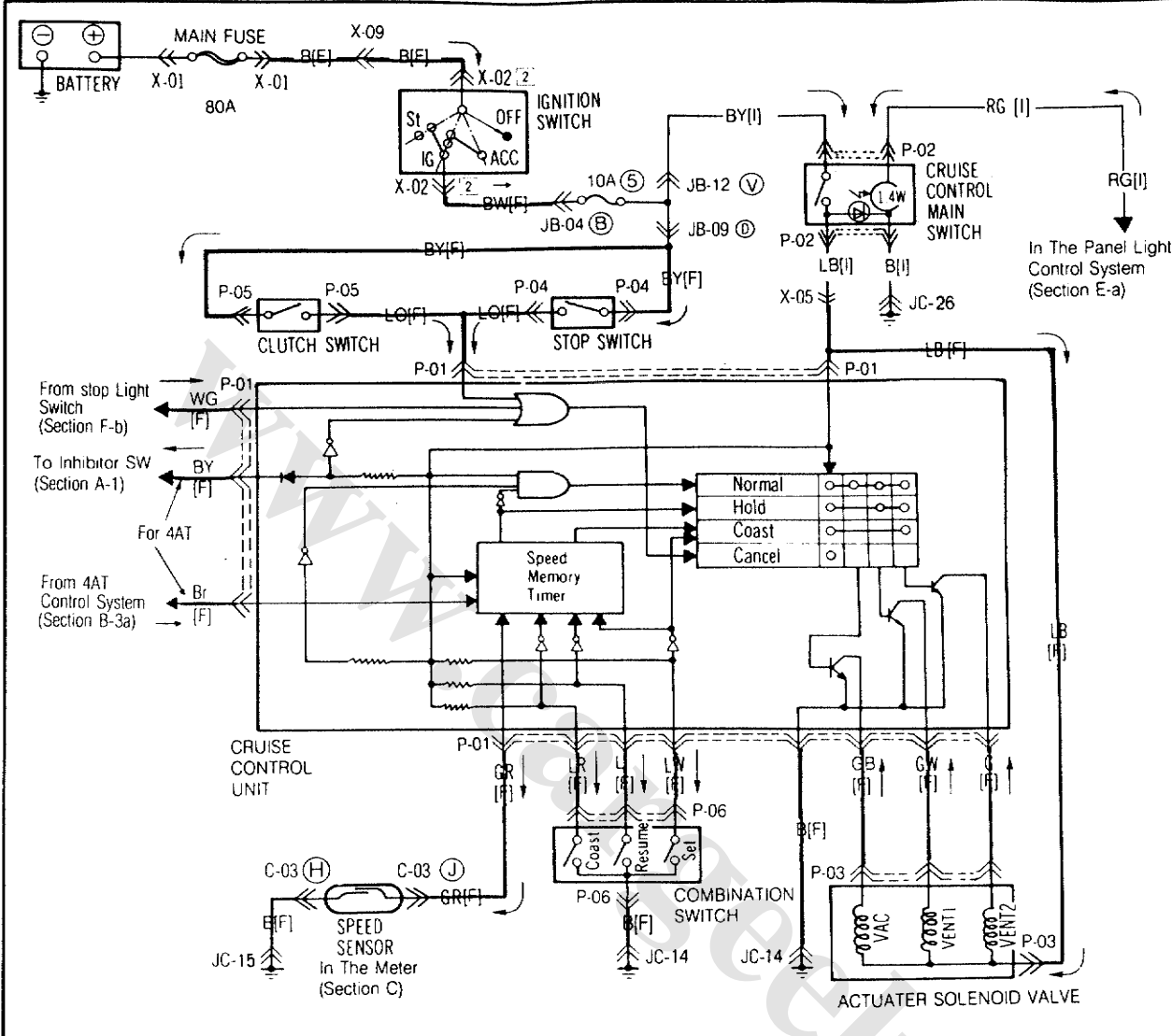
<p>0-01 Adjustable Damper Actuator R.L. [Fr]</p>	<p>0-02 Adjustable Damper Actuator R.R. [Fr]</p>	<p>0-03 Adjustable Damper Actuator F.L. [F]</p>	<p>0-04 Adjustable Damper Actuator F.R. [F]</p>
<p>0-05 Adjustable Damper Switch [Fr]</p>			
Empty row			
Empty row			



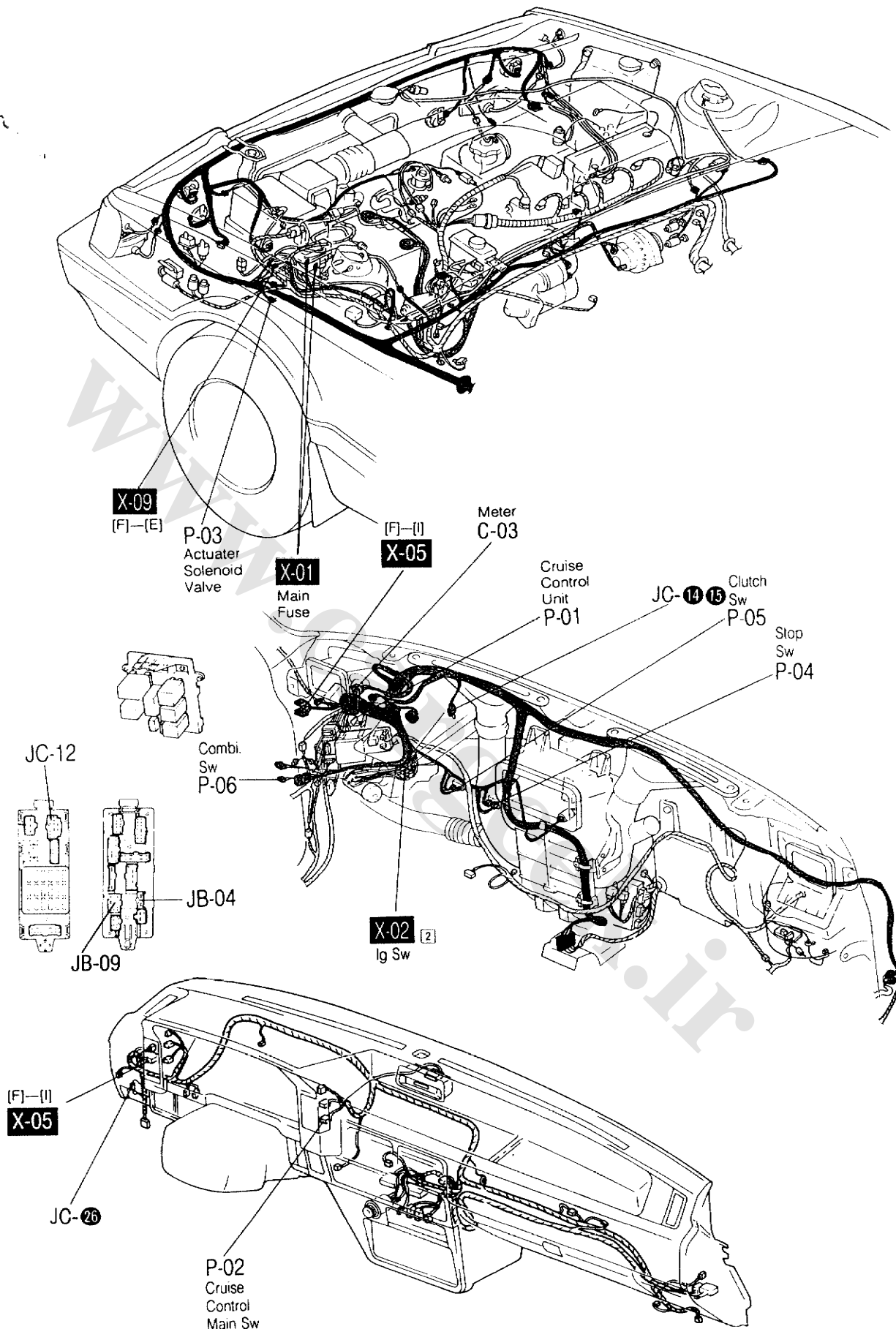
P-1

For Non Turbo
CRUISE CONTROL SYSTEM

Note: ...Not Used



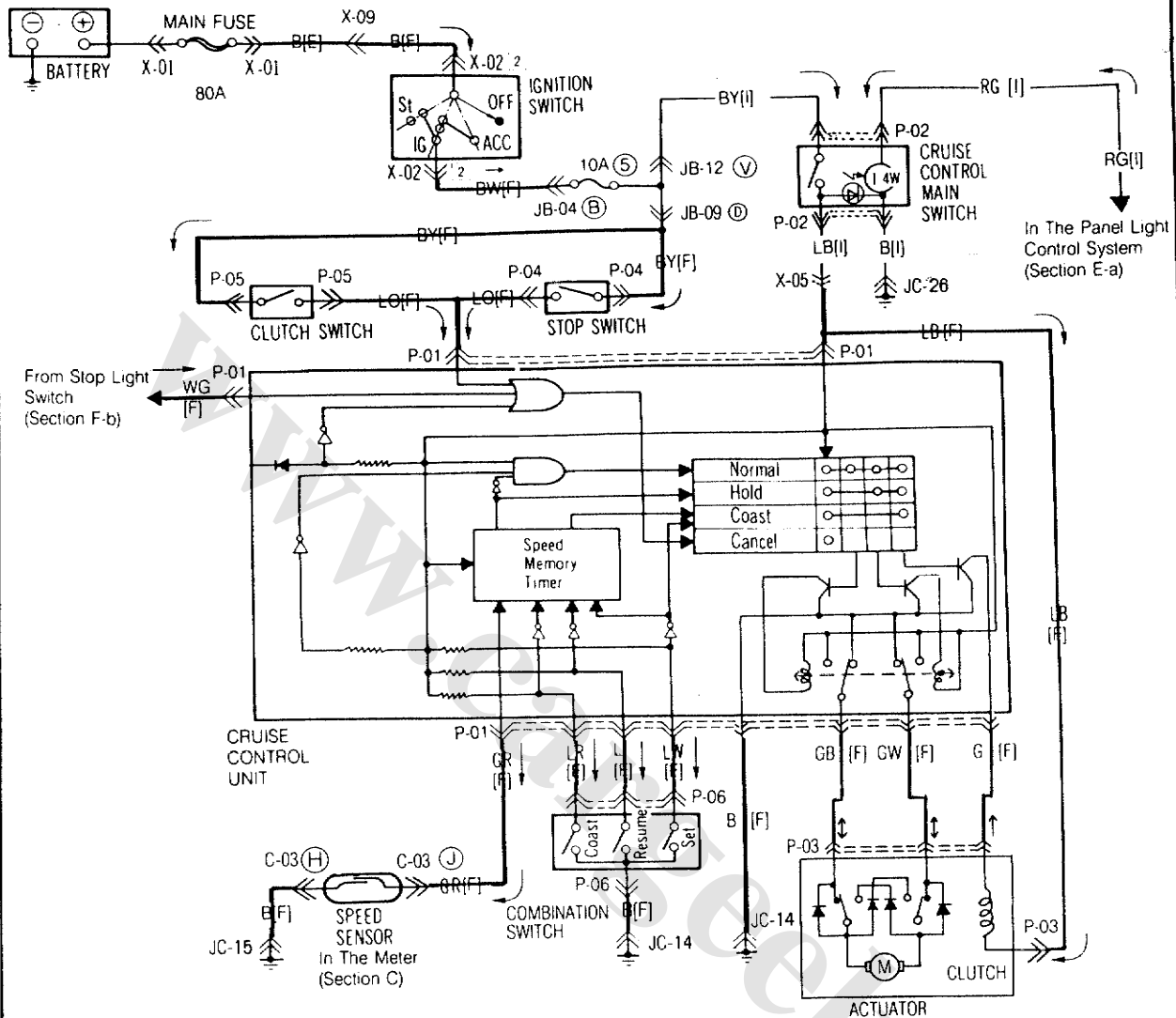
<p>P-01 Cruise Control Unit [F] () ... 4AT</p>	<p>P-02 Cruise Control Main Switch [I]</p>	<p>P-03 Actuator Solenoid Valve [F]</p>	
<p>P-04 Stop Switch [F]</p>	<p>P-05 Clutch Switch [F]</p>	<p>P-06 Combination Switch [F]</p>	



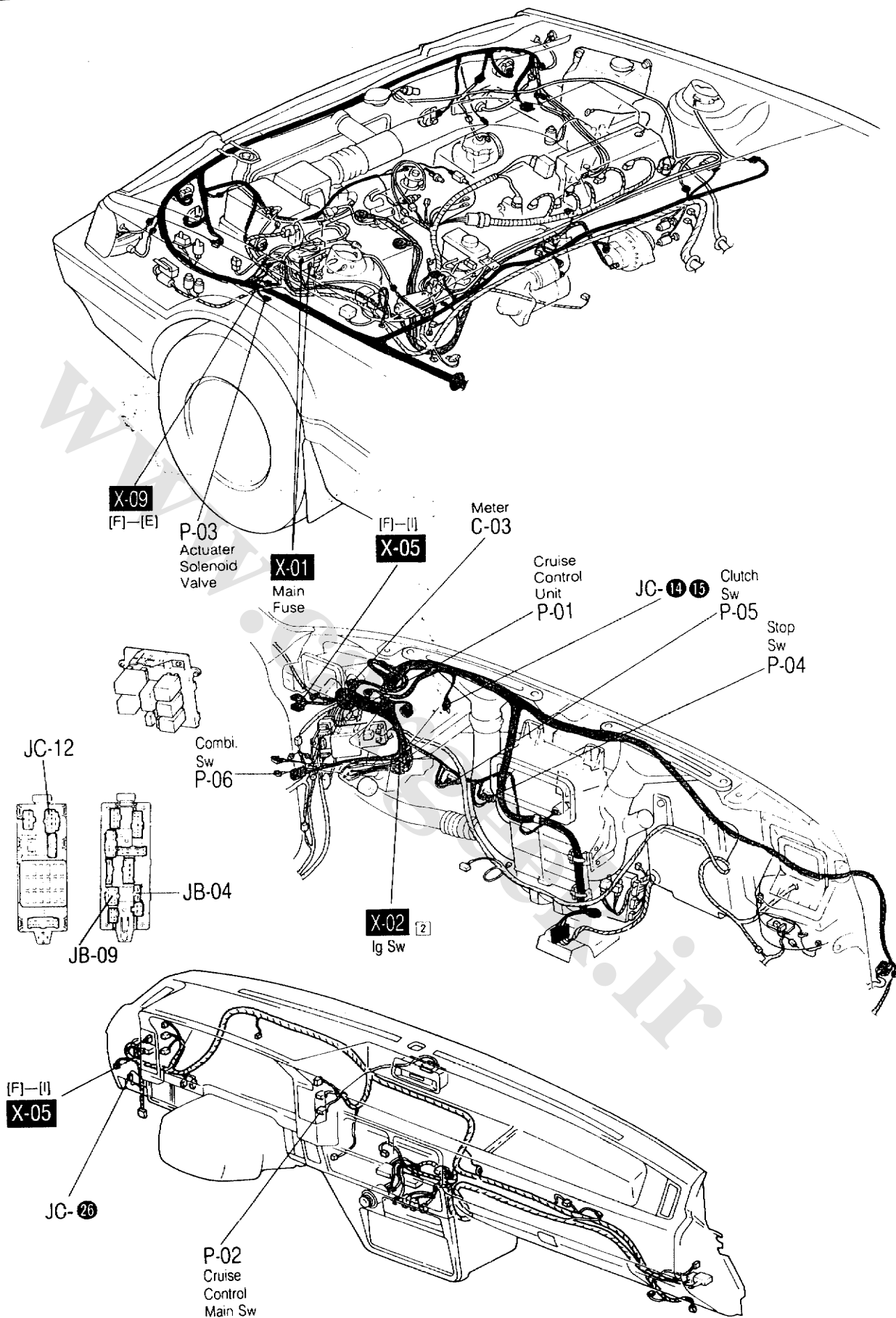
P-2

For Turbo without 4WD
CRUISE CONTROL SYSTEM

Note: ...Not Used

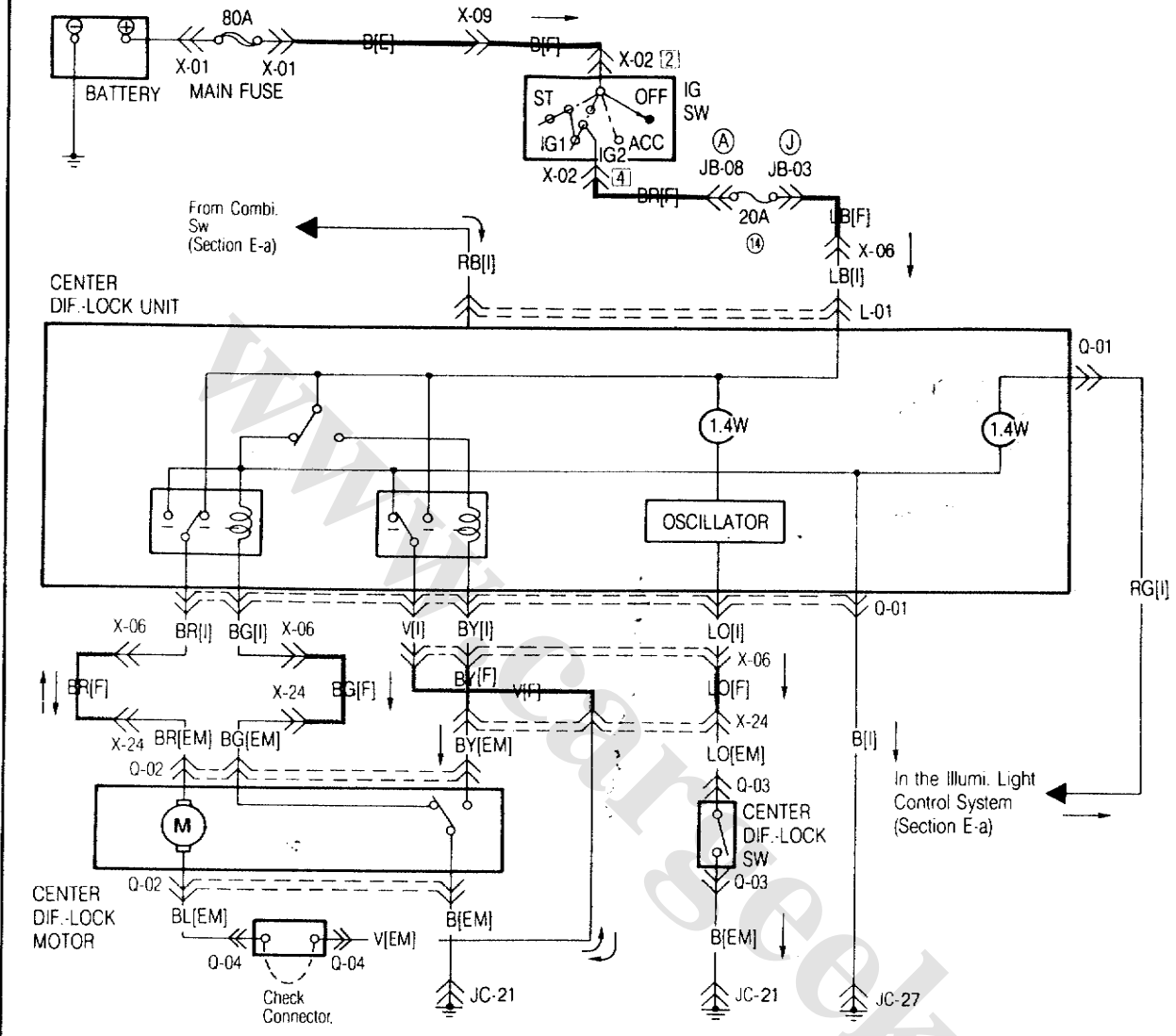


<p>P-01 Cruise Control Unit [F]</p>	<p>P-02 Cruise Control Main Switch [I] (E-05)</p>	<p>P-03 Actuator [F]</p>
<p>P-04 Stop Switch [F]</p>	<p>P-05 Clutch Switch [F]</p>	<p>P-06 Combination Switch [F]</p>



Q ■ CENTER DIFFERENTIAL SYSTEM

Note:
× ...Not Used



<p>Q-01 Center Dif.-lock Unit [I]</p>	<p>Q-02 Dif.-lock Motor [EM]</p>	<p>Q-03 Center Dif.-lock Sw [EM]</p>
<p>Q-04 Check Connector [EM]</p>		

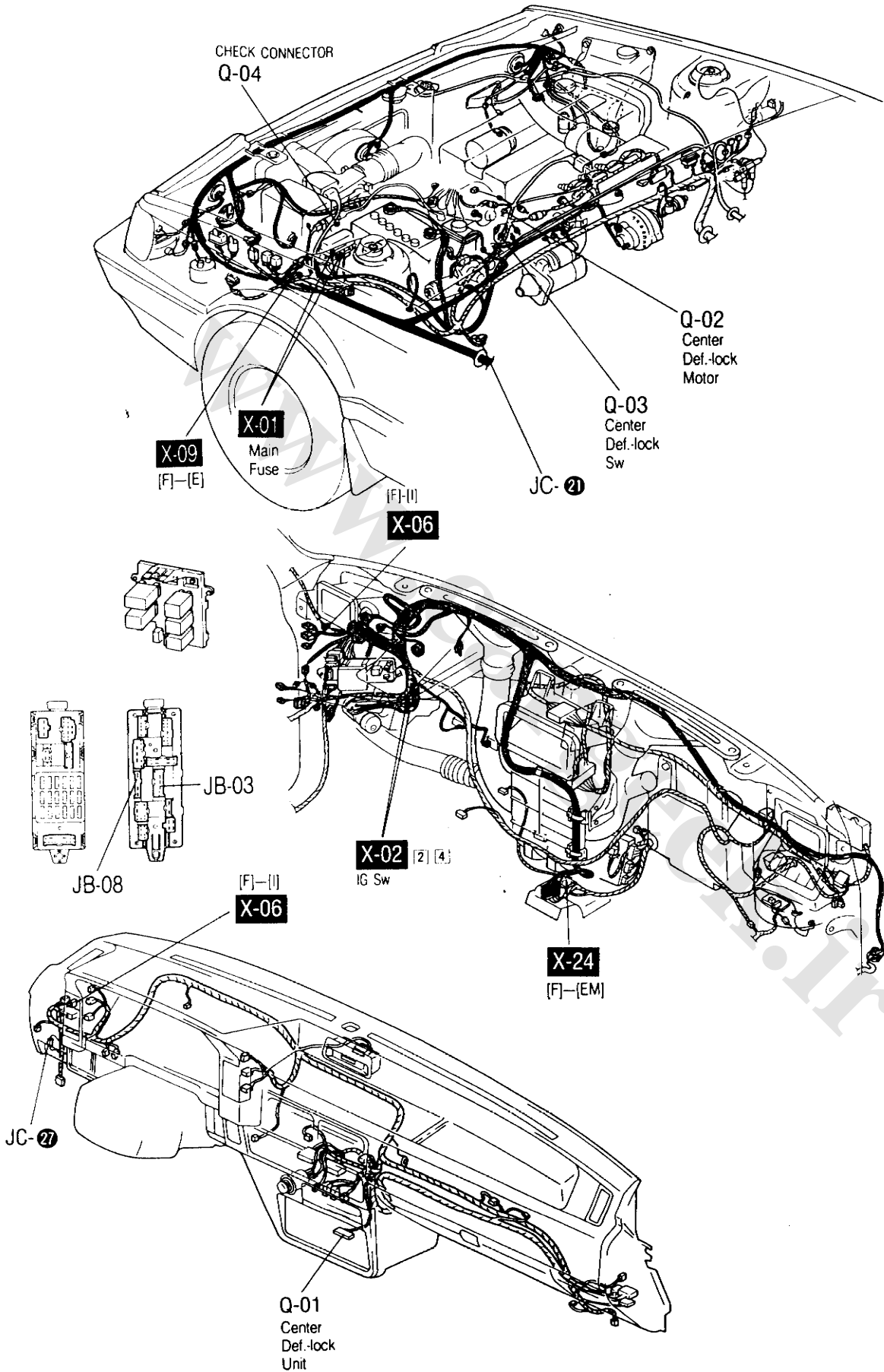
COMMON CONNECTOR LIST

<p>X-01 MAIN FUSE [E]</p>	<p>X-02 Ignition Switch [F]</p>	<p>X-03 Connector Between Front [F] And Emission [EM] Harness < > 4AT () ... 4AT</p>	<p>X-04 Connector Between Front [F] And Emission [EM] Harness < > 4AT () ... Turbo without 4WD</p>	<p>X-05 Connector Between Front [F] And Instrument Panel [I] Harness () ... 4WD</p>	<p>X-06 Connector Between Front [F] And Instrument Panel [I] Harness (For 4WD)</p>	<p>X-07 Connector Between Front [F] And Rear [R] Harness () ... 4AT < > 4WD () ... Turbo without 4WD</p>	<p>X-08 Connector Between Front [F] And Engine [E] Harness () ... 4WD</p>	<p>X-09 Connector Between Front [F] And Engine [E] Harness</p>	<p>X-10 Connector Between Front [F] And Door [Dr1] Harness () ... 4WD < > 4AT < > 4WD () ... 3 Door</p>	<p>X-11 Connector Between Front [F] And Floor [Fr] Harness () ... Turbo</p>	<p>X-12 Connector Between Front [F] And Floor [Fr] Harness</p>	<p>X-13 Connector Between Front [F] And Interior Light [In] Harness</p>	<p>X-14 Connector Between Front [F] And No. 1 Door [Dr1] Harness</p>	<p>X-15 Connector Between Front [F] And No. 2 Door [Dr2] Harness</p>	<p>X-16 Connector Between Front [F] And No. 2 Door [Dr2] Harness</p>	<p>X-17 Connector Between Rear [R] And No. 2 Rear [Rr2] Harness (3 And 5 Door)</p>	<p>X-18 Connector Between Floor [Fr] And No. 1 Door [Dr1] Harness (4 And 5 Door)</p>	<p>X-19 Connector Between Floor [Fr] And No. 3 Door [Dr3] Harness (4 And 5 Door)</p>	<p>X-20 Connector Between Floor [Fr] And No. 4 Door [Dr4] Harness (4 And 5 Door)</p>	<p>X-21 Connector Between Emission [EM] And Engine [E] Harness</p>	<p>X-22 Connector Between Emission [EM] And Air Con. [AC] Harness</p>	<p>X-23 Connector Between Instrument Panel [I] And Air Con. [AC] Harness</p>	<p>X-24 Connector Between Front [F] And Emission [EM] Harness (For 4WD)</p>	<p>X-25 Joint Connector [I]</p>	<p>X-26 Joint Connector [F]</p>	<p>X-27 Connector Between Rear [R] And No. 2 Rear [Rr2] Harness</p>
---------------------------	---------------------------------	---	---	--	--	--	--	--	---	--	--	---	--	--	--	--	--	--	--	--	---	--	---	---------------------------------	---------------------------------	---



Note: * ... No Used

WIRING DIAGRAM 50-Q



50 WIRING DIAGRAM

HARNESS COLOR FRONT (F) — INST (I) —

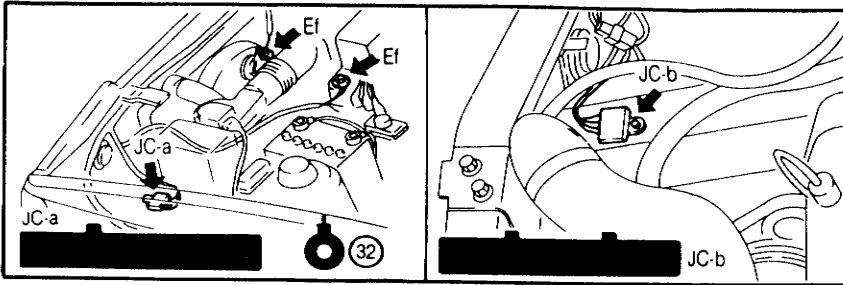
REAR (R) —

JC

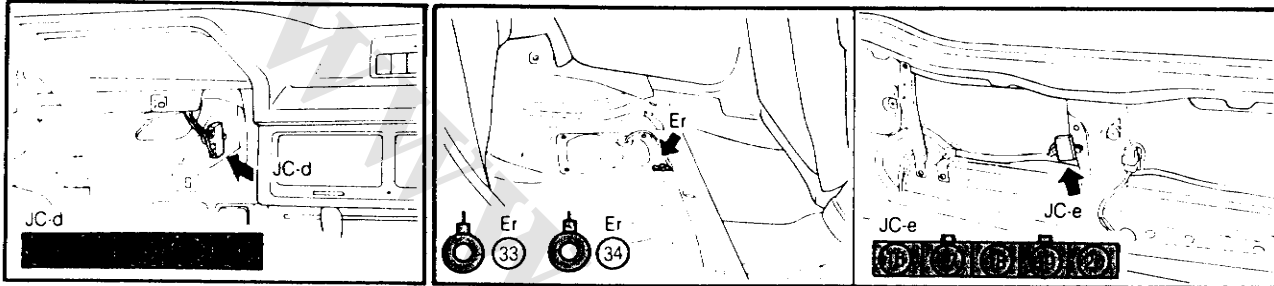
GROUND CIRCUIT

Note: Wiring order into the Joint connector may be changed
* ...Not Used

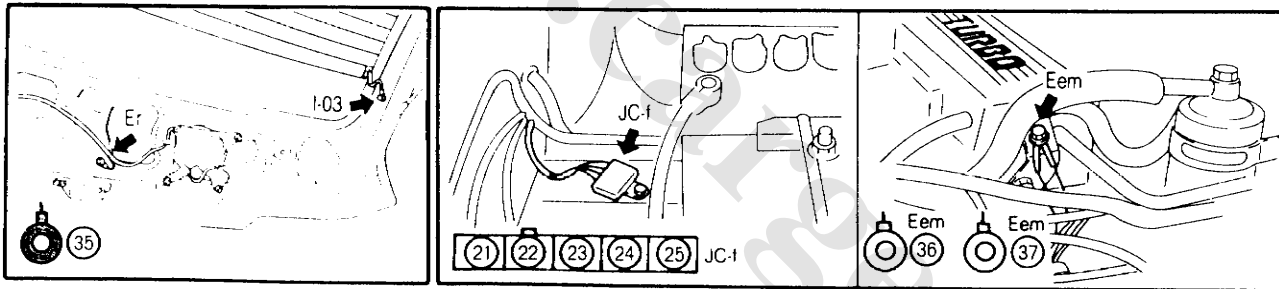
Front Harness



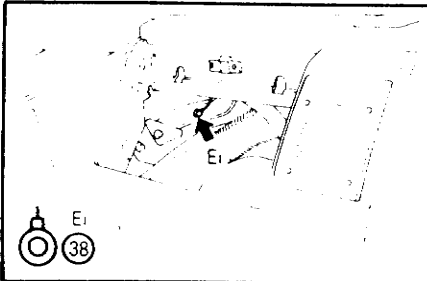
Rear Harness



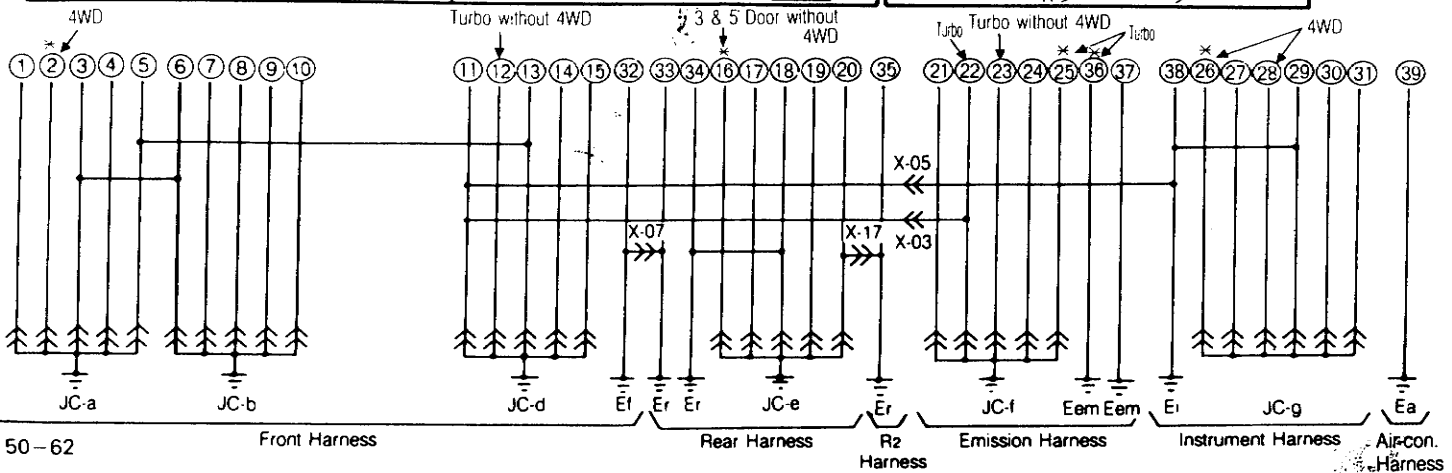
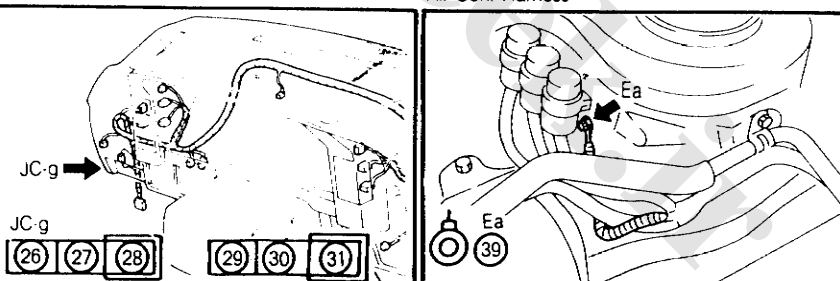
Emission Harness



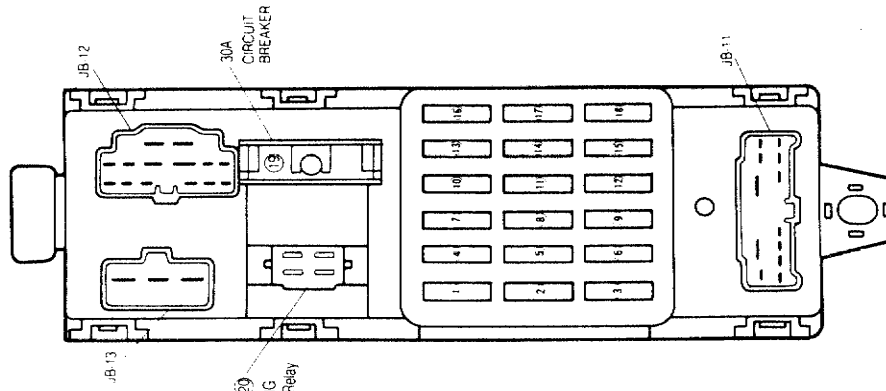
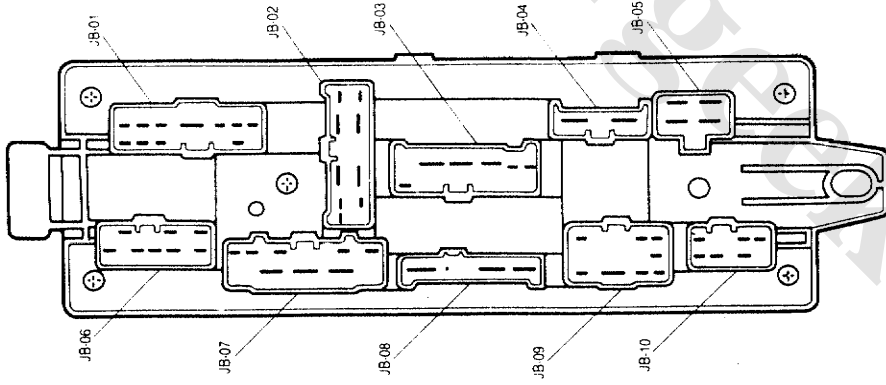
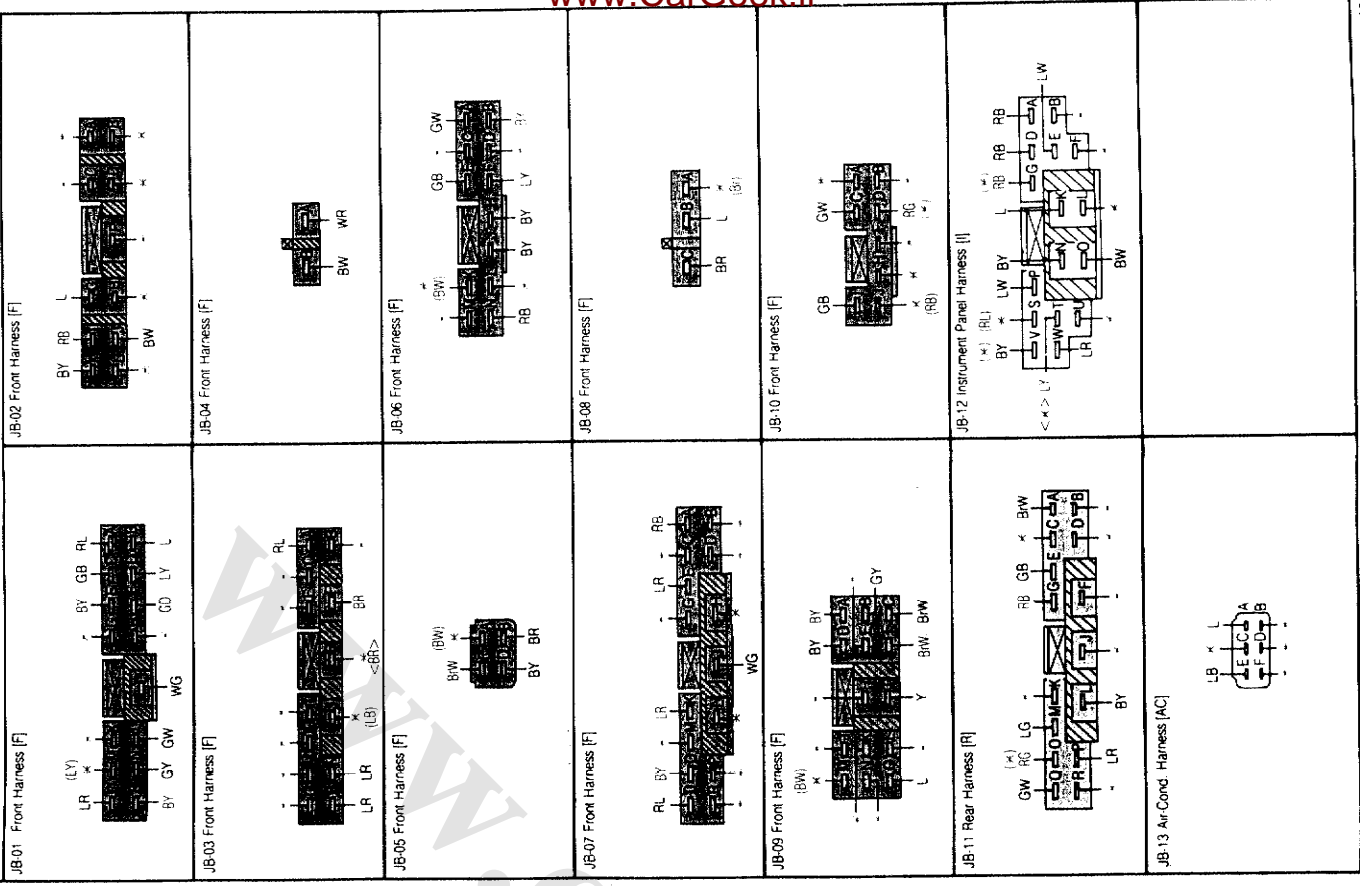
Instrument Harness



Air Con. Harness



Note: 1. Only with AWD 2. Only without AWD 3. Not used

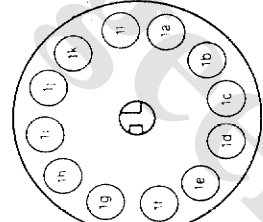
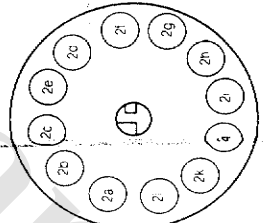
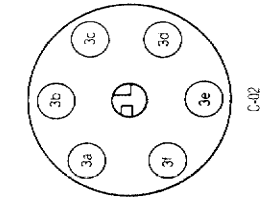
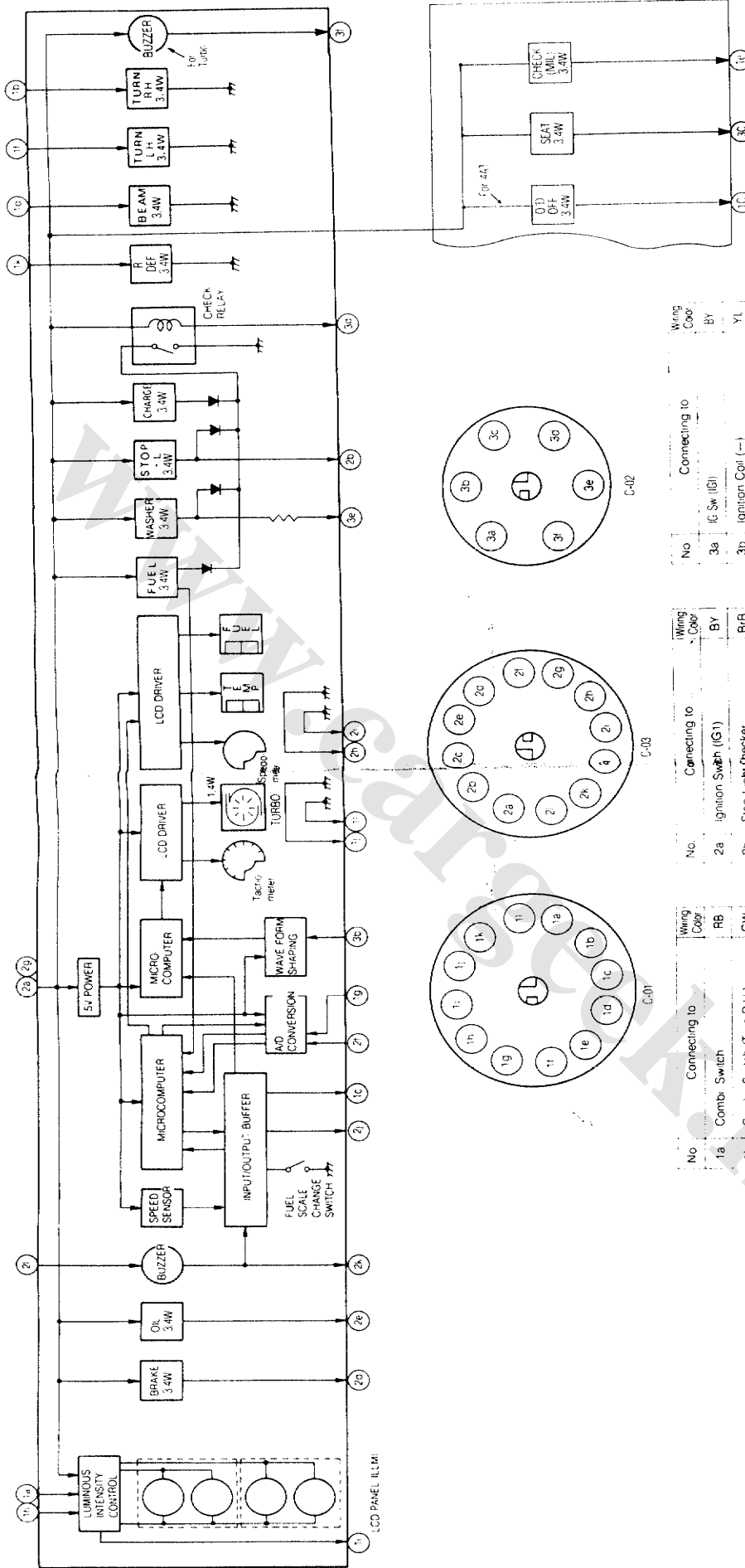


NO	CIRCUIT NAME	FUSE
⑩	Not Used	
⑪	DOOR LOCK	30A
⑫	ROOM	10A
⑬	AIR CONDITIONER	15A
⑭	CENTER DIF. LOCK	20A
⑮	SUNROOF	15A
⑯	WIPER	15A
⑰	COOLING FAN	20A
⑱	REAR WIPER	10A

NO	CIRCUIT NAME	FUSE
①	POWER WINDOW	30A
②	STOP or HORN	15A
③	ENGINE	15A
④	HAZARD	15A
⑤	METER	10A
⑥	REAR WINDOW DEFROSTER	20A
⑦	TAIL	15A
⑧	AUDIO	15A

50 WIRING DIAGRAM LIQUID CRYSTAL DISPLAY (ELECTRONIC) METER

Note
* Not Used



No	Connecting to	Wiring Color
3a	(G Sw (IB))	BY
3b	Ignition Coil (-)	YL
3c	Tuner & Buzzer (Seat Belt)	GO
3d	Alternator	WB
3e	Washer Level Sensor	G
3f	Pressure Switch (for Turbo)	Lg

No	Connecting to	Wiring Color
2a	Ignition Switch (IG1)	BY
2b	Stop Light (Checker)	Br/B
2c		WR
2d	Brake Fluid Level Switch	Br/W
2e	Oil Pressure Switch	YR
2f	Fuel Tank Unit	Y
2g	Ignition Switch (IG1)	BY
2h	Ground	B
2i	Ground	B
2j	Height Control Unit (for 4WD)	GR
2k	Oscillator	Br
2l	Battery (+ & -)	LY

No	Connecting to	Wiring Color
1a	Combi. Switch	RB
1b	Combi. Switch (Turn R H)	GW
1c	Engine Control Unit (for Turbo)	WL
1d	Combi. Switch (High Beam)	RW
1e	Engine Control Unit	Lg
1f	Combi. Switch (Turn L H)	GB
1g	Water Temp. Sensor	YW
1h	Panel Light Control	RG
1i	Ground	B
1j	Ground	BG
1k	Rear Window Defroster Sw	BY
1l	Ground	BG

