



معاونت مهندسی و کیفیت

جزوه آموزشی

نقشه های الکتریکی خودرو

هایما S7 TC

کلید مدرک ۱۶۲۷۵

تأبستان ۱۳۹۵

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General Wire Color Code

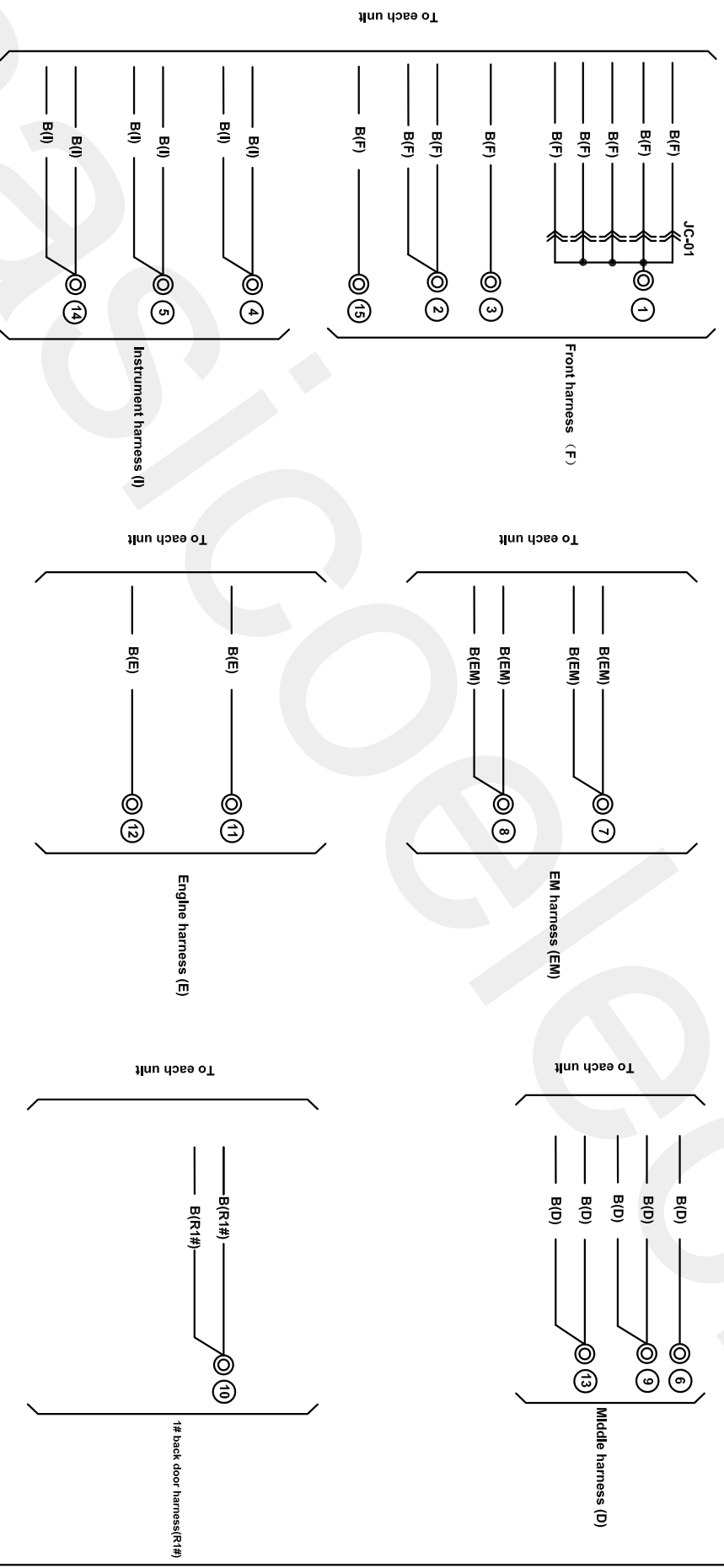
Color	Code	Color	Code
Black	B	Light Green	LG
Brown	BR	Orange	O
Dark blue	DL	Pink	P
Dark Green	DG	Red	R
Gray	GR	Sky Blue	SB
Green	G	Violet	V
Light blue	LB	White	W
Blue	L	Yellow	Y

Harness symbol

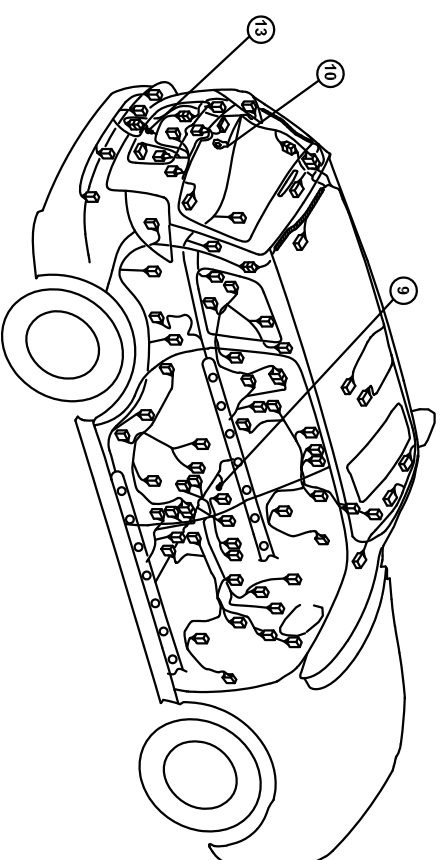
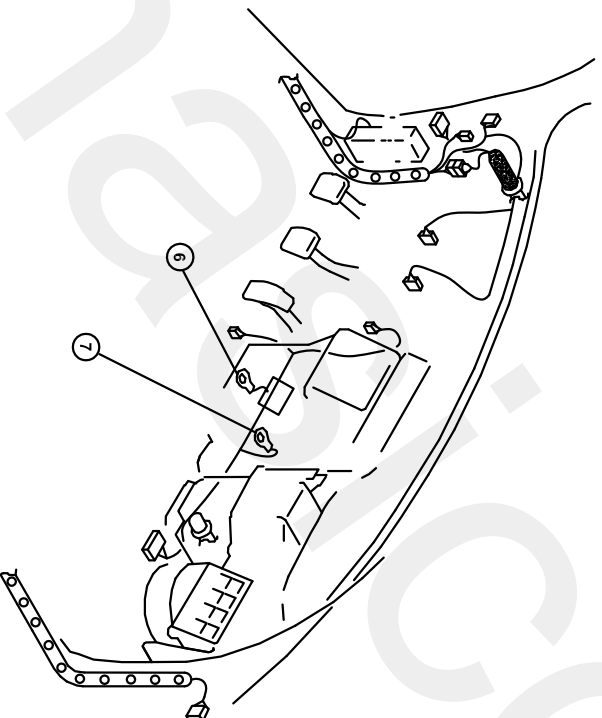
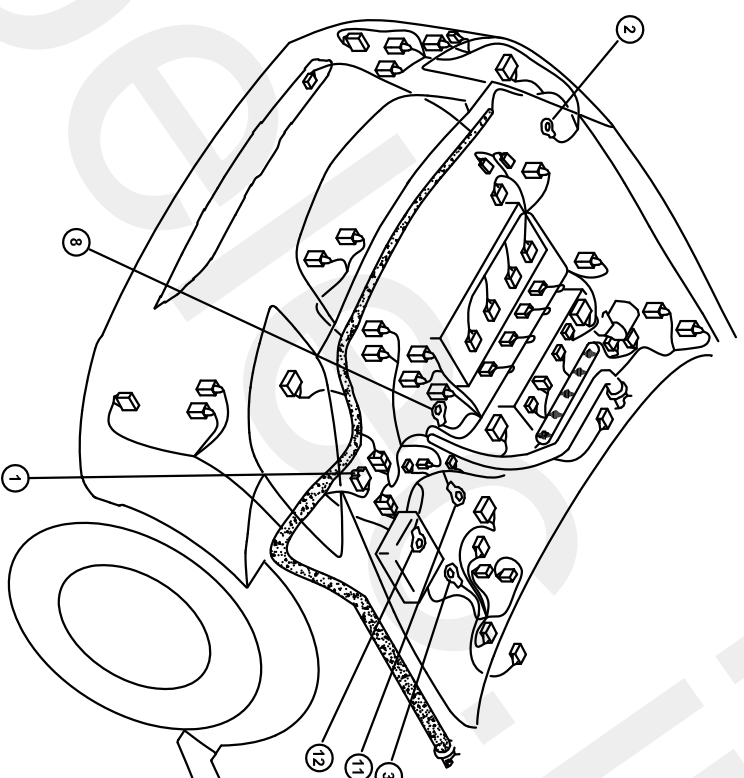
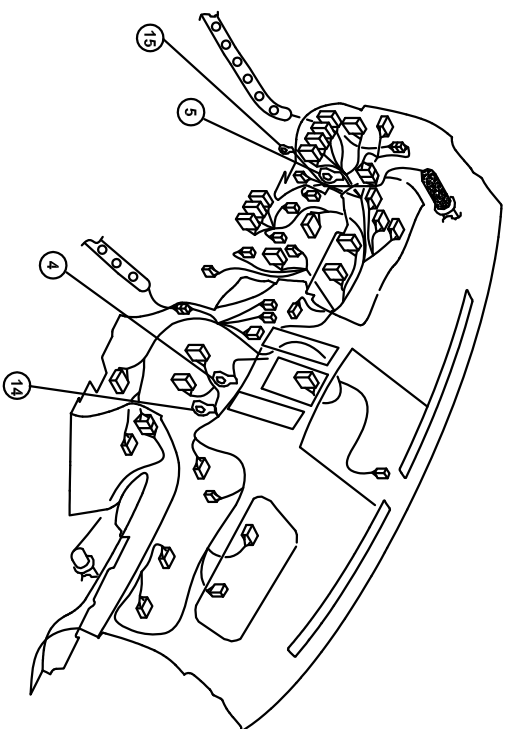
Name	Symbol		Name	Symbol	
Front harness	F		Grounding harness	EA	
Engine harness	E		Interior harness	IN	
EM harness	EM		Reversing radar harness	RA	
Middle harness	D		2# Back door harness	R2#	
Rear harness	R		1# Back door harness	R1#	
Front left door harness	DR1				
Front right door harness	DR2				
Rear left door harness	DR3				
Rear right door harness	DR4				
Instrument harness	I				

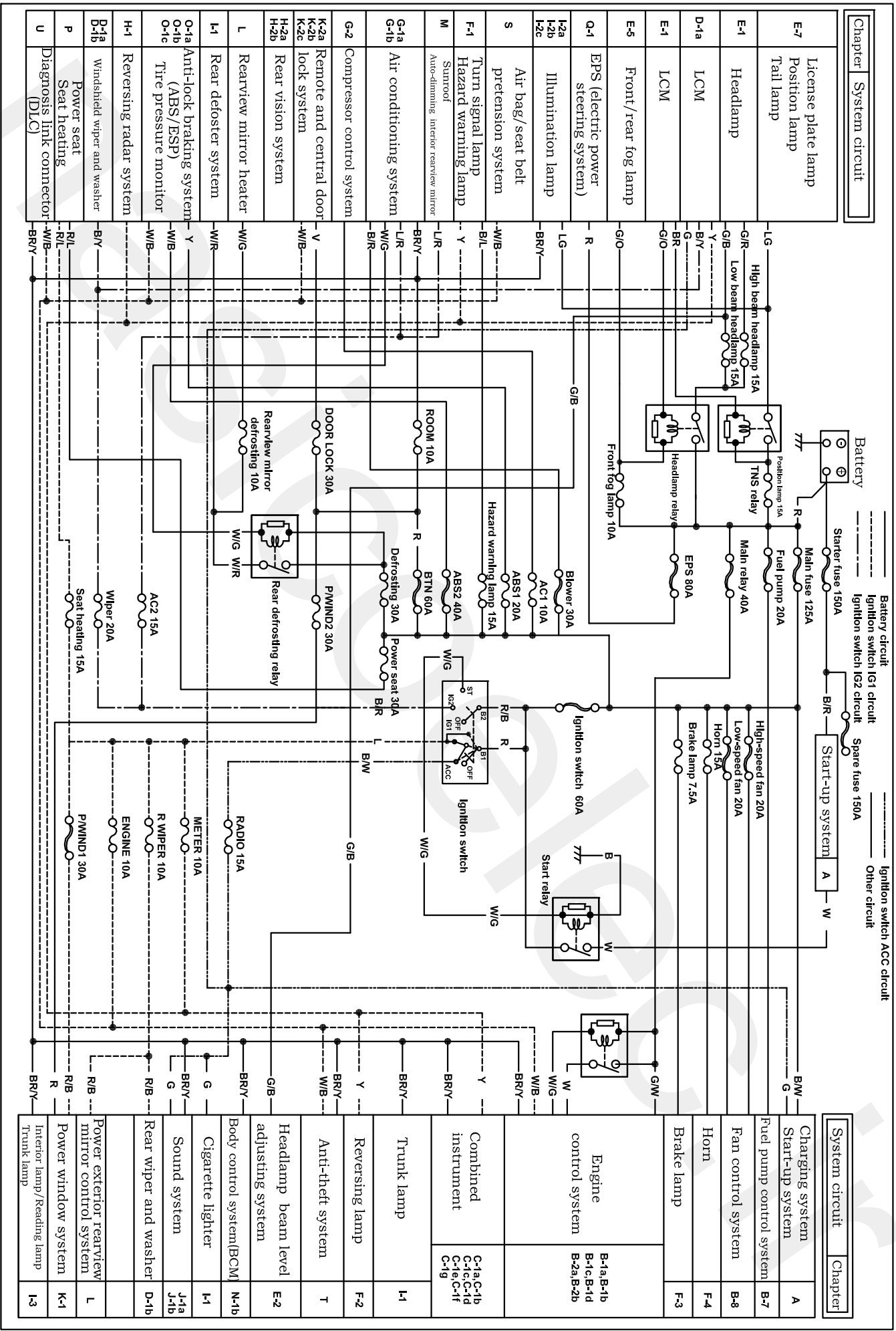
Ground point

JC-01 Concentrator (F)			
①	⑥ ③ ⑪ ⑫ ⑮		② ④ ⑤ ⑧ ⑬ ⑨ ⑩ ⑦ ⑭

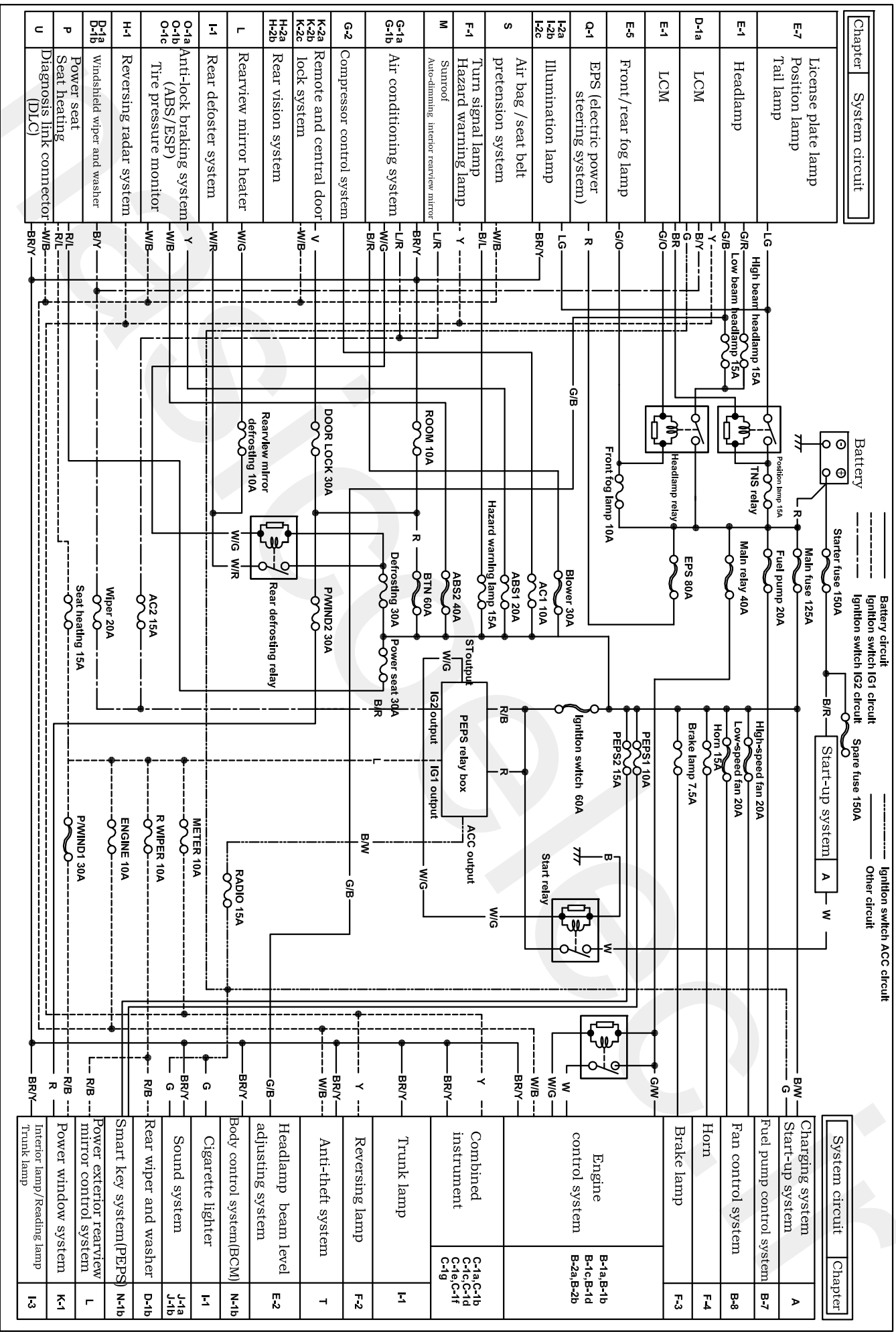


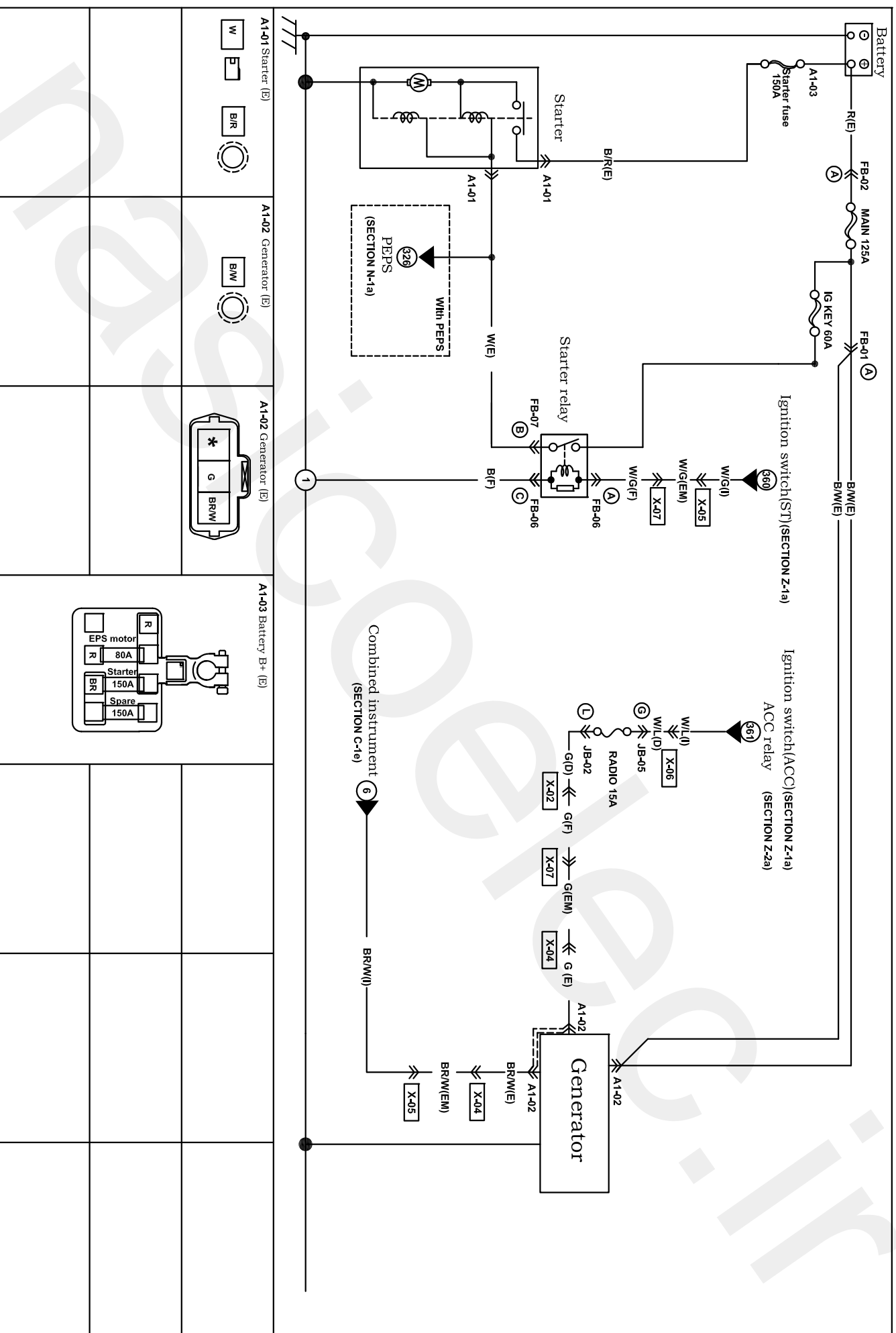
Harness mark:  (F)  (E)  (D)  (R)



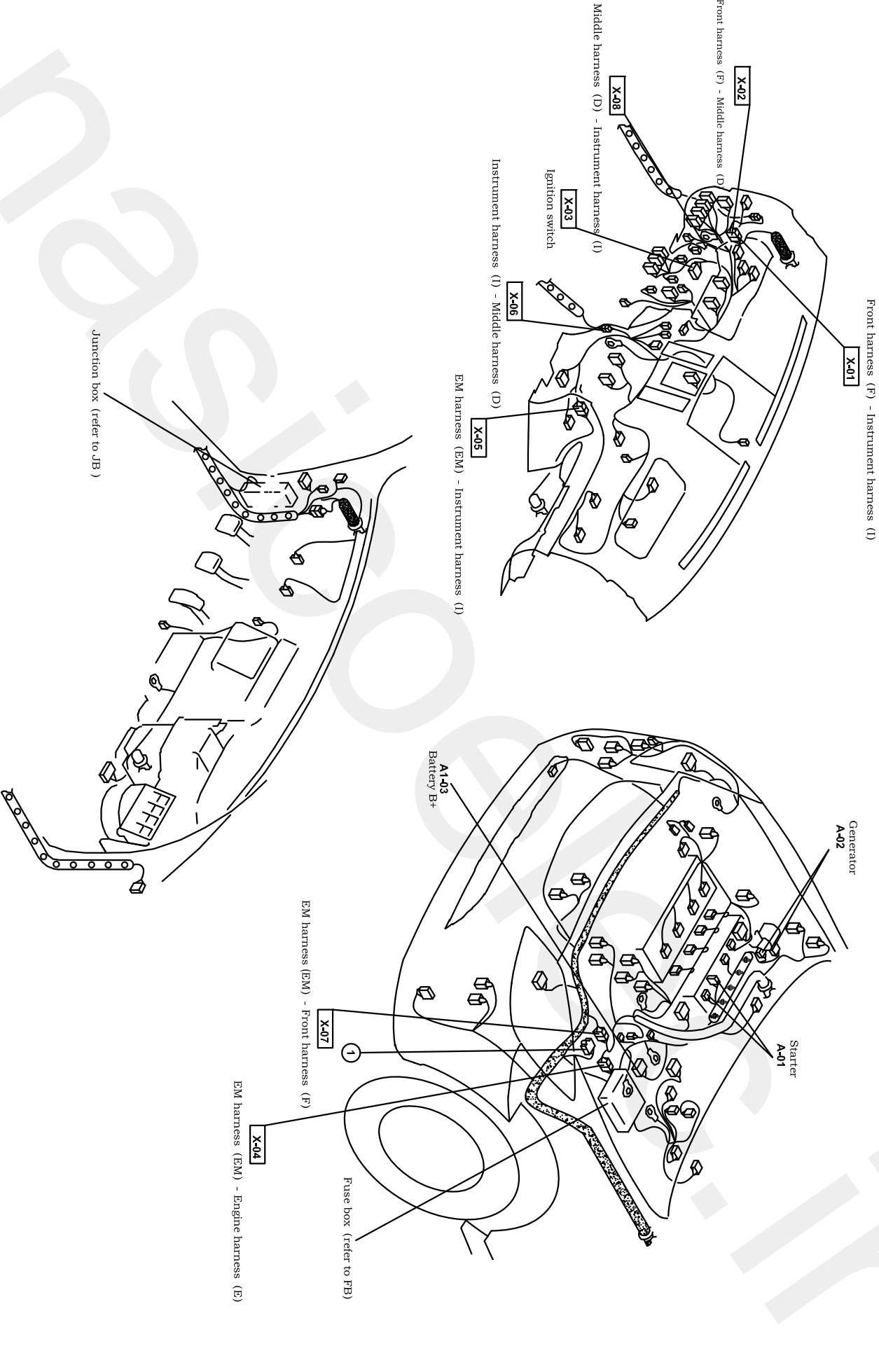


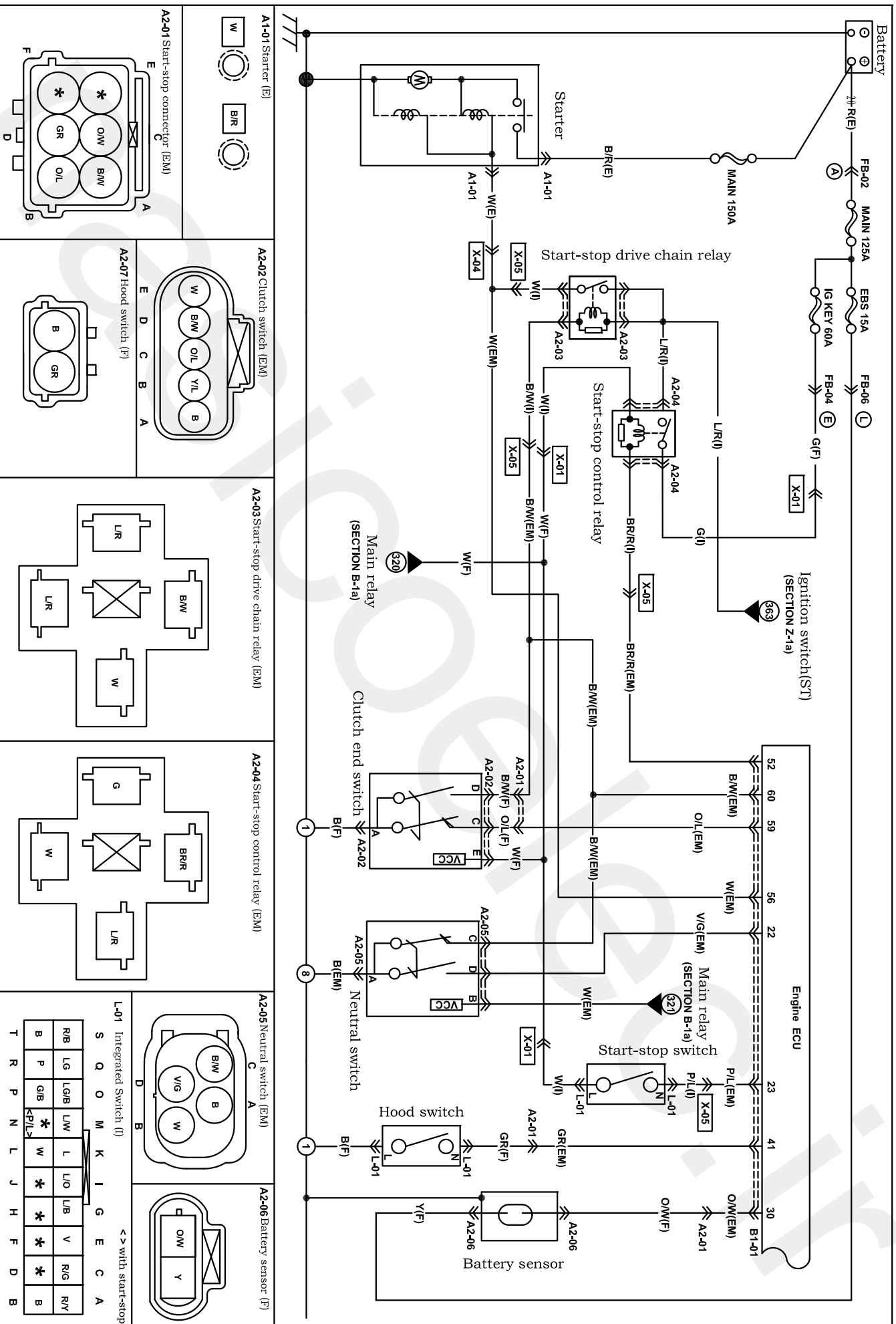
Electric harness schematic (with smart key)



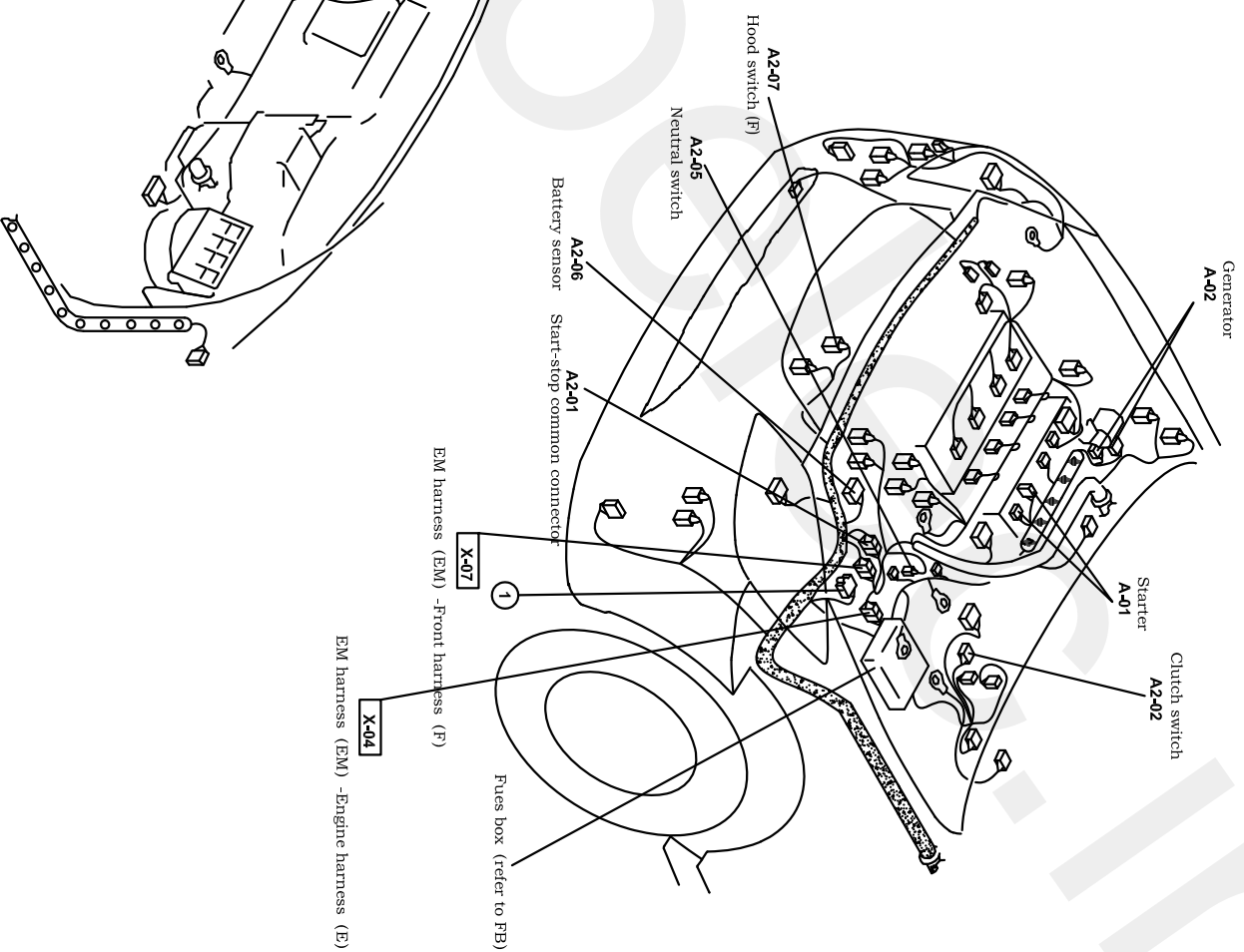
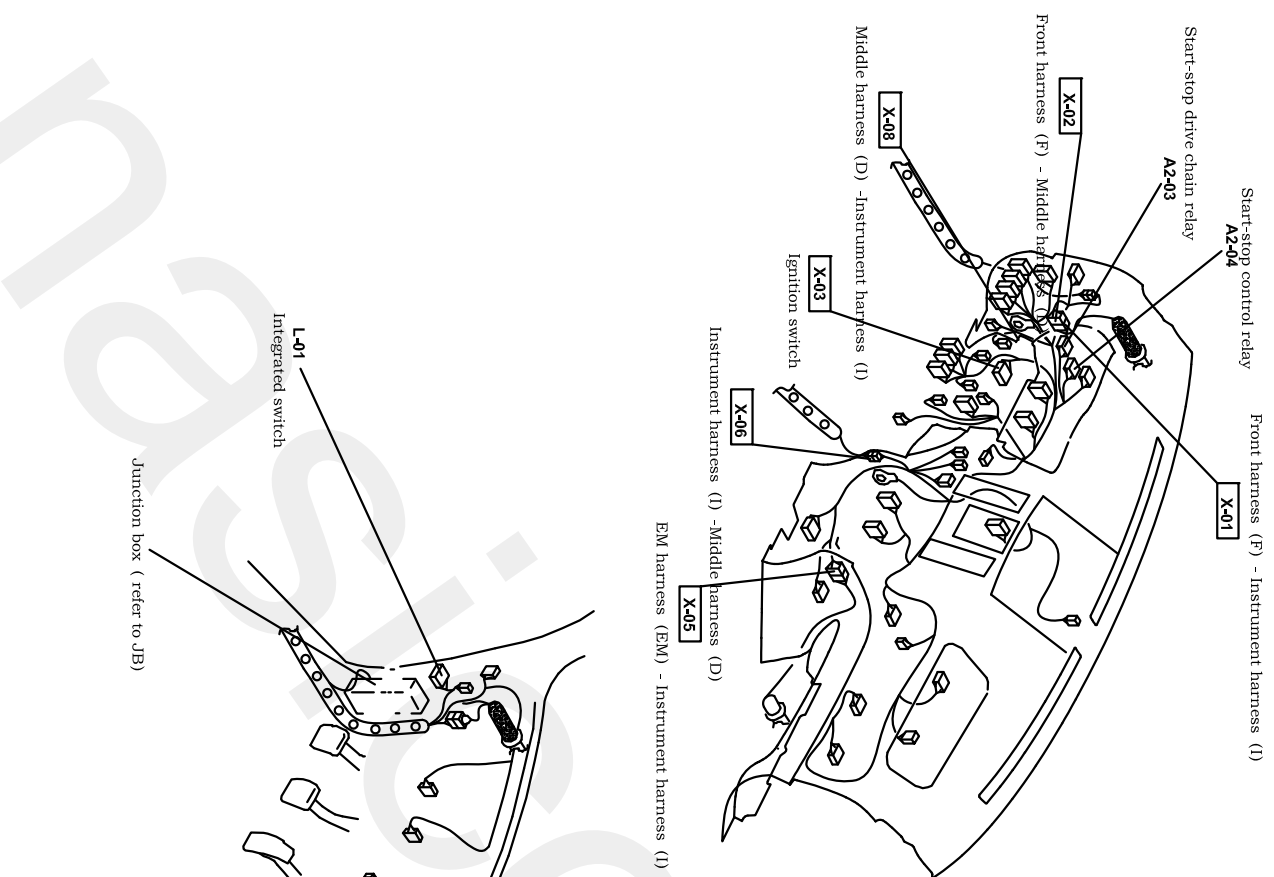


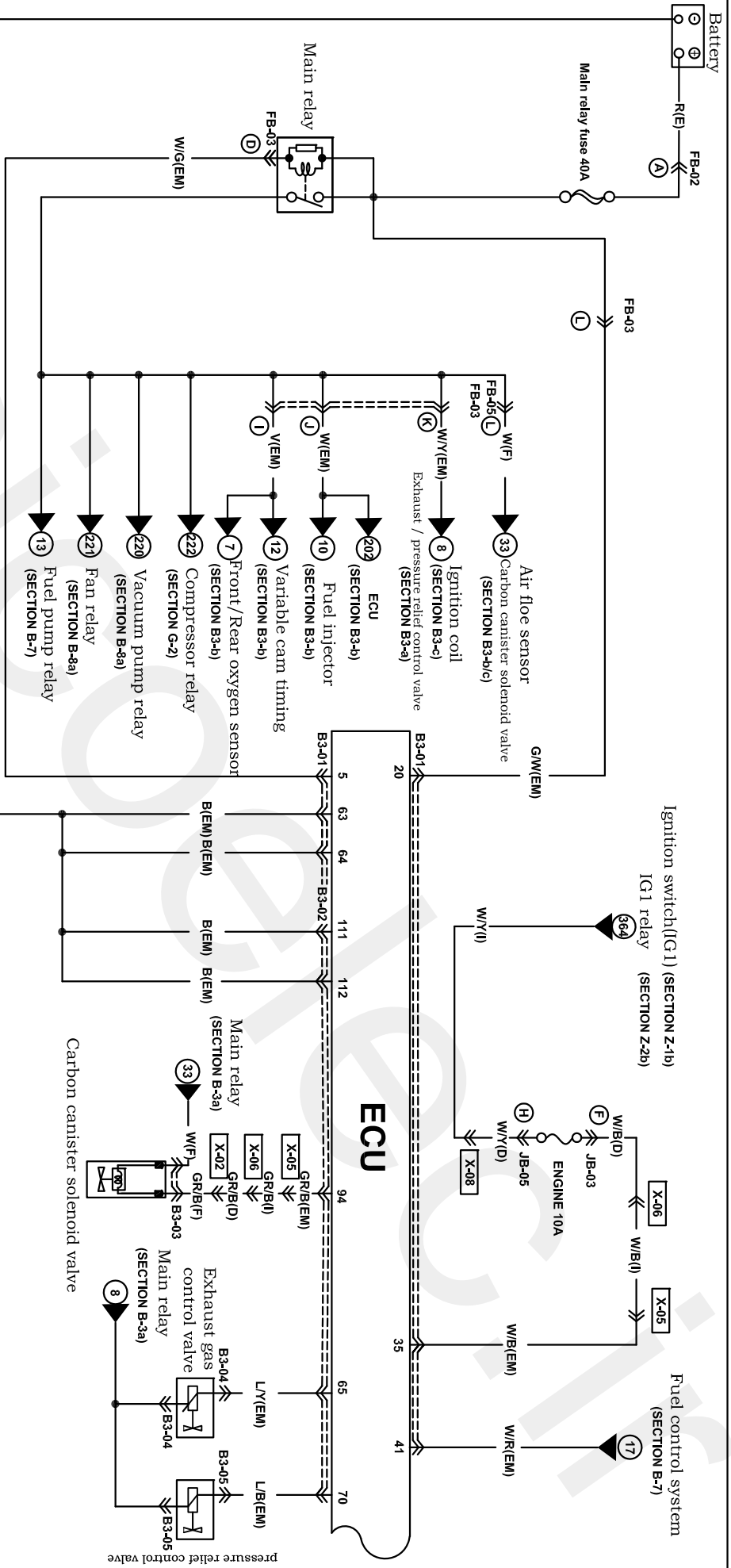
Harness mark:  (F)  (E)  (D)  (R)





Harness mark:  (F)  (E)  (D)  (R)





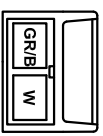
B3-01 ECU(EM)

B64	B63	B62	B61	B60	B59	B58	B57	B56	B55	B54	B53	B52	B51	B50	B49
B	B	P/G	O/W	LG	Y/L	*	*	Y/G	*	G/L	*	*	*	*	*
B48	B47	B46	B45	B44	B43	B42	B41	B40	B39	B38	B37	B36	B35	B34	B33
B/R	W/R	B/Y	L/G/R	P/B	W/L	BR/Y	W/R	*	*	G/Y	V/G	W/B	*	*	*
B32	B31	B30	B29	B28	B27	B26	B25	B24	B23	B22	B21	B20	B19	B18	B17
V/G	*	Y/W	*	V	*	*	R/G	*	B/L	*	Y/B	G/W	V	*	L/O
B16	B15	B14	B13	B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
W	W	*	*	O	*	*	G/O	*	L/W	*	W/G	*	*	*	B/G

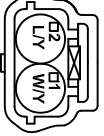
B3-02 ECU(EM)

B112	B111	B110	B109	B108	B107	B106	B105	B104	B103	B102	B101
B	B	G/Y	L/G/Y	Y/G	*	V/B	L/G	*	V/R	G/W	
B100	B99	B98	B97	B96	B95	B94	B93	B92	B91	B90	B89
B/R	R/Y	V/G	*	V/W	L/W	GR/B	W/G	*	BR/W	Y/L	BR/R
B88	B87	B86	B85	B84	B83	B82	B81	B80	B79	B78	B77
L	O	V/R	W/R	GR/Y	*	*	L/W	*	GR	Y	
B76	B75	B74	B73	B72	B71	B70	B69	B68	B67	B66	B65
L/O	W/Y	Y/G	L/O	W/B	L/R	L/B	P/L	R/Y	LG	*	L/Y

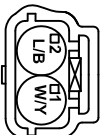
B3-03 Carbon canister solenoid valve (EM)



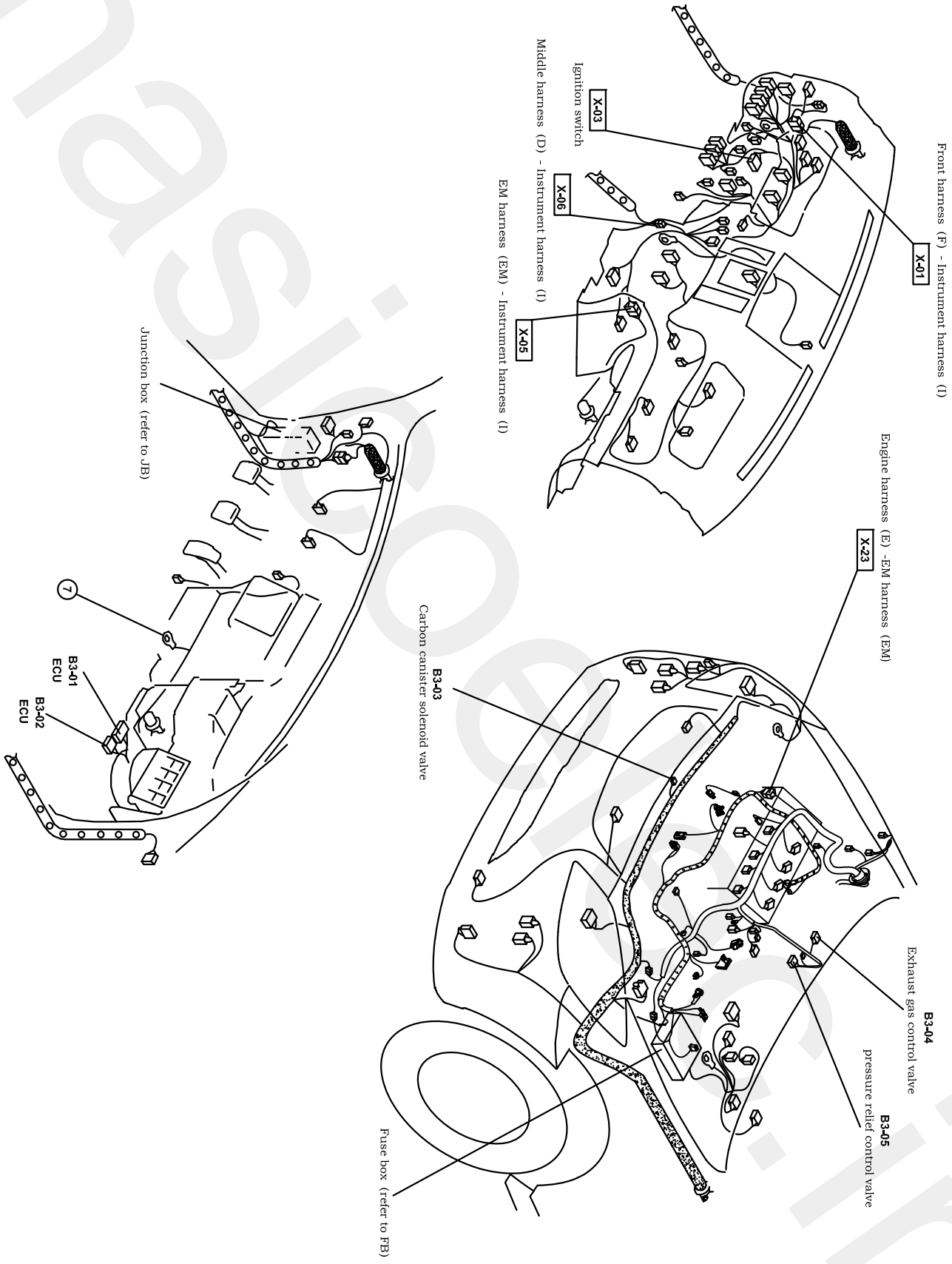
B3-04 Exhaust gas control valve (EM)

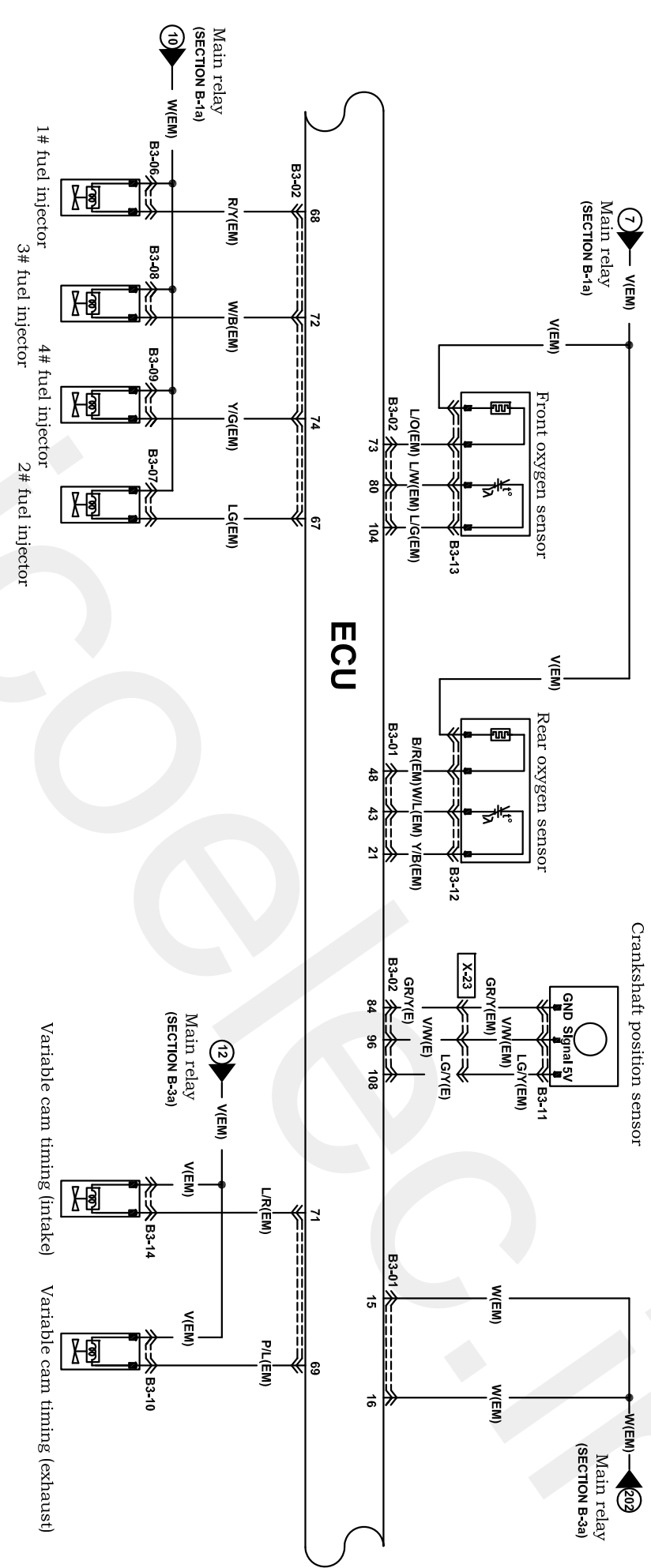


B3-05 pressure relief control valve (EM)



Harness mark:  (F)  (E)  (D)  (R)

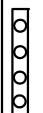


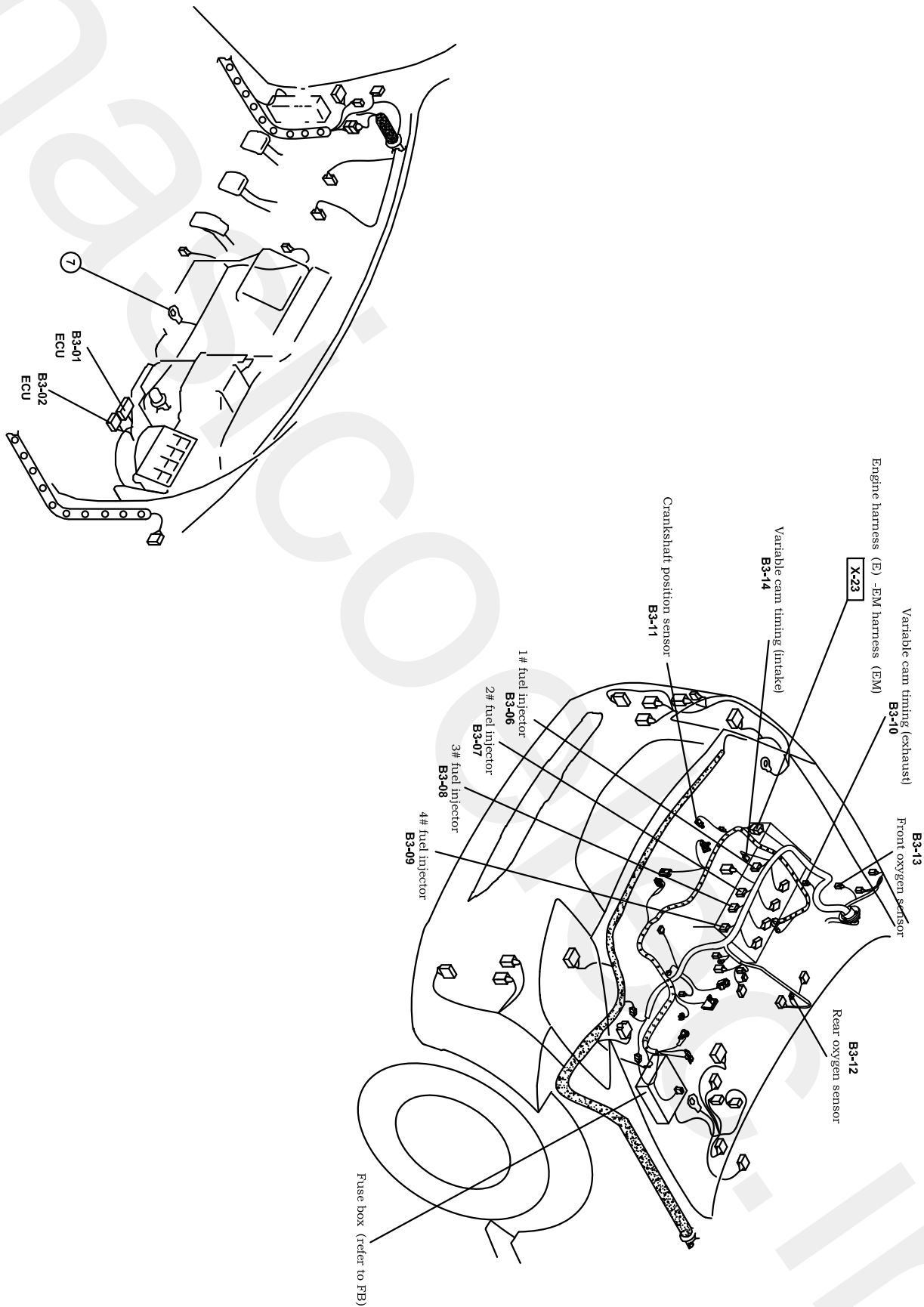


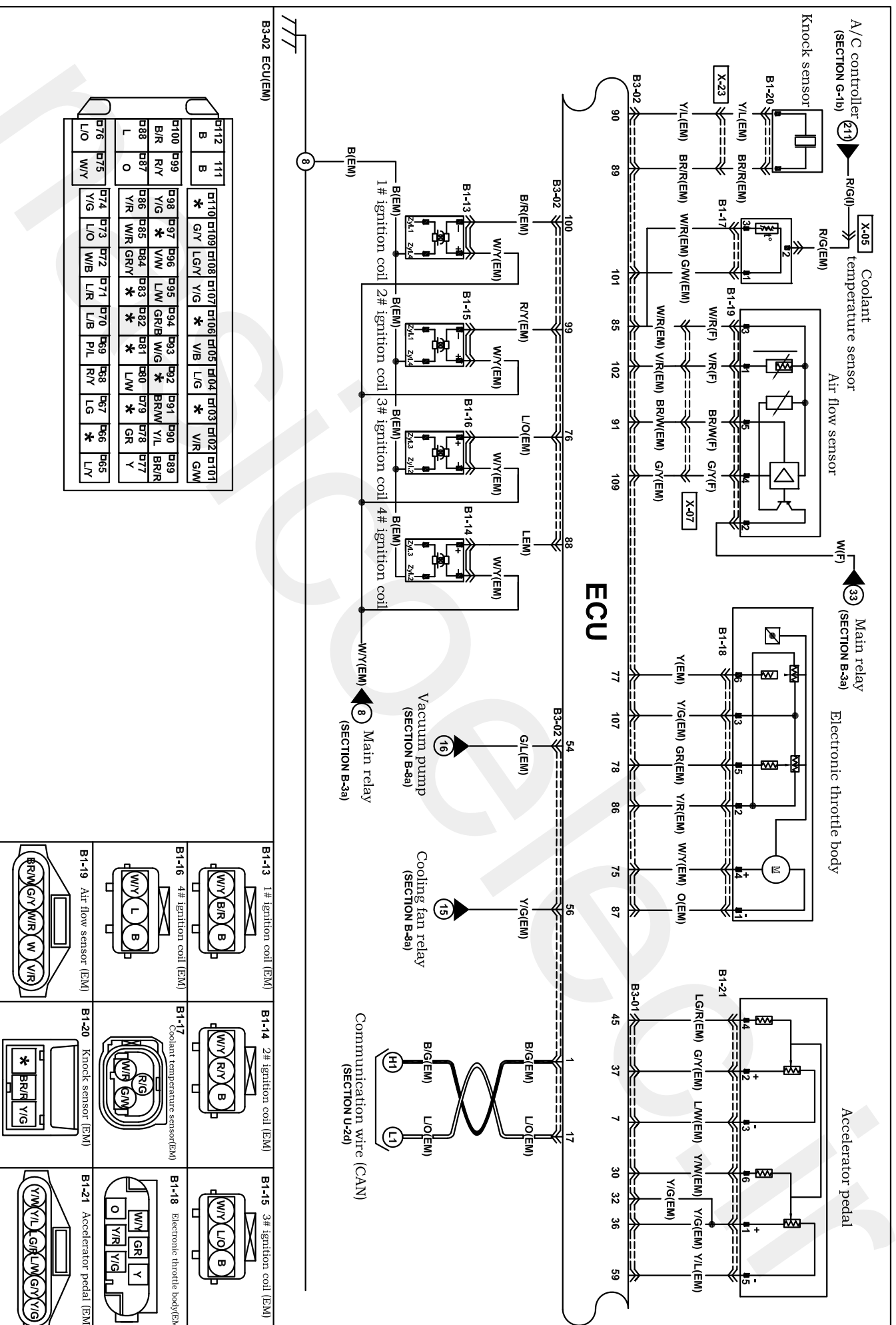
B3-01 ECU(EM)											
B64	B63	B62	B61	B60	B59	B58	B57	B56	B55	B54	B53
B	B	P/G	O/W	L/G	V/L	*	*	V/G	*	G/L	*
B48	B47	B46	B45	B44	B43	B42	B41	B40	B39	B38	B37
B/R	W/R	B/Y	L/G/R	P/B	W/L	BR/Y	W/R	*	*	G/Y	V/G
B32	B31	B30	B29	B28	B27	B26	B25	B24	B23	B22	B21
V/G	*	V/W	*	V	*	R/G	*	B/L	*	V/B	G/W
B16	B15	B14	B13	B12	B11	B10	B9	B8	B7	B6	B5
W	W	*	*	O	*	*	G/O	*	L/W	*	W/G
B49	B48	B47	B46	B45	B44	B43	B42	B41	B40	B39	B38
B	B	P/G	O/W	L/G	V/L	*	*	V/G	*	G/L	*
B33	B32	B31	B30	B29	B28	B27	B26	B25	B24	B23	B22
B/R	W/R	B/Y	L/G/R	P/B	W/L	BR/Y	W/R	*	*	G/Y	V/G
B17	B16	B15	B14	B13	B12	B11	B10	B9	B8	B7	B6
V/G	*	V/W	*	V	*	R/G	*	B/L	*	V/B	G/W
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
B/G	*	*	*	*	*	*	*	*	*	*	*

B3-02 ECU(EM)											
B112	B111	B110	B109	B108	B107	B106	B105	B104	B103	B102	B101
B	B	*	G/Y	L/G/Y	V/G	*	V/B	L/G	*	V/R	G/W
B99	B98	B97	B96	B95	B94	B93	B92	B91	B90	B89	B88
B/R	R/Y	V/G	*	V/W	L/W	GR/B	W/G	*	BR/W	V/L	BR/R
B87	B86	B85	B84	B83	B82	B81	B80	B79	B78	B77	B76
L	O	Y/R	W/R	GR/Y	*	*	L/W	*	GR	V	L/O
B75	B74	B73	B72	B71	B70	B69	B68	B67	B66	B65	B64
W/Y	V/G	L/O	W/B	L/R	L/B	P/L	R/Y	L/G	*	L/Y	

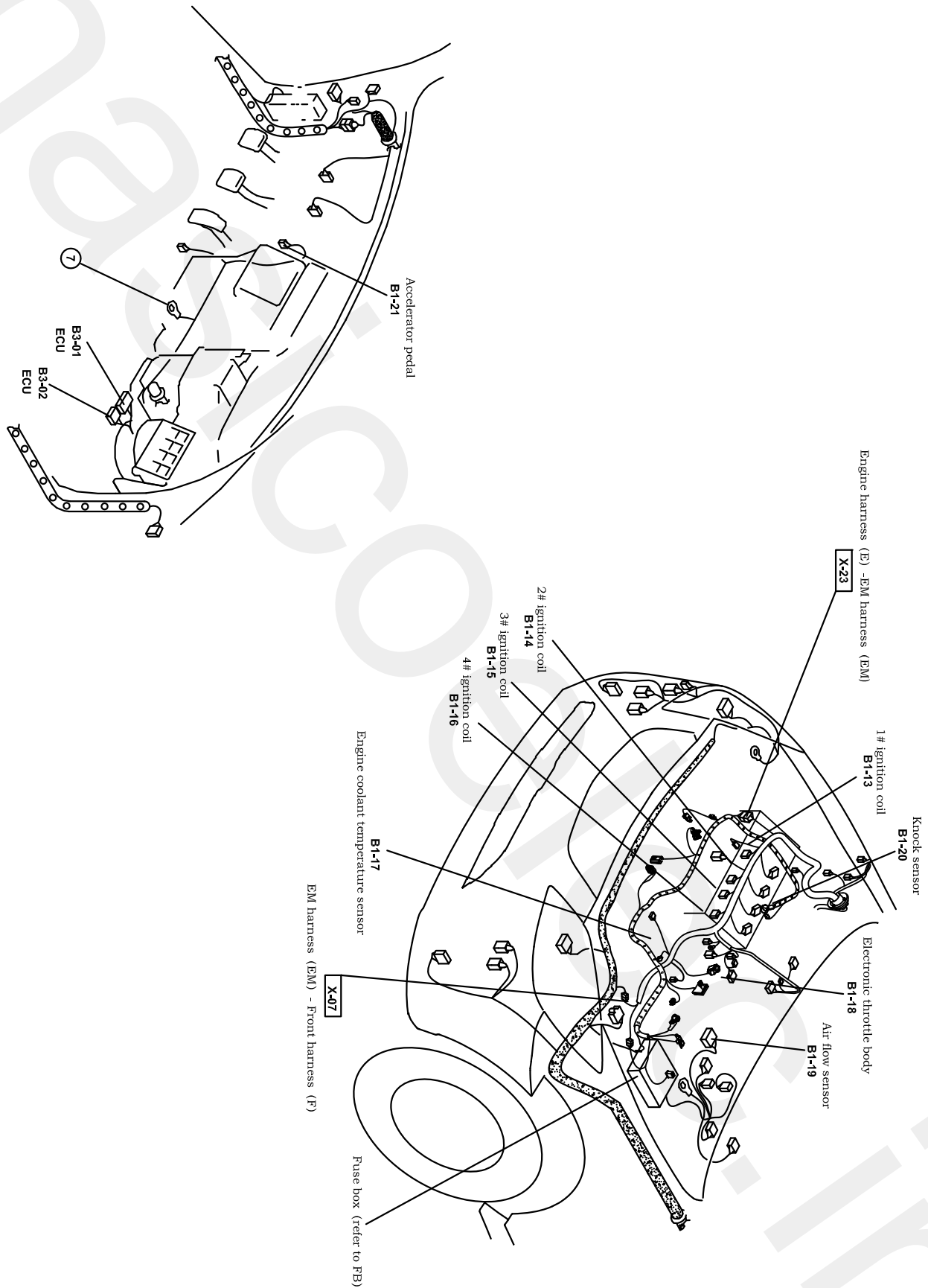
B3-06	B3-07	B3-08
1 # fuel injector(EM)	2# fuel injector(EM)	3# fuel injector(EM)
R/Y W	LG W	W/B W
B3-09	B3-10	B3-11
4# fuel injector(EM)	Variable cam timing (EM)	Crankshaft position sensor(EM)
V/G W	P/L V	LG/Y V/W GR/Y
B3-12	B3-13	B3-14
Rear oxygen sensor(EM)	Front oxygen sensor(EM)	Variable cam timing (EM)
W/L V	L/M V	L/R V
V/B B/R	L/G L/O	

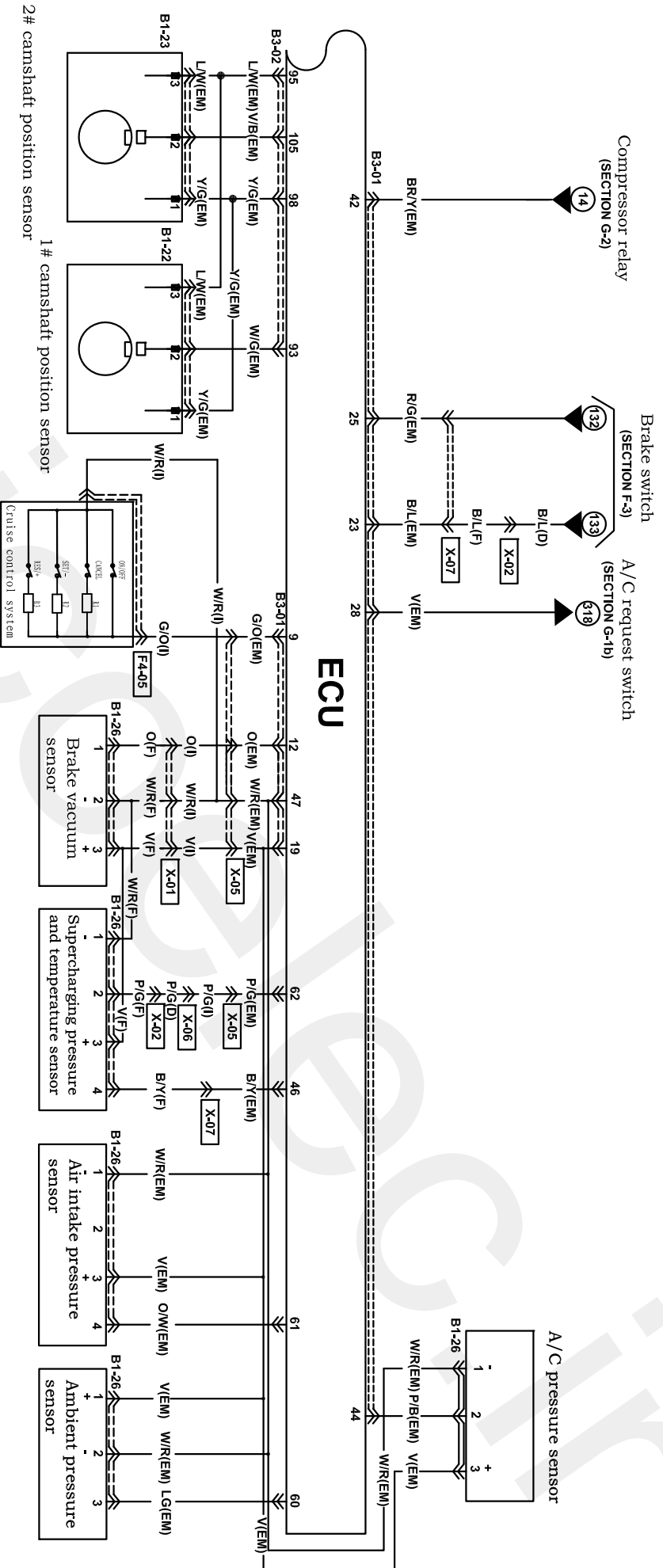
Harness mark:  (F)  (E)  (D)  (R)



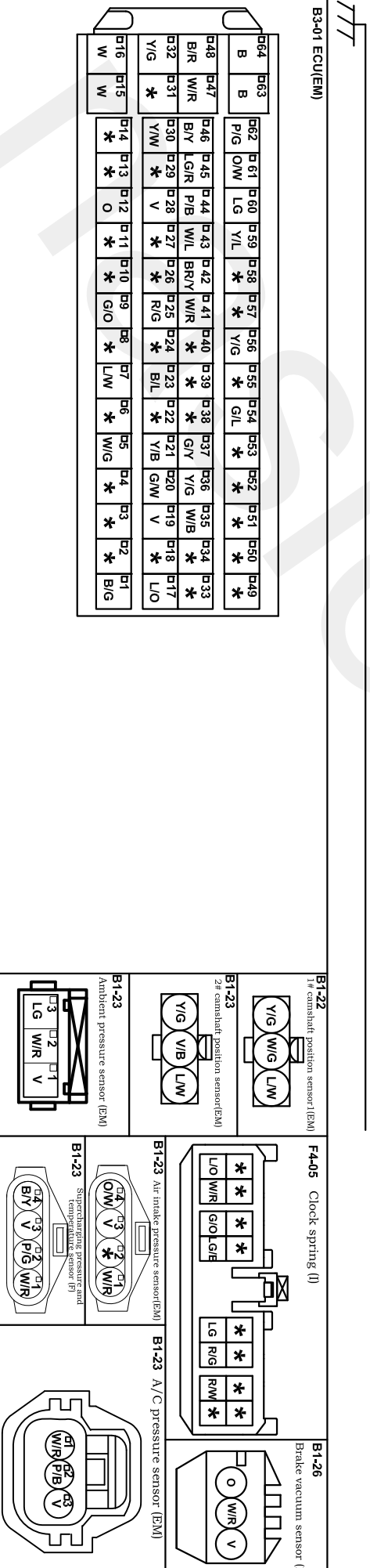


Harness mark:  (F)  (E)  (D)  (R)

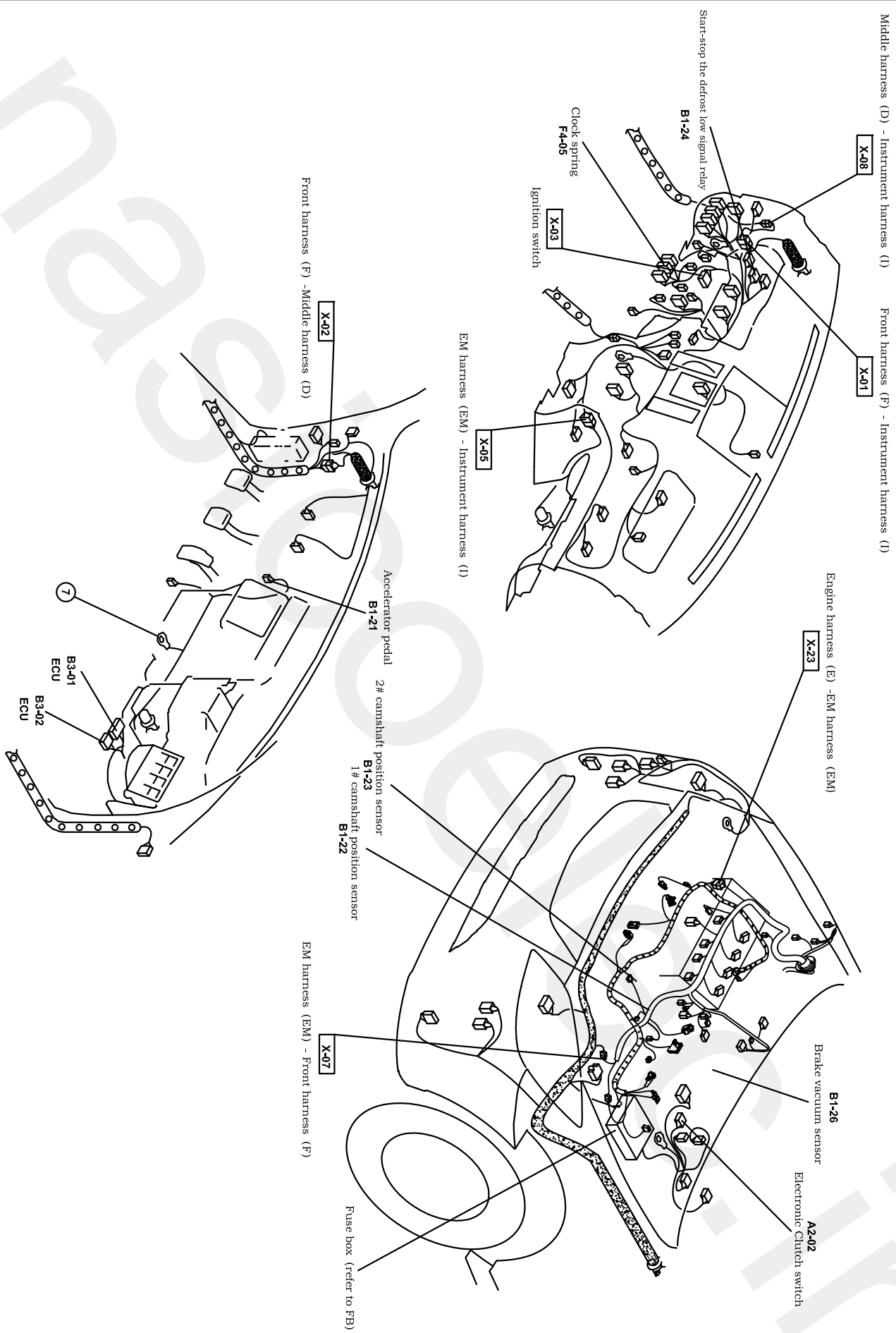




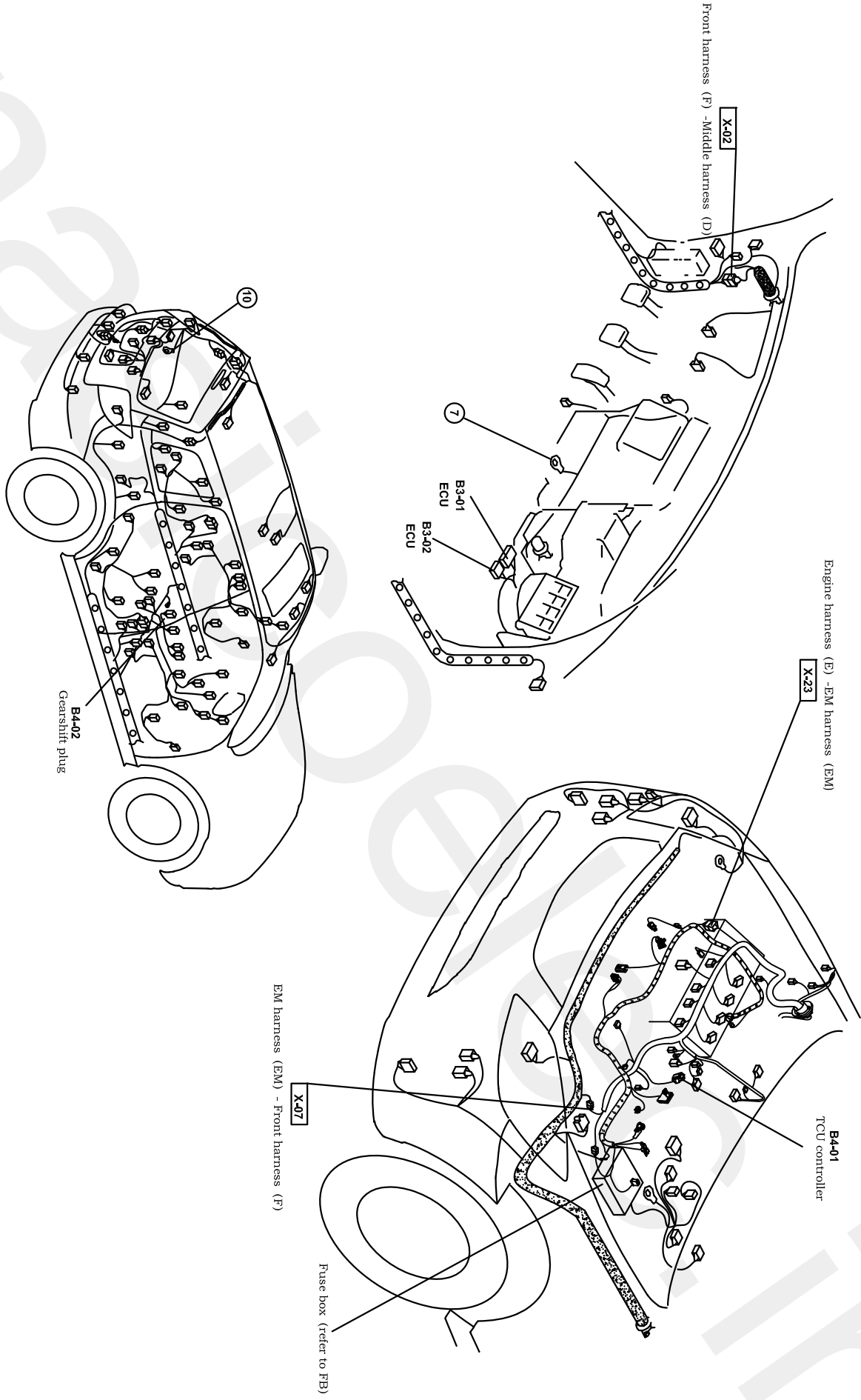
B3-0T ECU(EM)

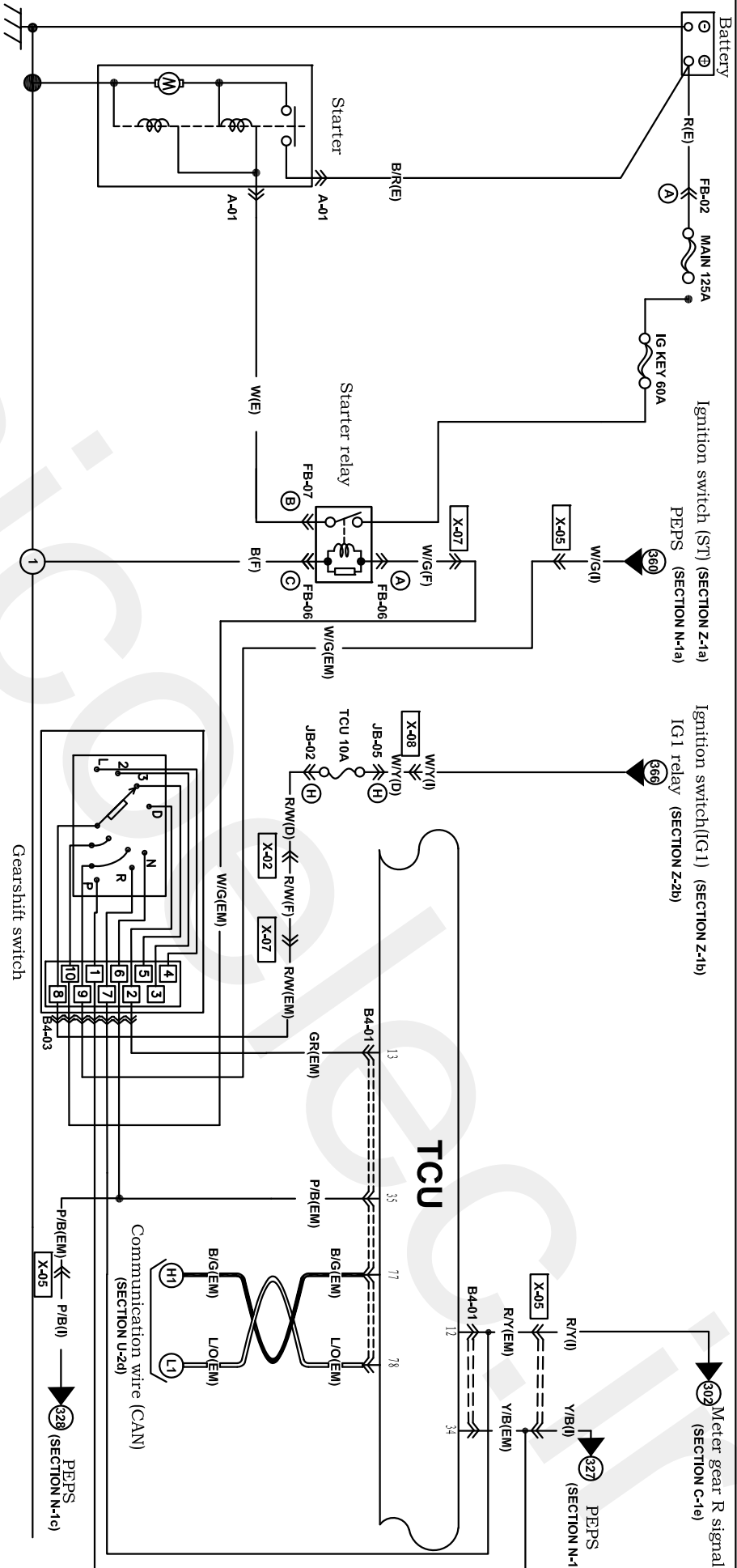


Harness mark:  (F)  (E)  (D)  (R)

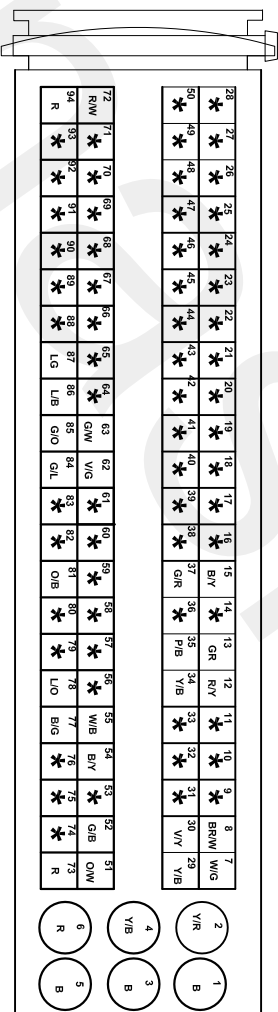


Harness mark:  (F)  (E)  (D)  (R)

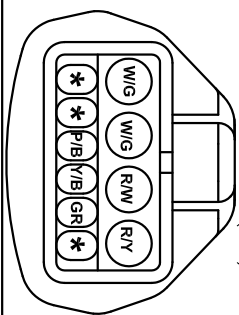




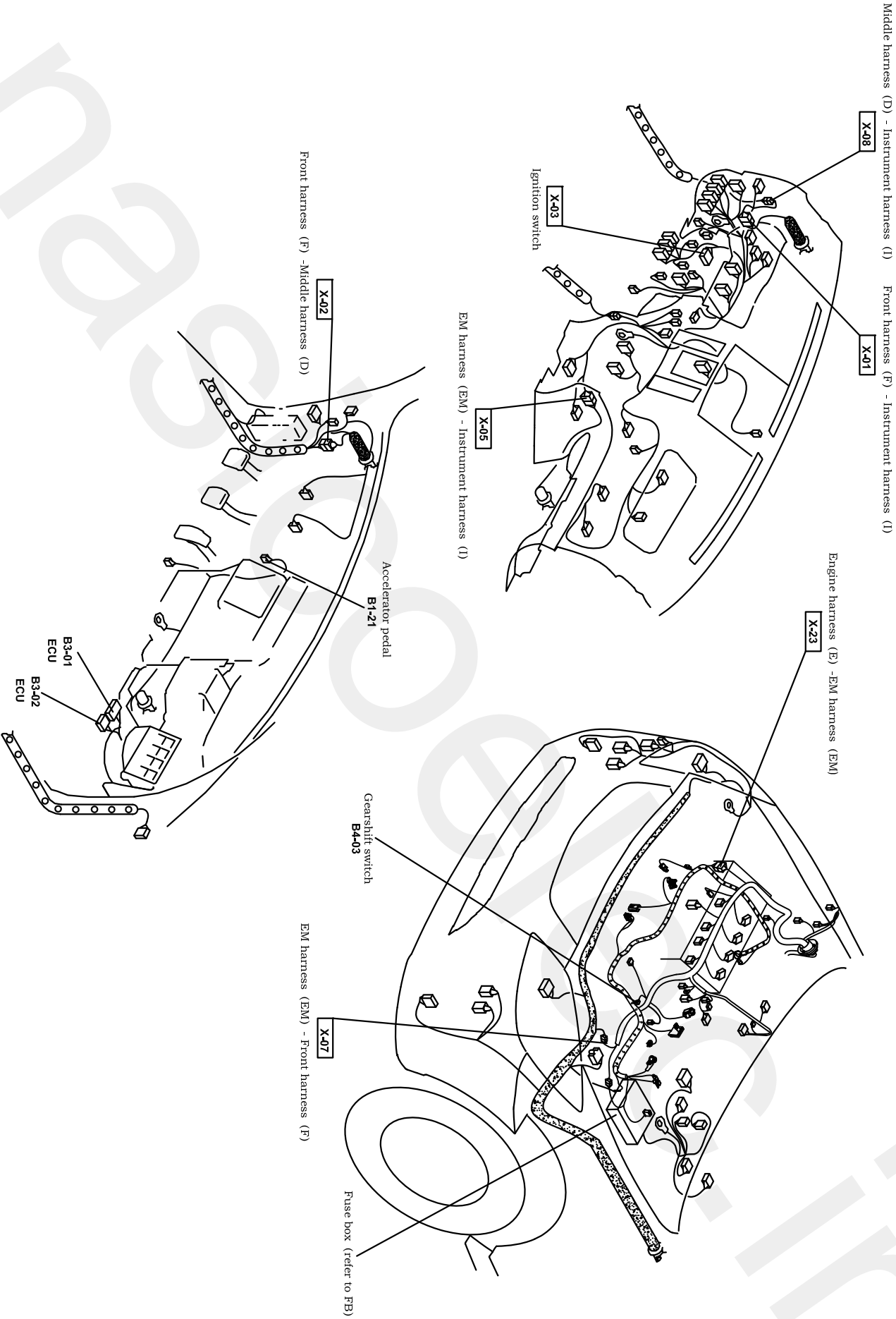
B4-01 TCU(EM)

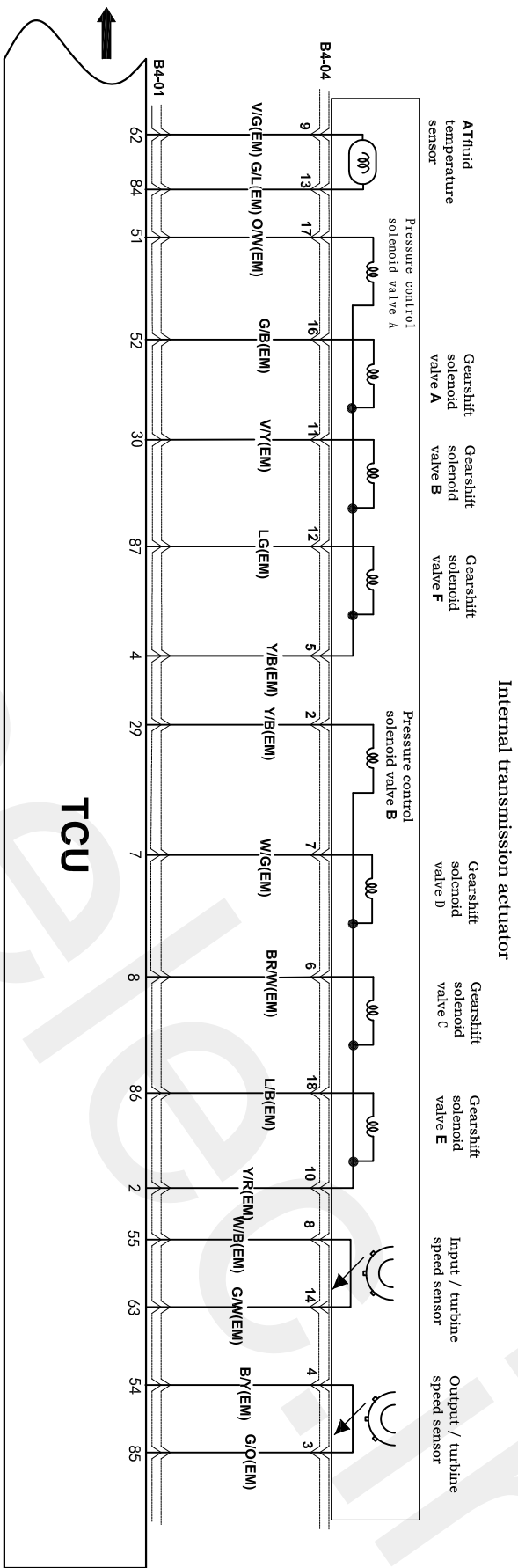


B4-03 Gearshift switch (EM)

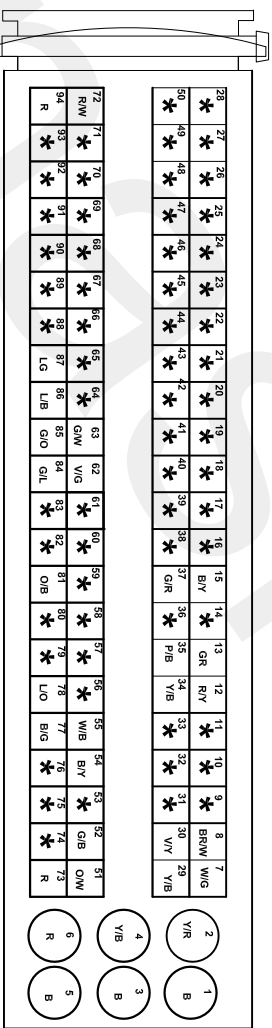


Harness mark:  (F)  (E)  (D)  (R)

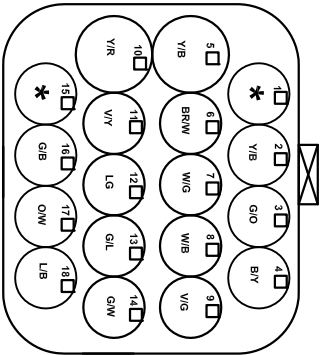




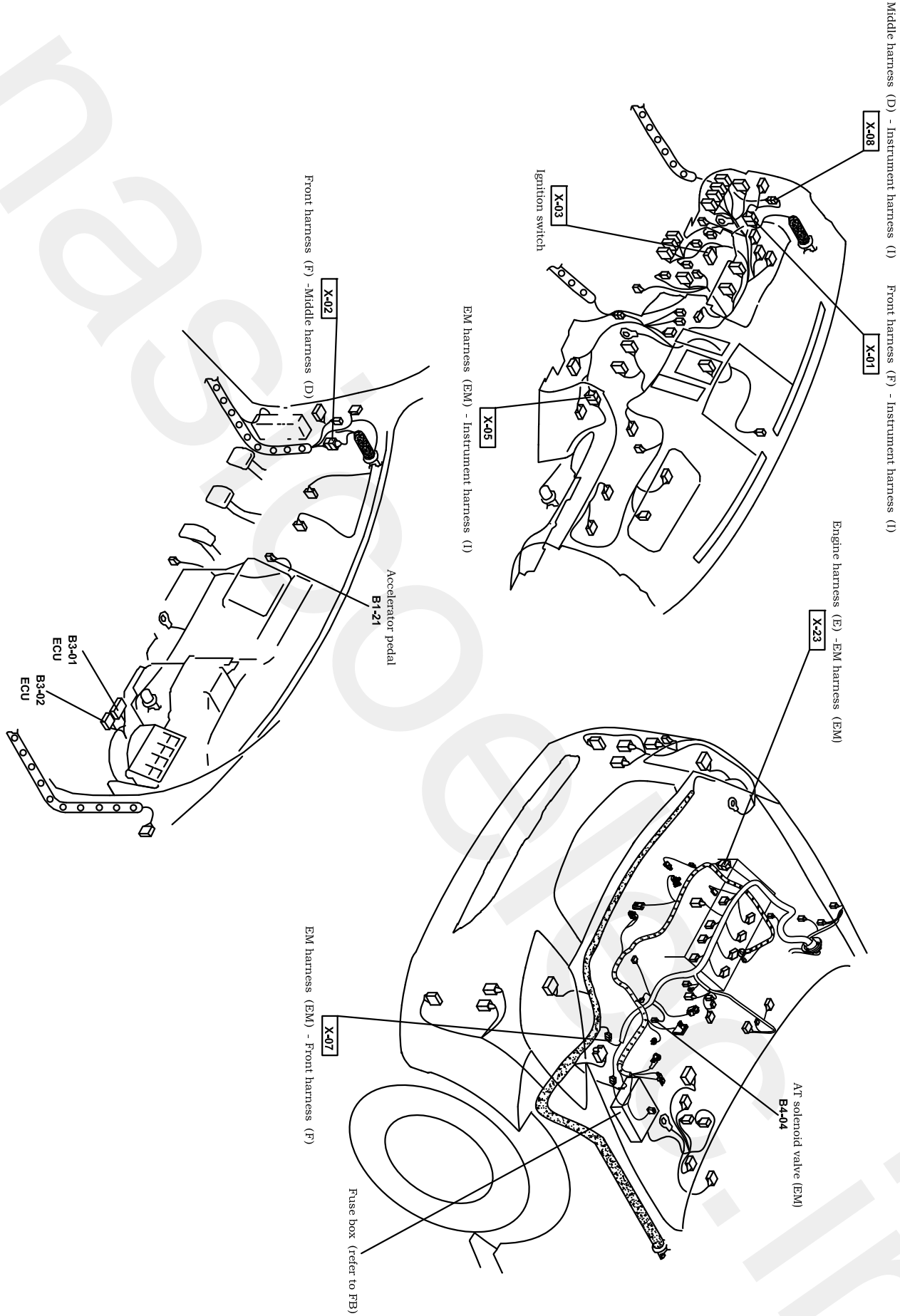
B4-01 TCU(EM)



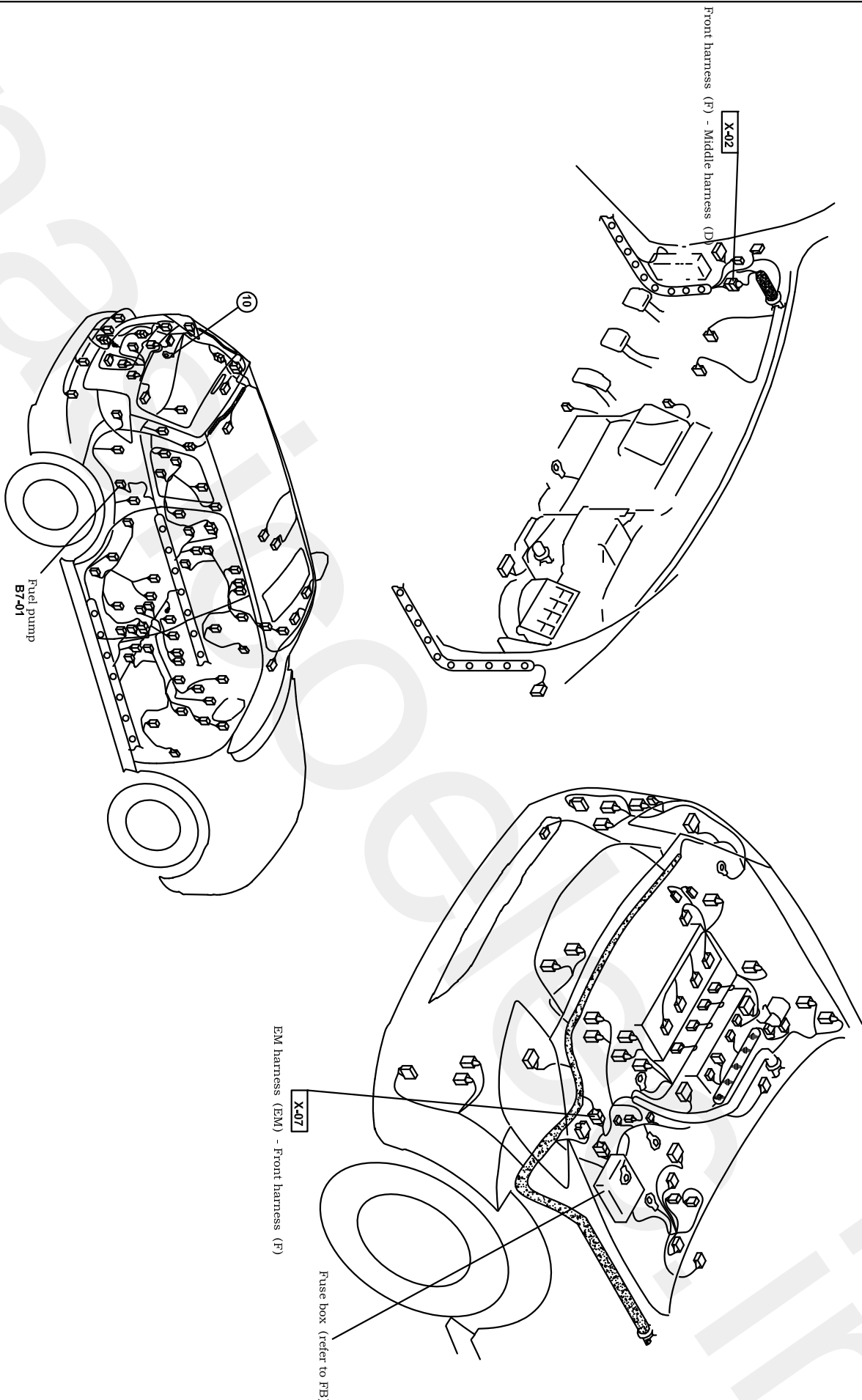
B4-04 AT solenoid valve (EM)



Harness mark:  (F)  (E)  (D)  (R)

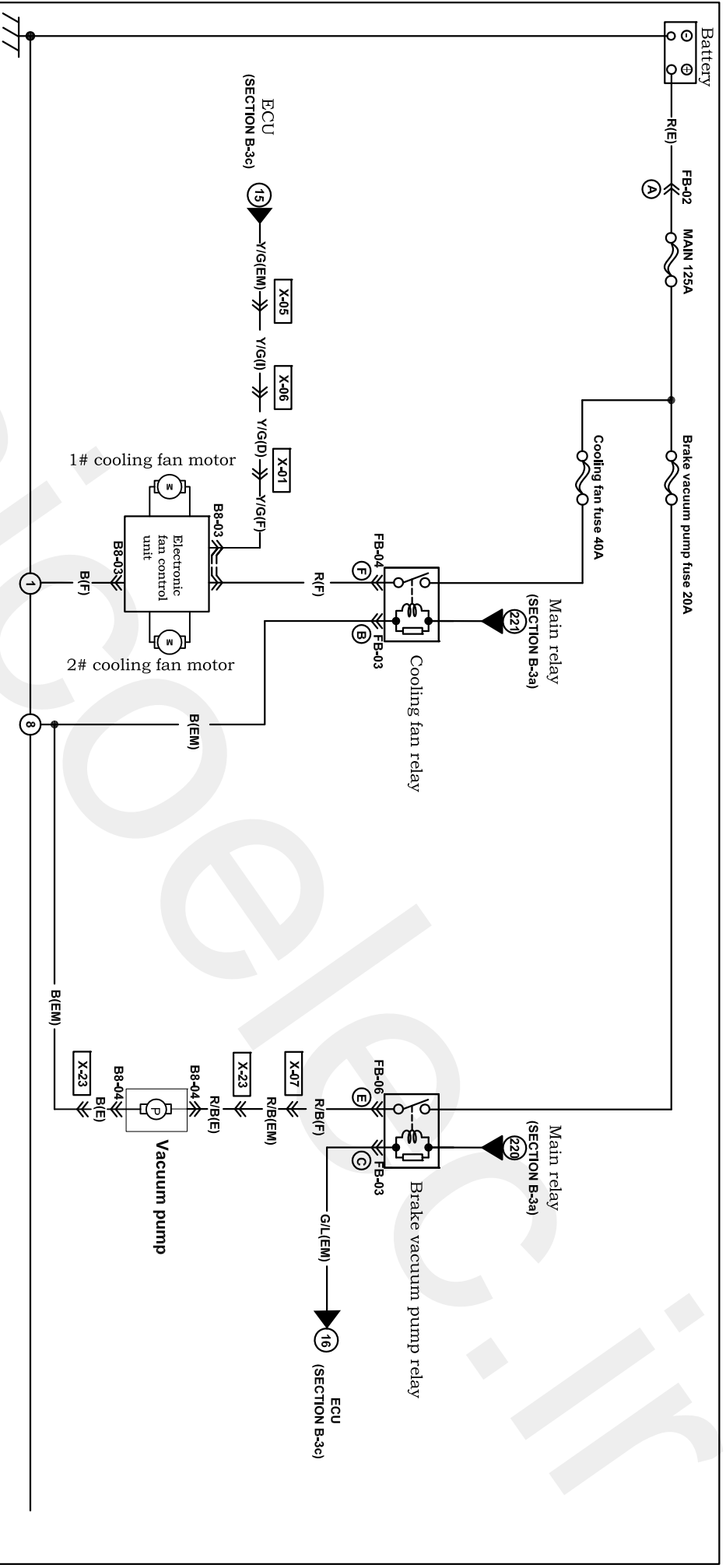


Harness mark:  (F)  (E)  (D)  (R)

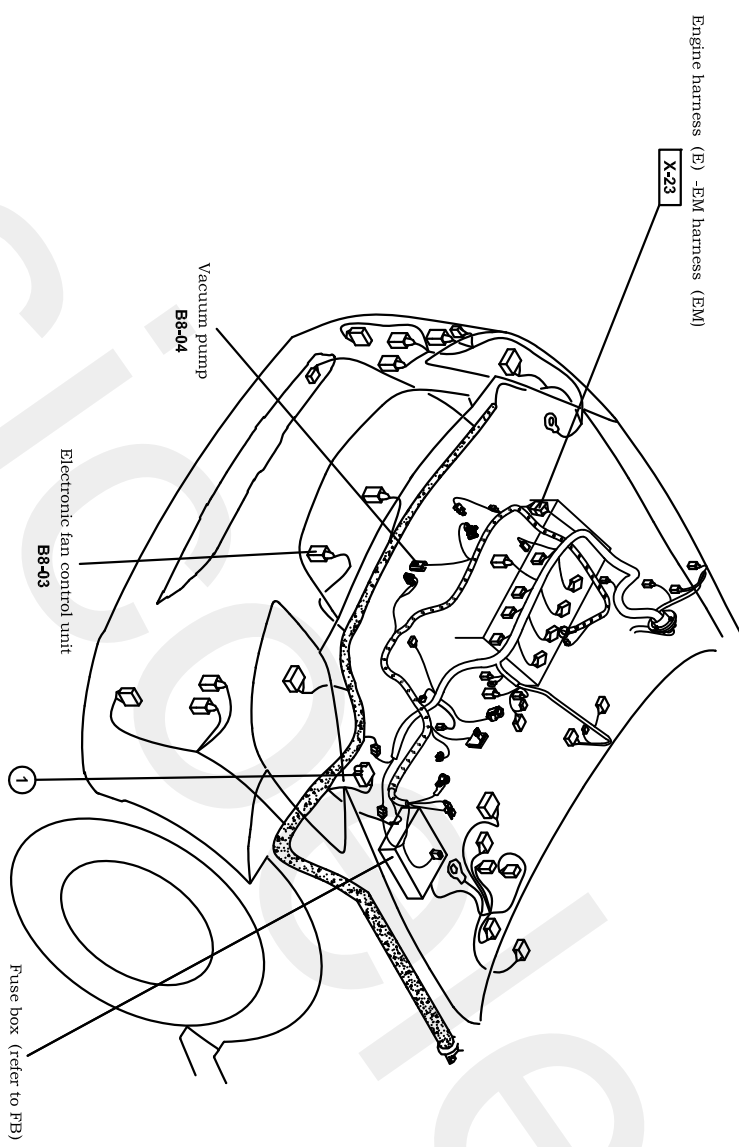


Fan control system / Vacuum pump (1.8T)

B-8a

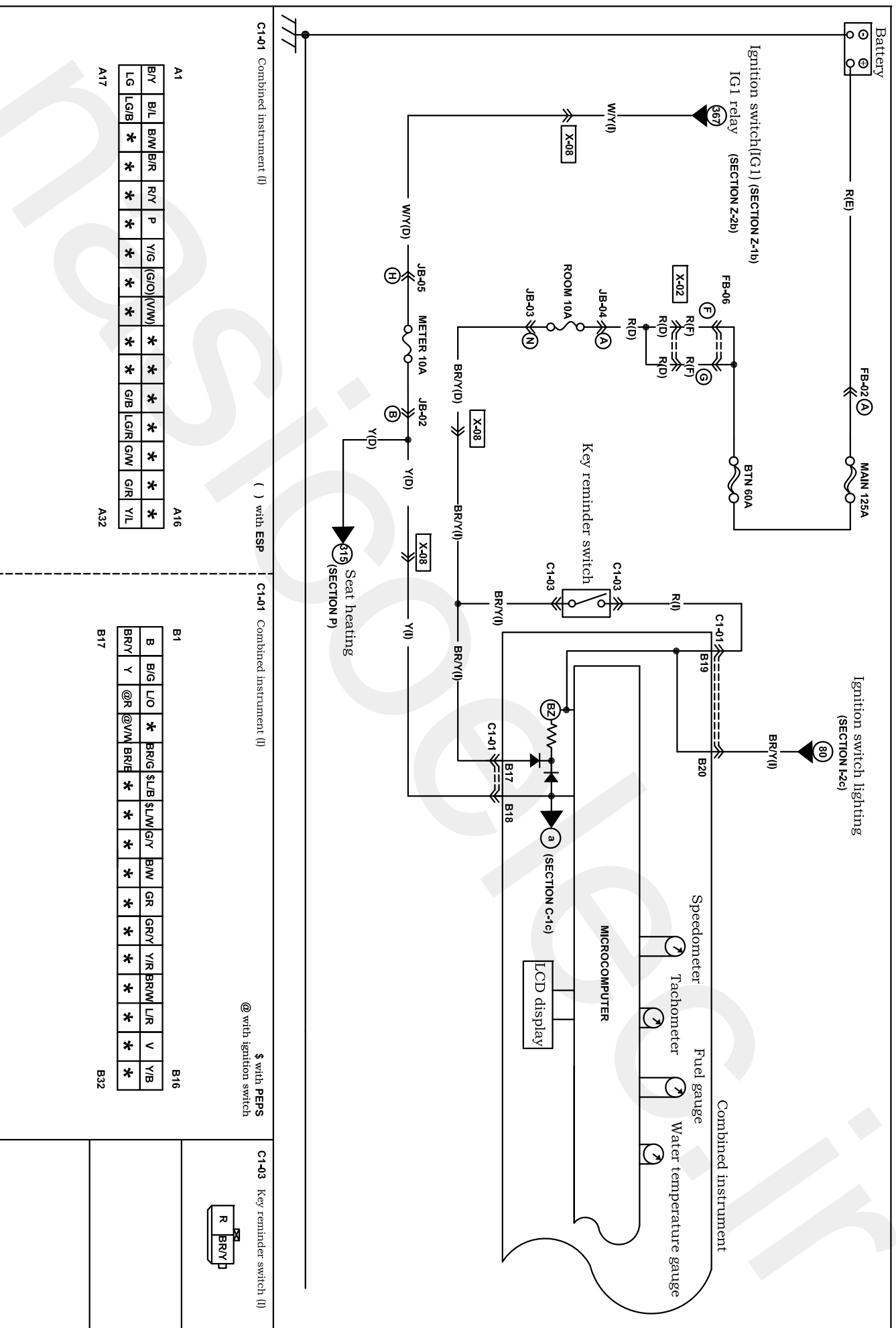


Harness mark:  (F)  (E)  (D)  (R)

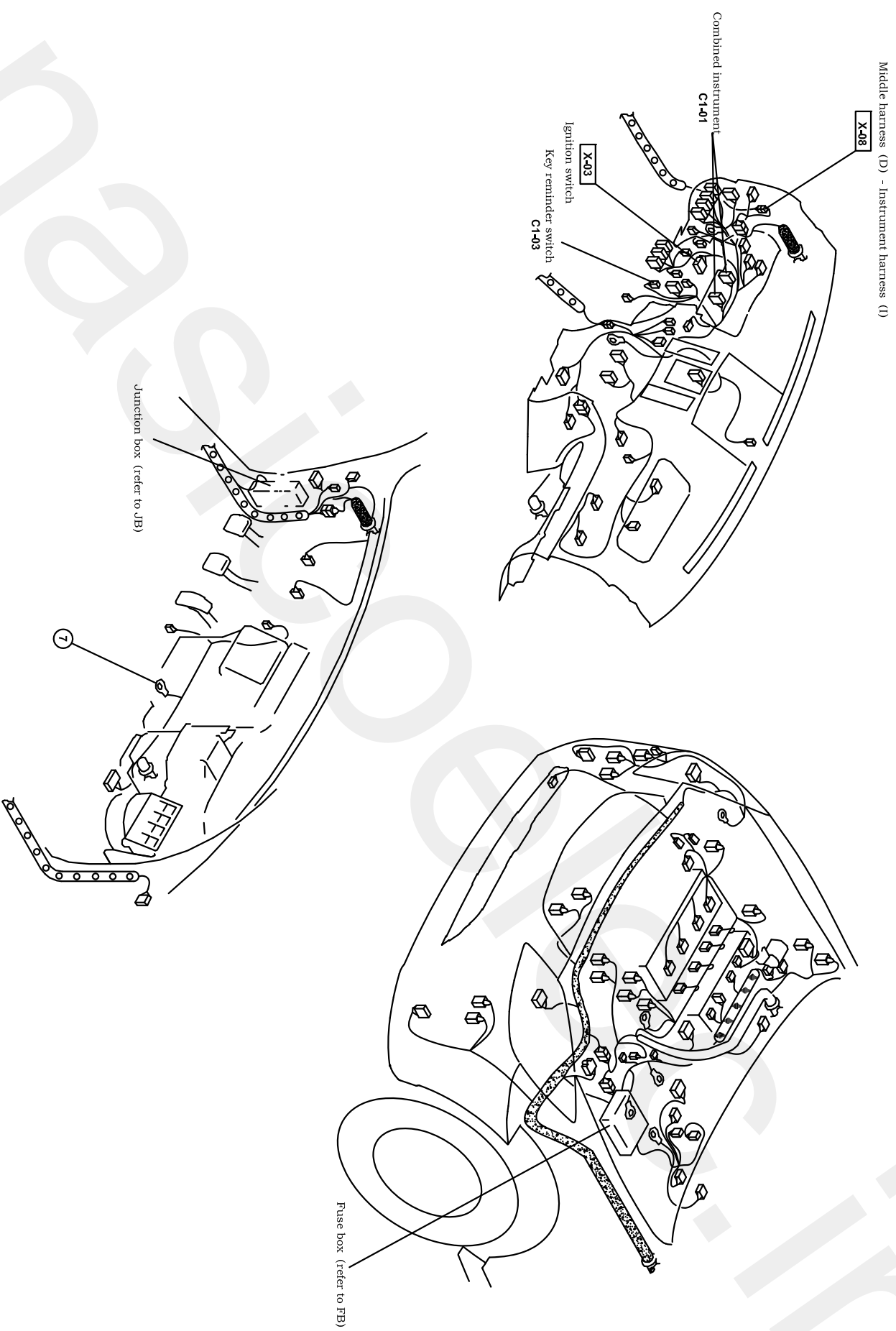


Combined instrument (1.8T)

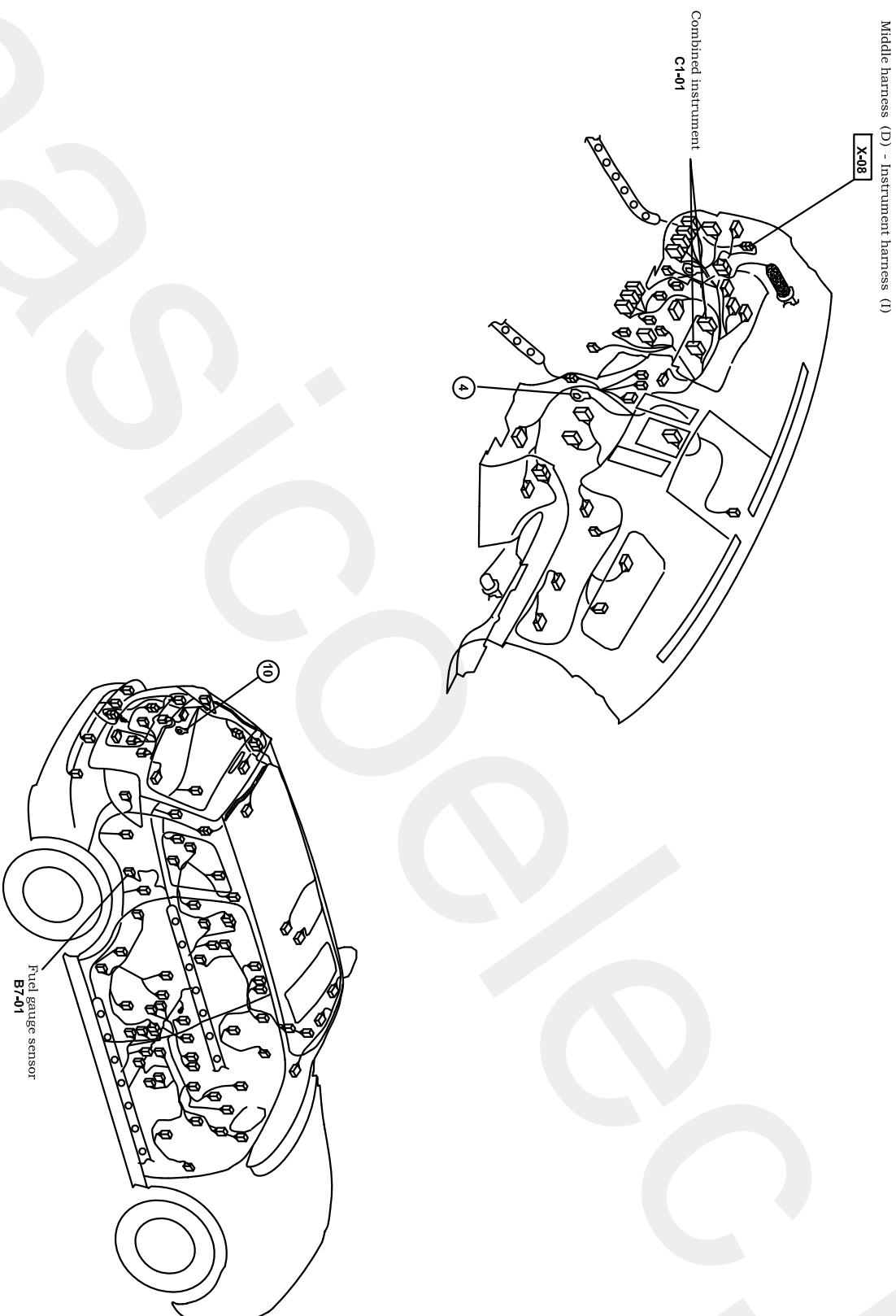
C-1a



Harness mark:  (F)  (E)  (D)  (R)



Harness mark:  (F)  (E)  (D)  (R)



C-10

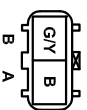


() with ESP

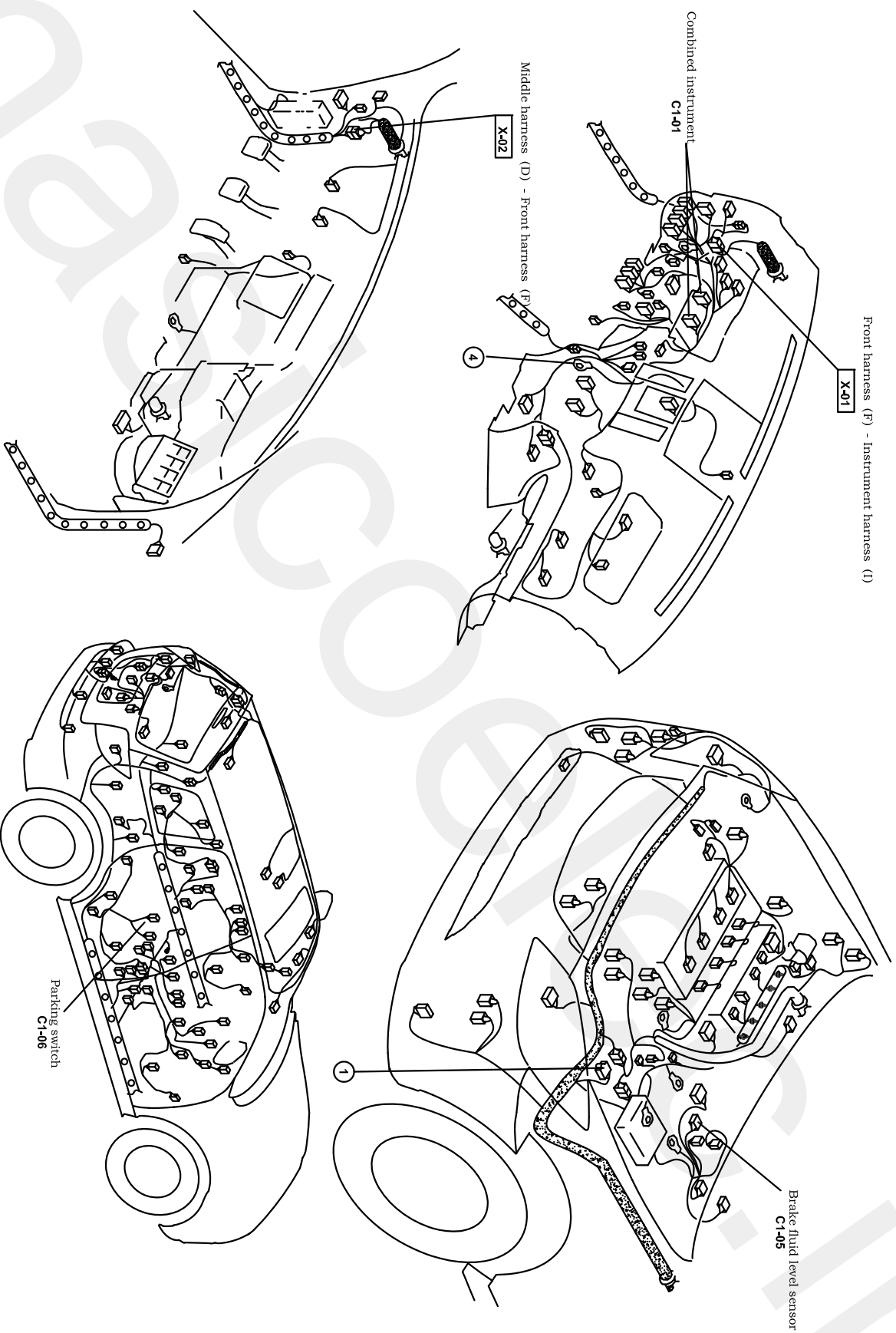
C1-01 Combined instrument (I)

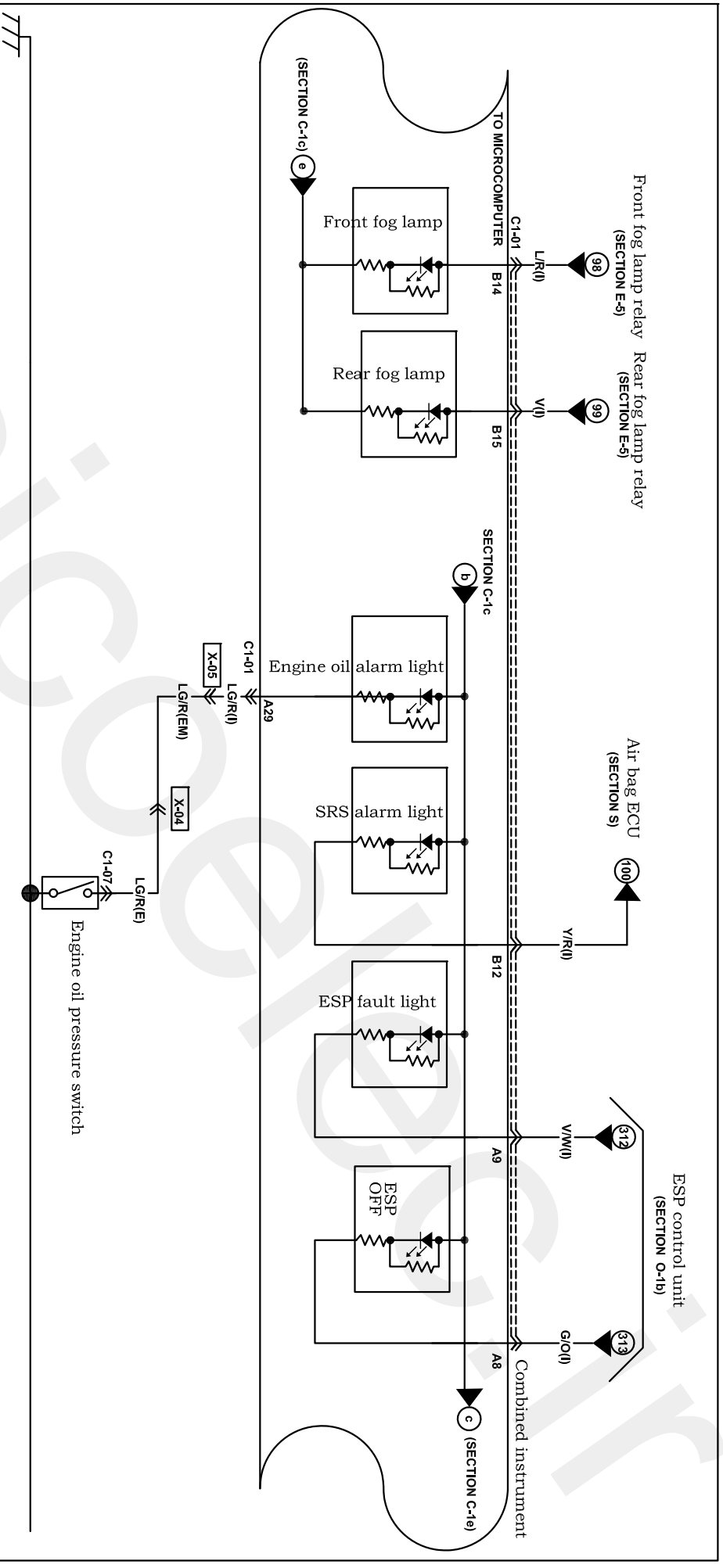
\$ with PEPS
@ with ignition switch

C1-05 Brake fluid level sensor (F)



C1-06 Parking switch (D)

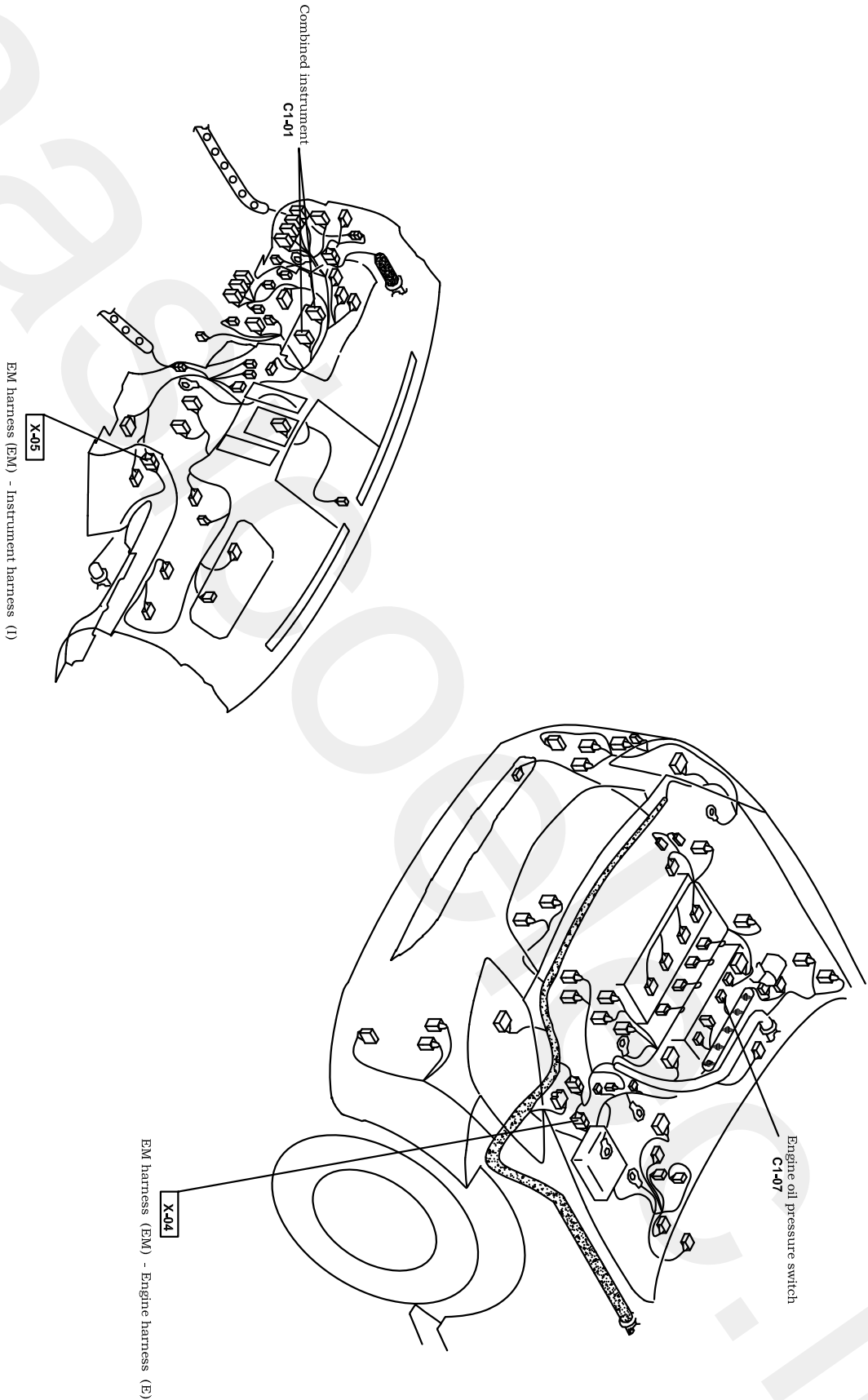


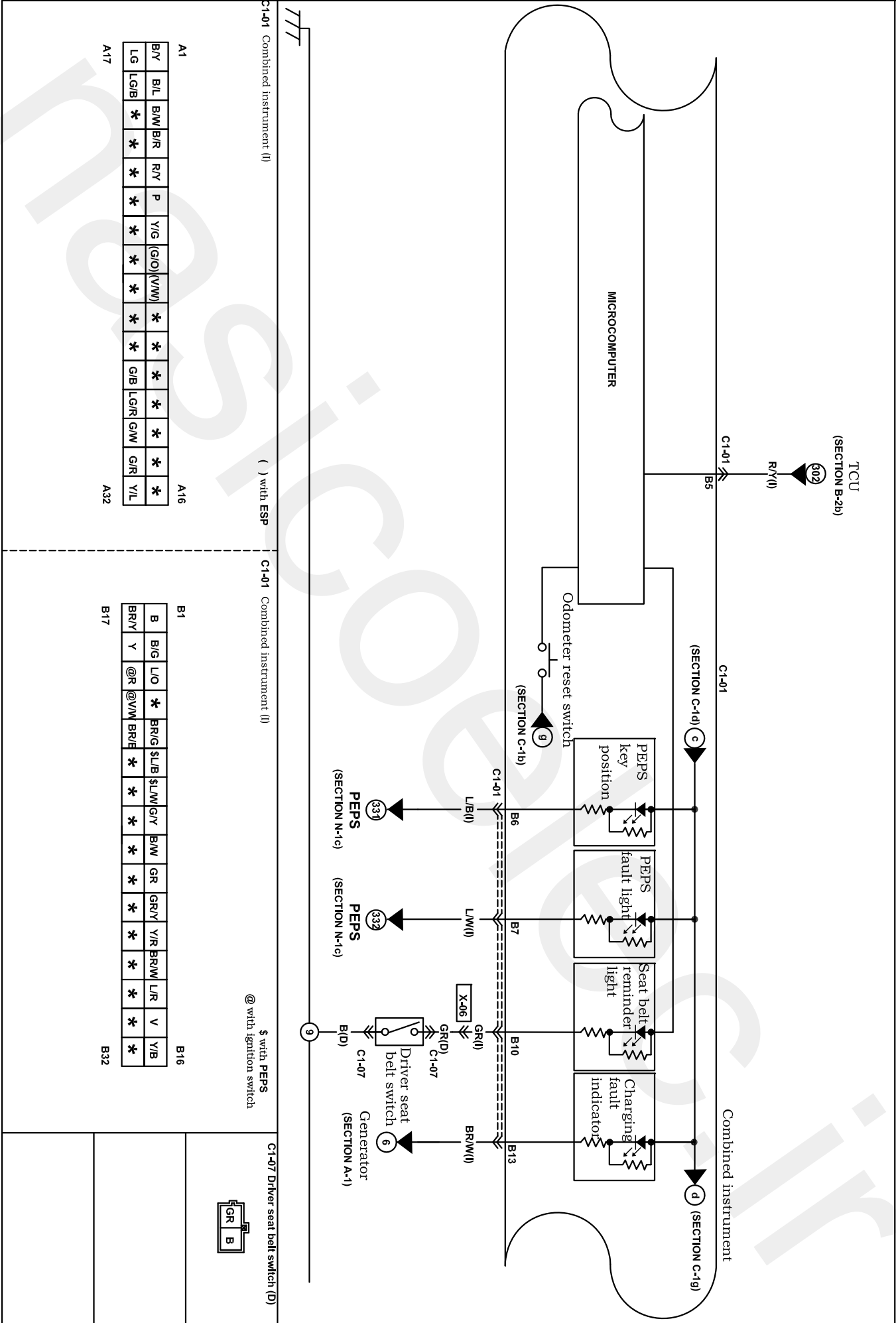


A1	A16
B/Y	B/L
B/W	B/R
R/Y	P
Y/G	G/O
(V/W)	*
*	*
*	*
G/B	L/G
G/W	G/R
Y/L	

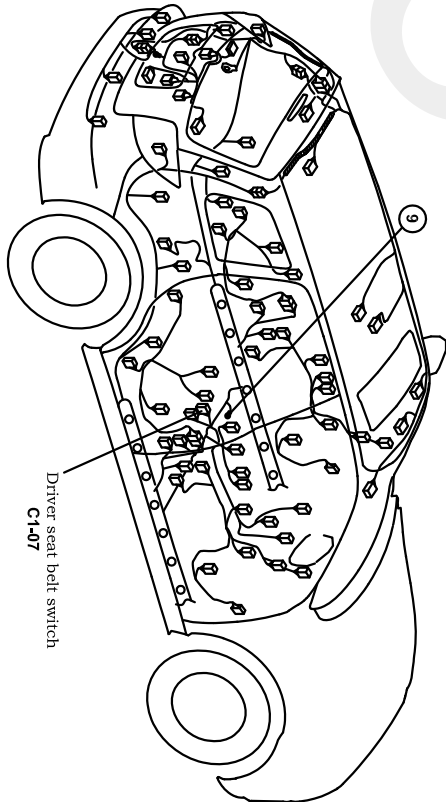
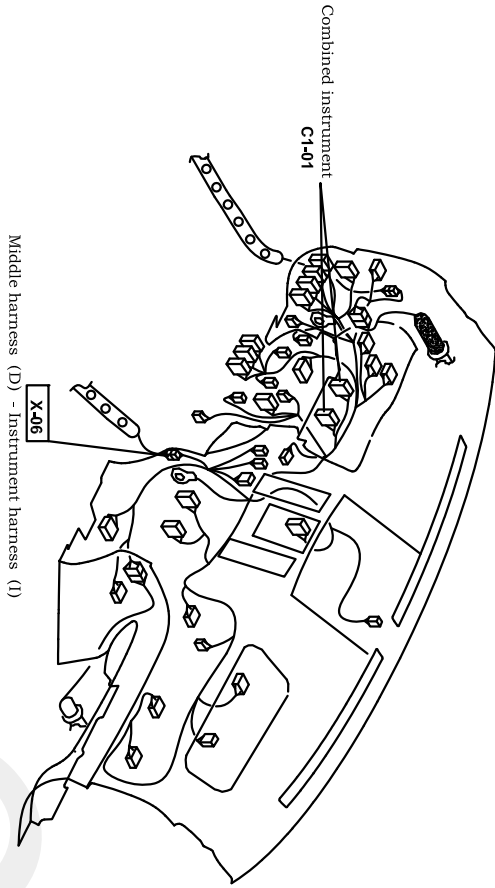
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Harness mark:  (F)  (E)  (D)  (R)

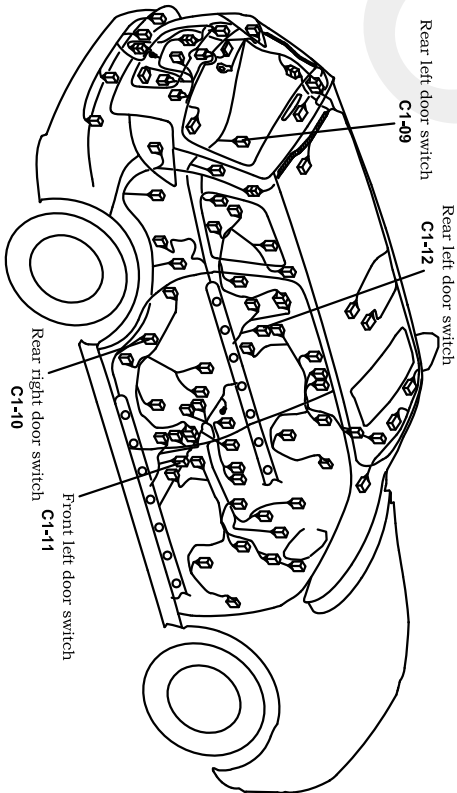
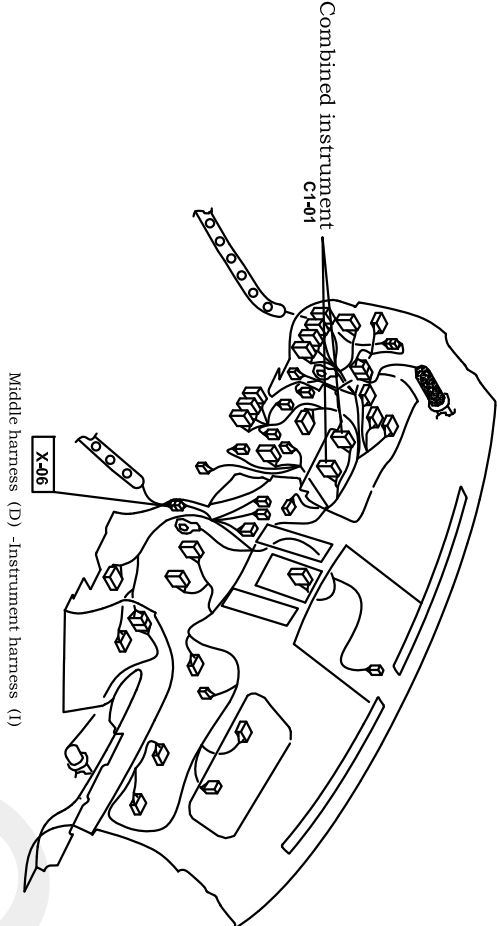


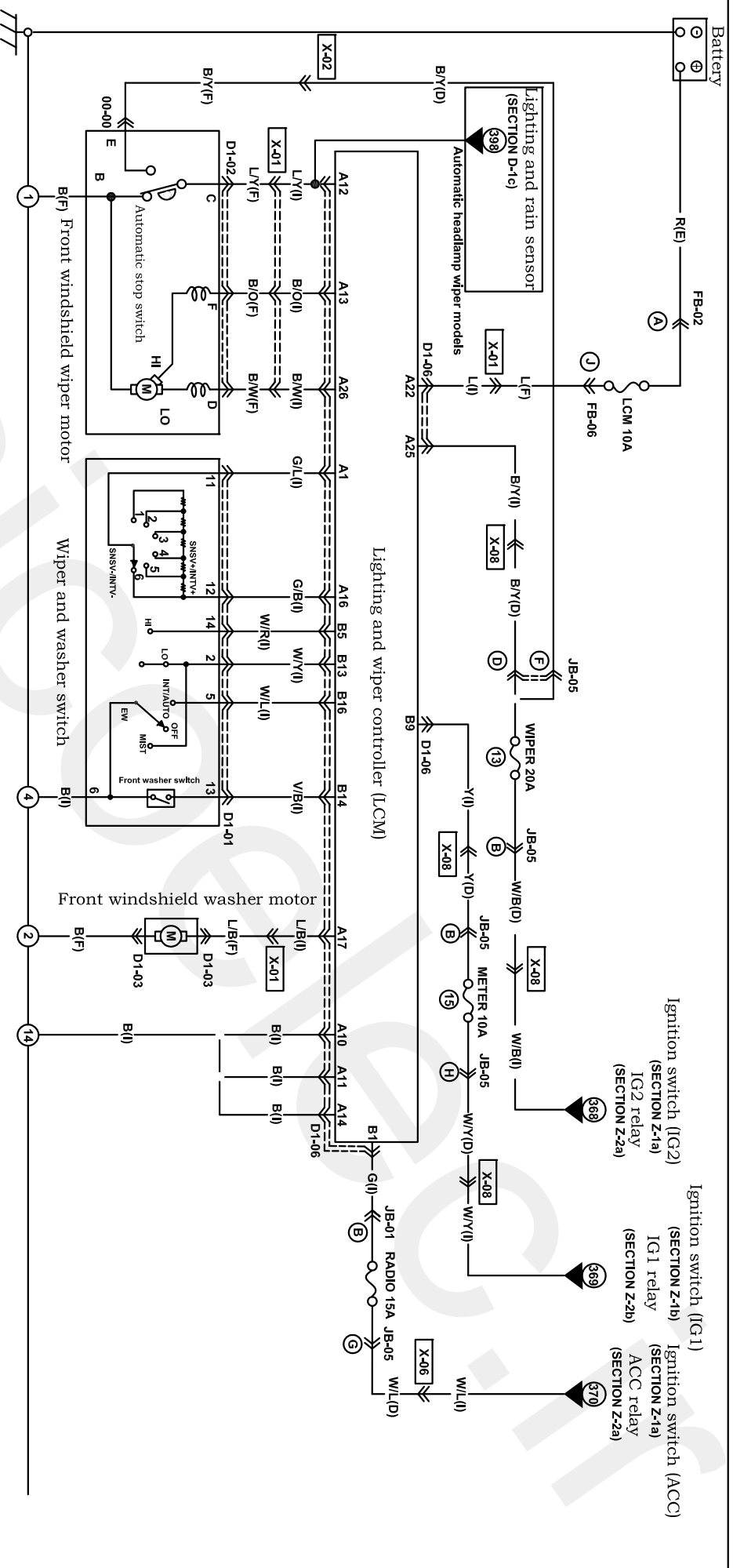


Harness mark:  (F)  (E)  (D)  (R)



Harness mark:  (F)  (E)  (D)  (R)





D1-01 Wiper and washer switch (I)

D1-02 Front windshield wiper motor (F)

D1-03 Front windshield washer motor (F)

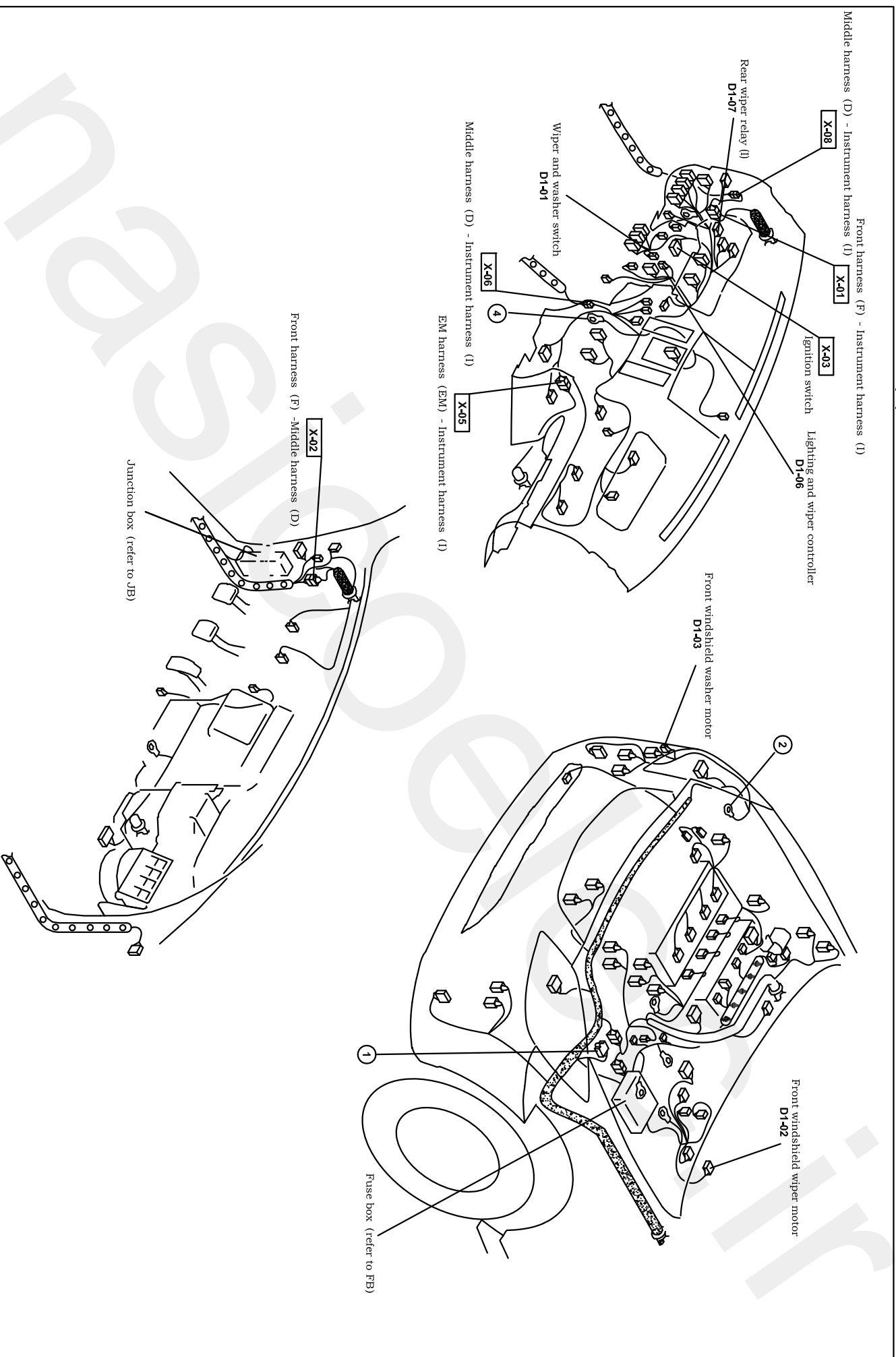
D1-06 Lighting and wiper controller (I)

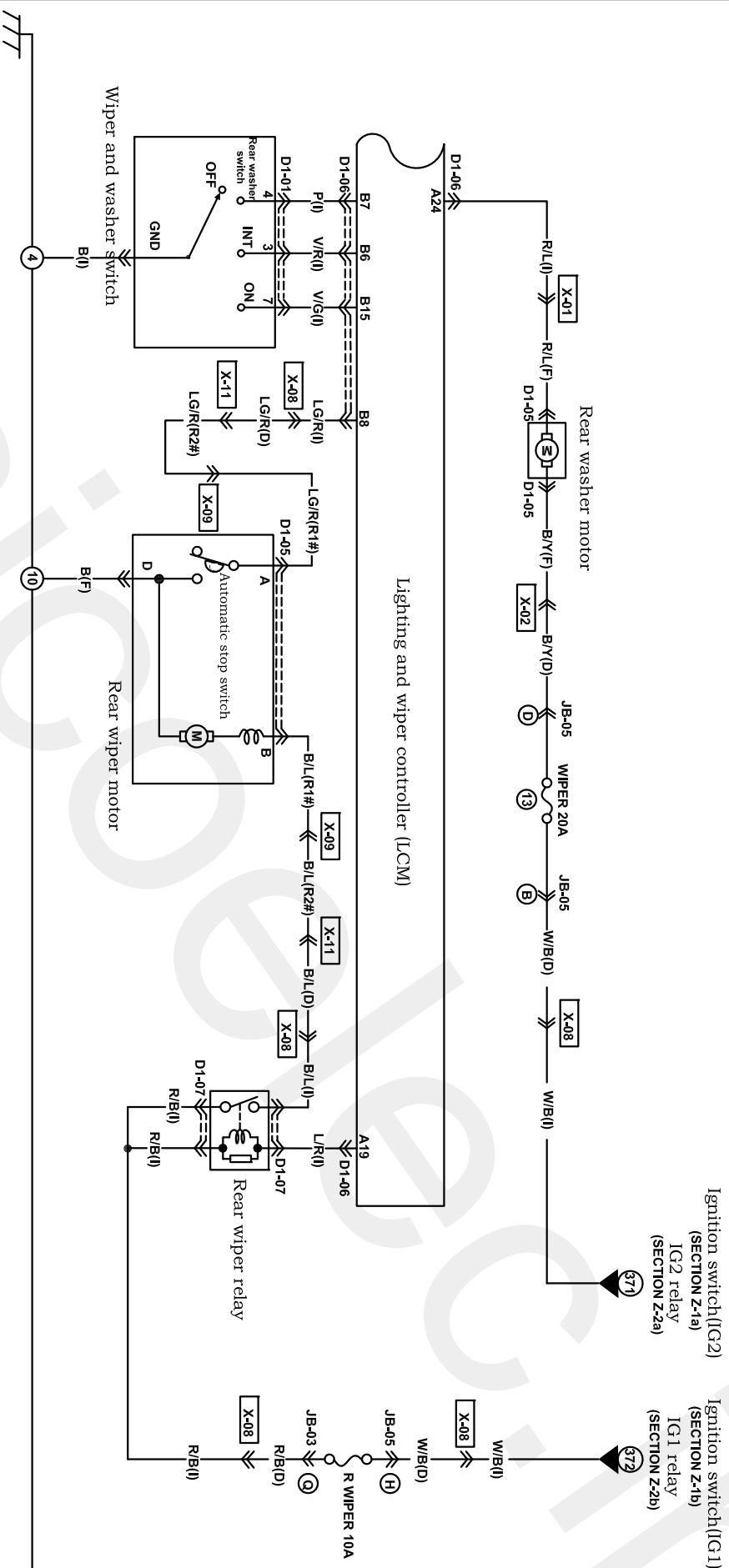
Automatic headlamp wiper models

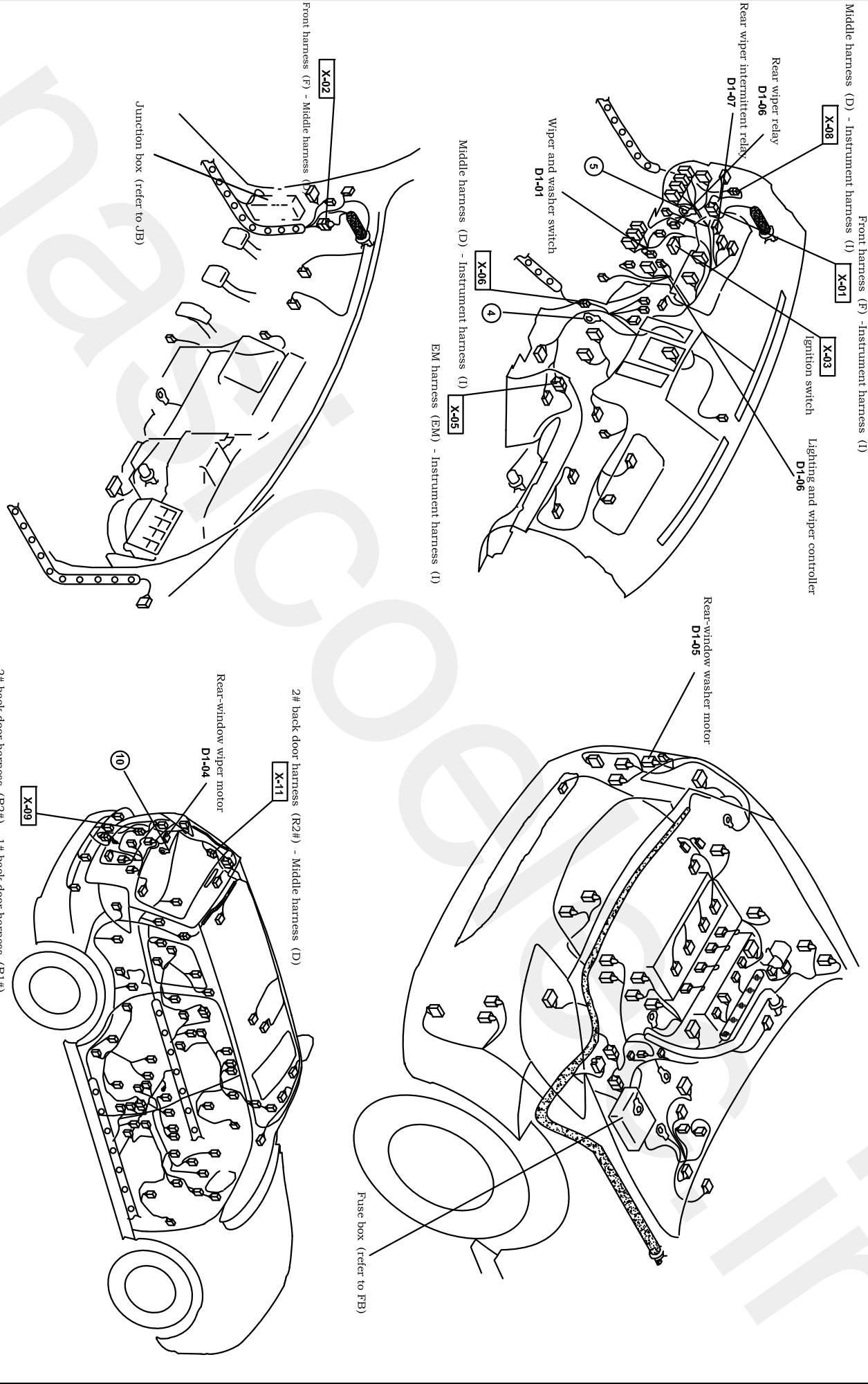
D1-06 Lighting and wiper controller (I)

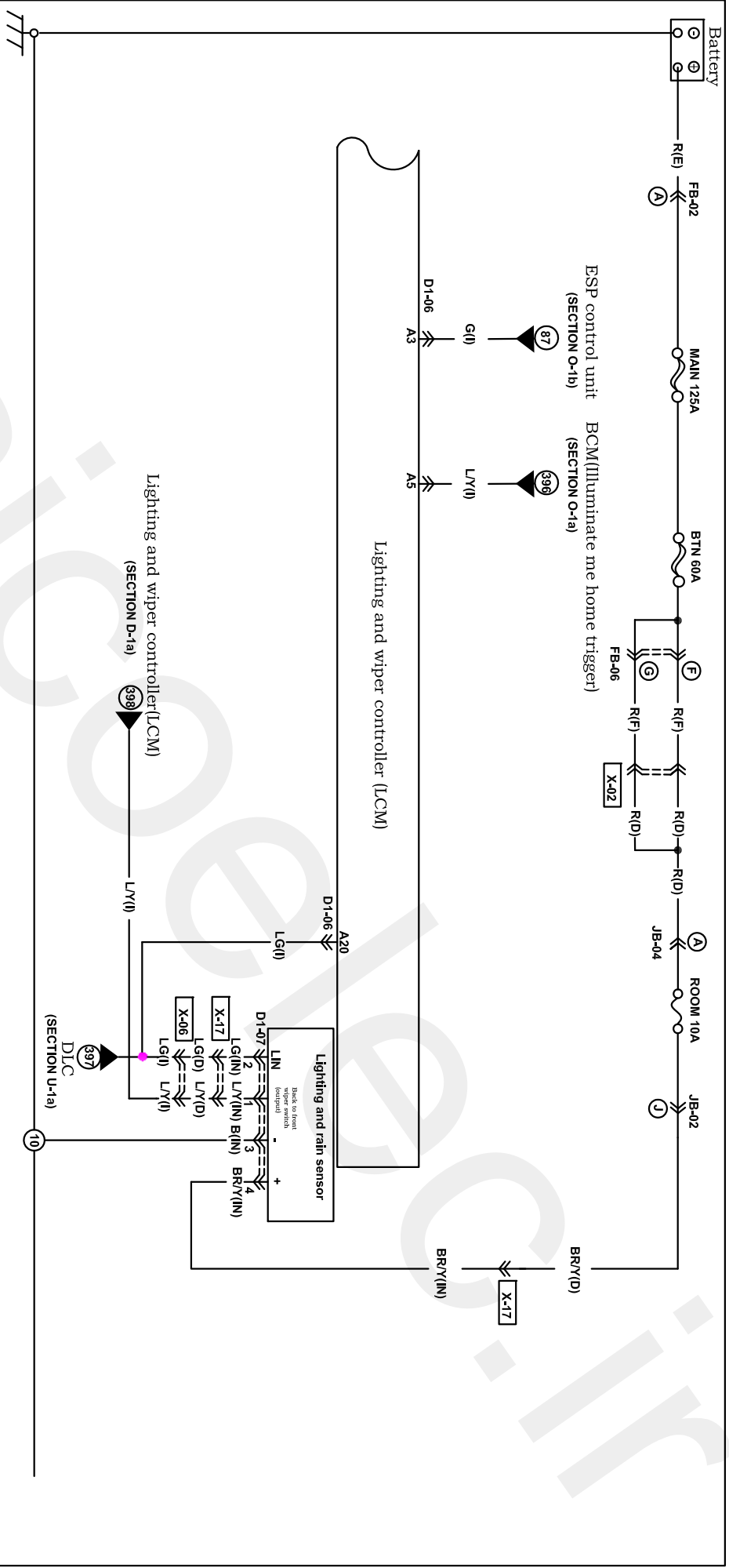
A13	B/O	L/Y	B	B	L/O	V/G	L/G	P/L	\$L/Y	BR	\$G	G/O	G/L	A1
A26	B/W	B/Y	R/L	V	L	GR	SLG	L/R	L	G/R	L/B	G/B	G/W	B

B8	LG/R	P	V/R	WR	L/R	LY	L	G	B1
B16	W/L	V/G	V/B	W/Y	L/W	LG	L/B	Y	B9

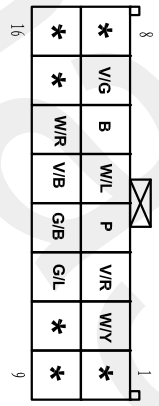




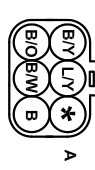




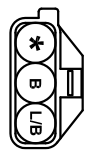
D1-01 Wiper and washer switch (I)



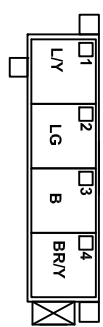
D1-02 Front windshield wiper motor (F)



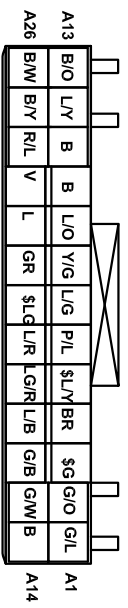
D1-03 Front windshield washer motor (F)



D1-07 Lighting and rain sensor (IN)

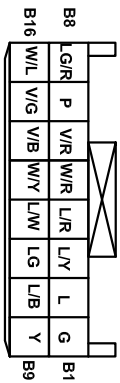


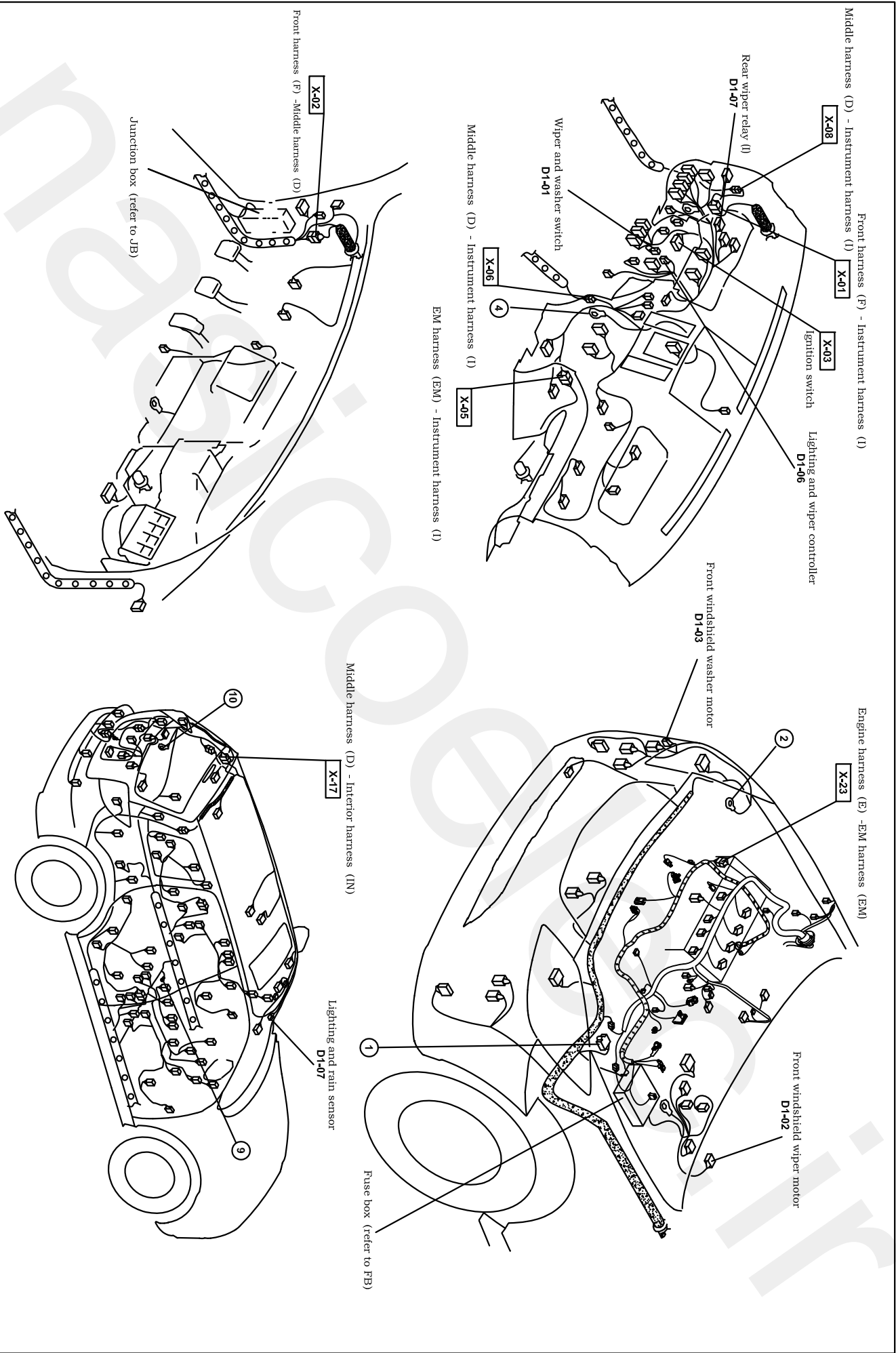
D1-06 Lighting and wiper controller (I)

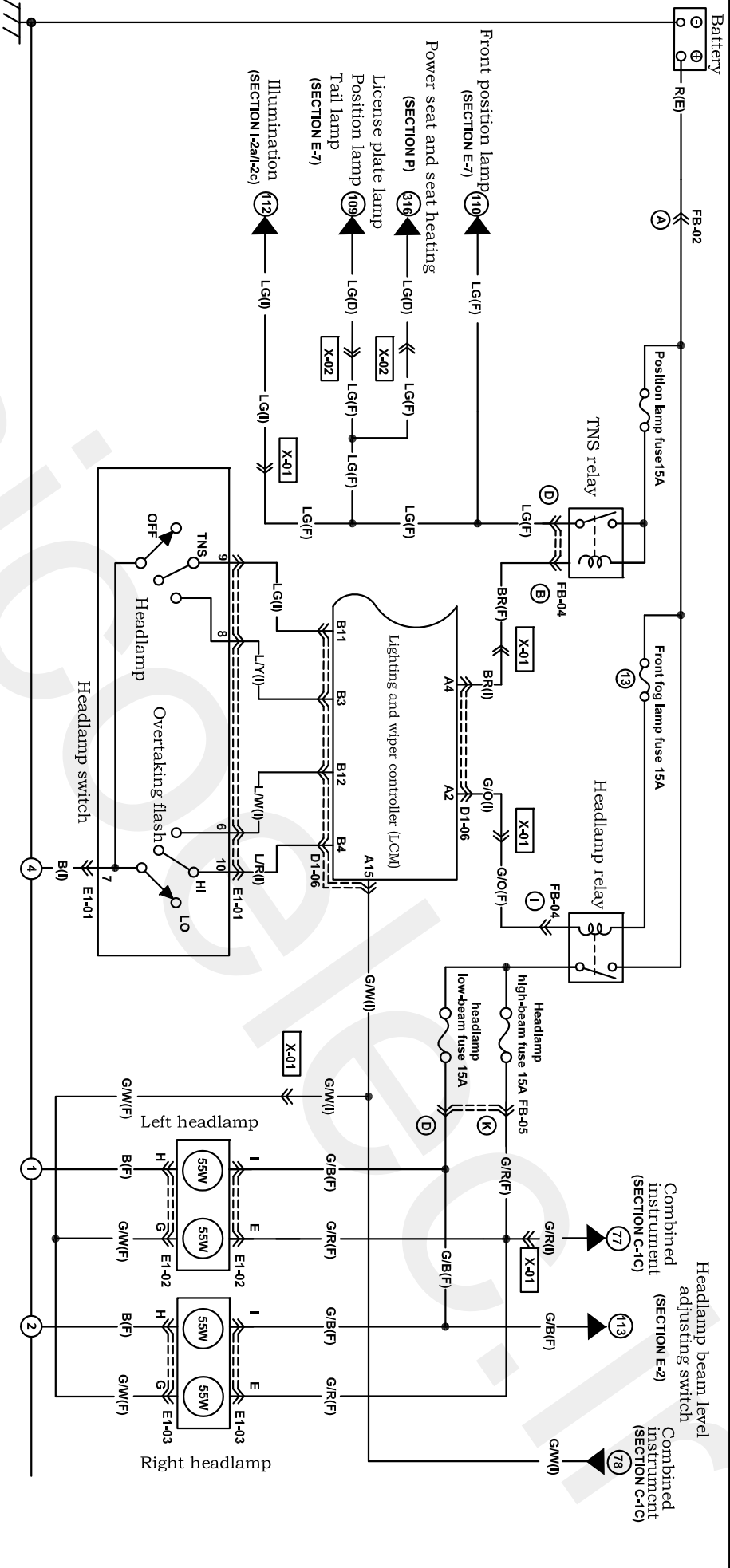


\$Automatic headlamp wiper models

D1-06 Lighting and wiper controller (I)





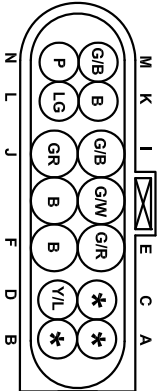
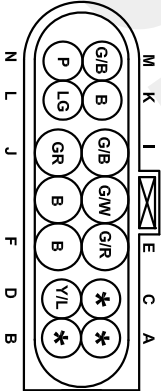


E1-01 Headlamp switch (I)

E1-02 Left headlamp (F)

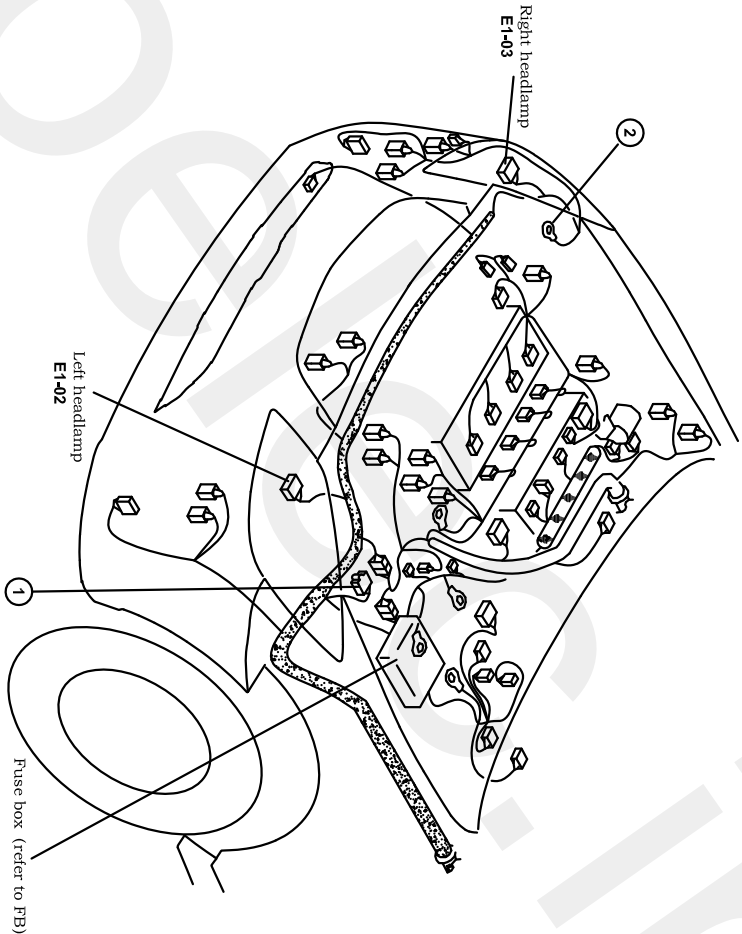
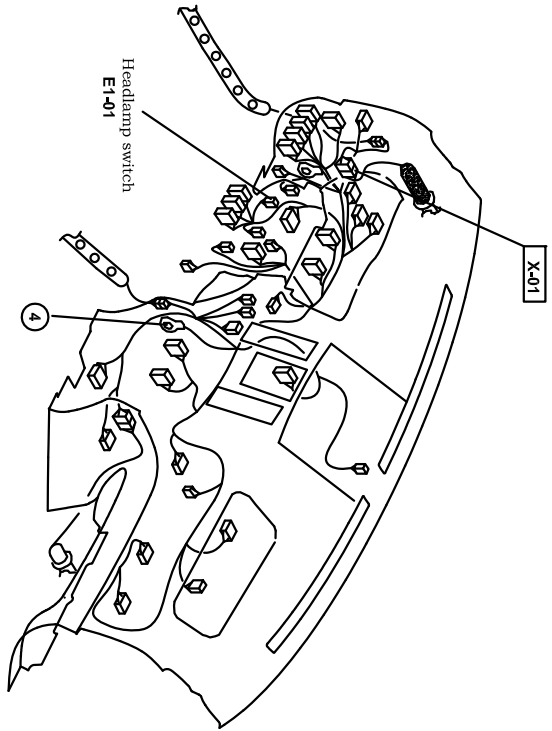
E1-03 Right headlamp (F)

6	LW	*	L/O	L/G	L/B	L	1
12	*	*	L/R	L/G	L/Y	B	7

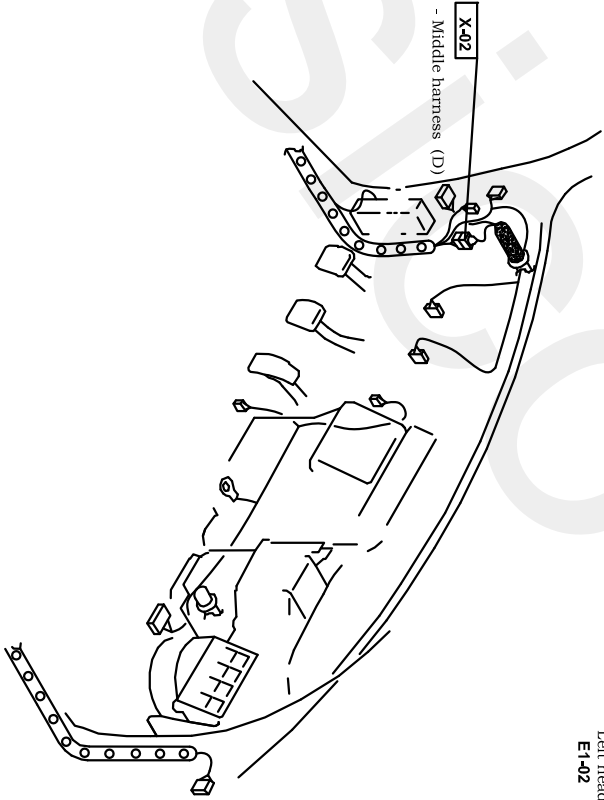


Harness mark:  (F)  (E)  (D)  (R)

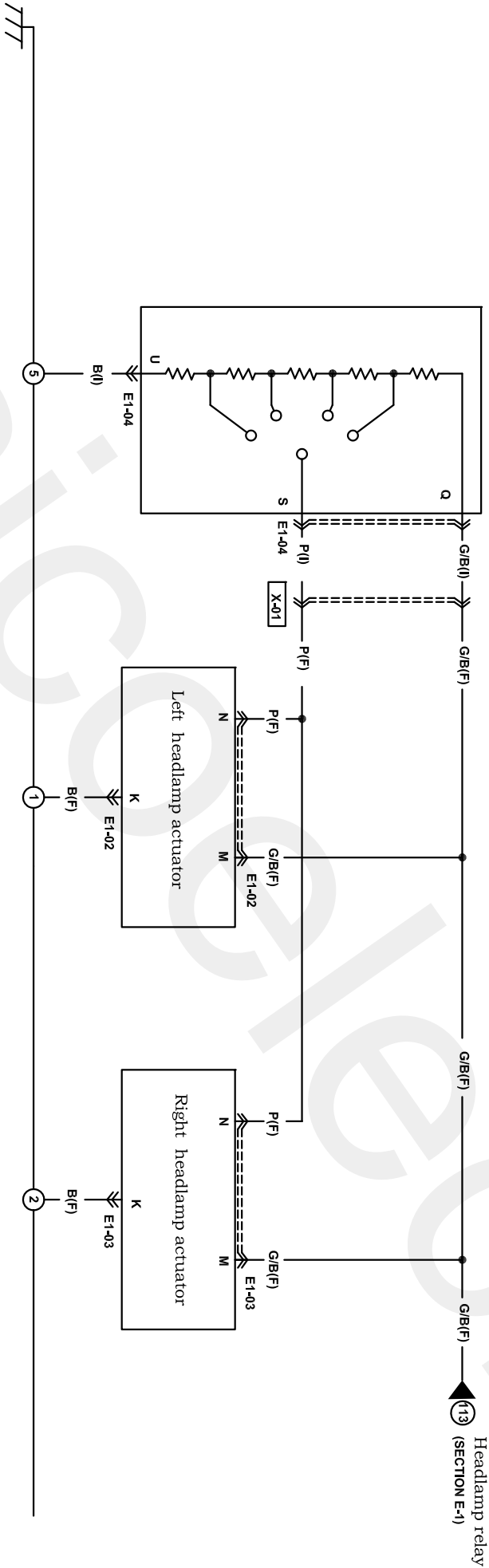
Front harness (F) - Instrument harness (I)



Front harness (F) - Middle harness (D)



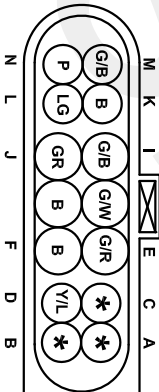
Headlamp beam level adjusting switch



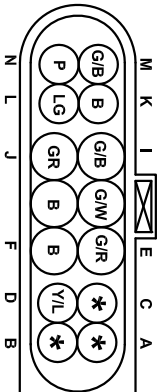
E1-01 Headlamp switch (D)

6	L/W	*	L/O	L/G	L/B	L	1
12	*	*	L/R	LG	L/Y	B	7

E1-02 Left headlamp (F)

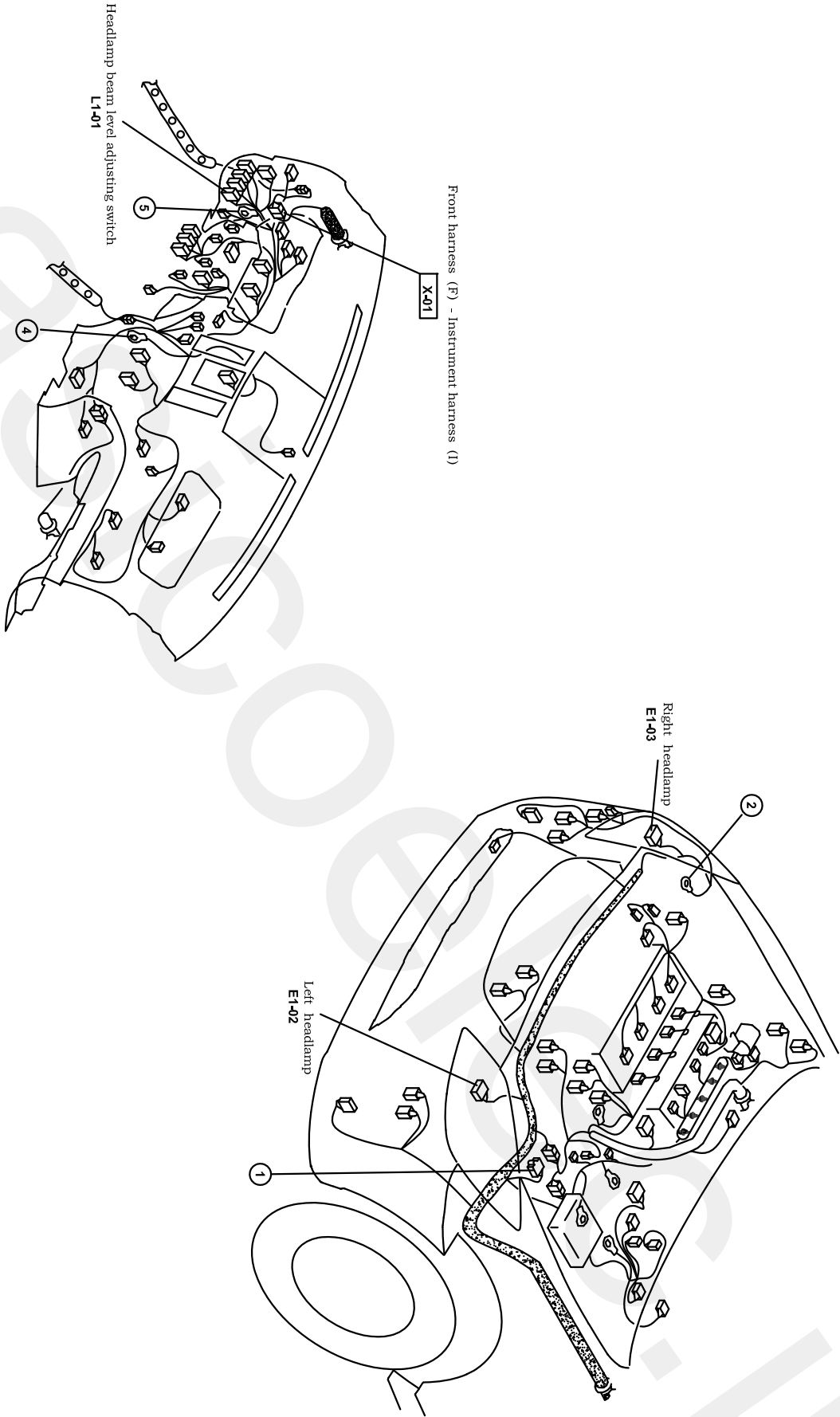


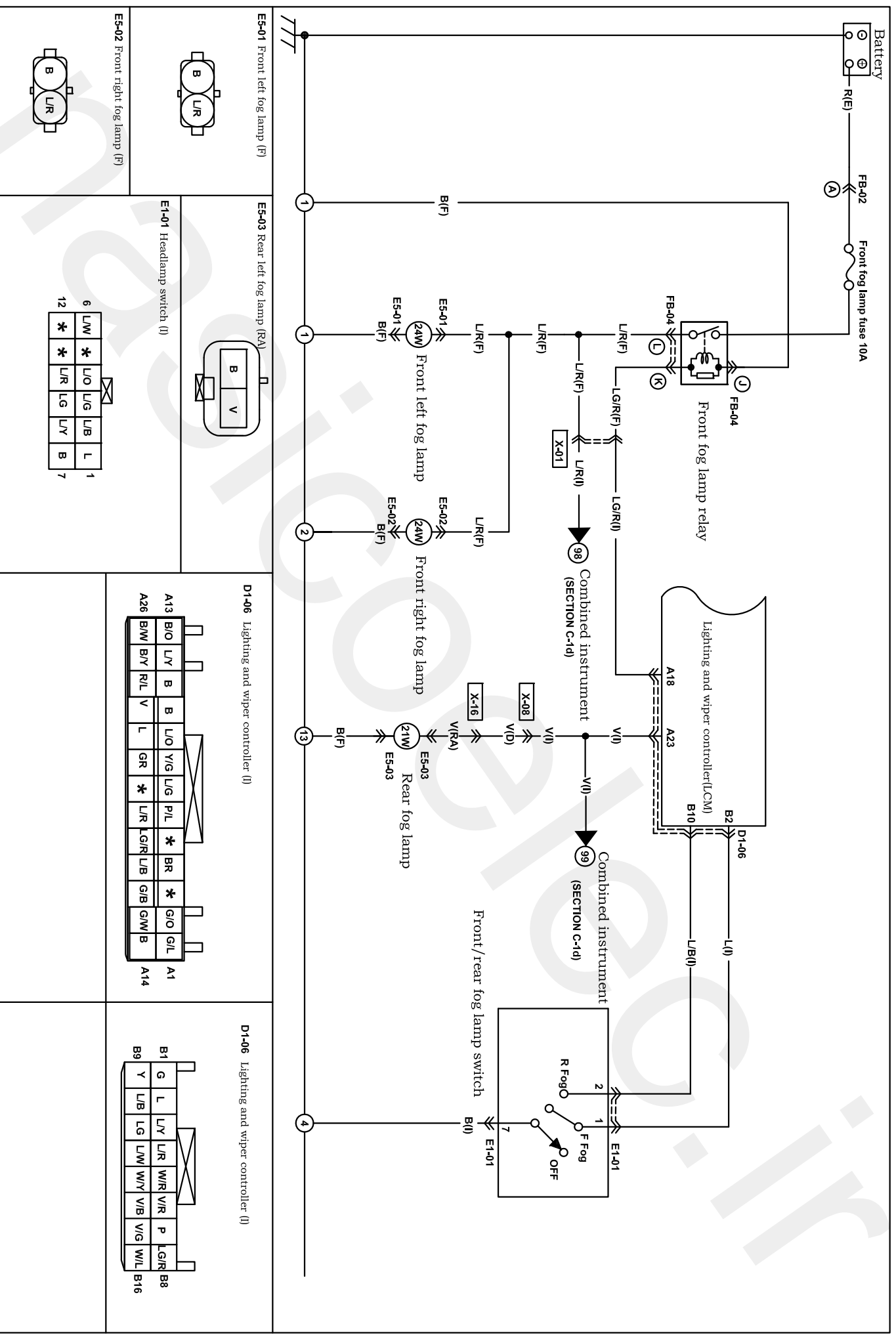
E1-03 Right headlamp (F)



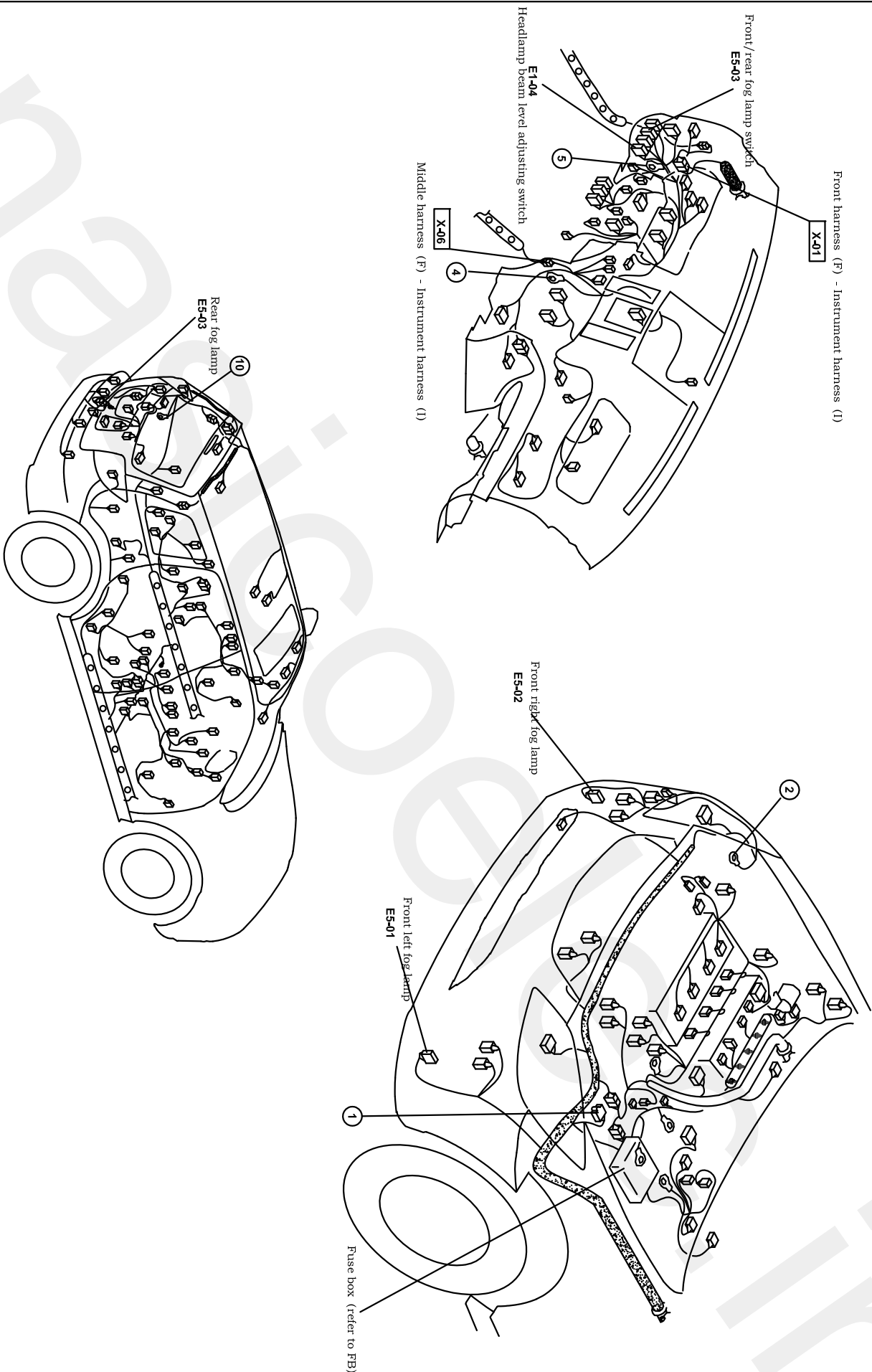
L1-01 Headlamp beam level adjusting switch (I)

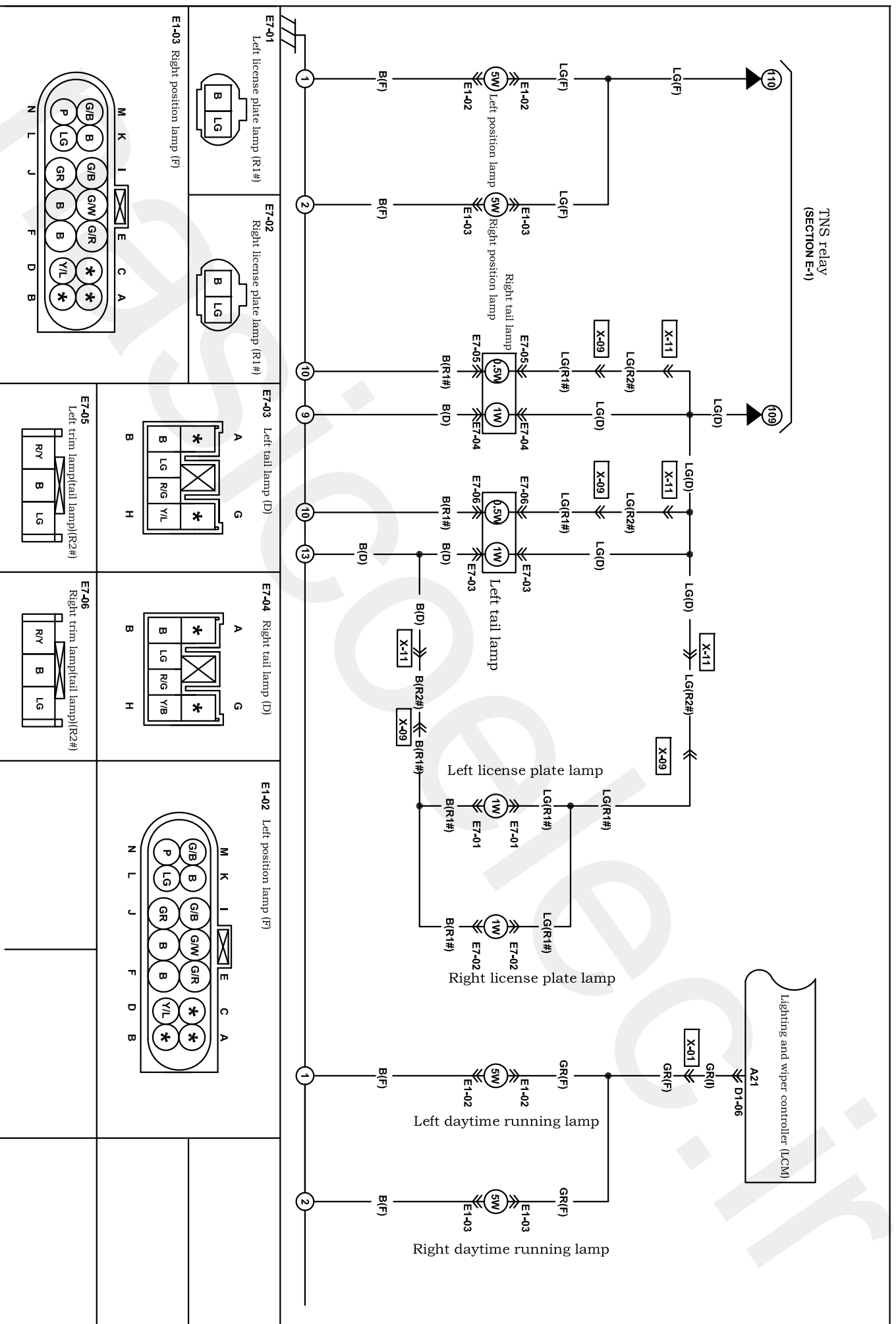
S	Q	O	M	K	I	G	E	C	A
R/B	LG	LGB/LW	L	L/O	L/B	V	R/G	R/Y	B
B	P	G/B	LP/L	W	*	*	*	*	B
T	R	P	N	L	J	H	F	D	B



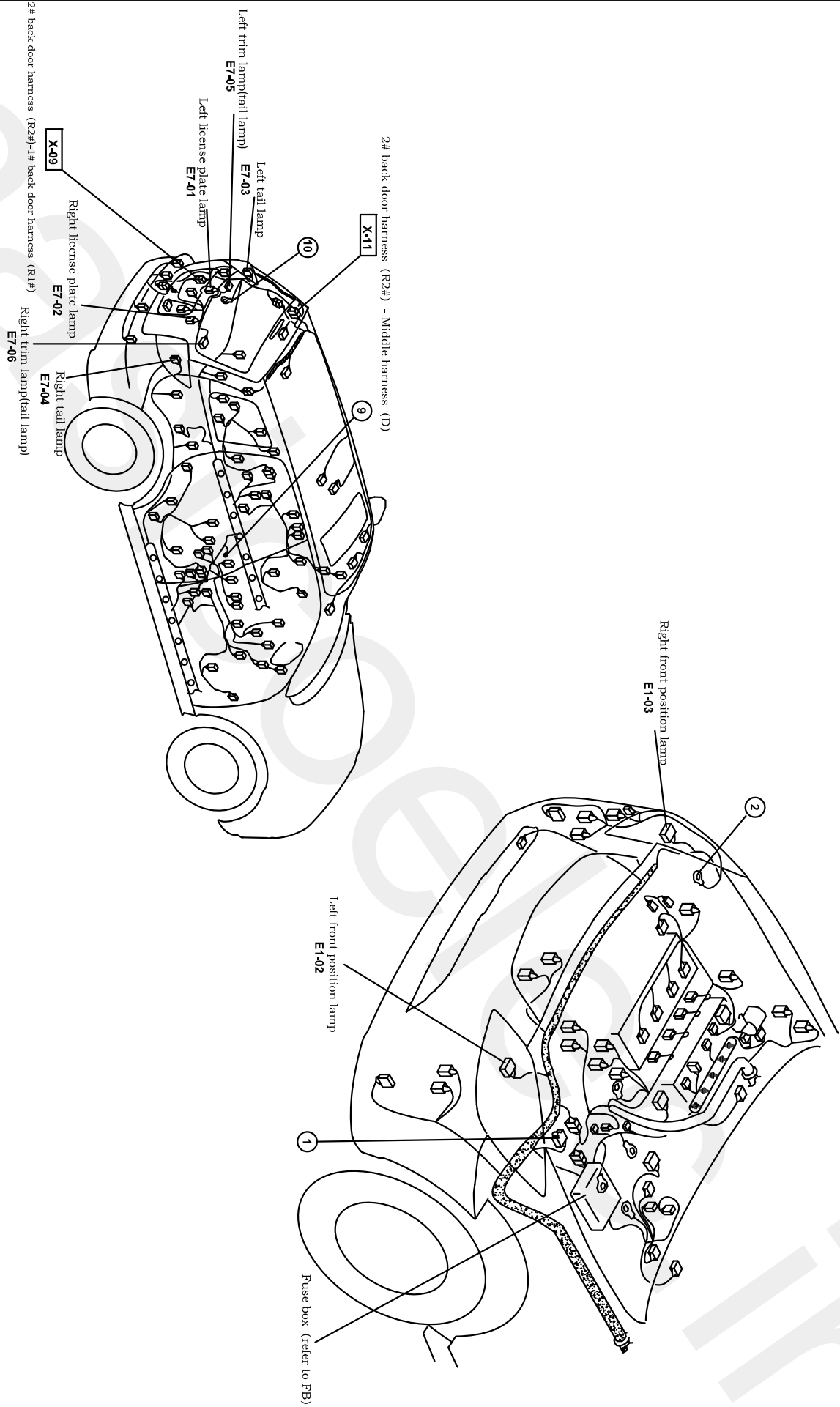


Harness mark:  (F)  (E)  (D)  (R)

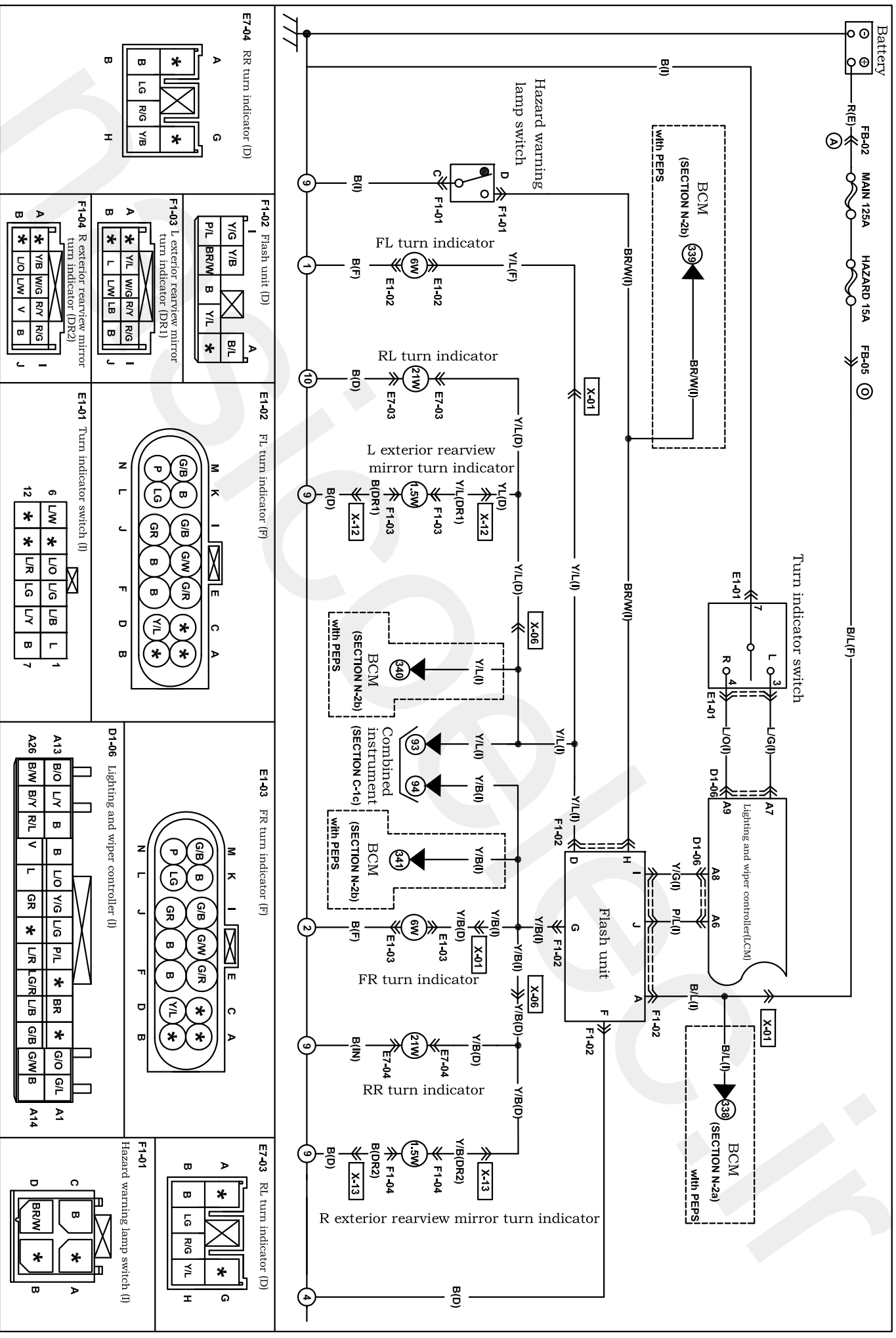


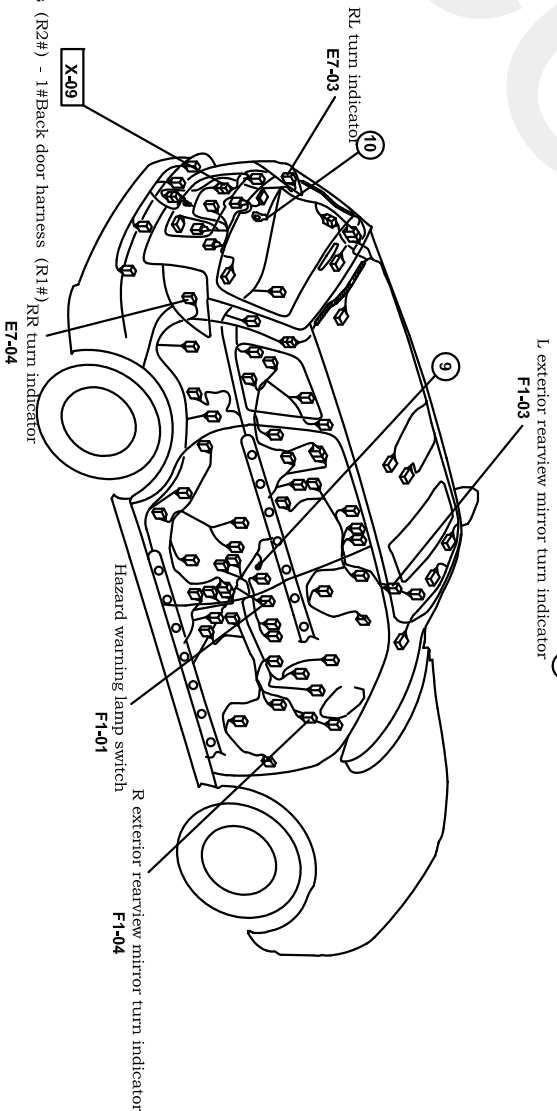
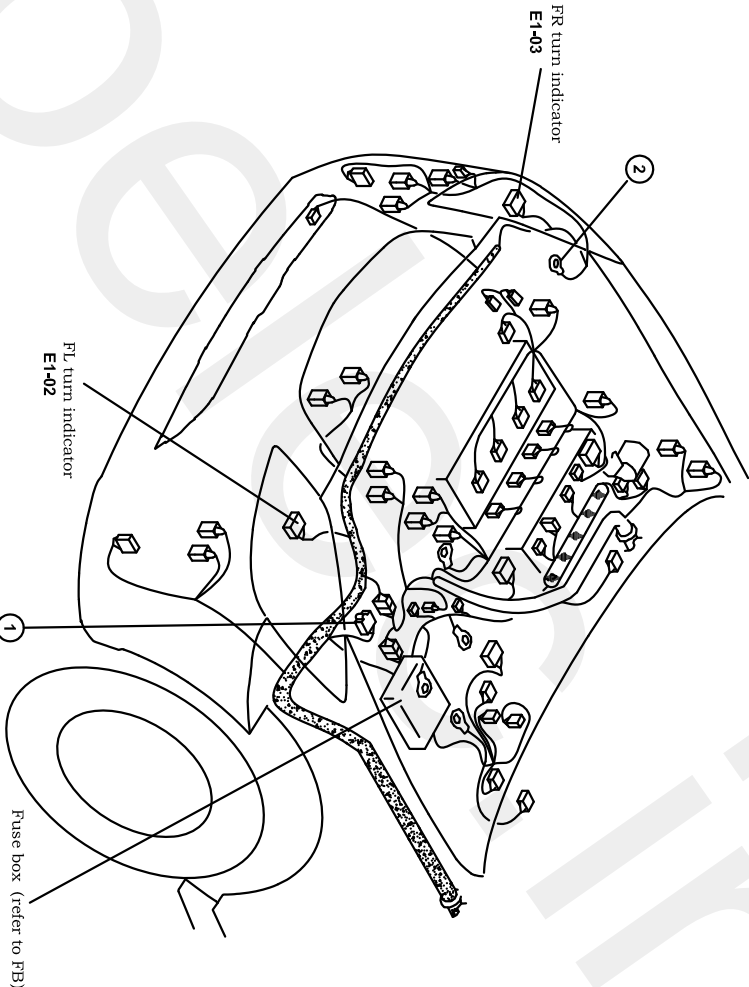
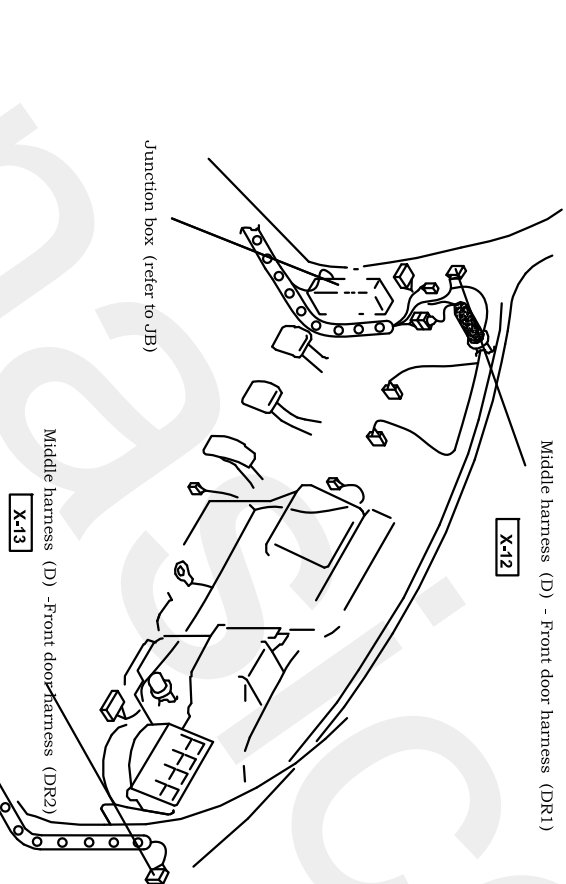
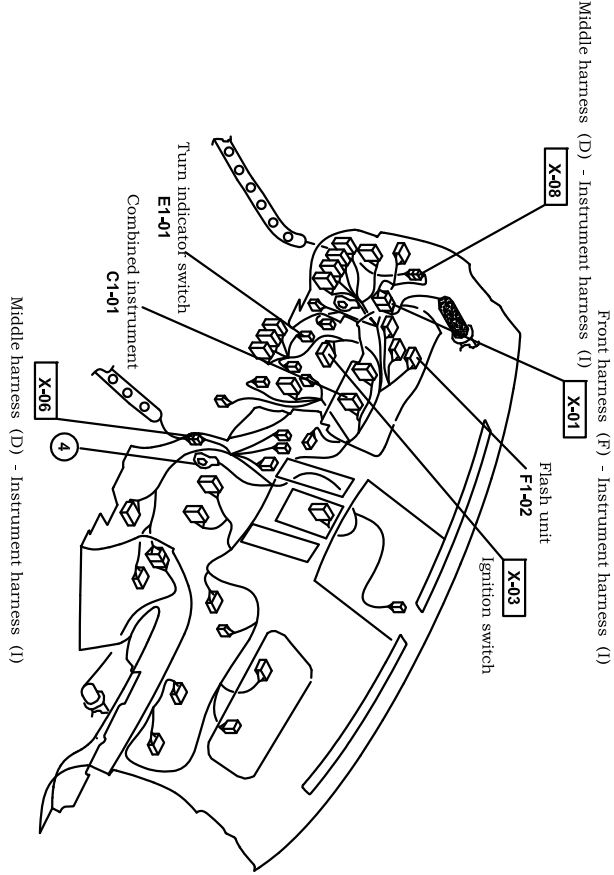


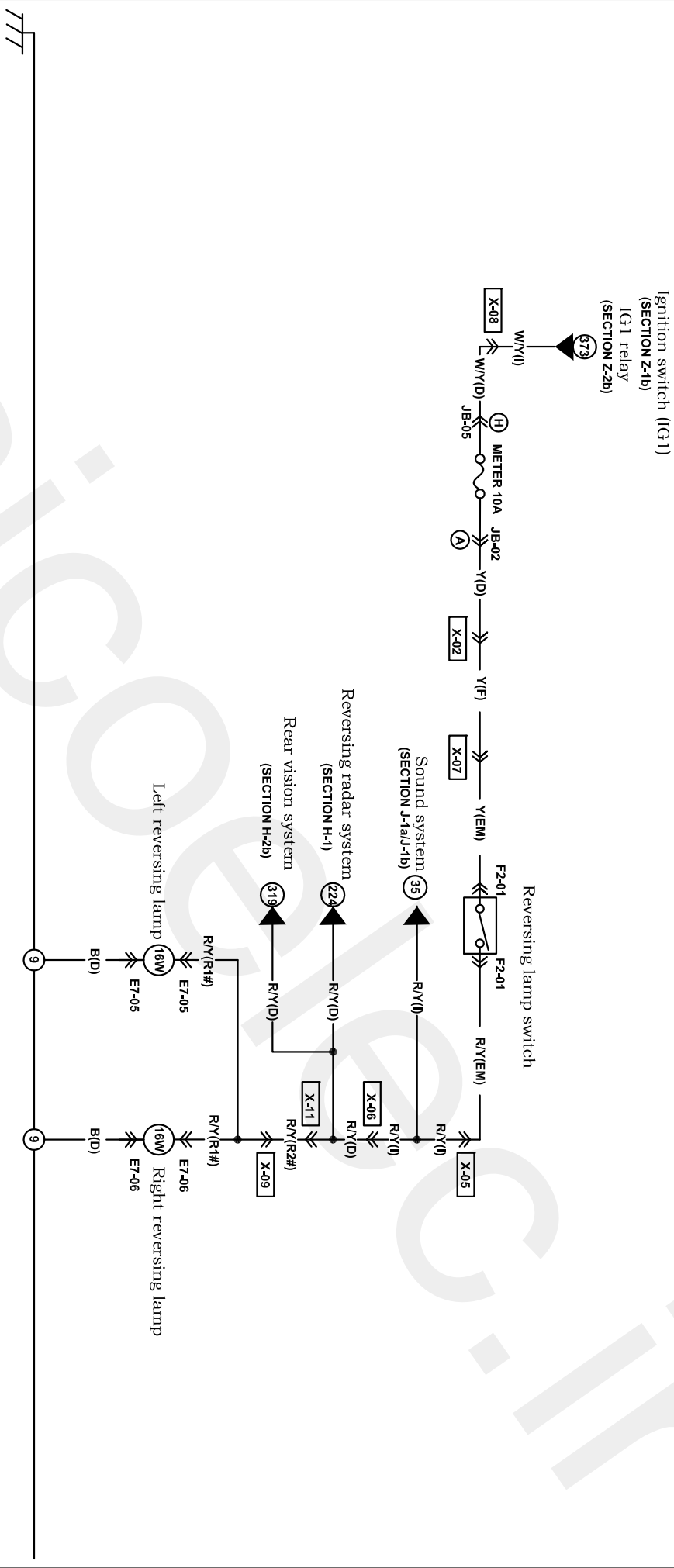
Harness mark:  (F)  (E)  (D)  (R)



Turn indicator and hazard warning lamp

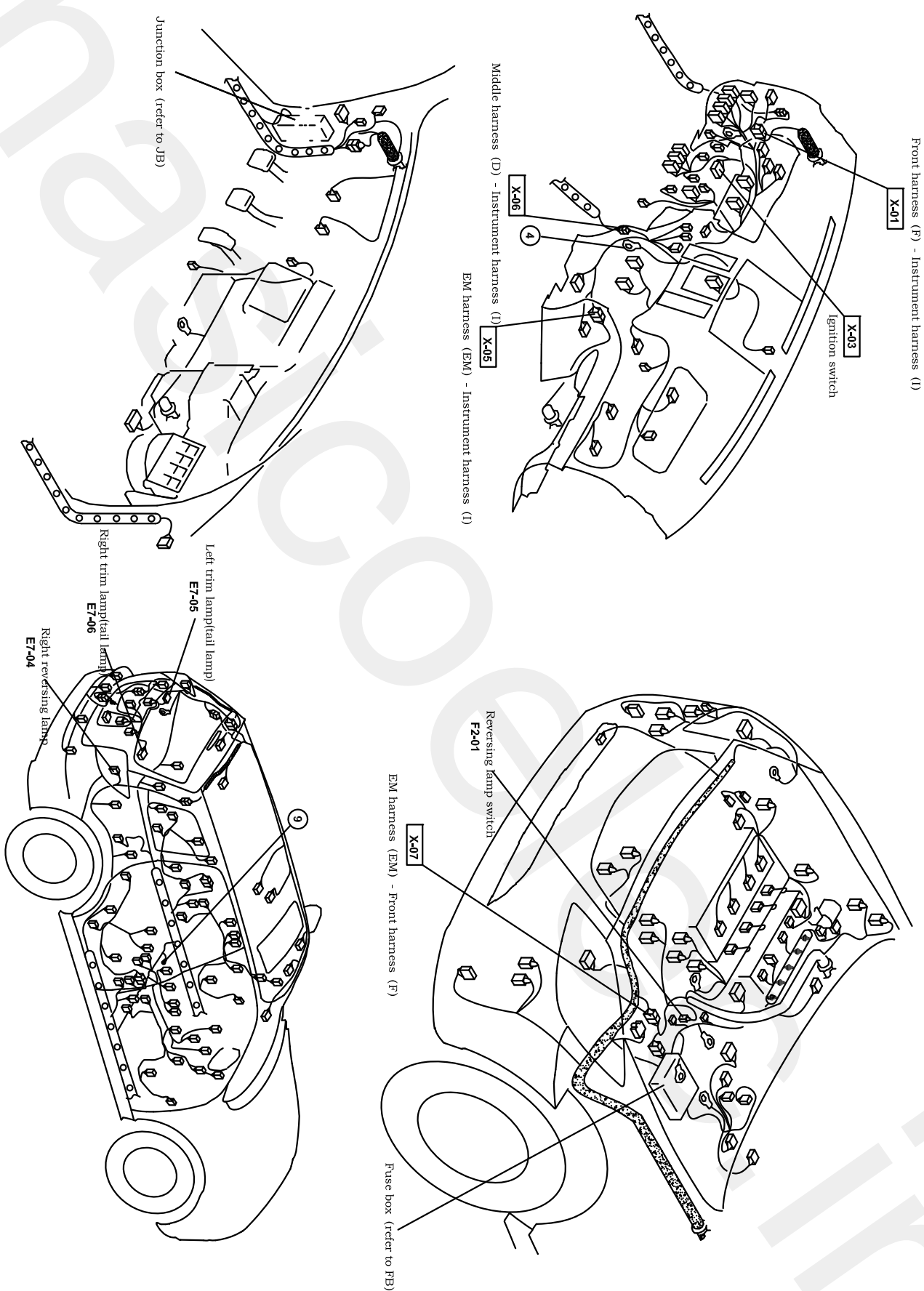




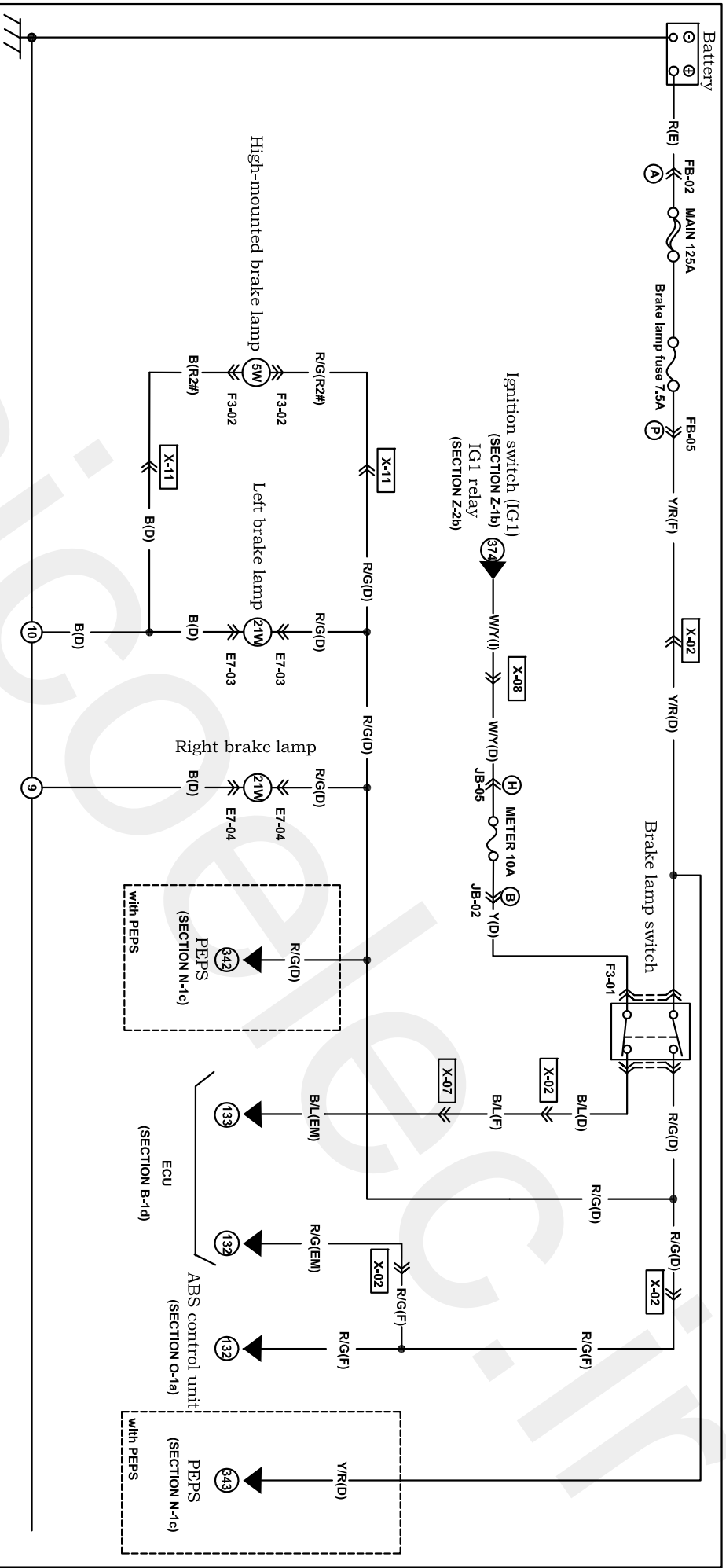


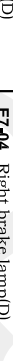
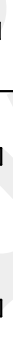
F2-01 Reversing lamp switch (EM)	E7-05 Left trim lamp(tail lamp)(R2#)	E7-06 Right trim lamp(tail lamp)(R2#)				
						

Harness mark :  (F)  (E)  (D)  (R)

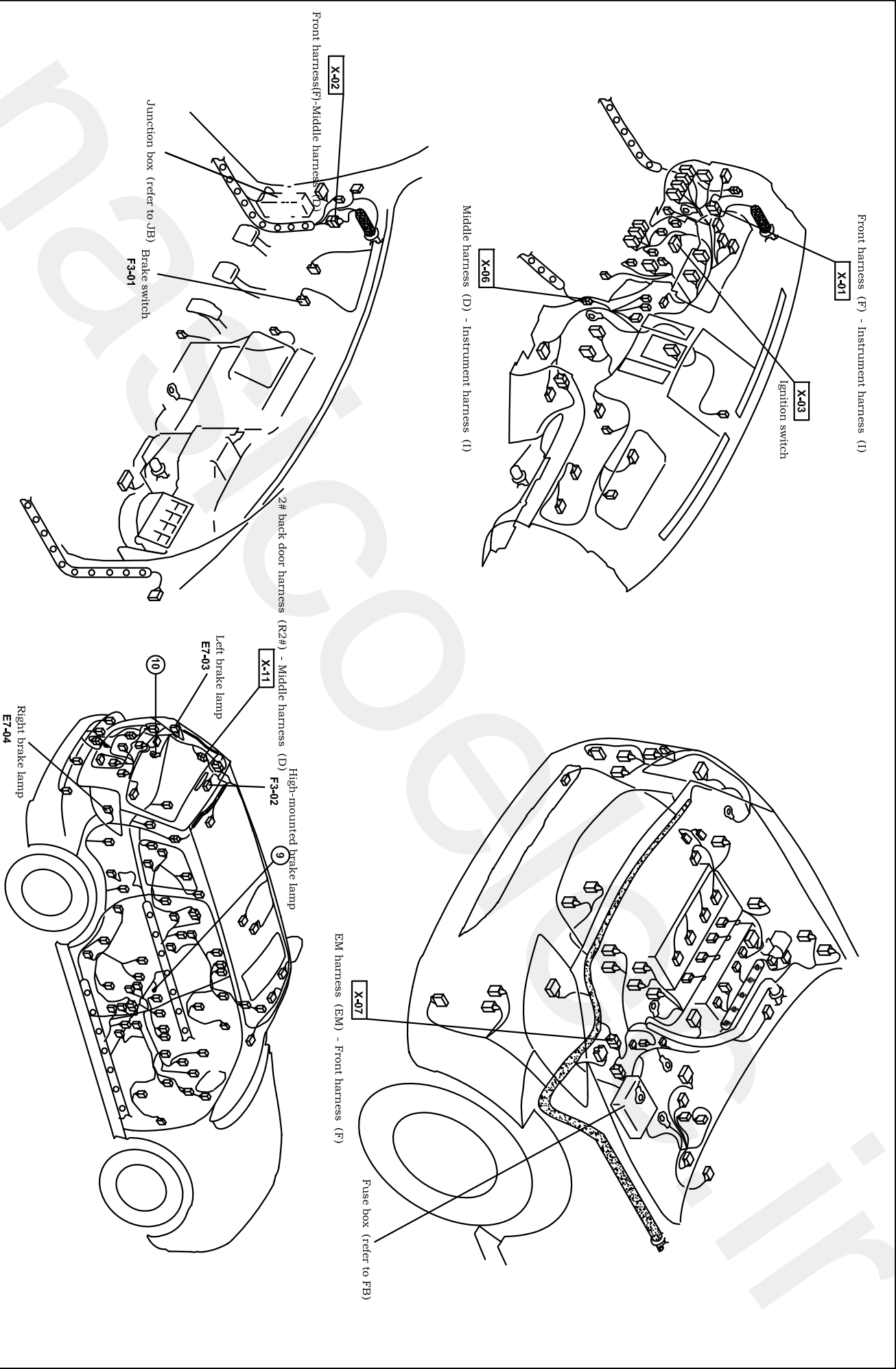


Brake lamp

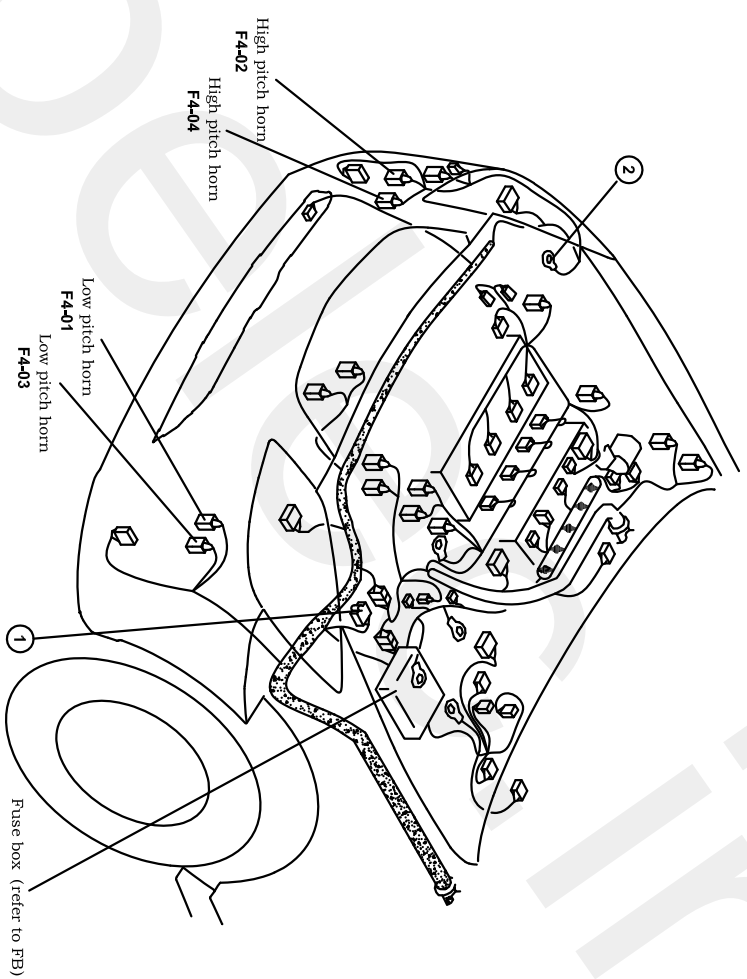
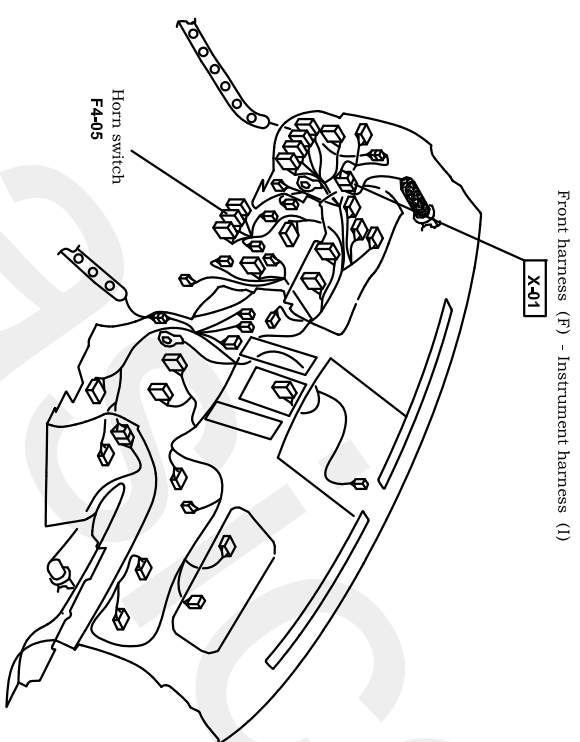


F3-01 Brake switch (D)						
F3-02 High-mounted brake lamp(R2#)						
E7-03 Left brake lamp(D)		E7-04 Right brake lamp(D)				

Harness mark :  (F)  (E)  (D)  (R)

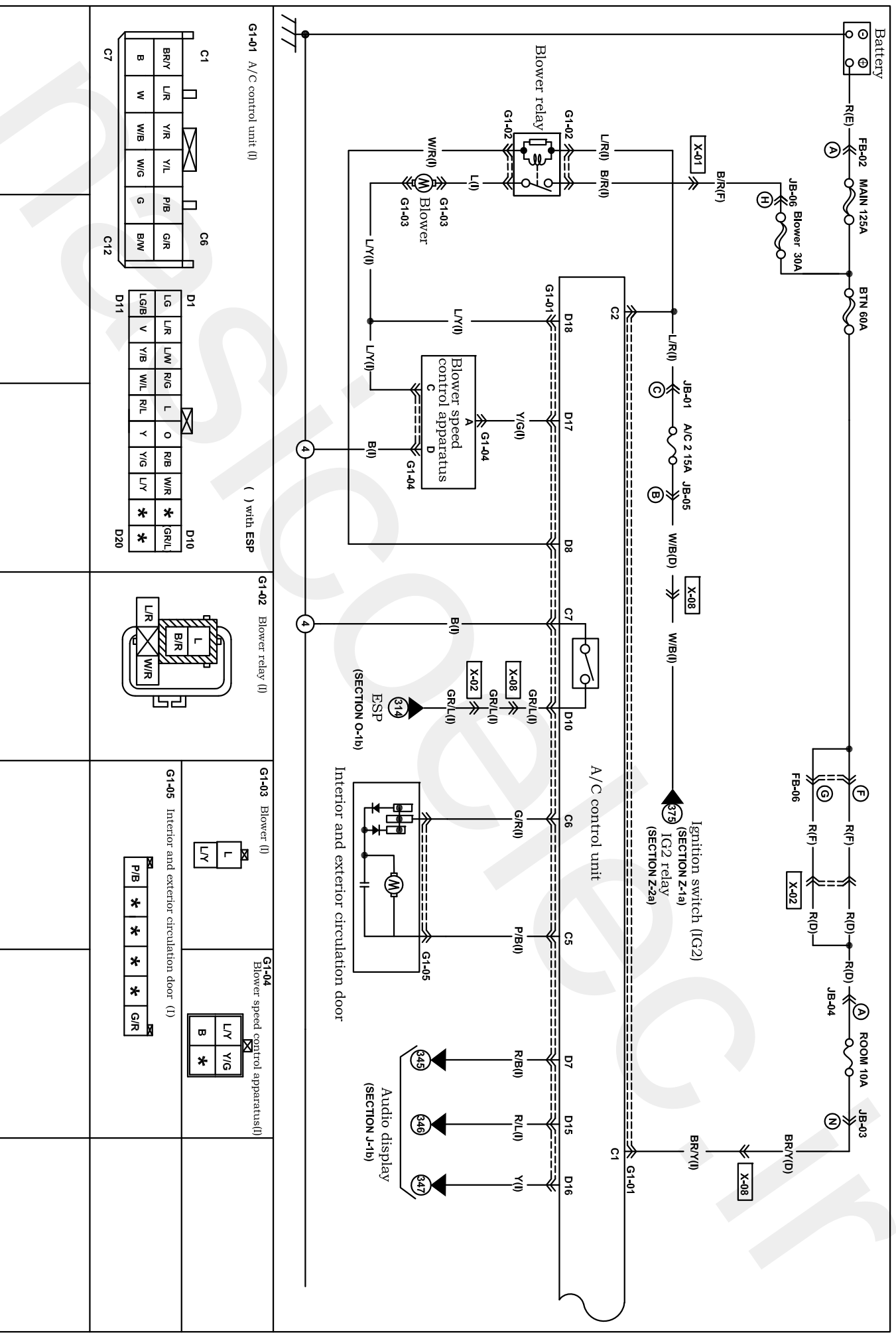


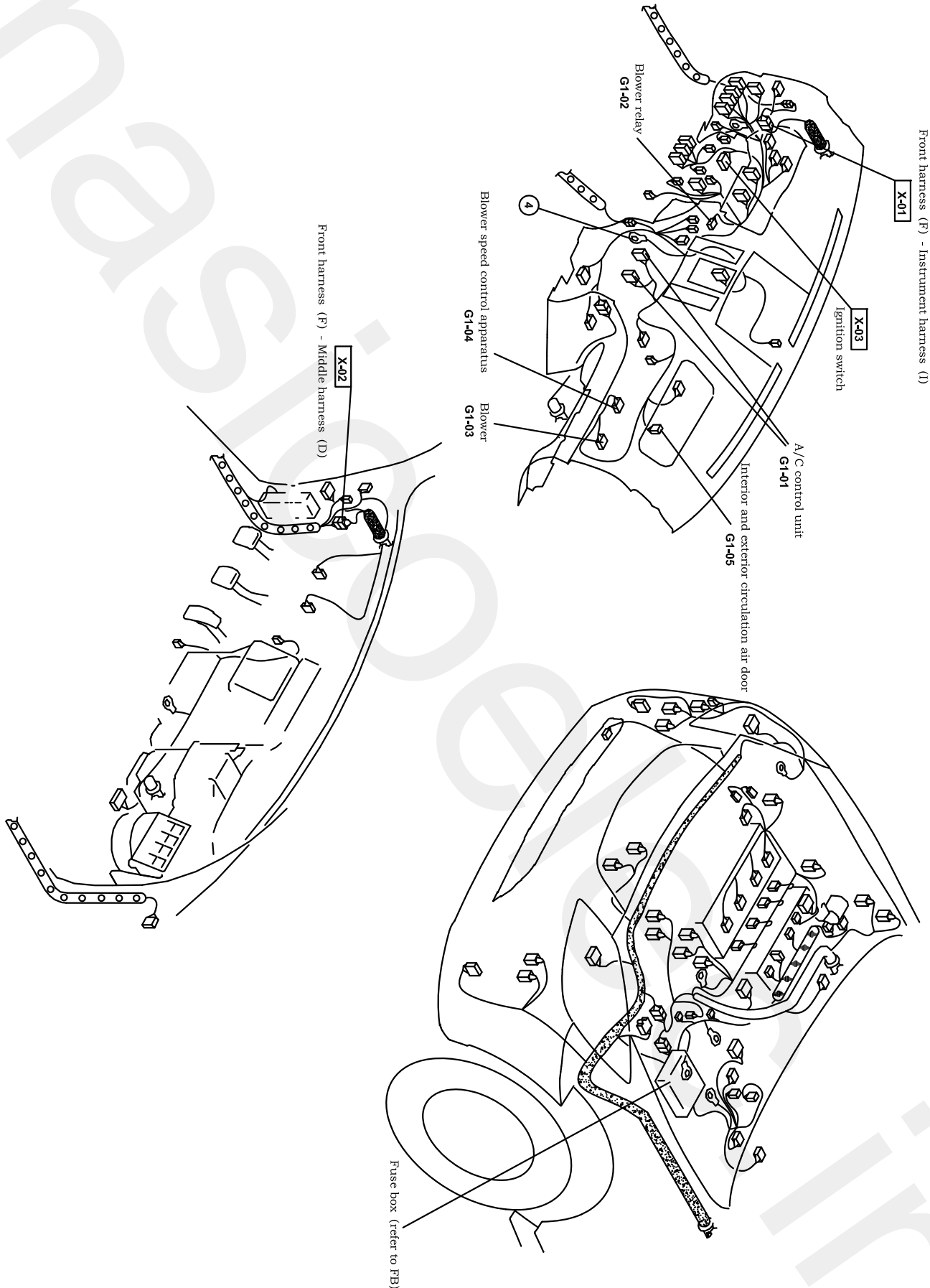
Harness mark:  (F)  (E)  (D)  (R)

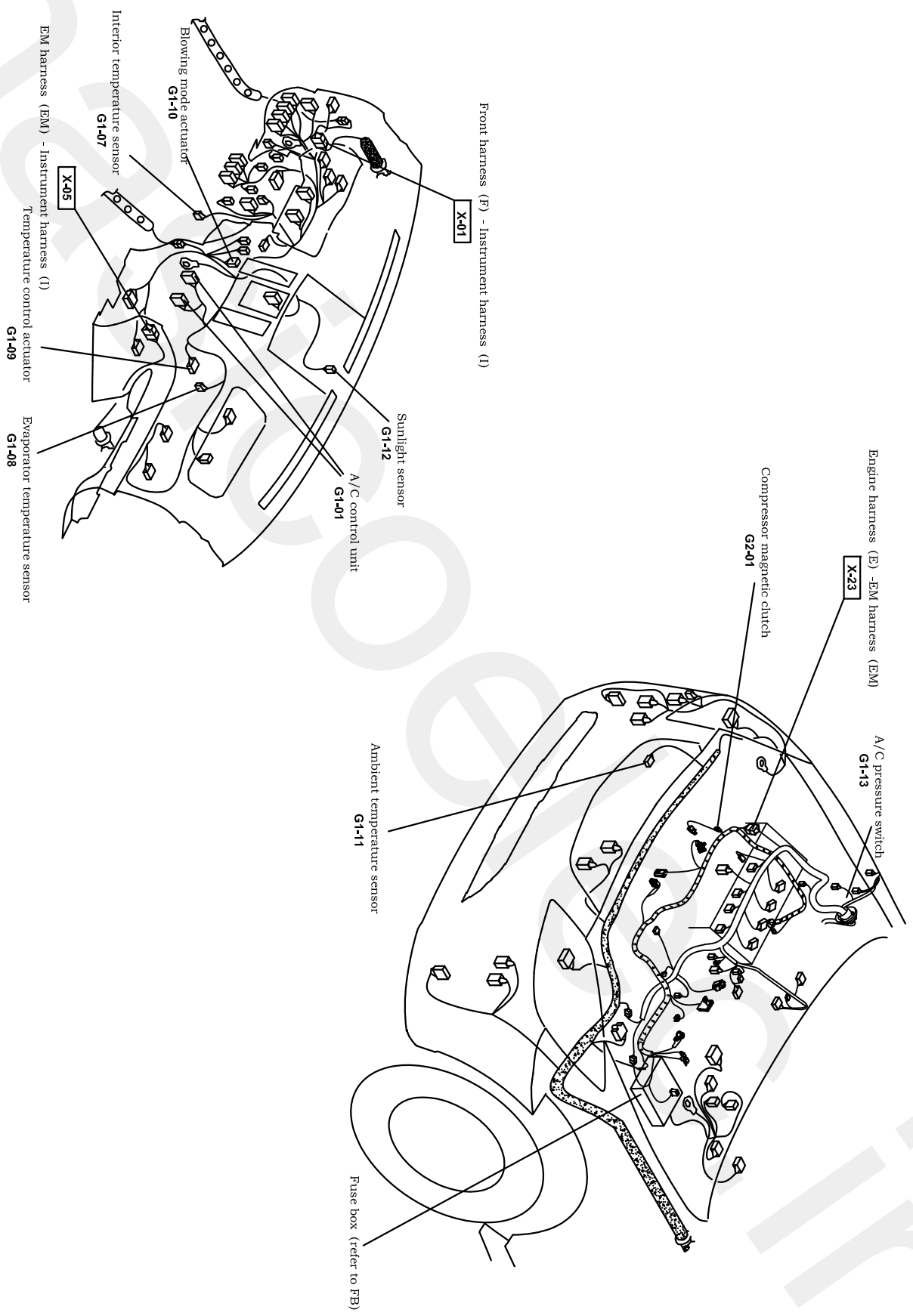


Air conditioning system

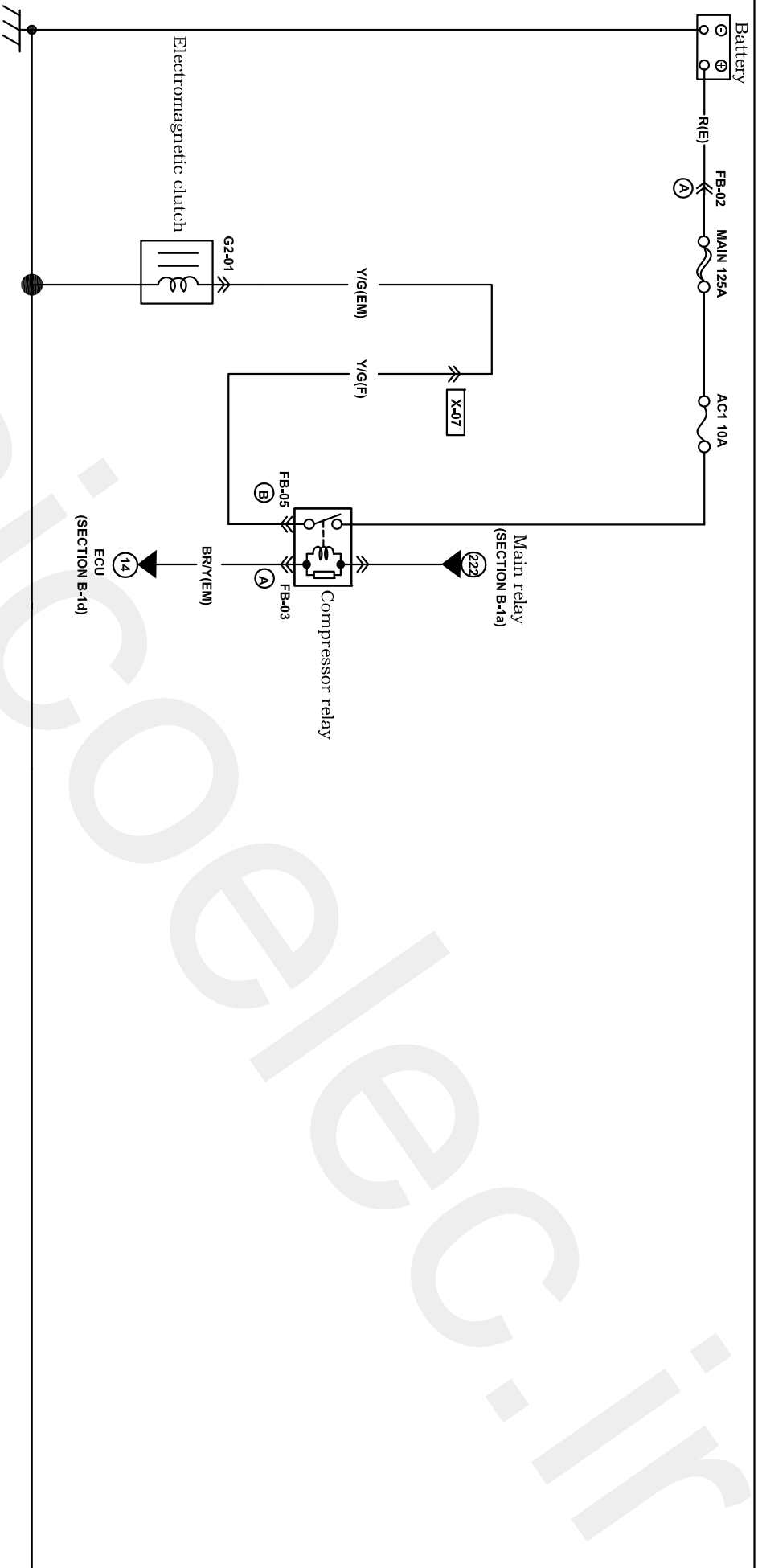
G-1a







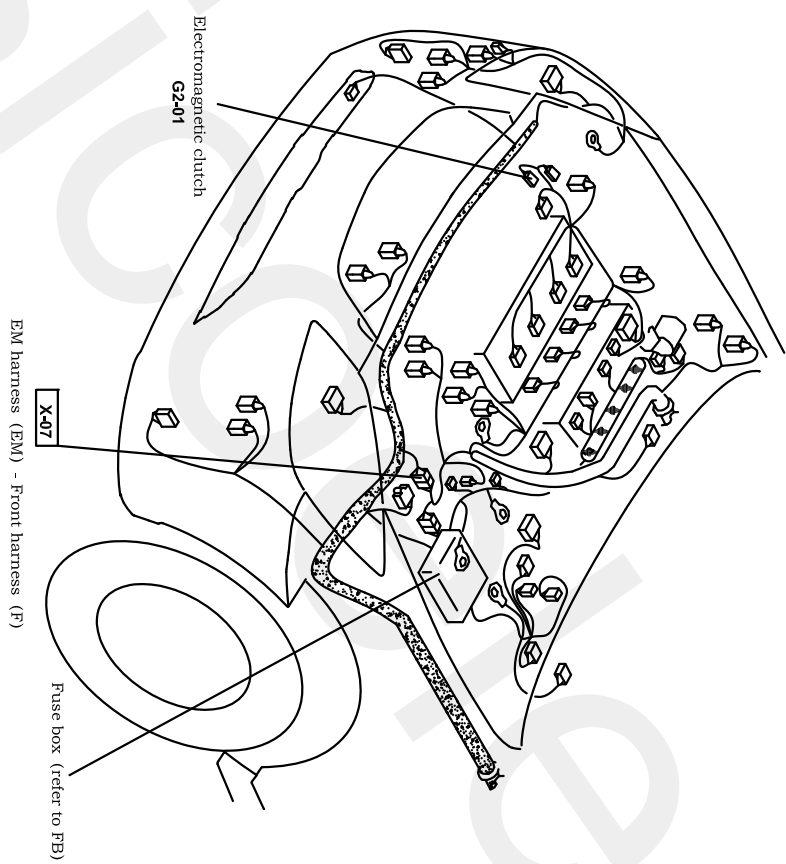
Compressor control system

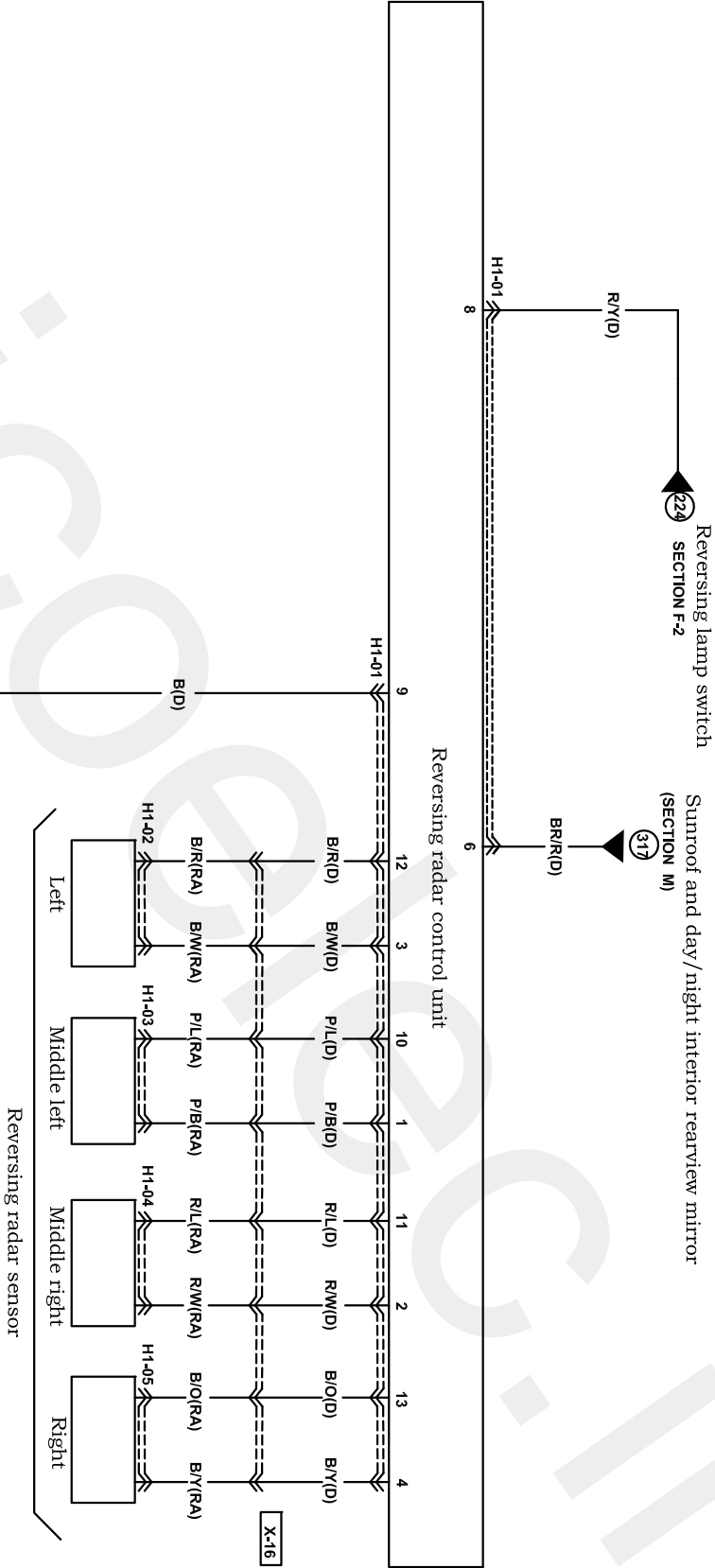


G2-01 Electromagnetic clutch (EM)

[illegible]

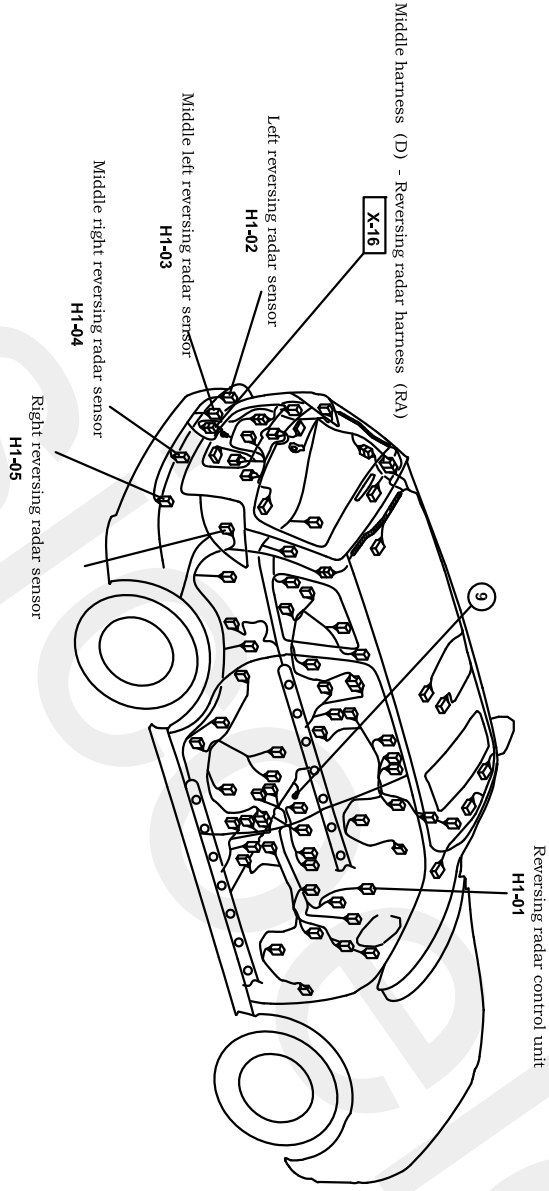
Harness mark:  (F)  (E)  (D)  (R)

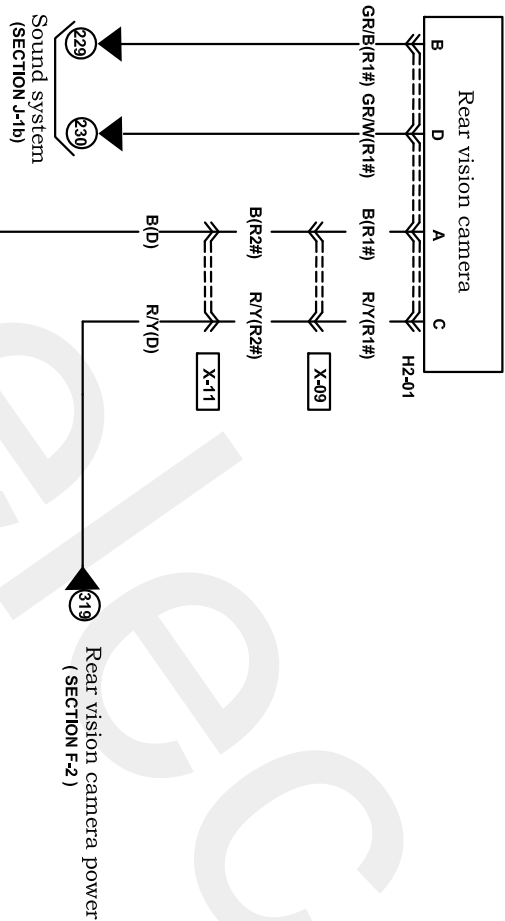




H1-01 Reversing radar control unit (1N)																																													
1 <table><tr><td>P/B</td><td>R/W</td><td>B/W</td><td>B/Y</td><td>*</td><td>BR/R</td><td>*</td><td>R/Y</td></tr><tr><td>B</td><td>P/L</td><td>R/L</td><td>B/R</td><td>B/O</td><td>*</td><td>*</td><td>*</td></tr></table> 8 9 16										P/B	R/W	B/W	B/Y	*	BR/R	*	R/Y	B	P/L	R/L	B/R	B/O	*	*	*	H1-02 Left reversing radar sensor (RA) E/R B/W																			
P/B	R/W	B/W	B/Y	*	BR/R	*	R/Y																																						
B	P/L	R/L	B/R	B/O	*	*	*																																						
										H1-03 Middle left reversing radar sensor (RA) P/L P/B																																			
										H1-04 Middle right reversing radar sensor(RA) R/L R/W																																			
										H1-05 Right reversing radar sensor(RA) B/O B/Y																																			

Harness mark:  (F)  (E)  (D)  (R)

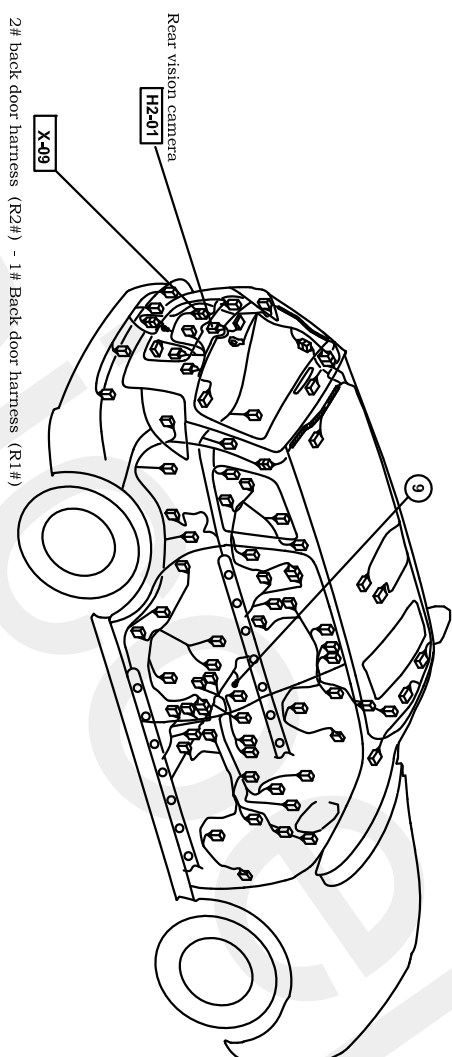


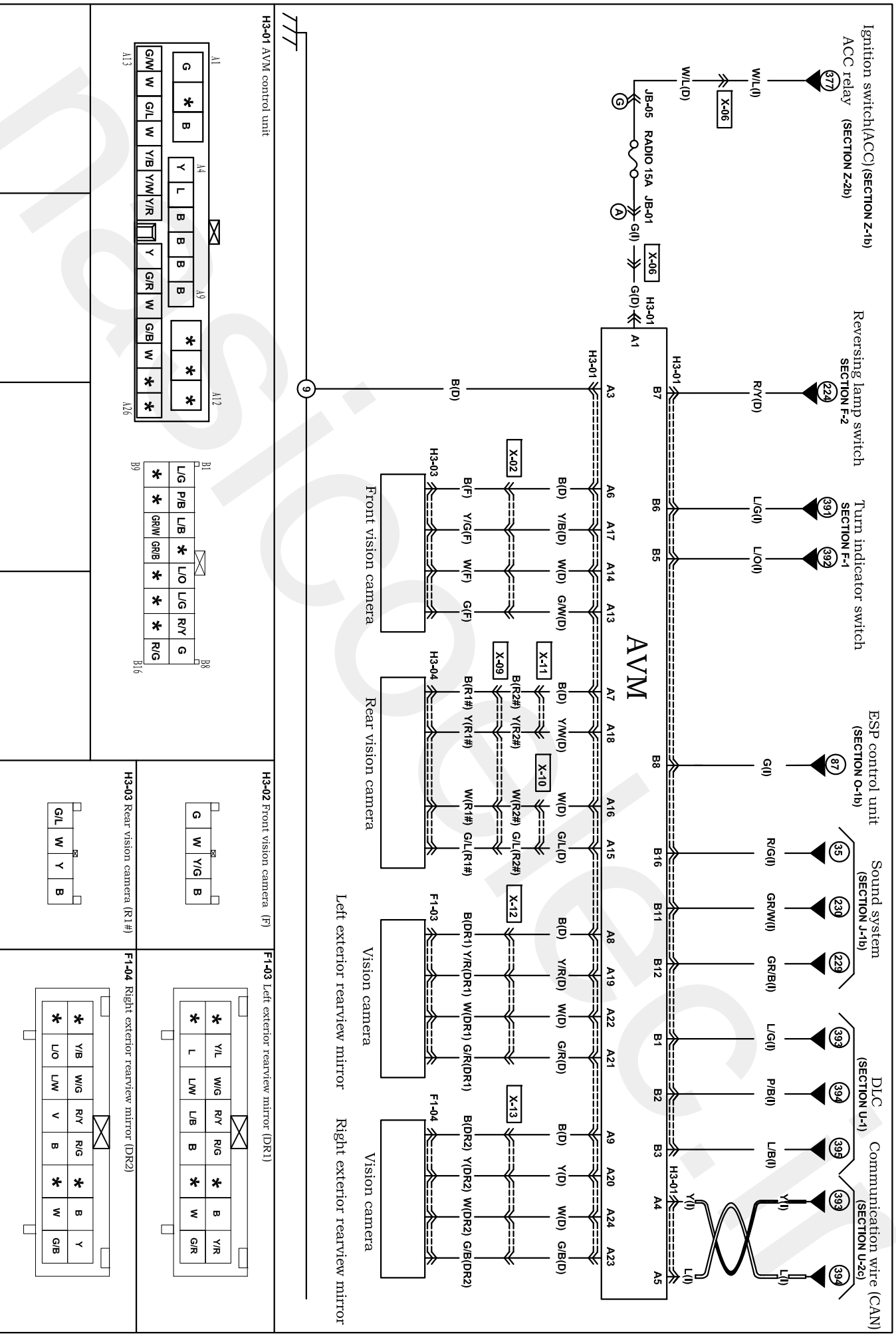


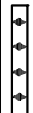
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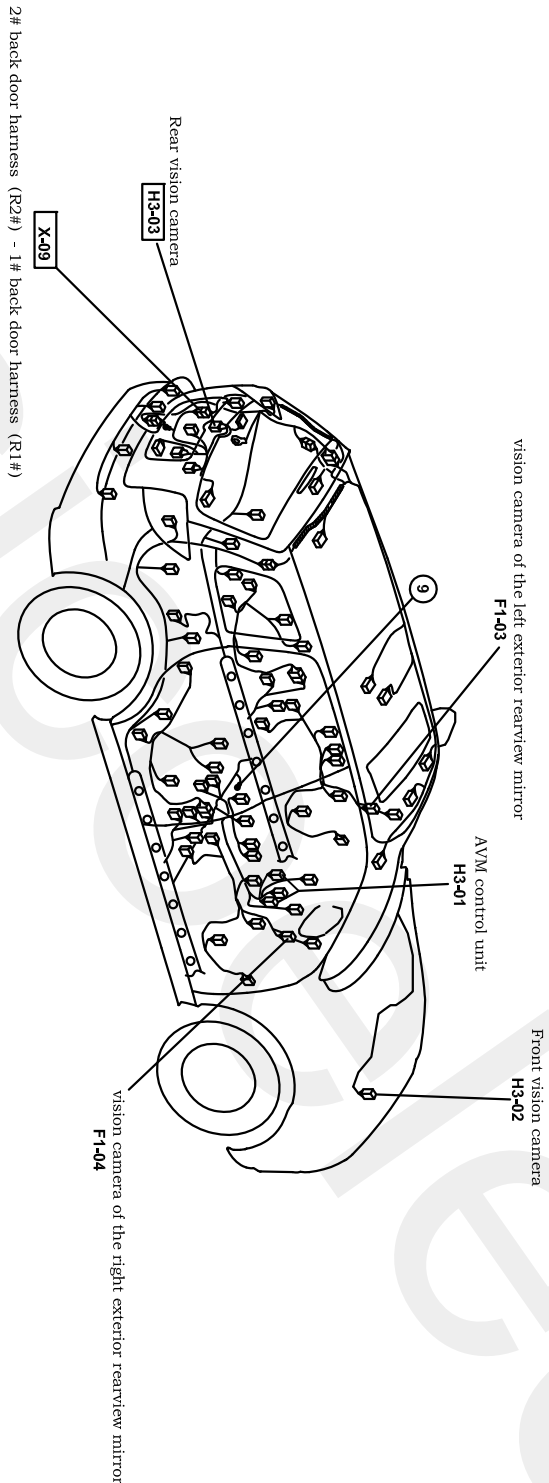
H2-01 Rear vision camera (R1 #)																				
<table><tr><td>C</td><td>⊗</td><td>A</td></tr><tr><td>R/Y</td><td>B</td><td></td></tr><tr><td>GRW</td><td>GR/B</td><td></td></tr><tr><td>D</td><td>B</td><td></td></tr></table>				C	⊗	A	R/Y	B		GRW	GR/B		D	B						
C	⊗	A																		
R/Y	B																			
GRW	GR/B																			
D	B																			

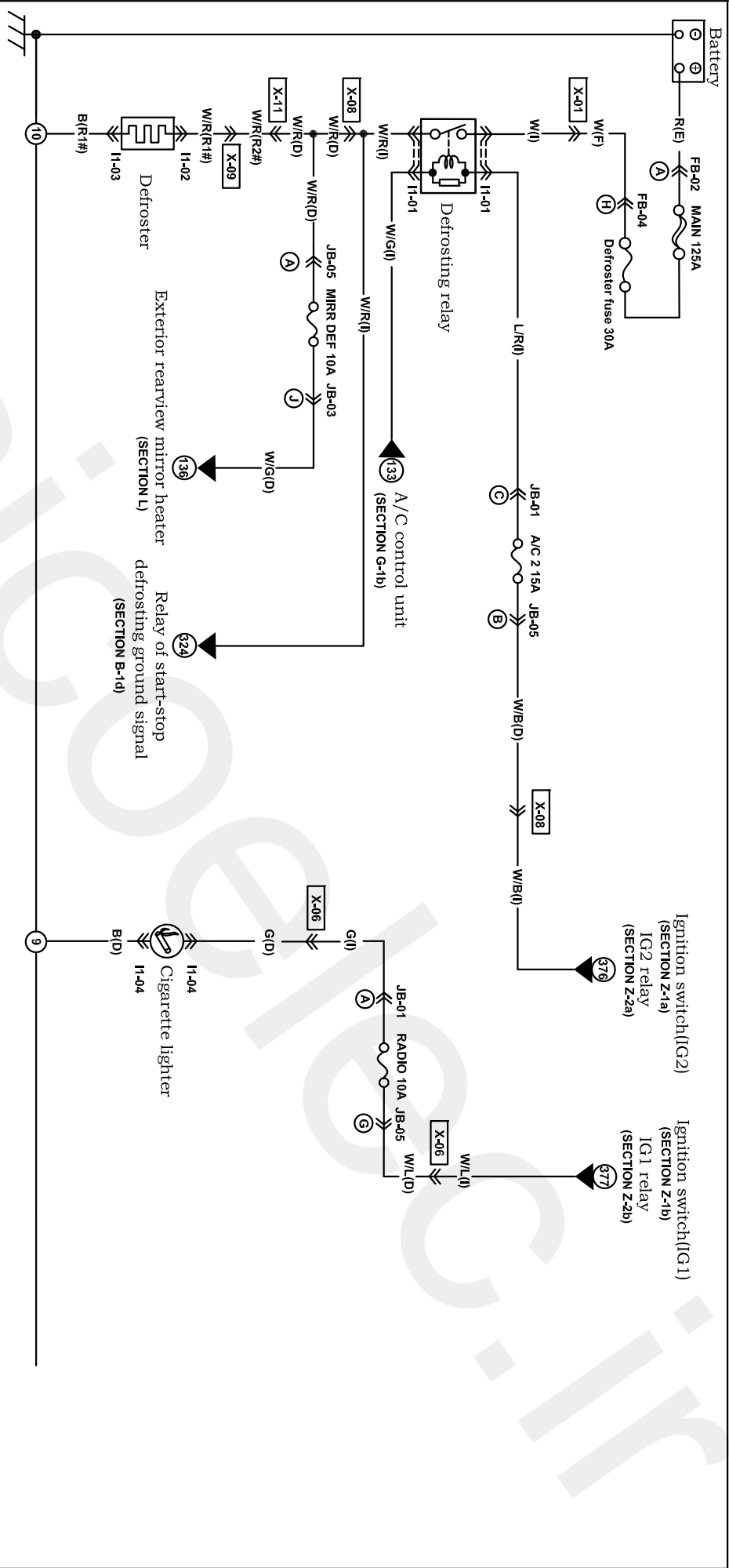
Harness mark:  (F)  (E)  (D)  (R)

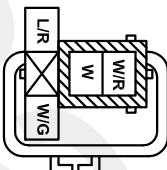
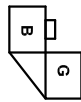




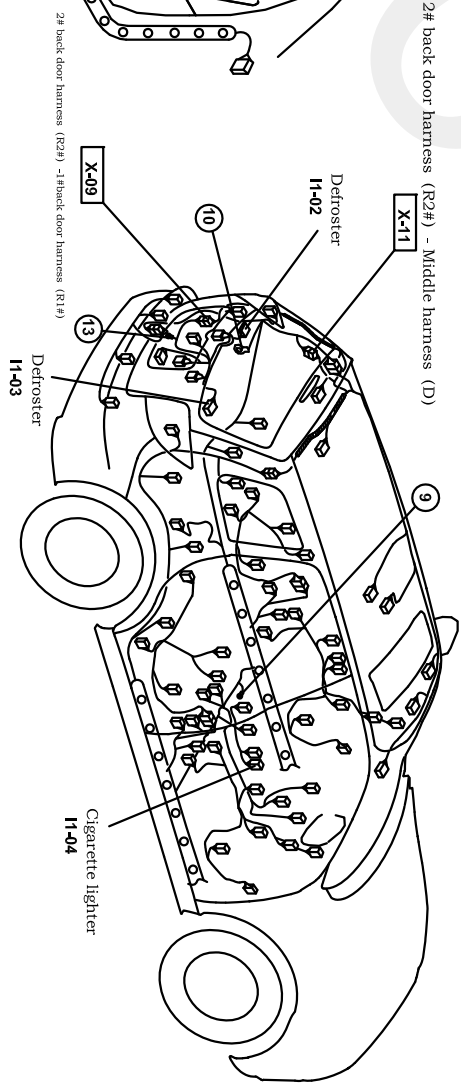
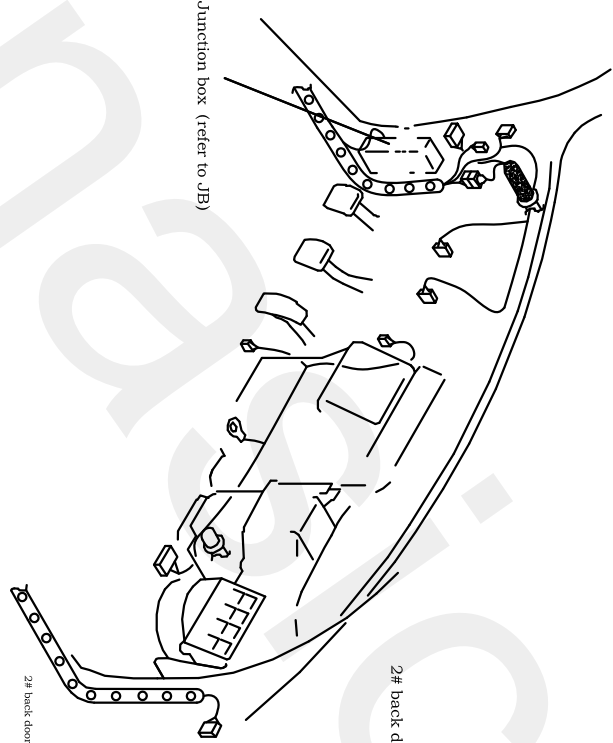
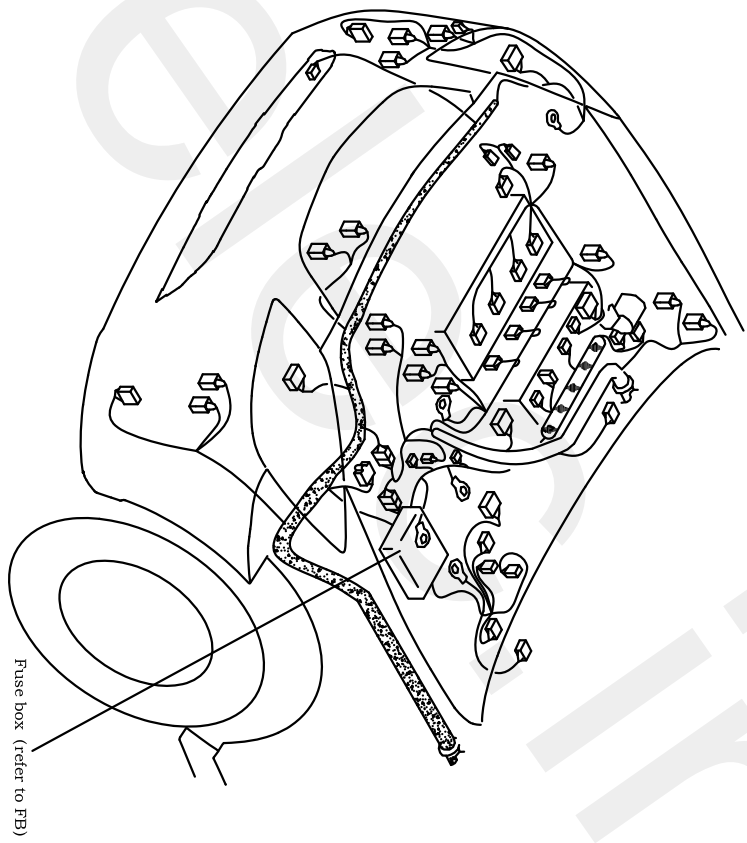
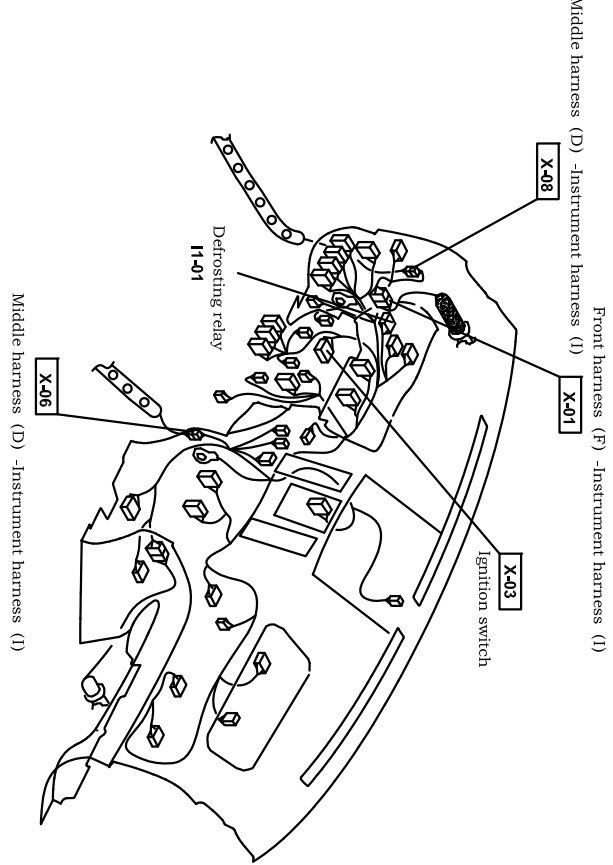
Harness mark:  (F)  (E)  (D)  (R)

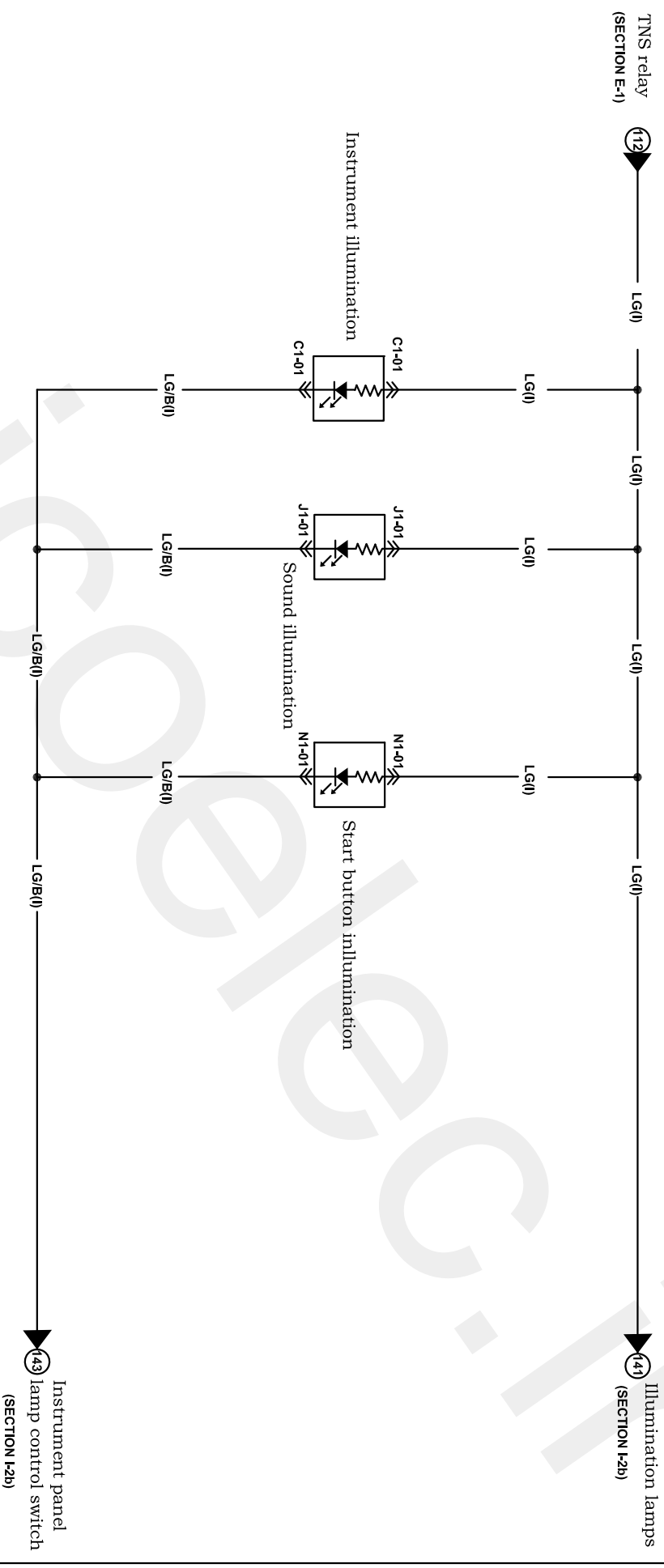




I1-01	Defroster relay (I)	I1-02	Defroster (R1#)	I1-03	Defroster (R1#)	I1-04	Cigarette lighter (I)		
									

Harness mark:  (F)  (E)  (D)  (R)

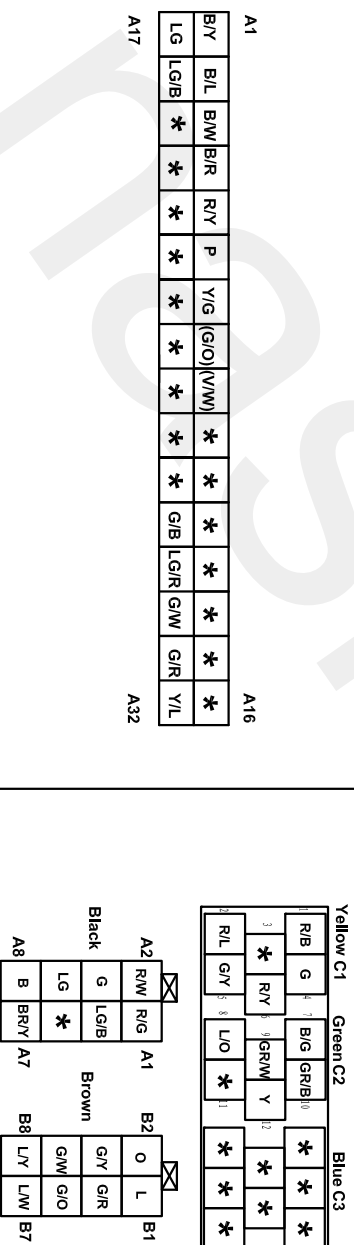




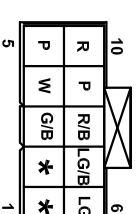
C1-01 Combined instrument (I)

() with ESP

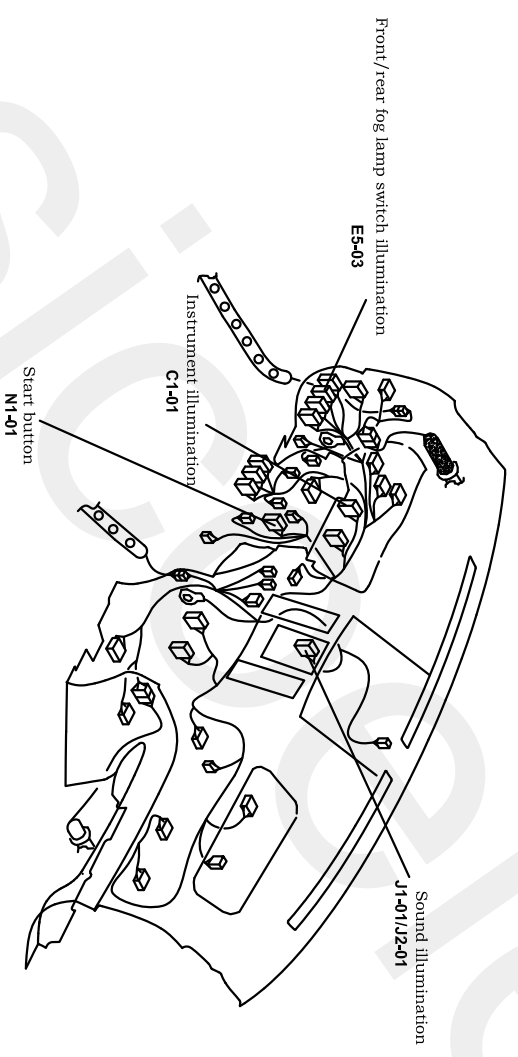
J1-01 Sound unit (I)

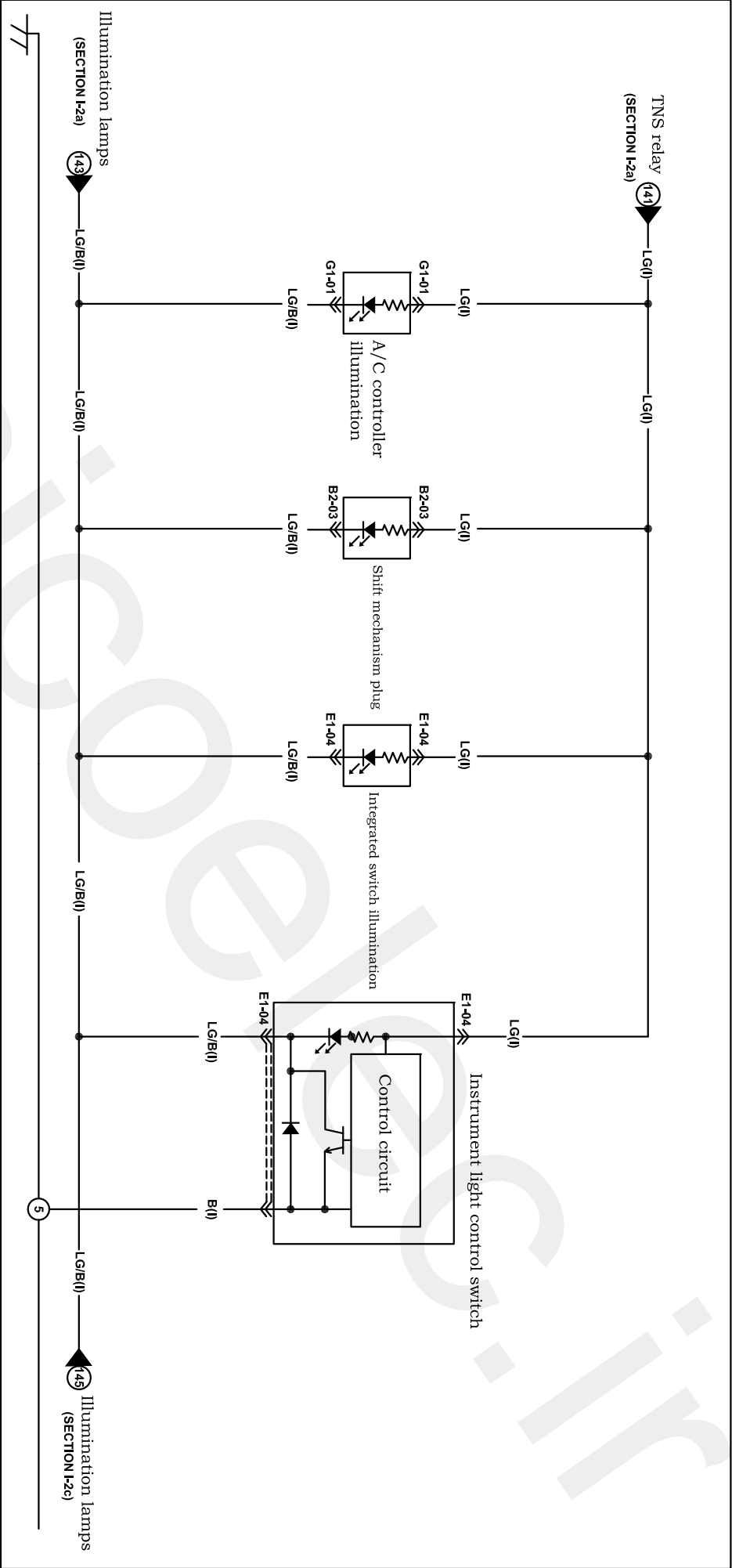


N1-01 Start button (I)



Harness mark:  (F)  (E)  (D)  (R)

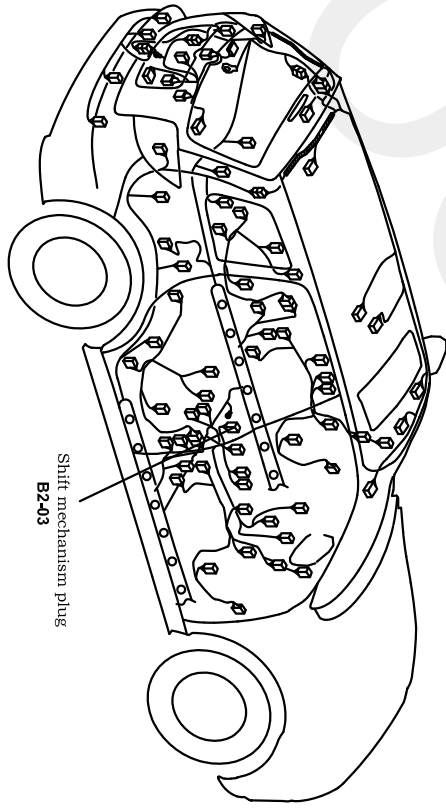
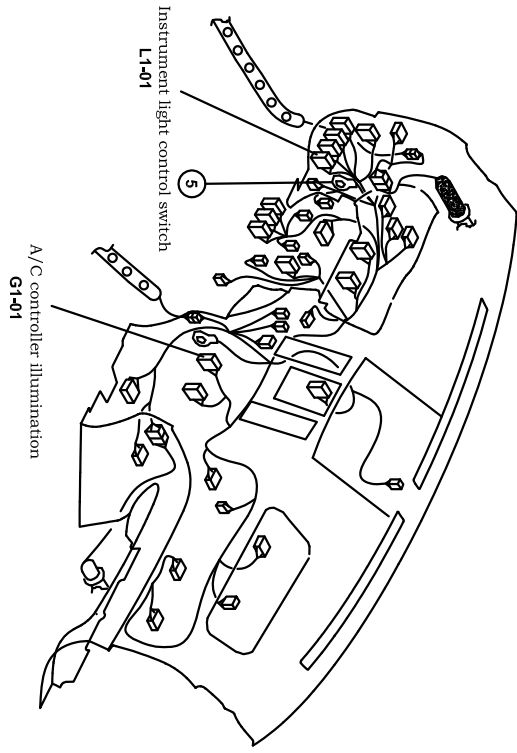




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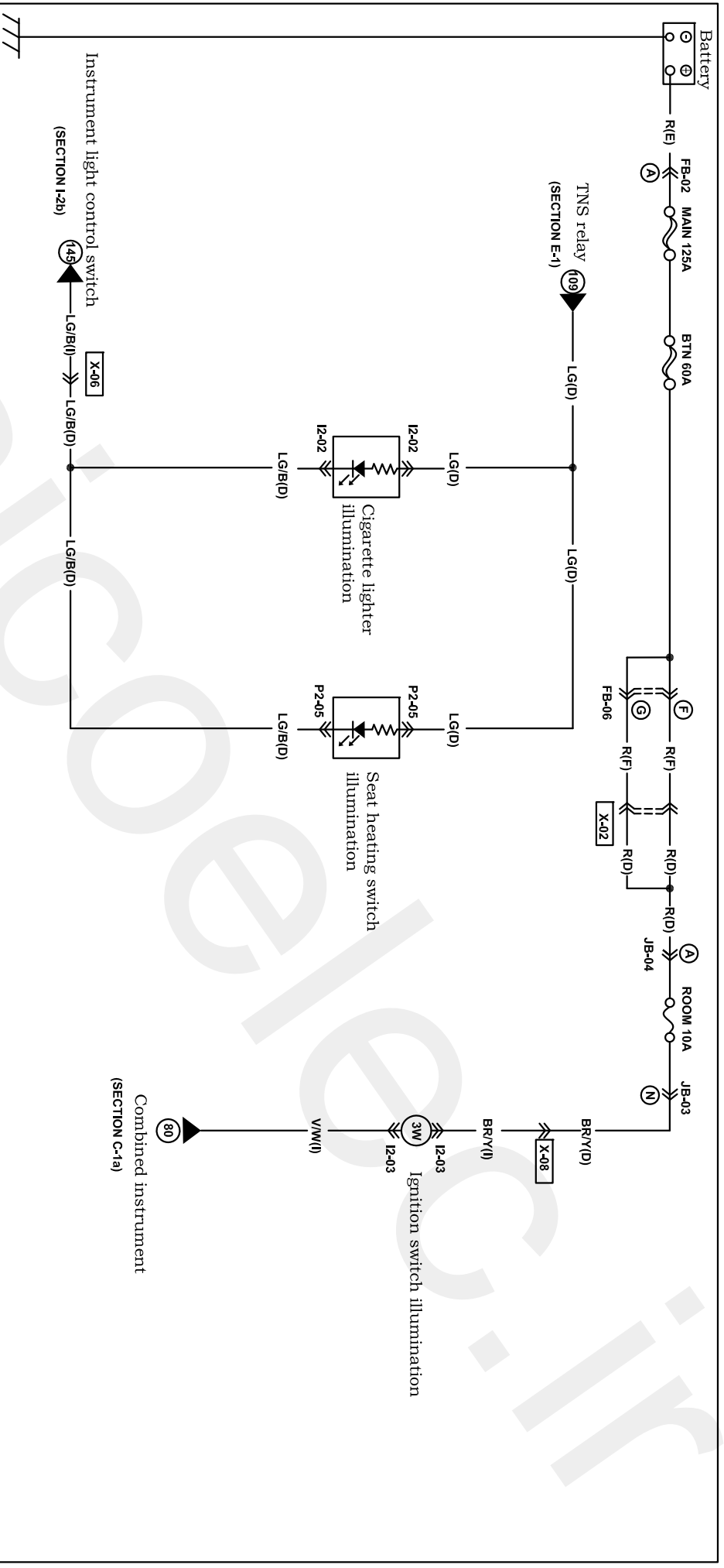
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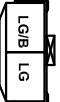
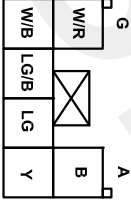
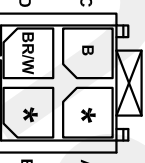
Harness mark:  (F)  (E)  (D)  (R)



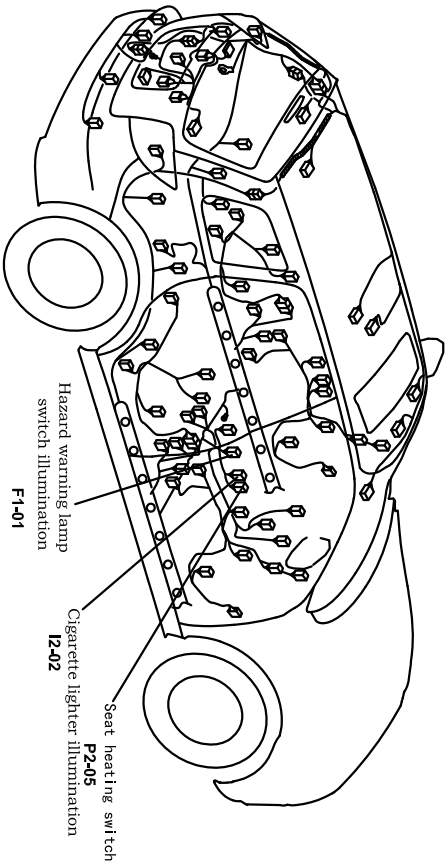
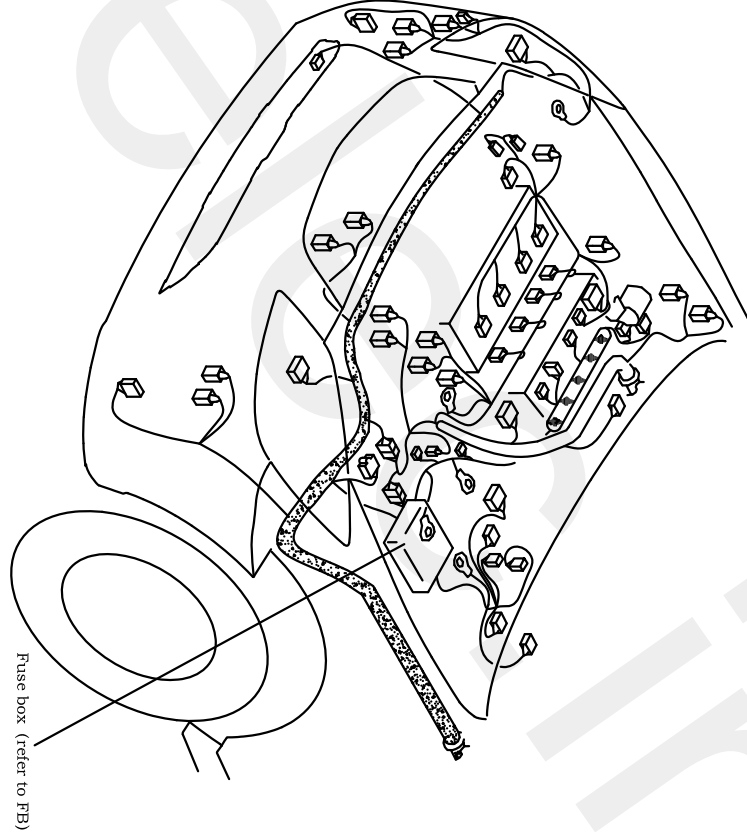
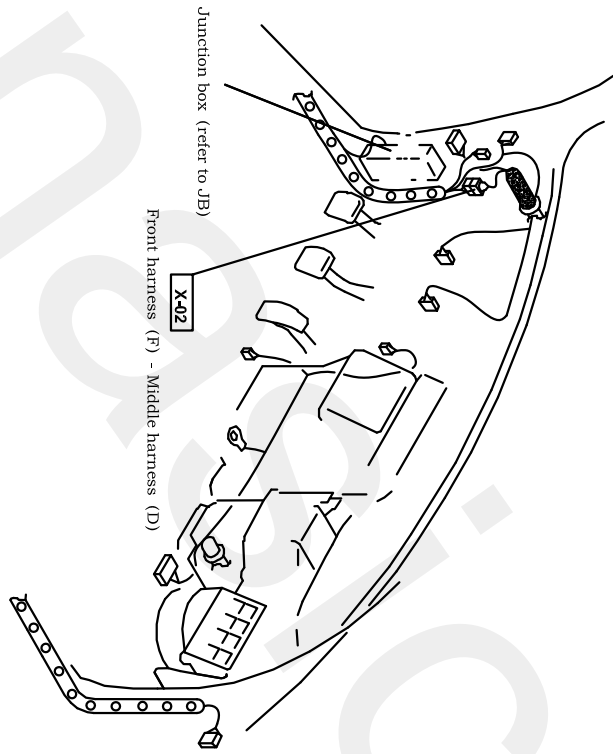
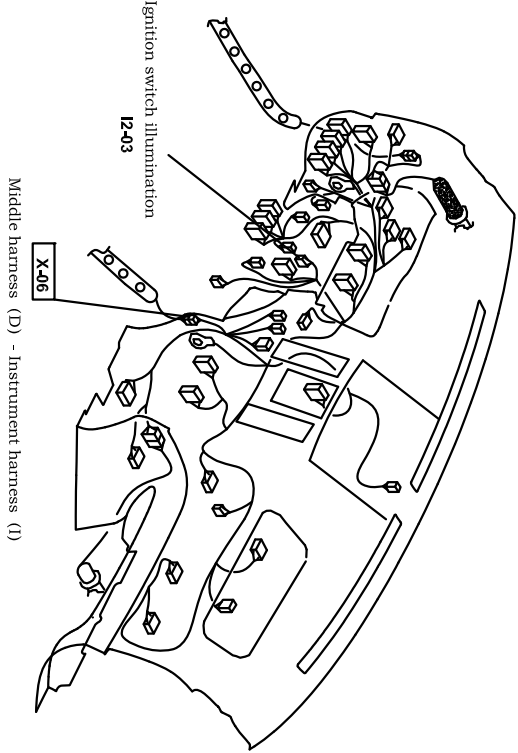
Illumination lamp

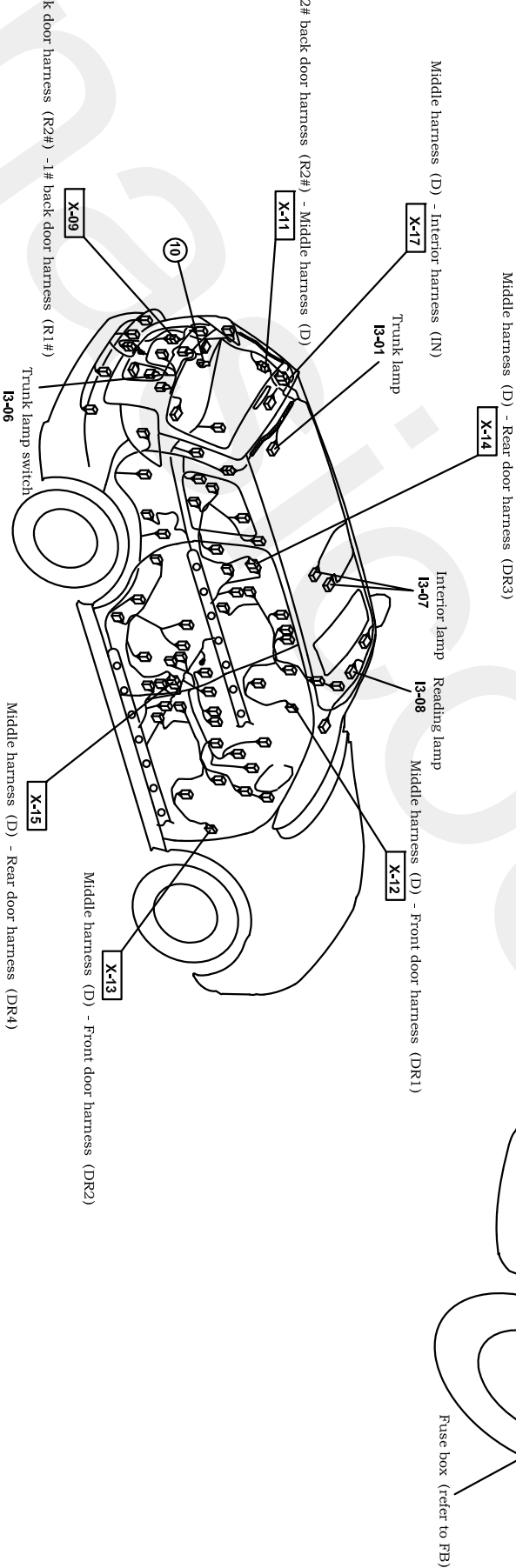
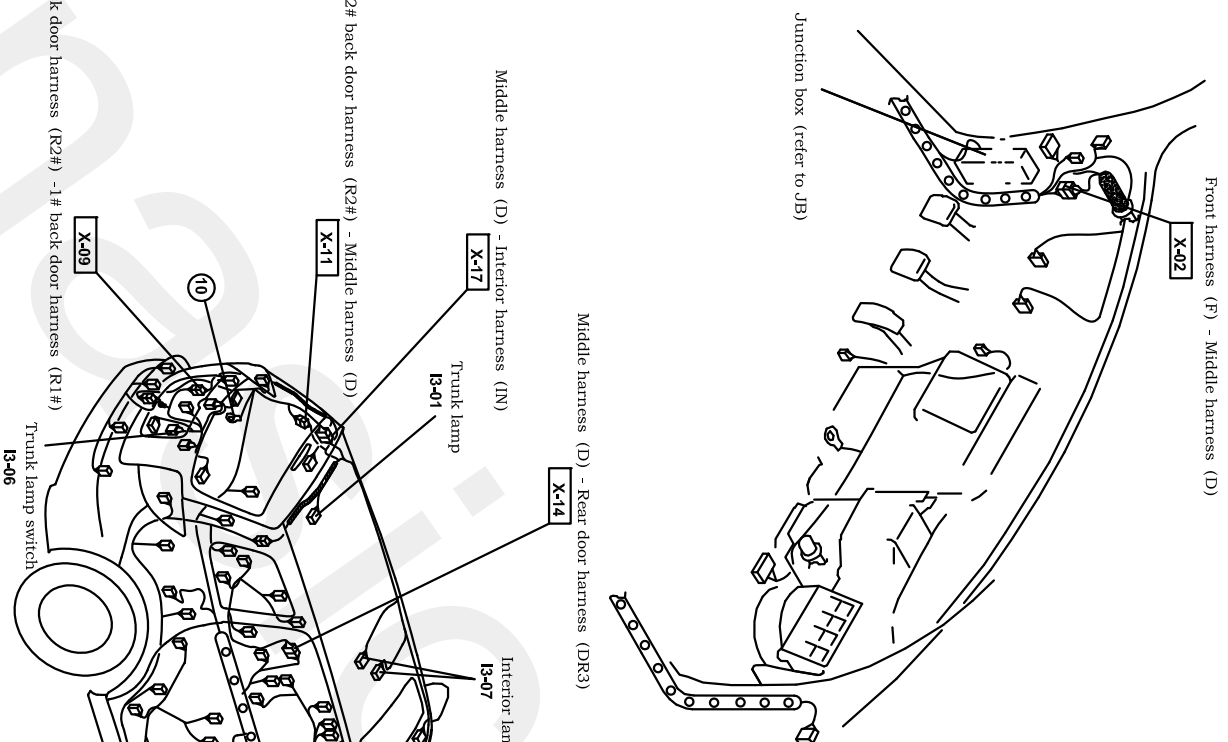
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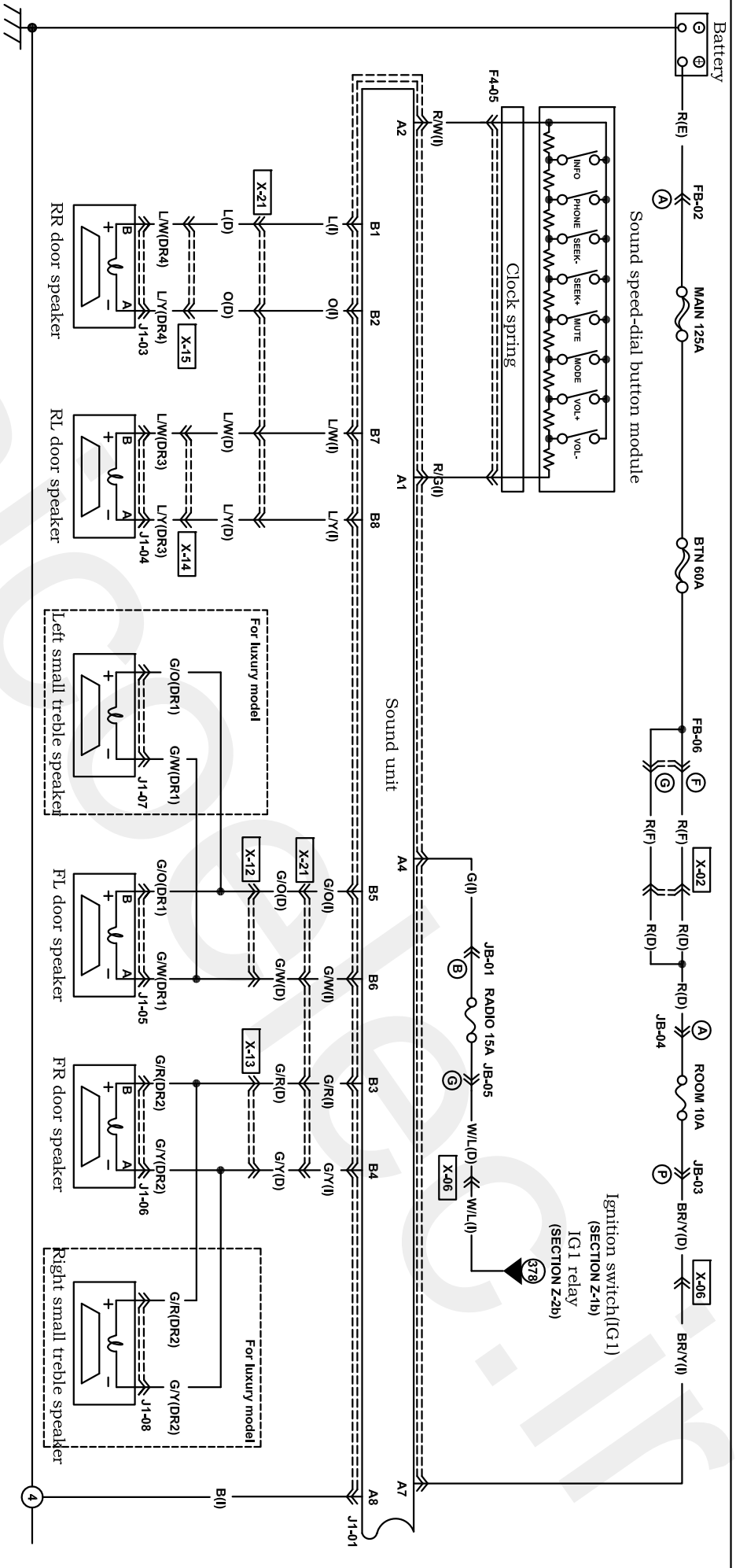


I2-02 Cigarette lighter illumination(D)	I2-03 Ignition switch illumination(I)	P2-05 Seat heating switch (D)				
						
F1-01 Hazard warning lamp switch illumination (I)						
						

Harness mark:  (F)  (E)  (D)  (R)

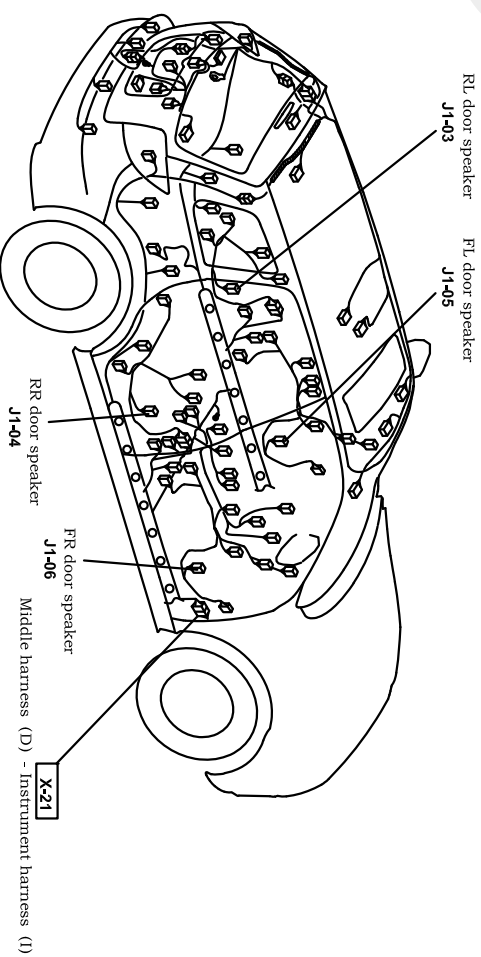
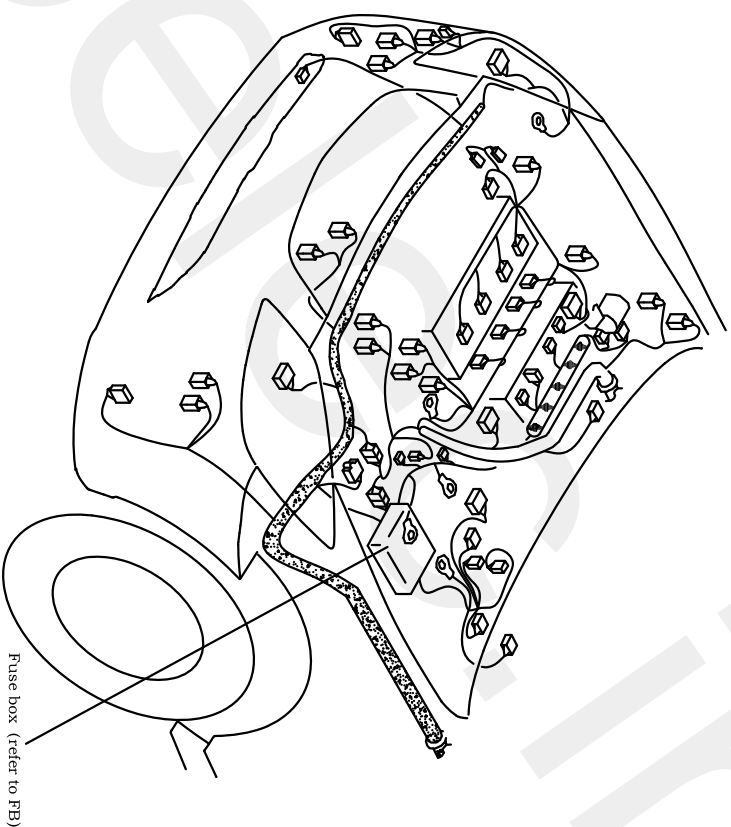
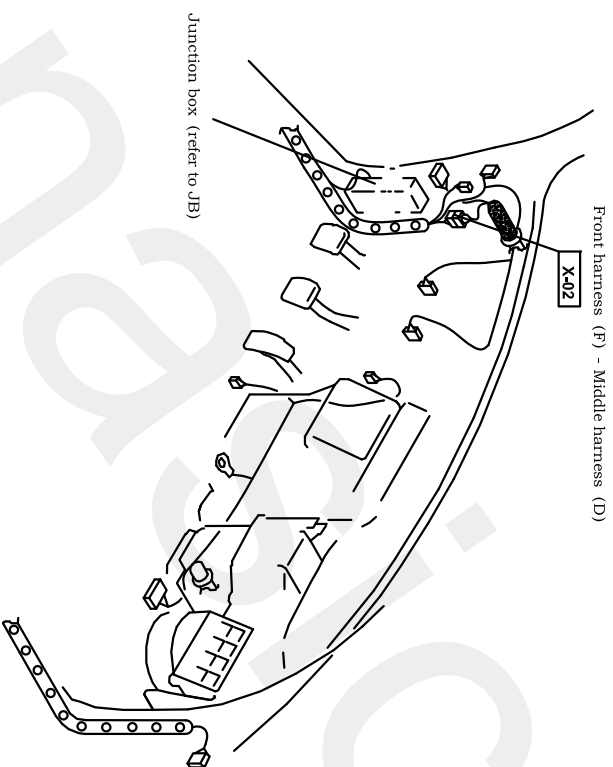
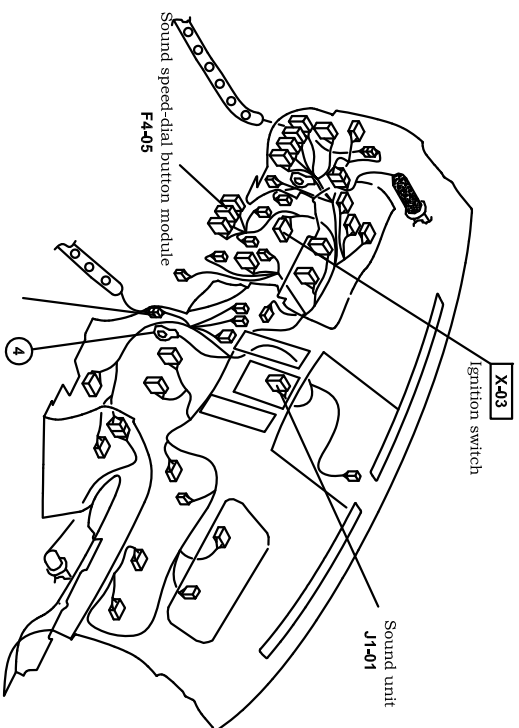






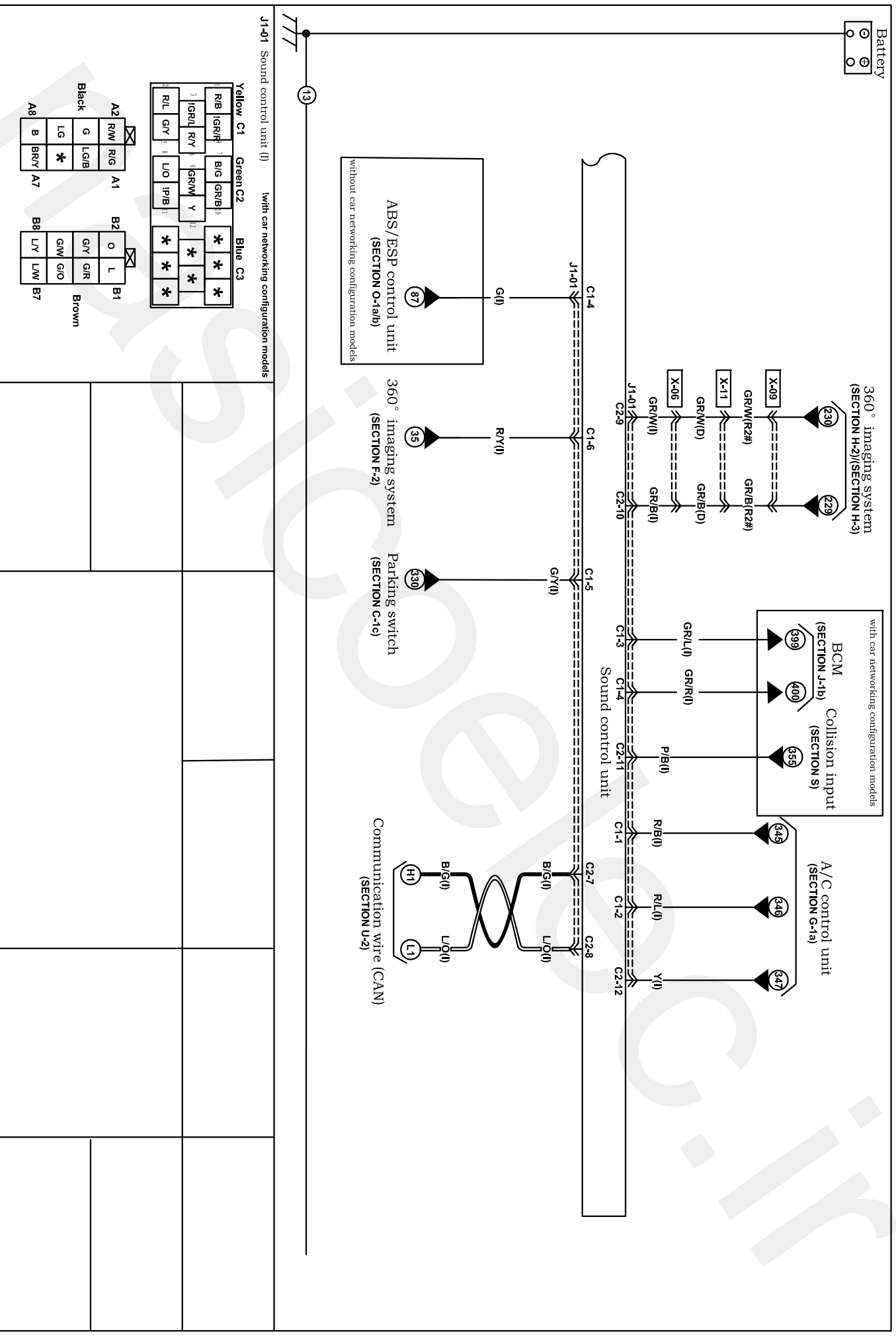
J1-01 Sound unit (I)																													
Yellow C1 Green C2 Blue C3 <table><tr><td>R/B</td><td>G</td><td>B/G</td><td>GR/B</td><td>*</td><td>*</td><td>*</td><td>*</td></tr><tr><td>*</td><td>R/Y</td><td>GR/W</td><td>Y</td><td>*</td><td>*</td><td>*</td><td>*</td></tr><tr><td>R/L</td><td>G/Y</td><td>L/O</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td></tr></table>		R/B	G	B/G	GR/B	*	*	*	*	*	R/Y	GR/W	Y	*	*	*	*	R/L	G/Y	L/O	*	*	*	*	*				
R/B	G	B/G	GR/B	*	*	*	*																						
*	R/Y	GR/W	Y	*	*	*	*																						
R/L	G/Y	L/O	*	*	*	*	*																						
A2 A1 B2 B1 <table><tr><td>R/W</td><td>R/G</td><td>O</td><td>L</td></tr><tr><td>G</td><td>L/G/B</td><td>G/Y</td><td>G/R</td></tr><tr><td>LG</td><td>*</td><td>G/W</td><td>G/O</td></tr><tr><td>*</td><td></td><td>L/V</td><td>L/W</td></tr></table> Black Brown		R/W	R/G	O	L	G	L/G/B	G/Y	G/R	LG	*	G/W	G/O	*		L/V	L/W												
R/W	R/G	O	L																										
G	L/G/B	G/Y	G/R																										
LG	*	G/W	G/O																										
*		L/V	L/W																										
A8 B B/R/Y A7 B8 L/V B7																													

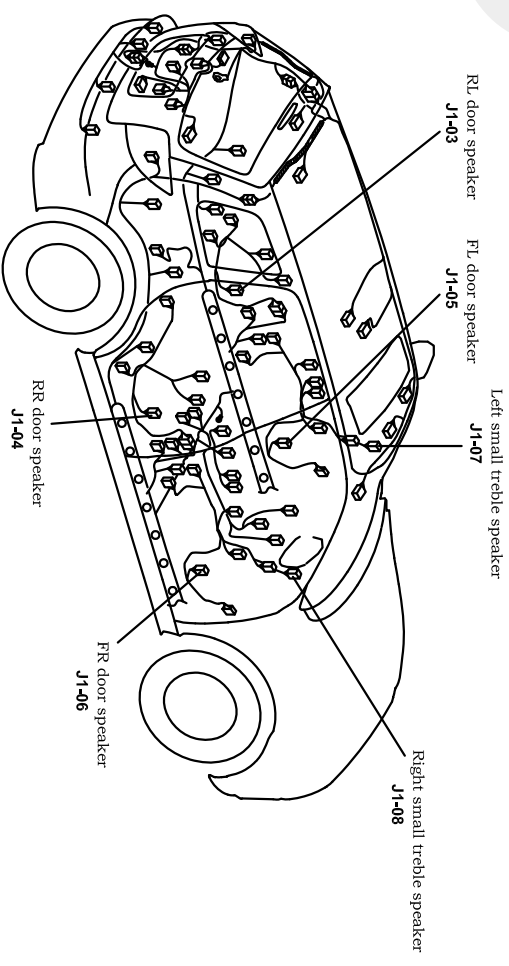
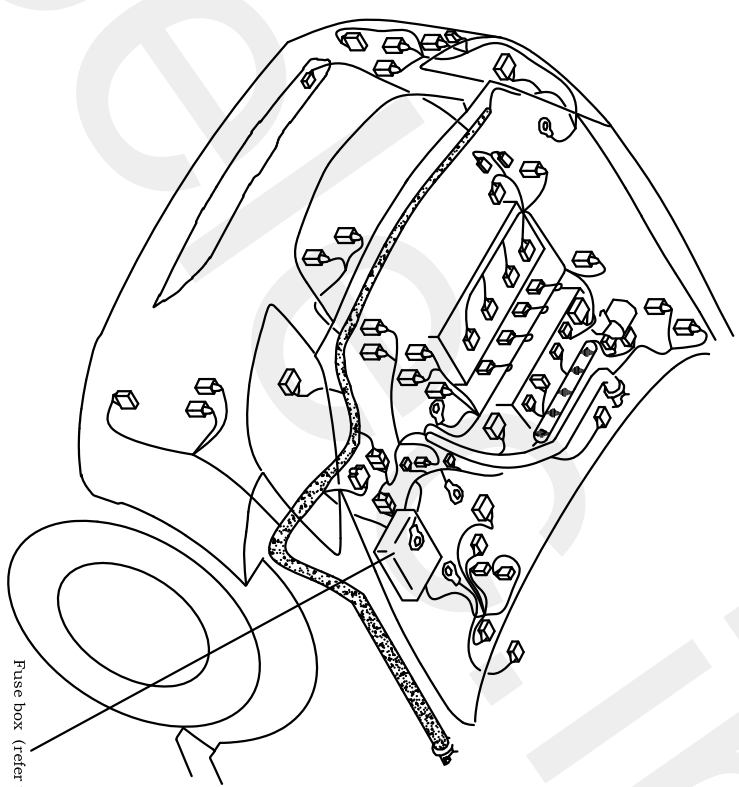
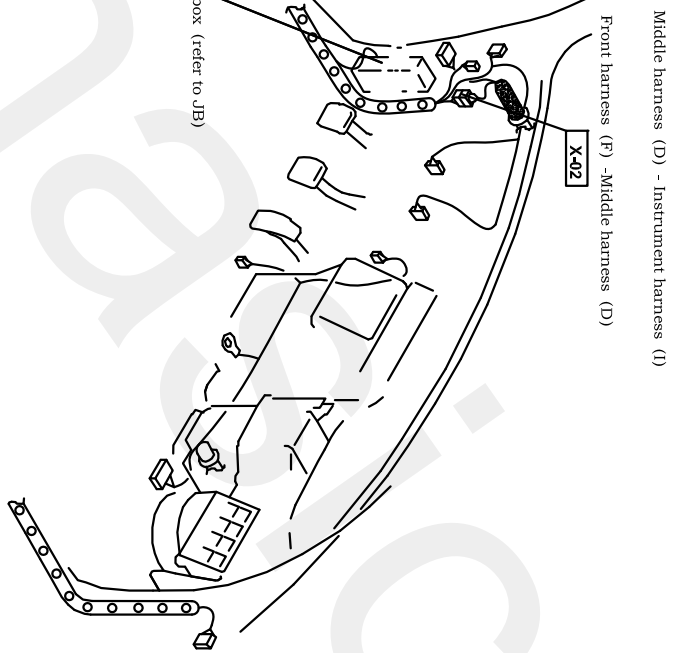
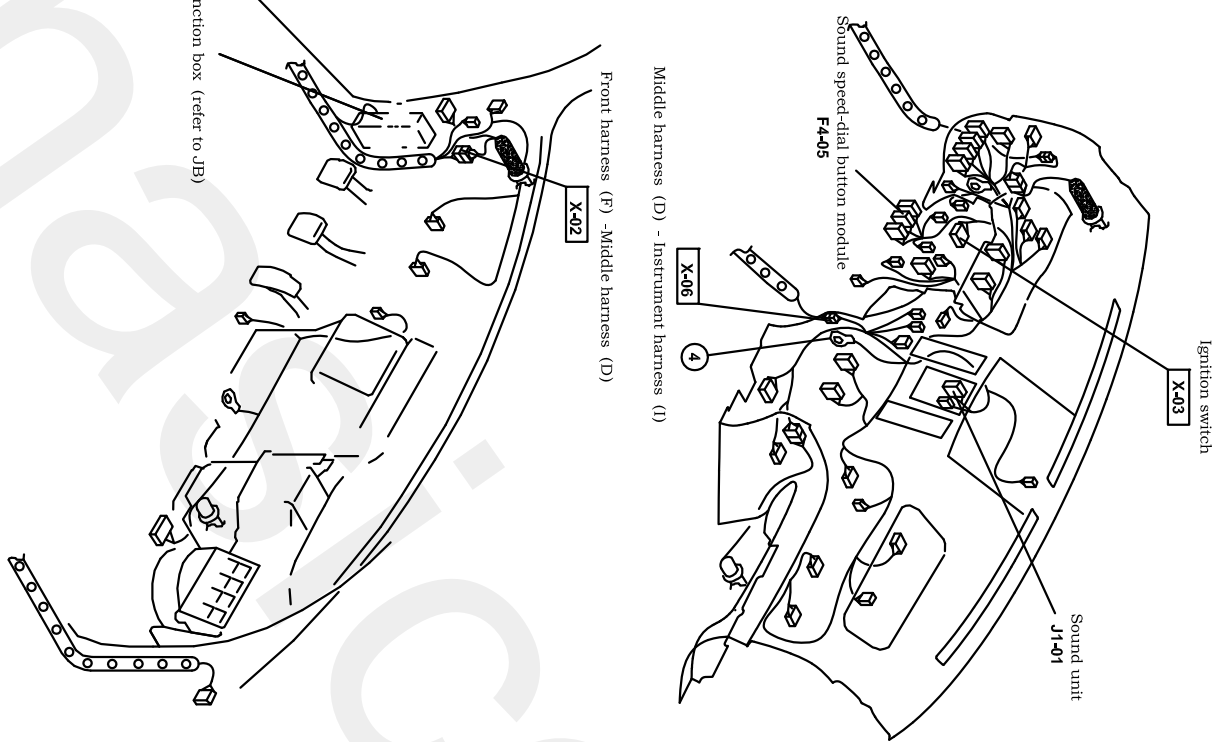
J1-03 RL door speaker (DR3)	J1-04 RR door speaker (DR4)	J1-05 FL door speaker (DR1)	J1-06 FR door speaker (DR2)		
L/V L/W	L/V L/W	G/W G/O	G/Y G/R		
F4-05 Sound speed-dial button module (I) [] with cruise					
</					



Sound system

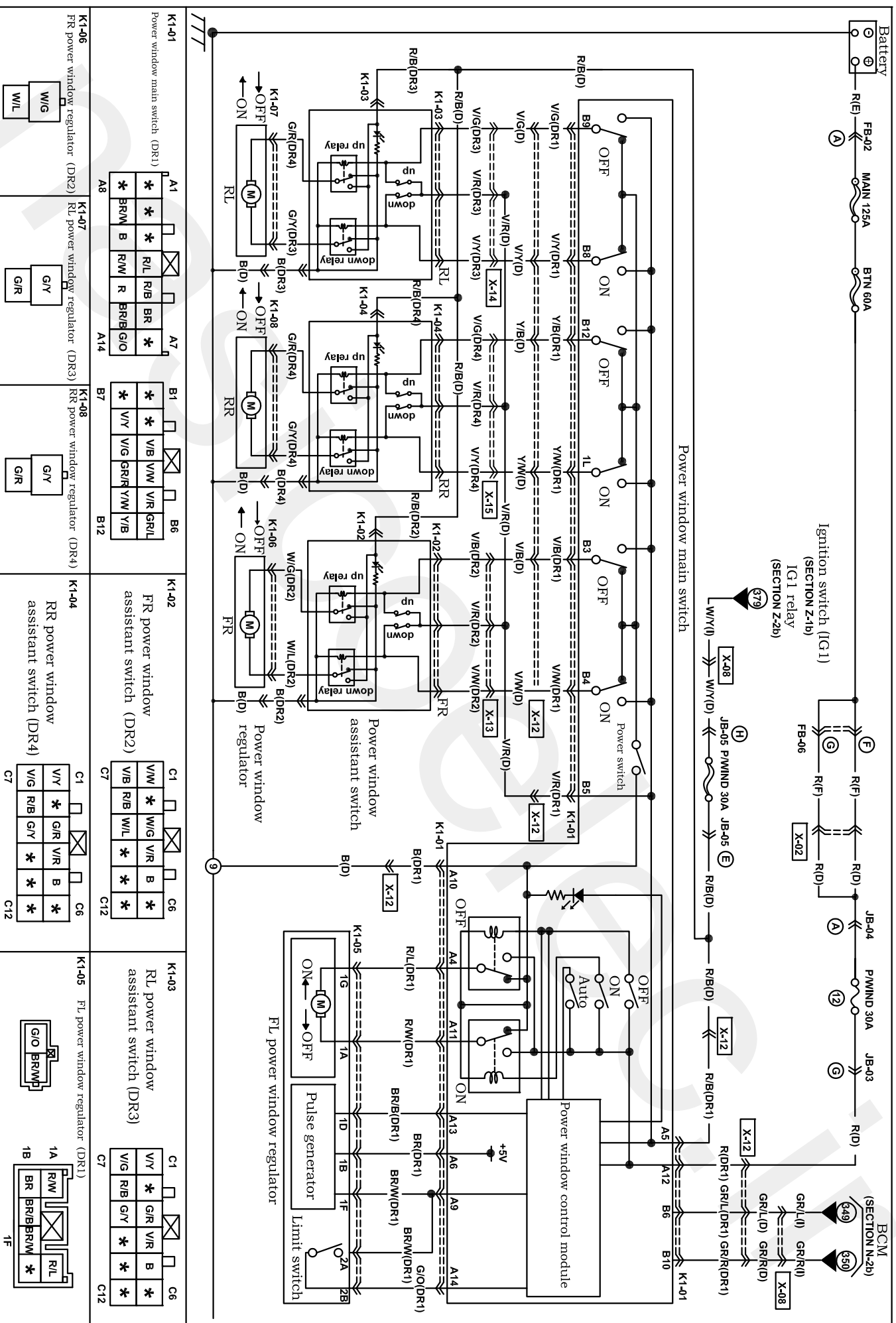
J-1b





Power window system

K-1



(F)



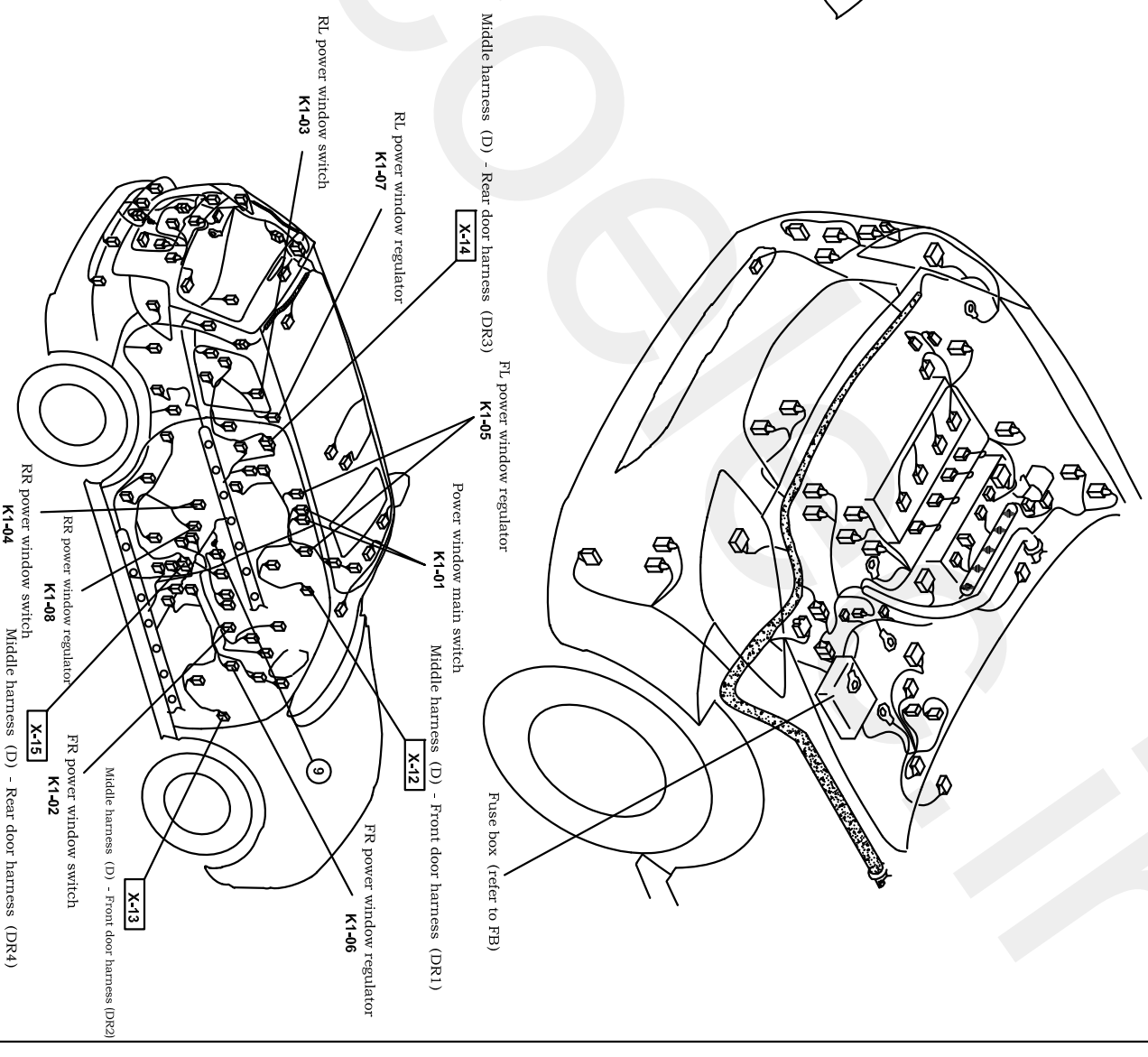
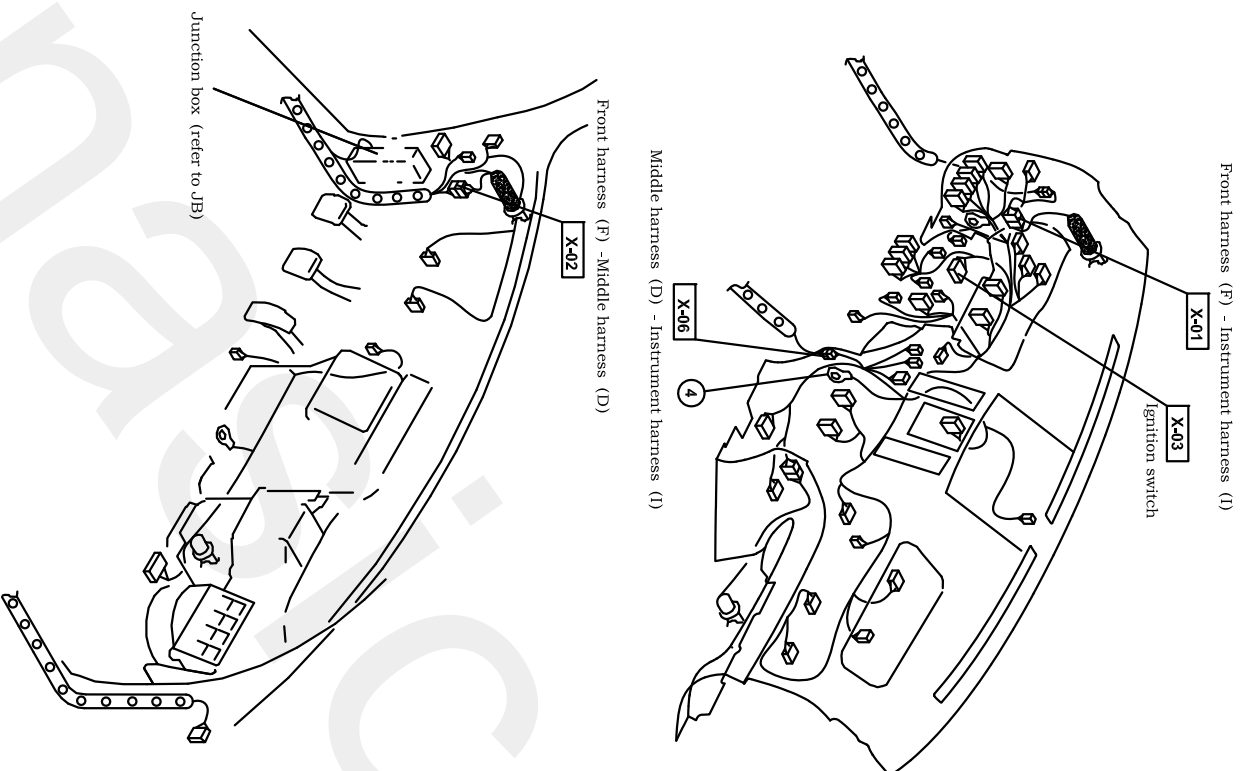
(E)

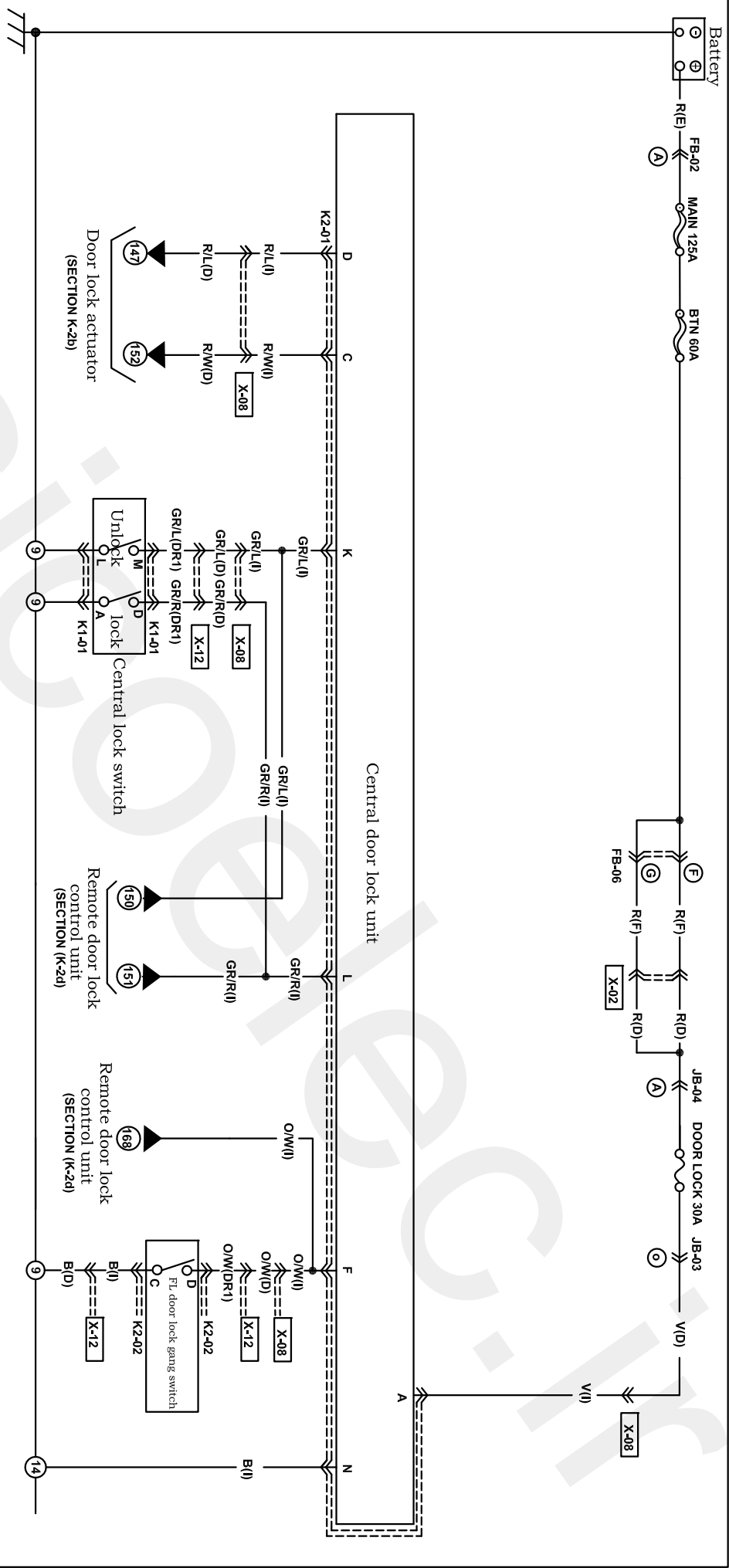


(D)



(R)





K2-01 Central door lock unit (D)

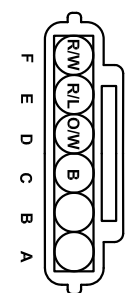
K1-01 Power window main switch (DR1)

K2-02 FL door lock actuator (DR1)

M	*	GR/L	*	OW	R/W	V	A
B	GR/R	*	OW	R/L	*	B	

A1	*	BR/W	B	R/W	R	BR/B	G/O	A14
A8	*	BR/W	B	R/W	R	BR/B	G/O	A14

B1	*	V/B	V/W	V/R	GR/L	B6
B7	*	V/V	V/G	GR/R	V/W	V/B

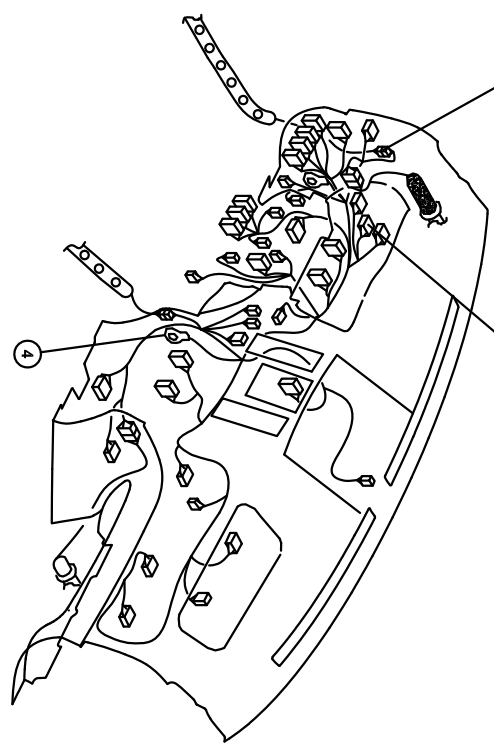


Harness mark:  (F)  (E)  (D)  (R)

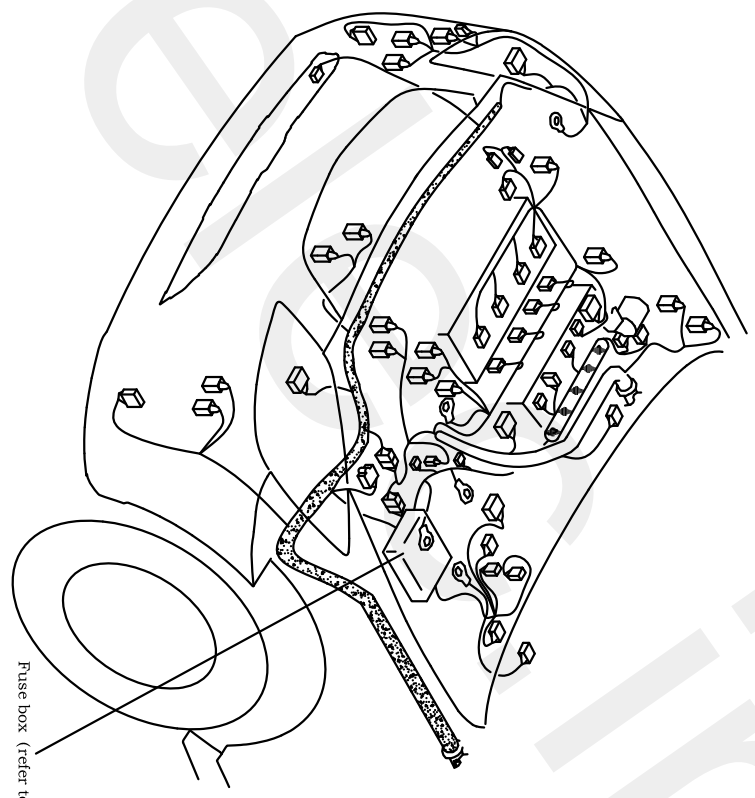
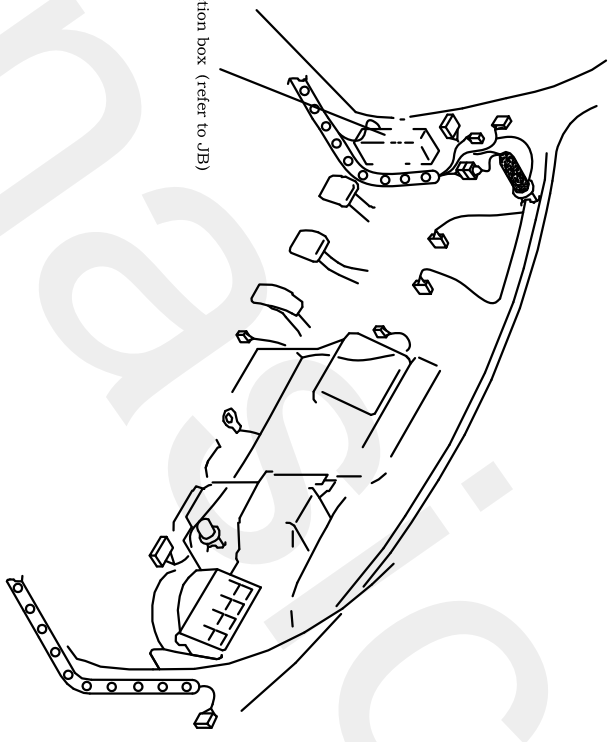
Middle harness (D) - Instrument harness (I)

X-08

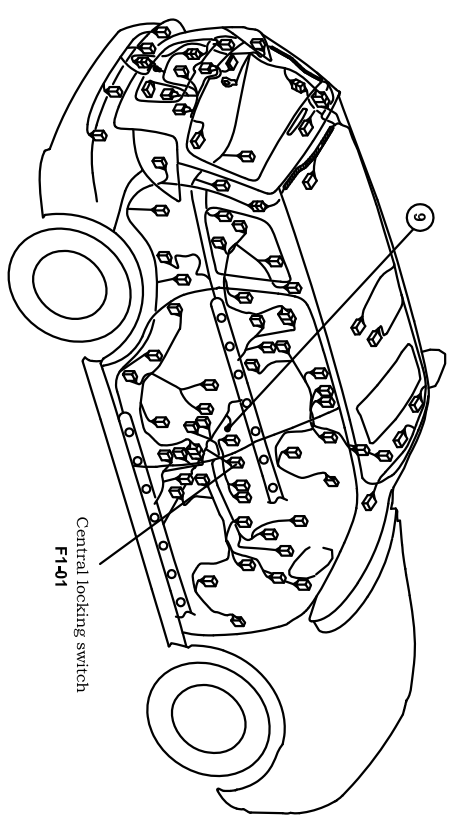
Central door lock unit
K2-01



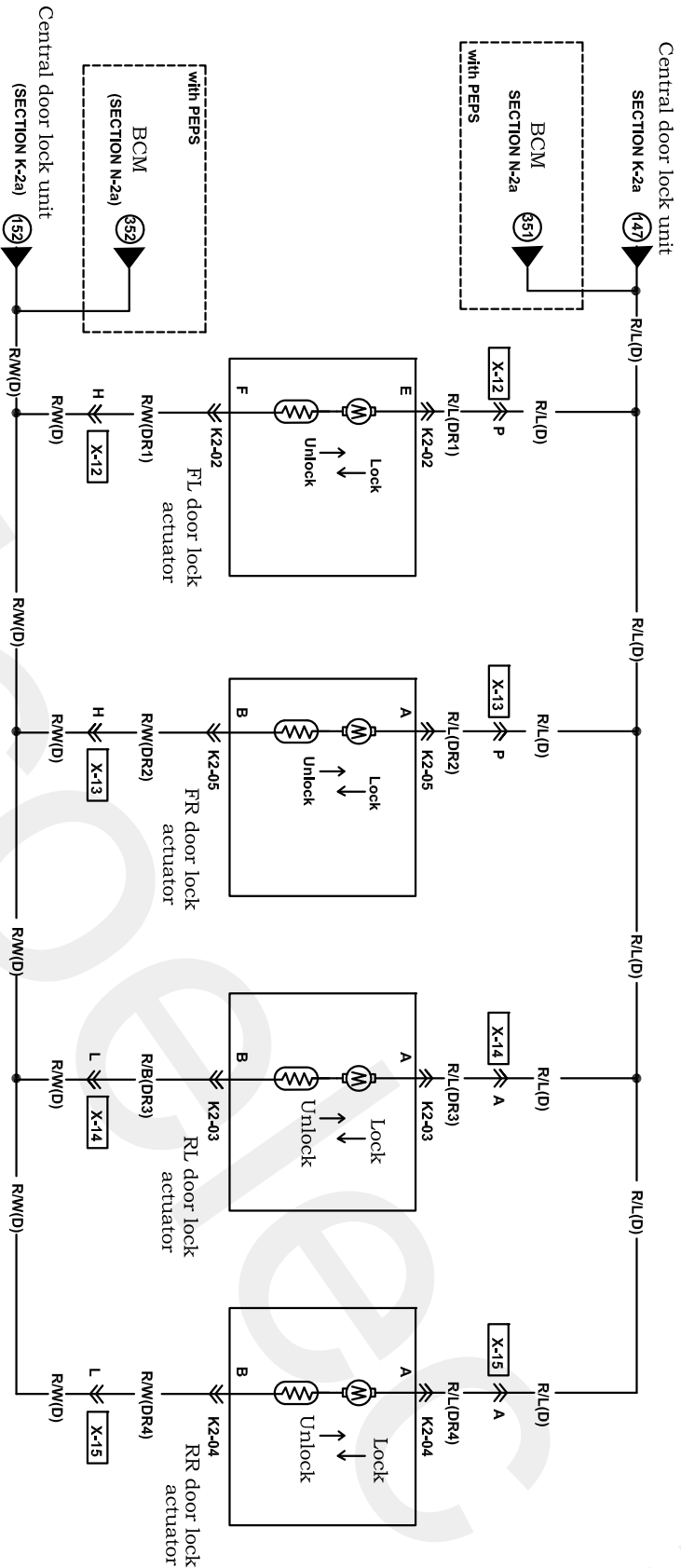
Junction box (refer to JB)



Fuse box (refer to FB)

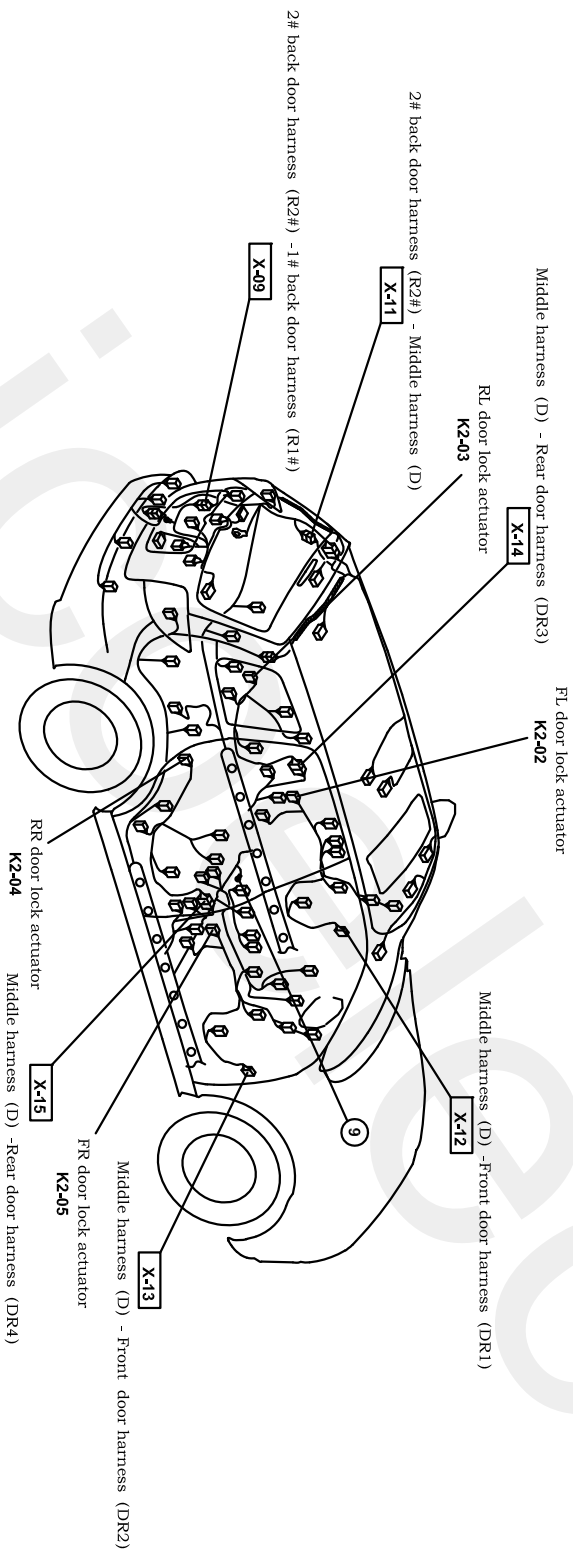


Central locking switch
F1-01



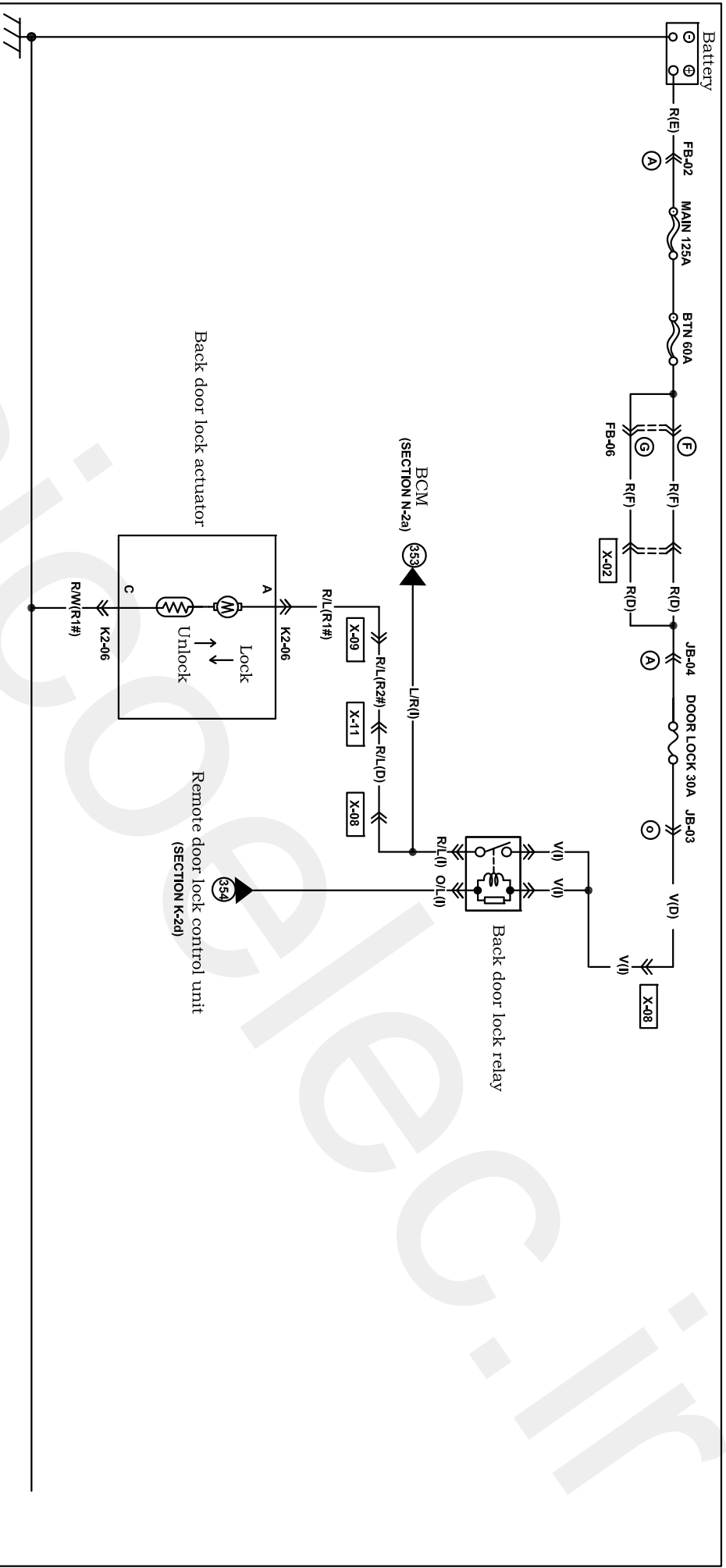
K2-02 FL door lock actuator (DR1)		K2-04 RR door lock actuator (DR4)	
K2-03 RL door lock actuator (DR3)		K2-05 FR door lock actuator (DR2)	
		\$ with PEPS	

Harness mark:  (F)  (E)  (D)  (R)



Remote and central door lock system

K-2C

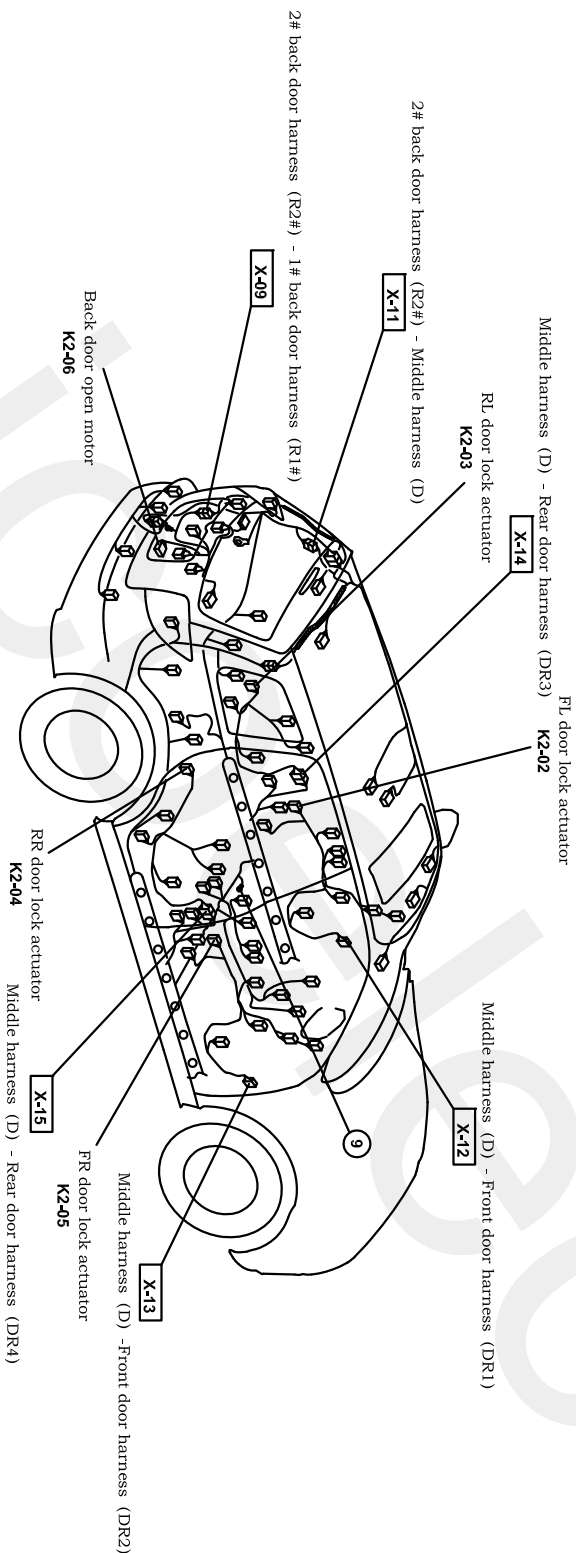


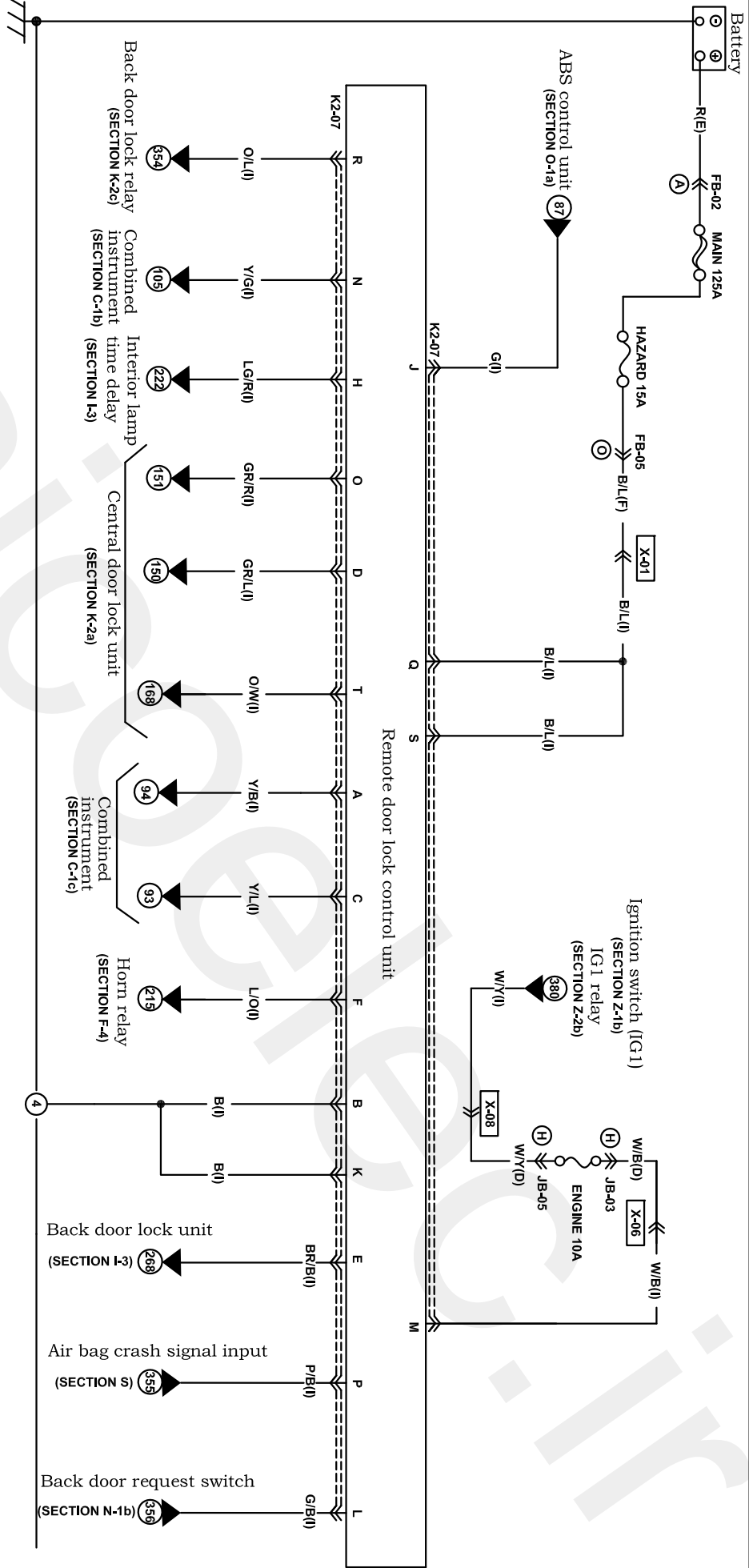
K2-06 Back door open motor (R1#)

	E	D	C	B	A
	*	*	L/R	*	B

[illegible]

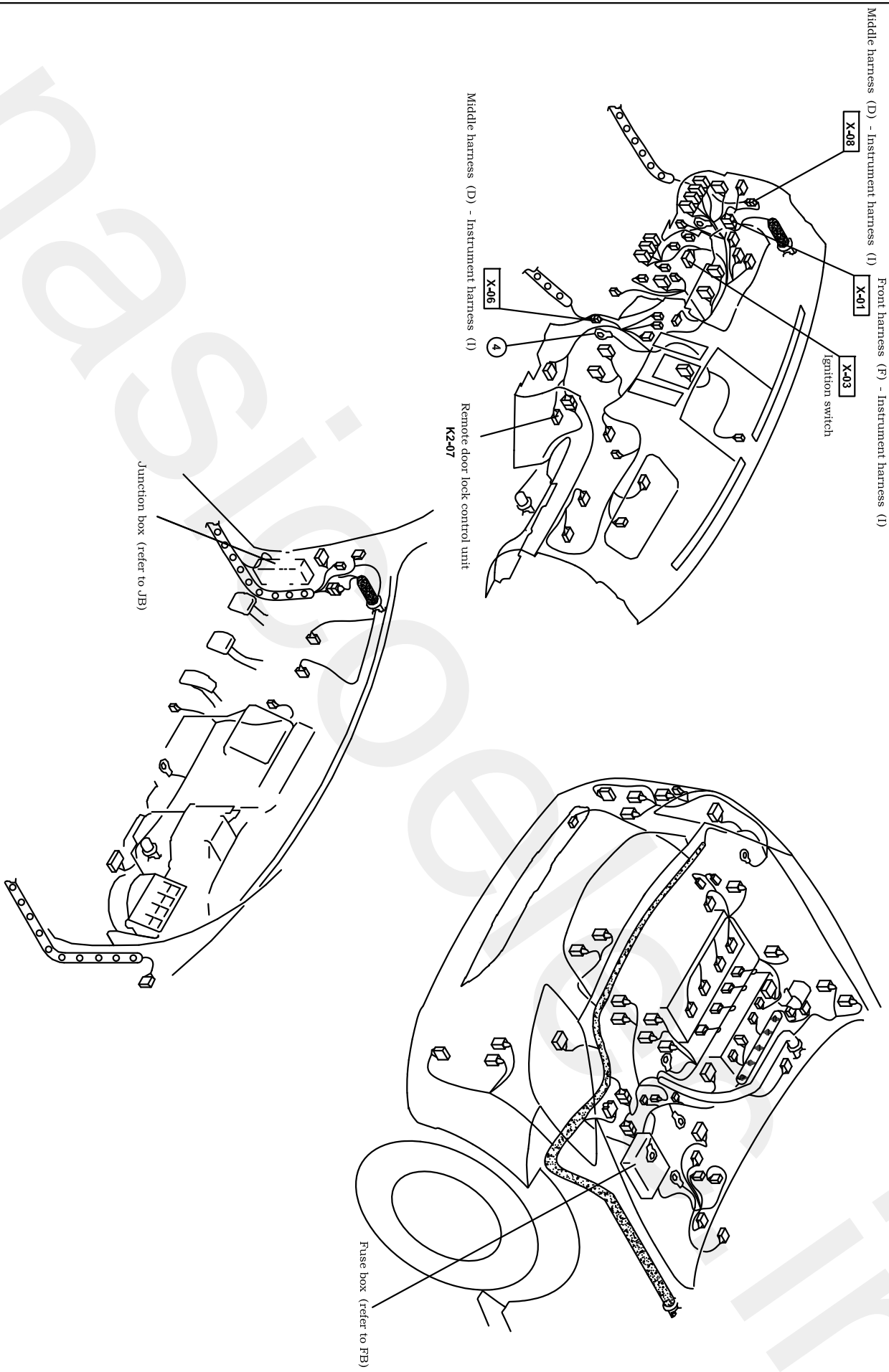
Harness mark:  (F)  (E)  (D)  (R)



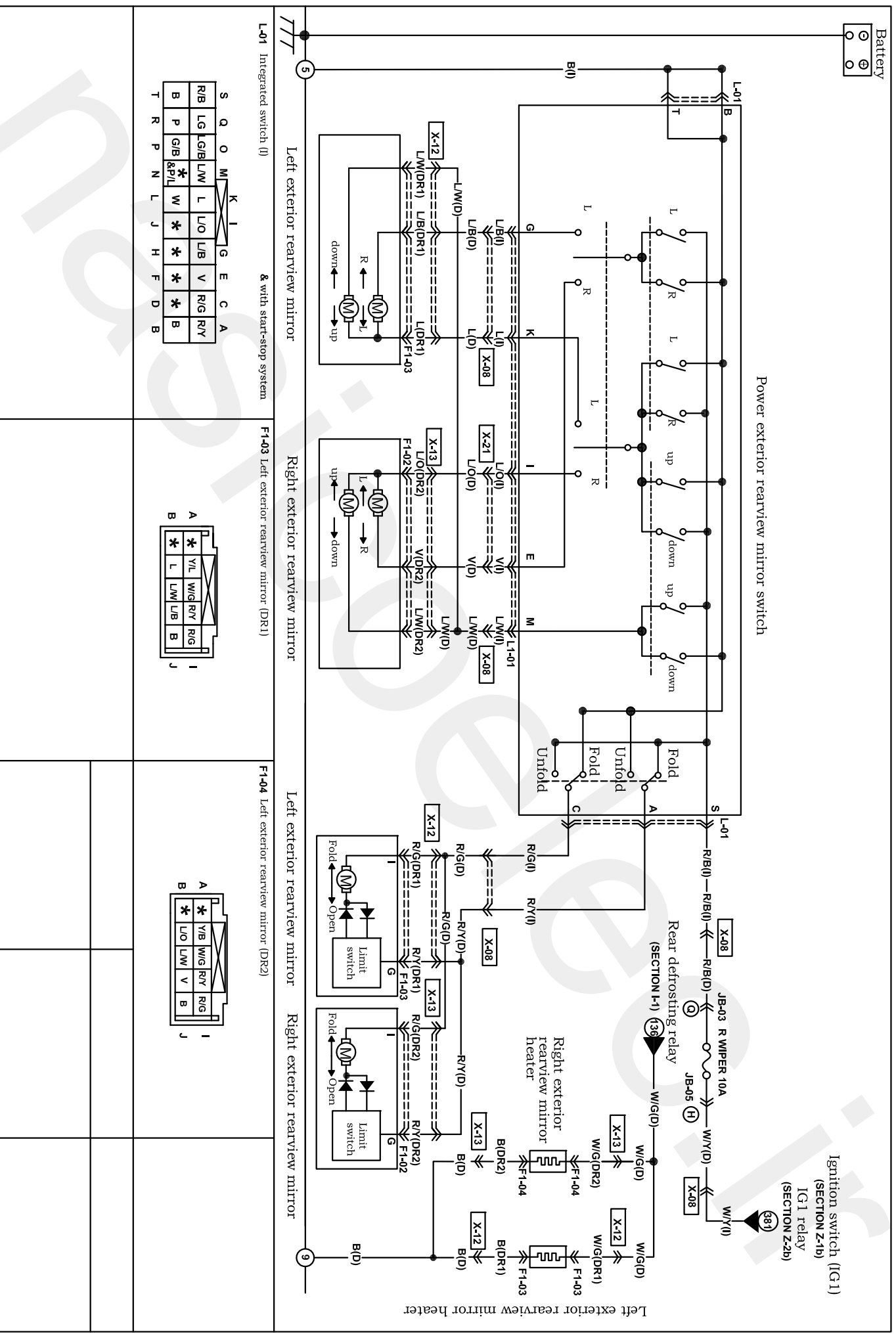


K2-07 Remote door lock control unit (I)

Harness mark:  (F)  (E)  (D)  (R)



Exterior rearview mirror heater / Power exterior rearview mirror



Harness mark:  (F)  (E)  (D)  (R)

Front harness (F) - Instrument harness (I)

Middle harness (D) - Instrument harness (I)

X-08

X-01

X-03

Ignition switch

Integrated switch

L1-01

5

X-06

Middle harness (D) - Instrument harness (I)

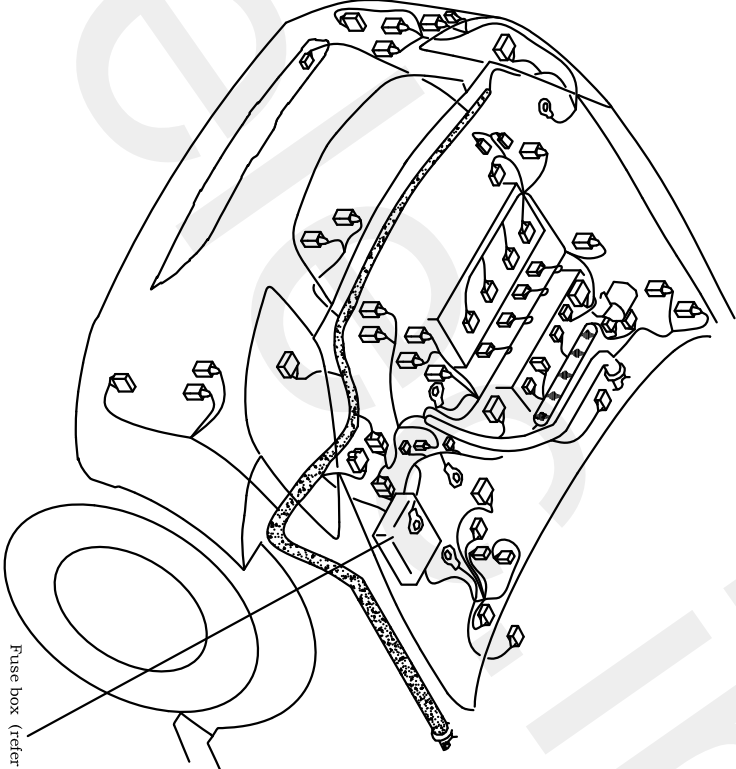
X-019

Middle harness (D) - Instrument harness (I)

X-020

Middle harness (D) - Instrument harness (I)

Junction box (refer to JB)



Fuse box (refer to FB)

Left exterior rearview mirror
F1-03
Middle harness (D) - Front door harness (DR1)

X-12

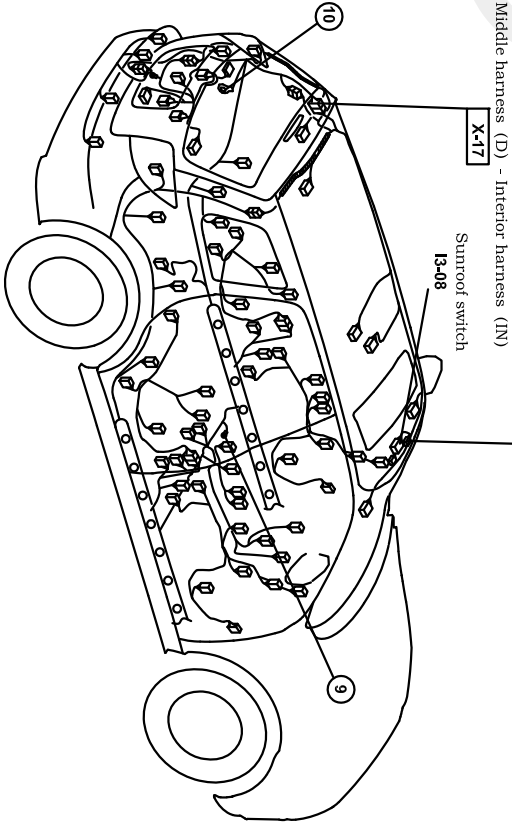
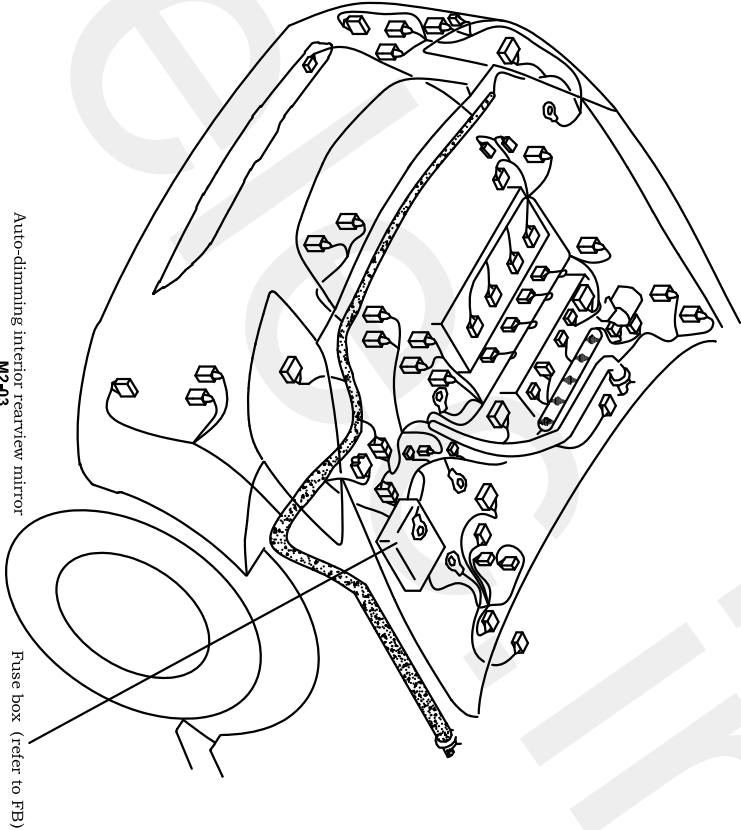
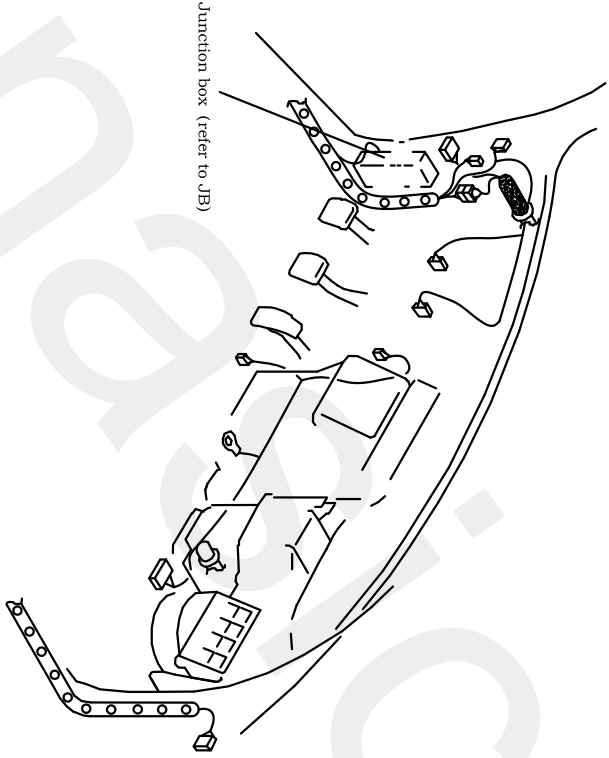
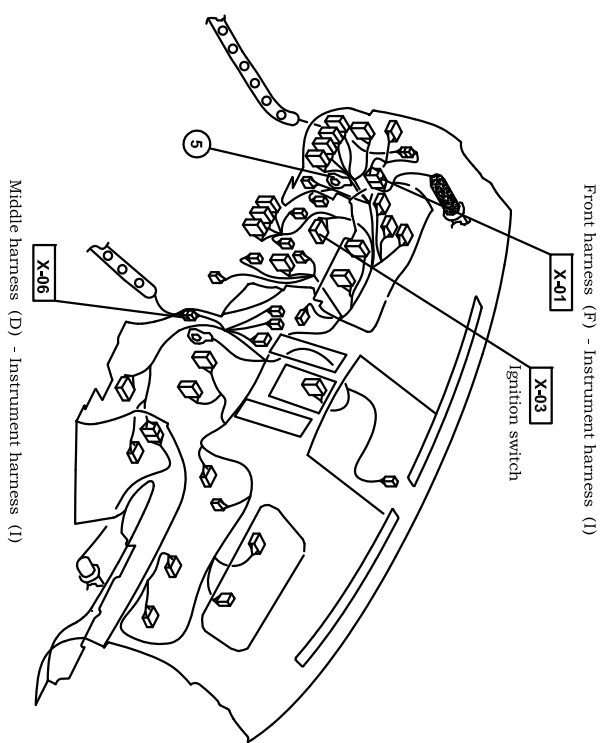
Right exterior rearview mirror
F1-04

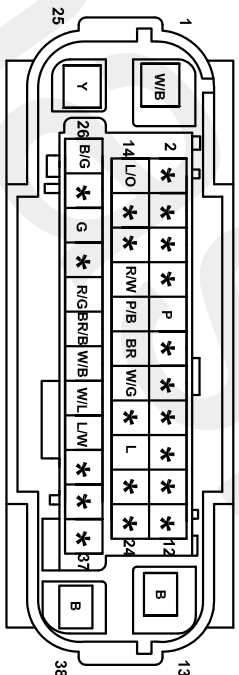
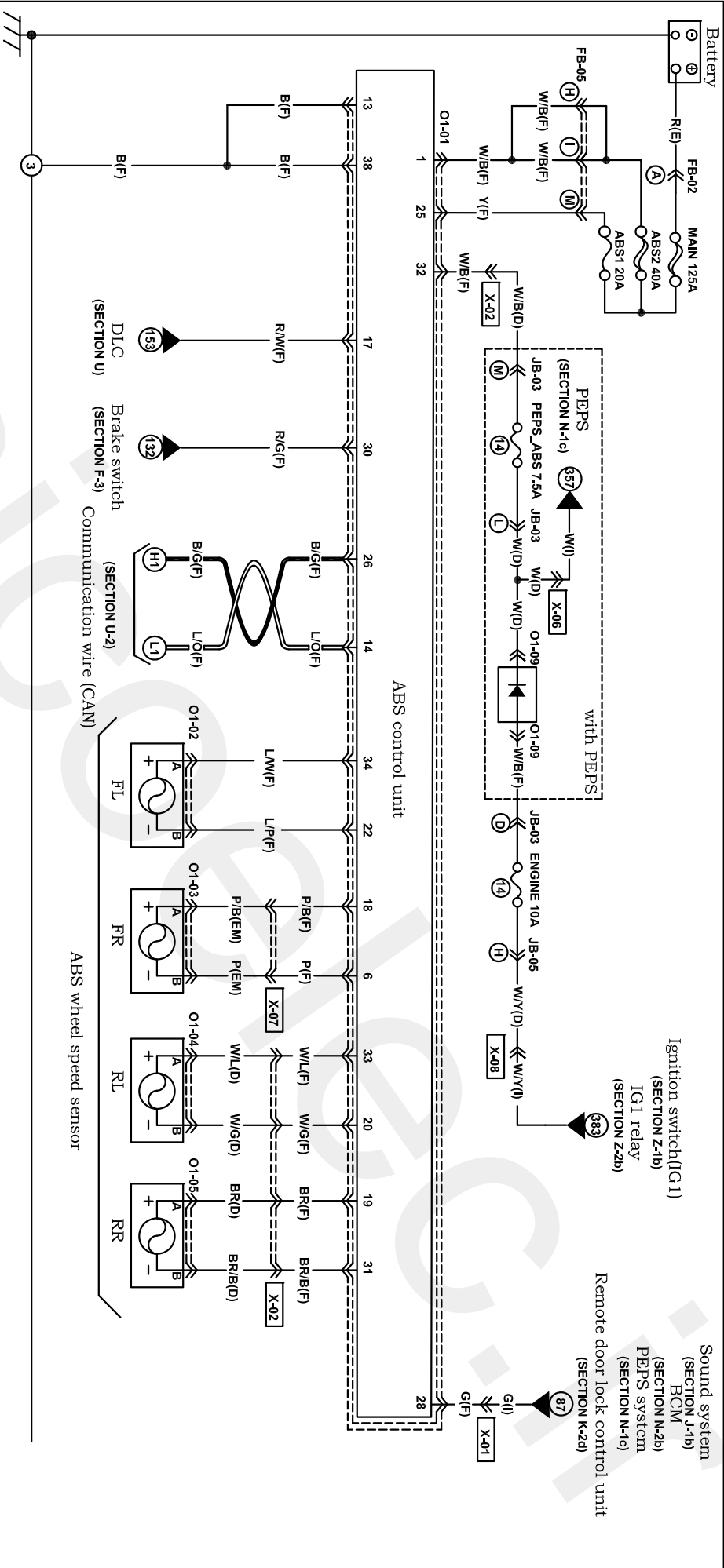
X-13

Middle harness (D) - Front door harness (DR2)

X-21

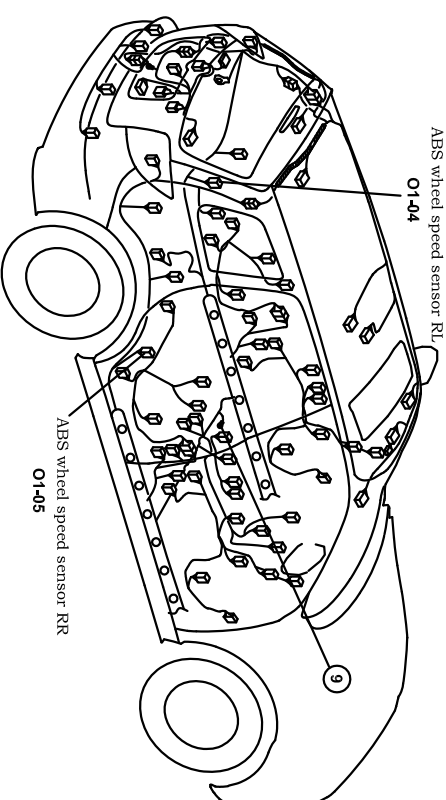
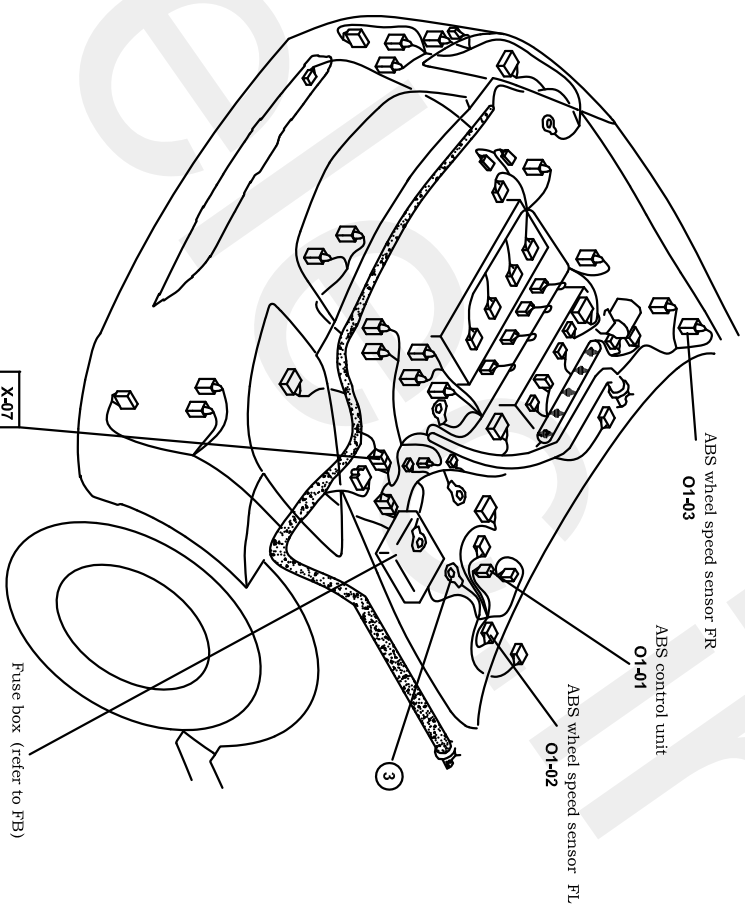
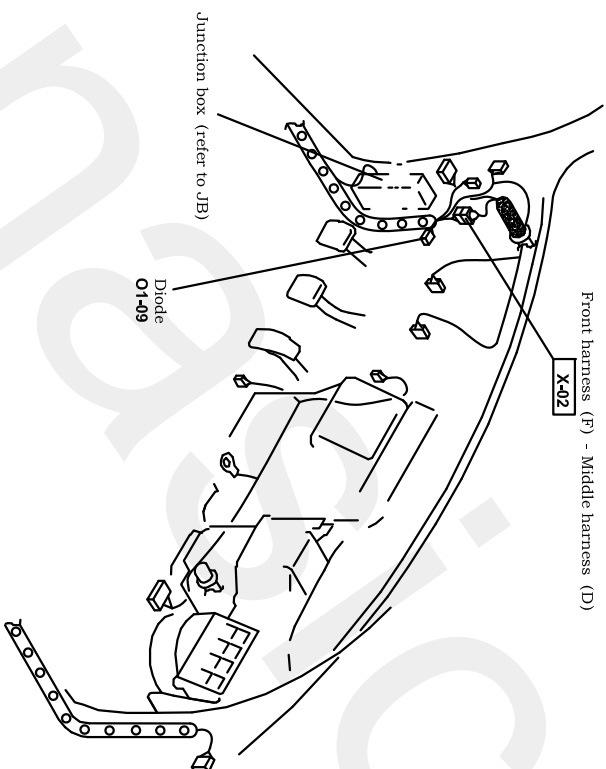
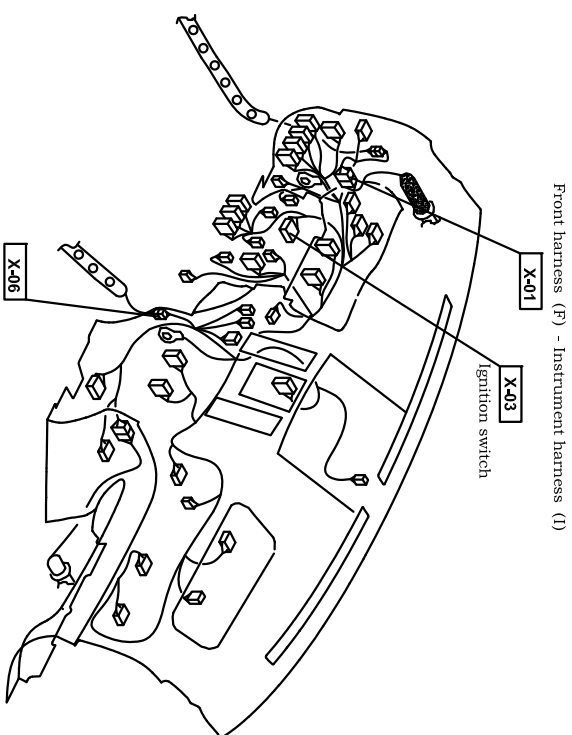
Middle harness (D) - Instrument harness (I)

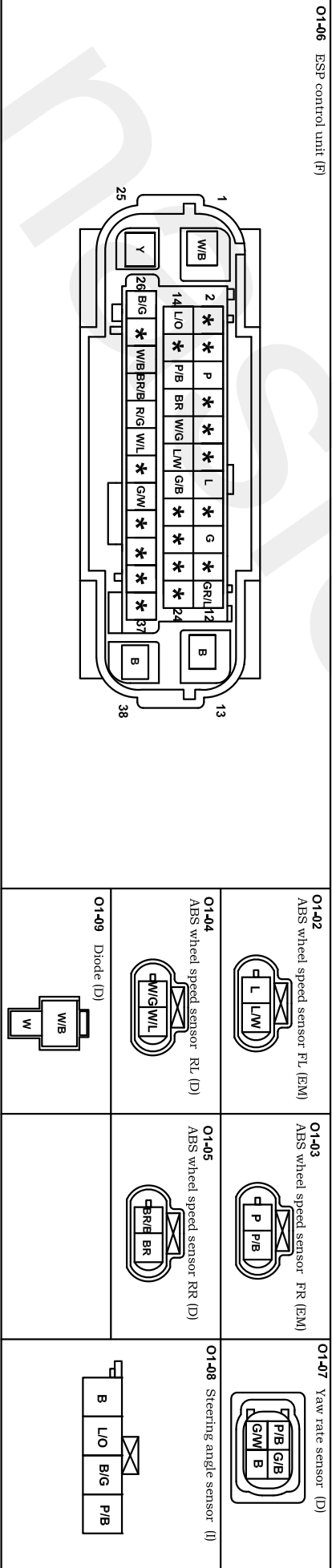
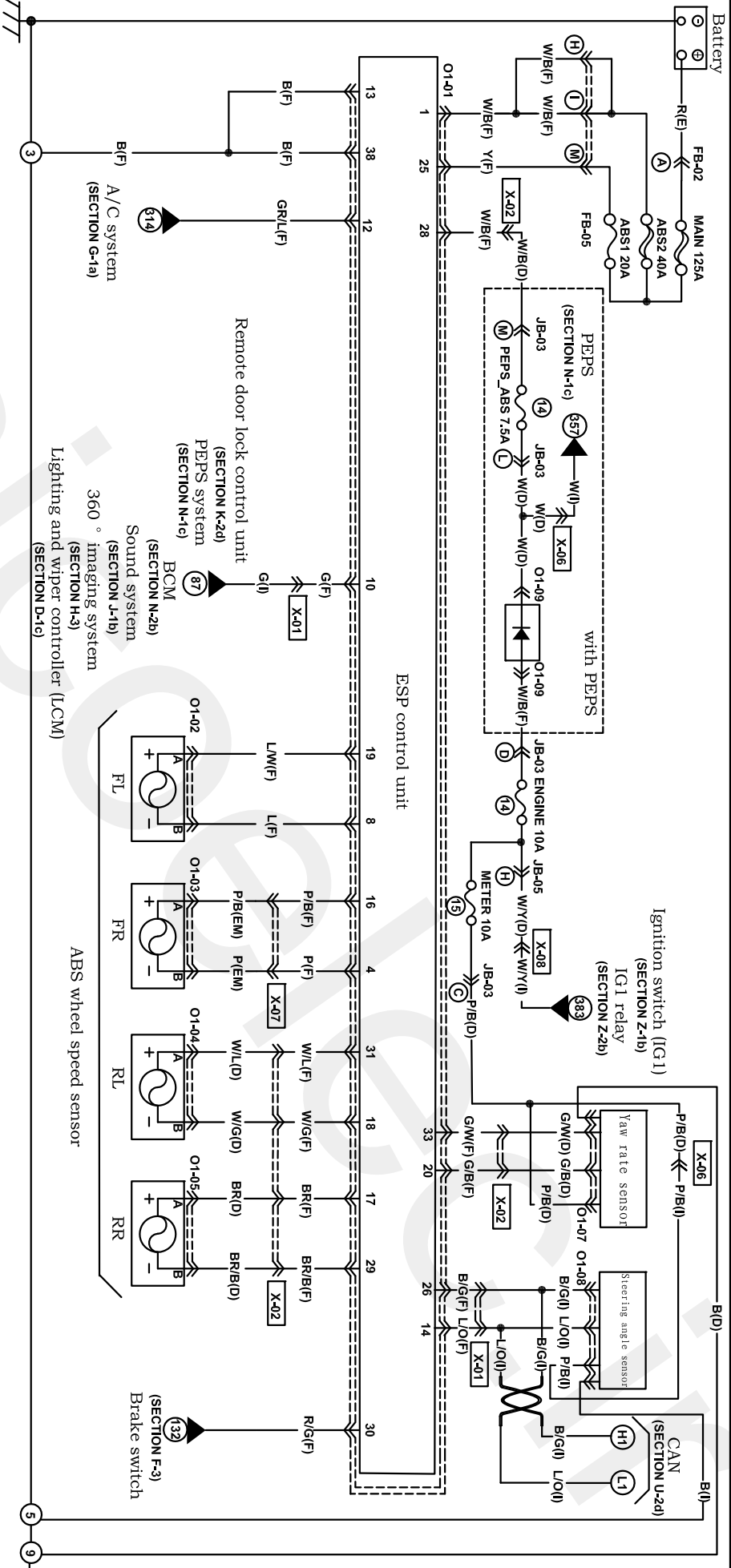


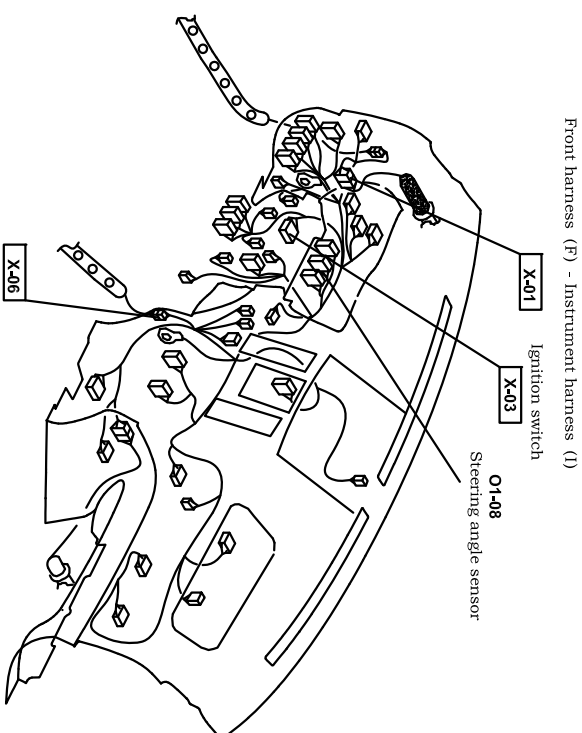


O1-01 ABS control unit (F)			
	O1-02	ABS wheel speed sensor FL (EM)	
	O1-03	ABS wheel speed sensor FR (EM)	
	O1-04	ABS wheel speed sensor RL (D)	
	O1-05	ABS wheel speed sensor RR (D)	
	O1-09	Diode (D)	

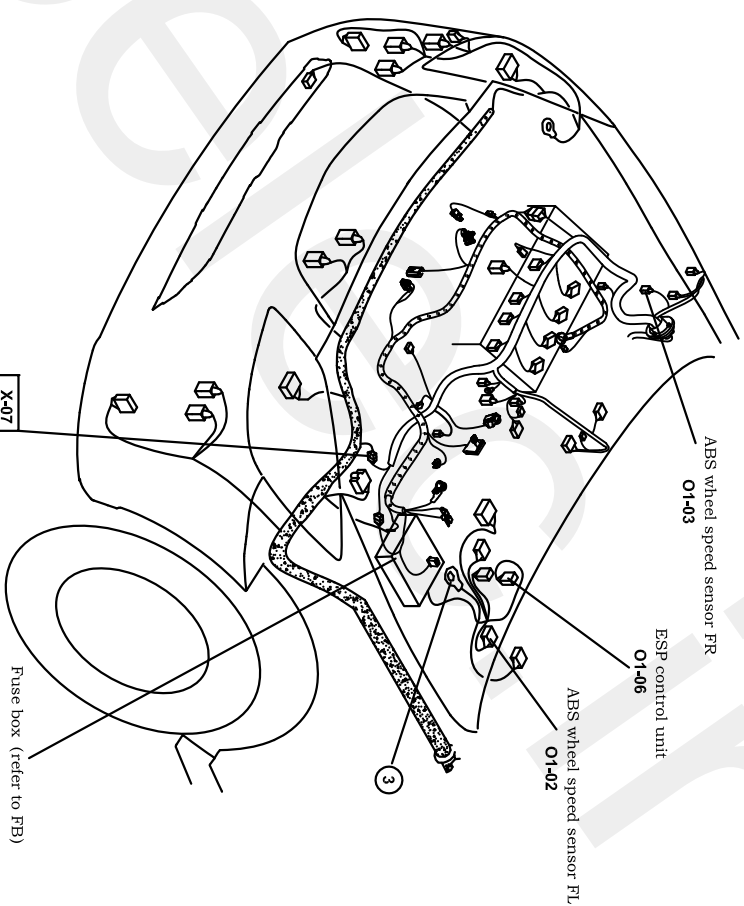
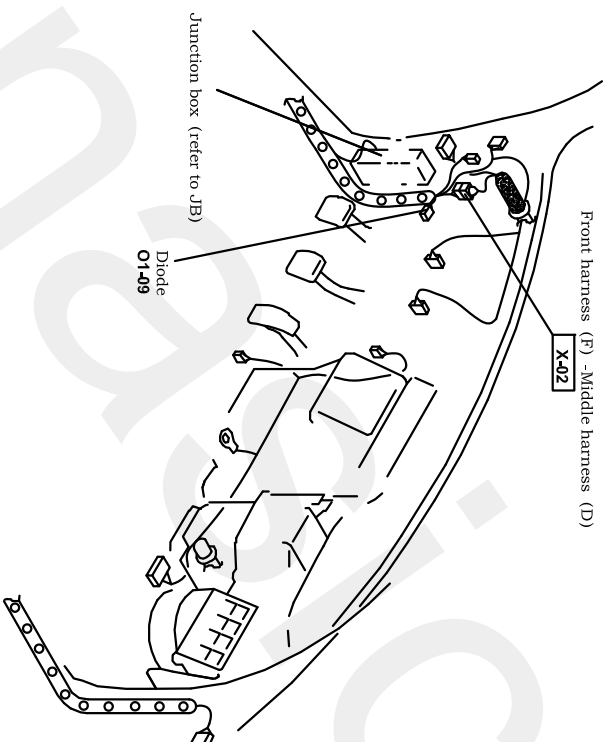
Harness mark:  (F)  (E)  (D)  (R)



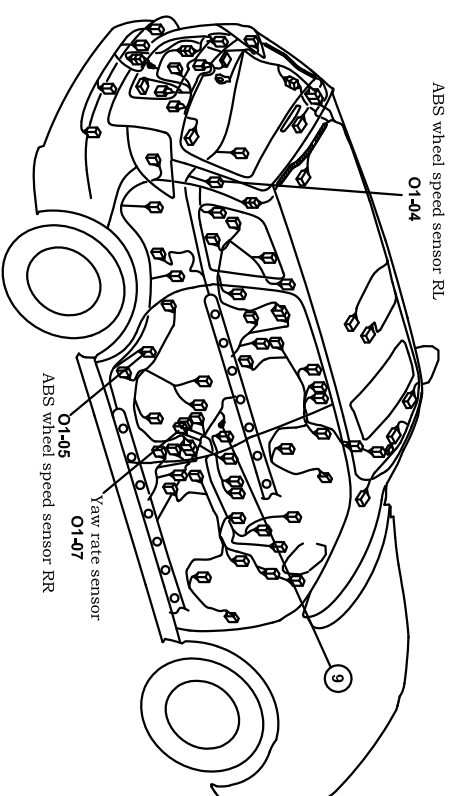


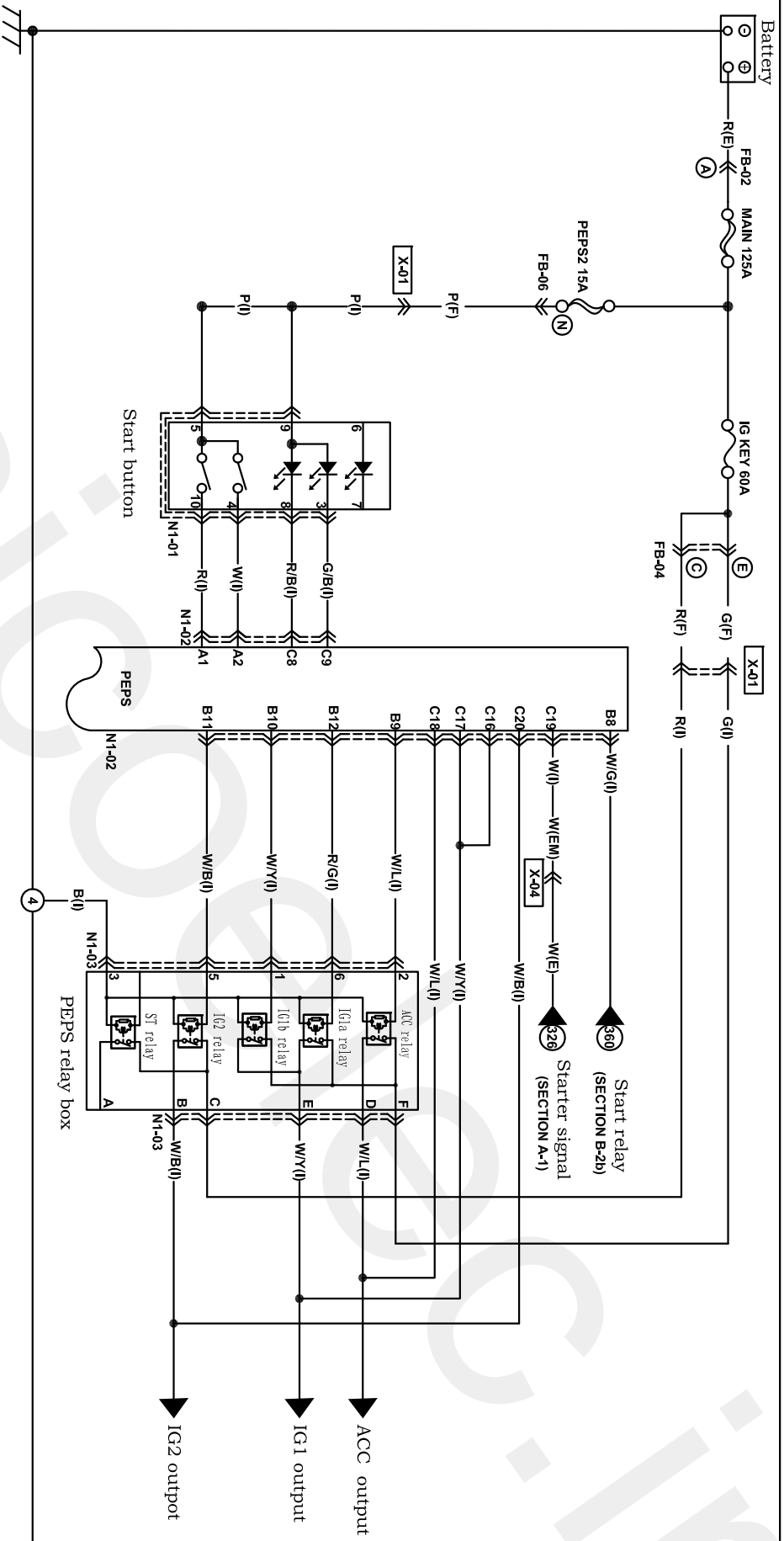


Middle harness (D) - Instrument harness (I)

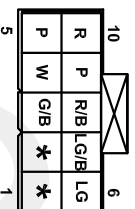


EM harness (EM) - Front harness (F)

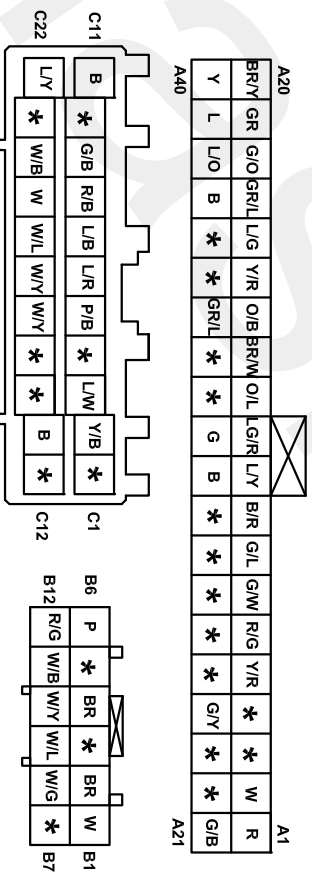




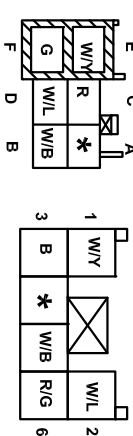
N1-01 Start button (I)



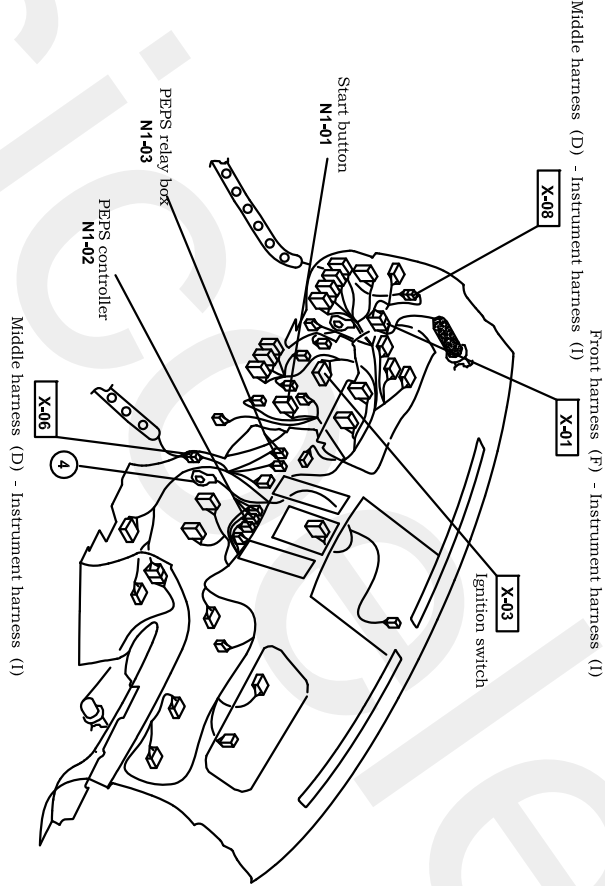
N1-02 PEPS controller (I)



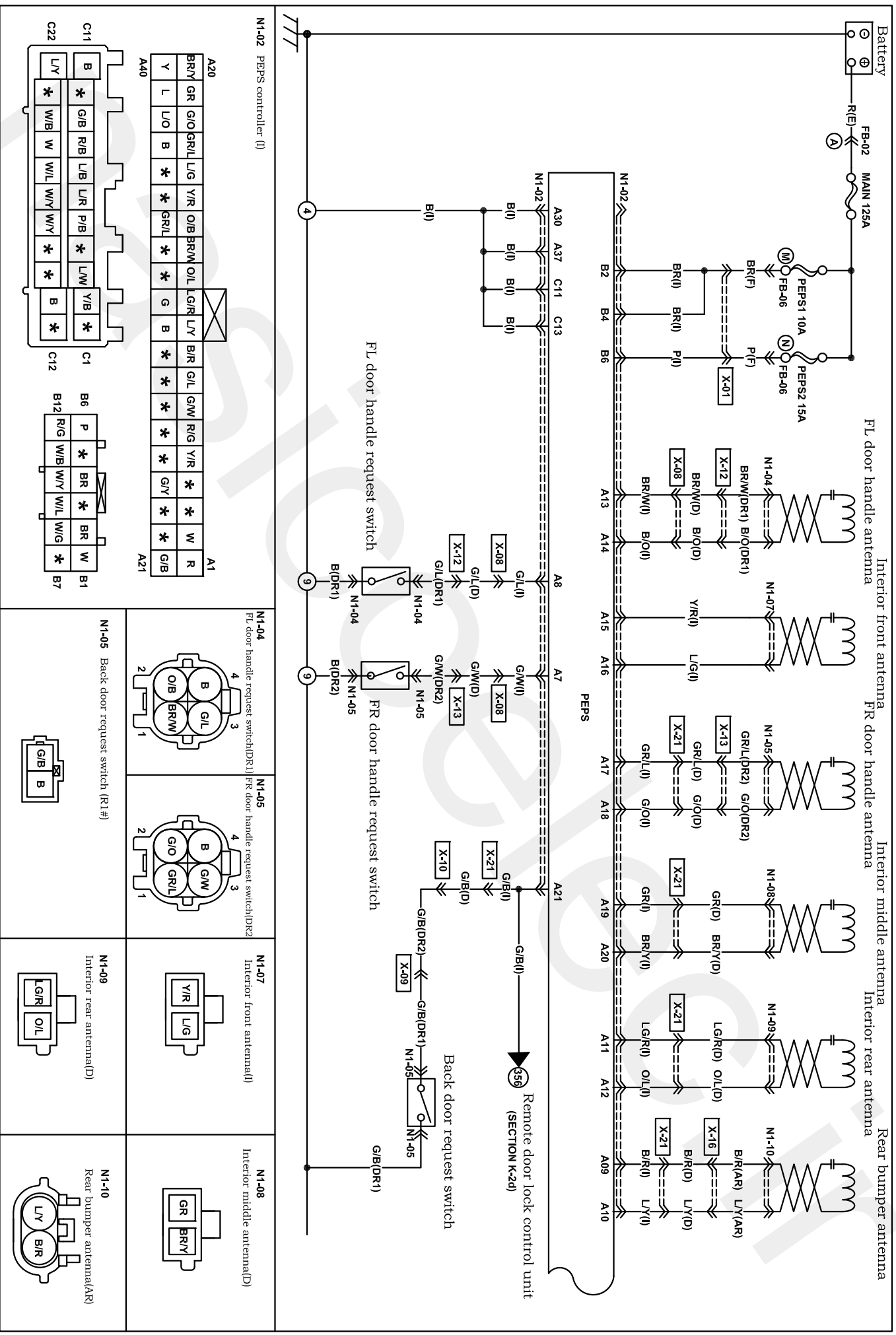
N1-03 PEPS relay box (I)

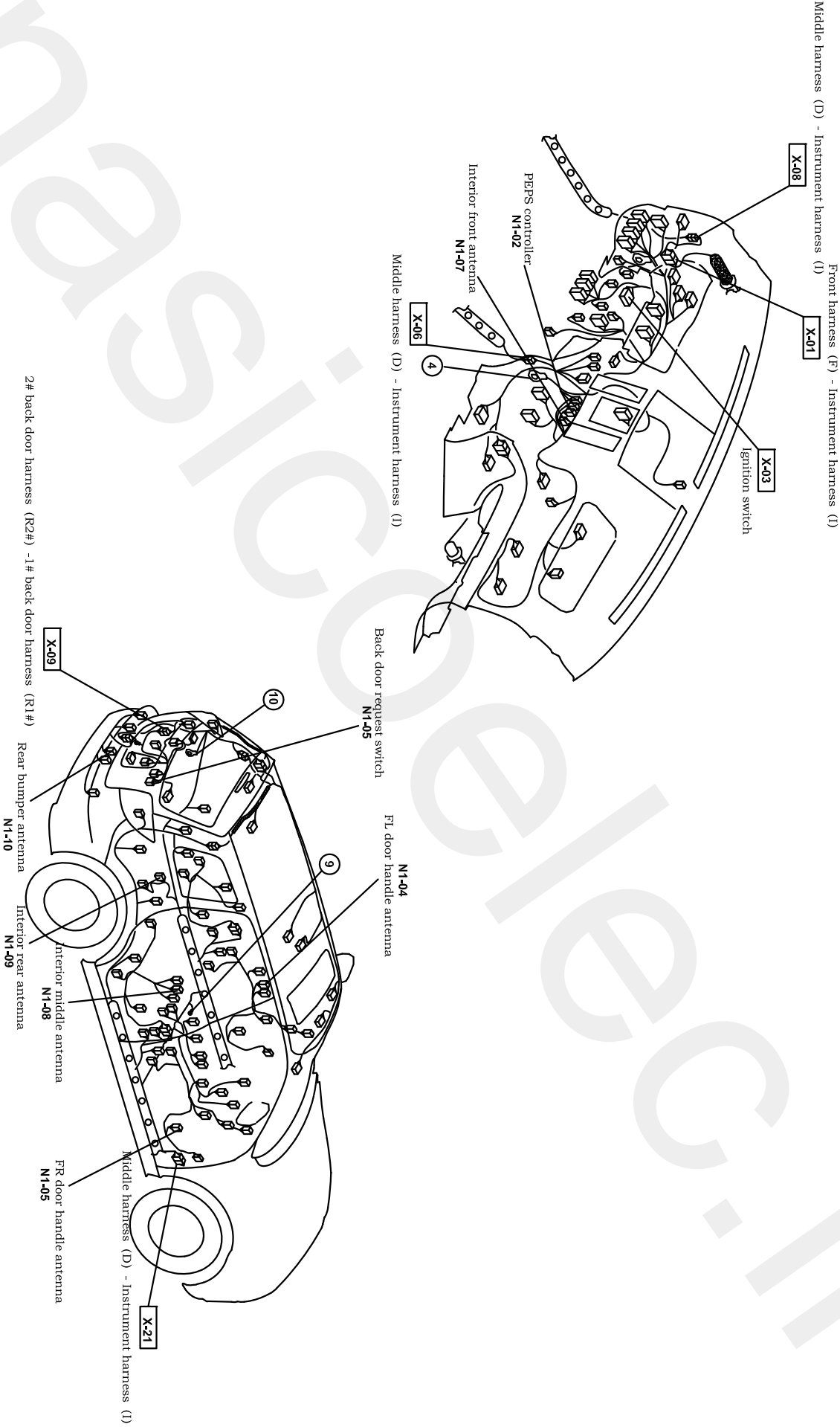


Harness mark:  (F)  (E)  (D)  (R)



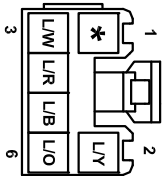
N-1b



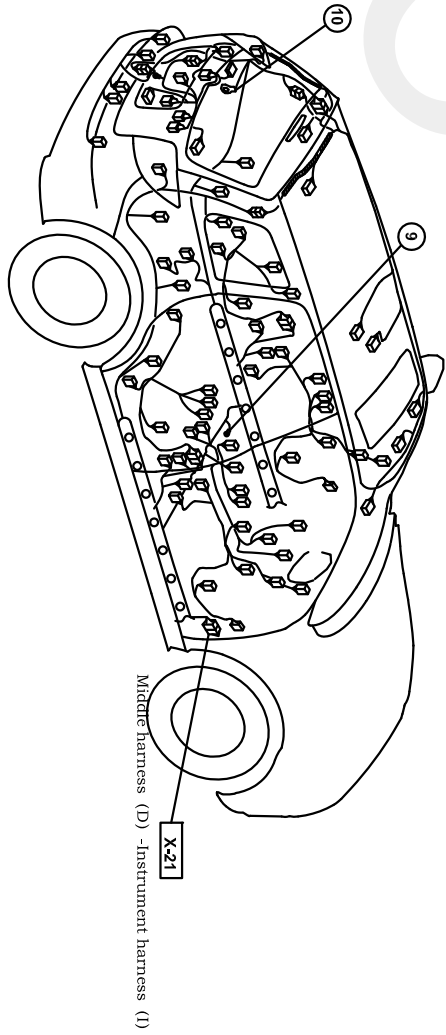
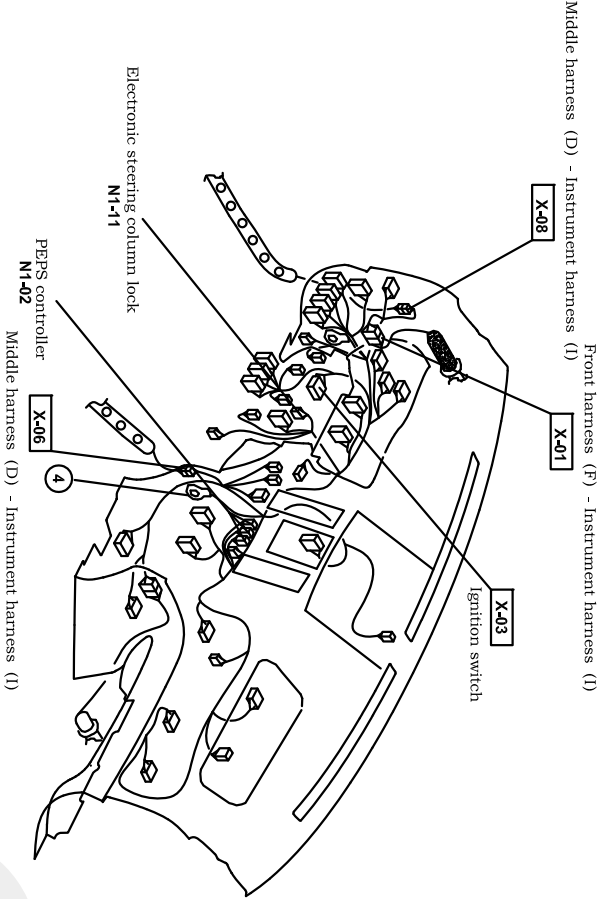


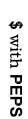
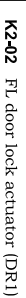


N1-11
Electronic steering column lock (I)

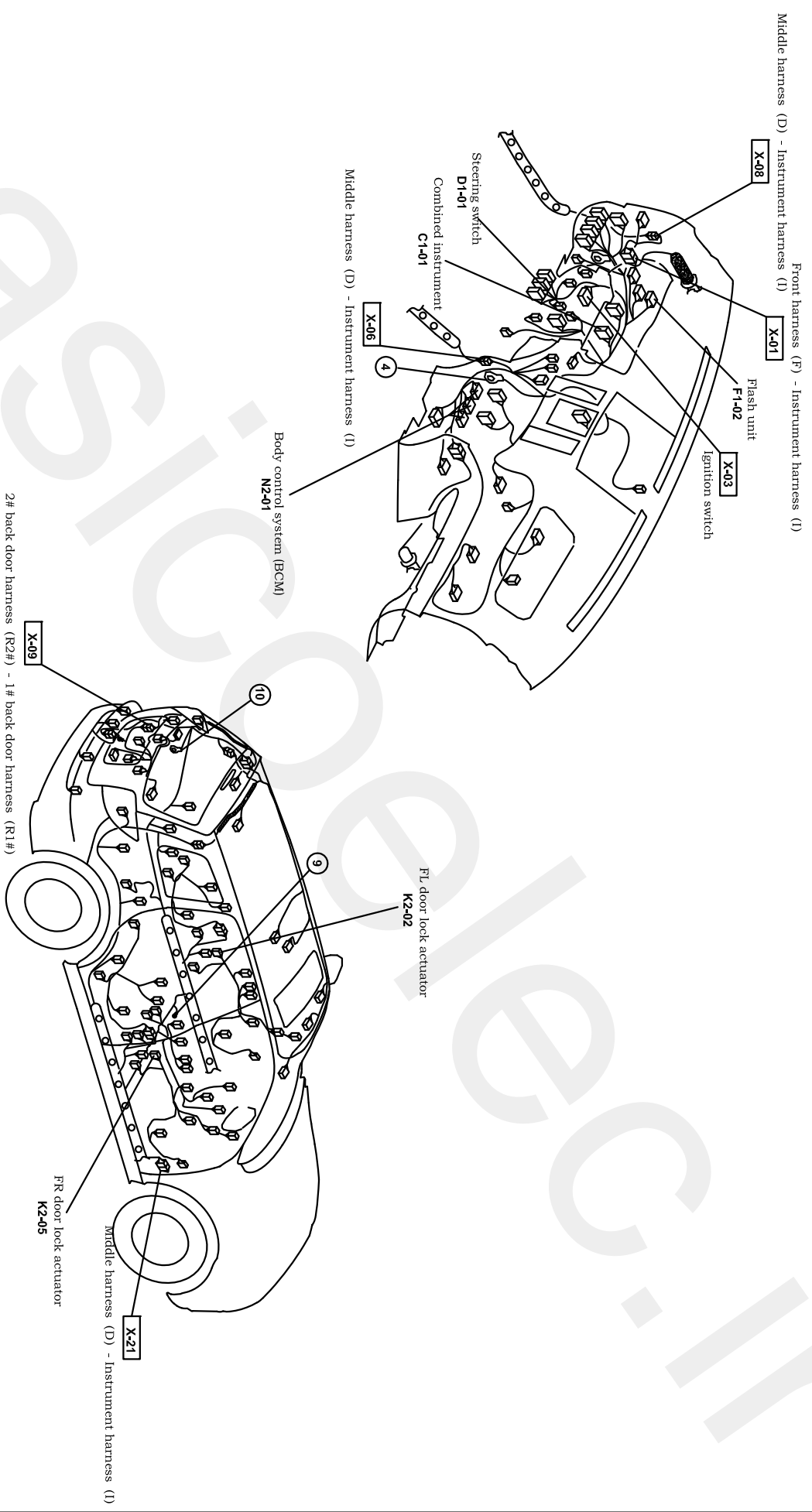


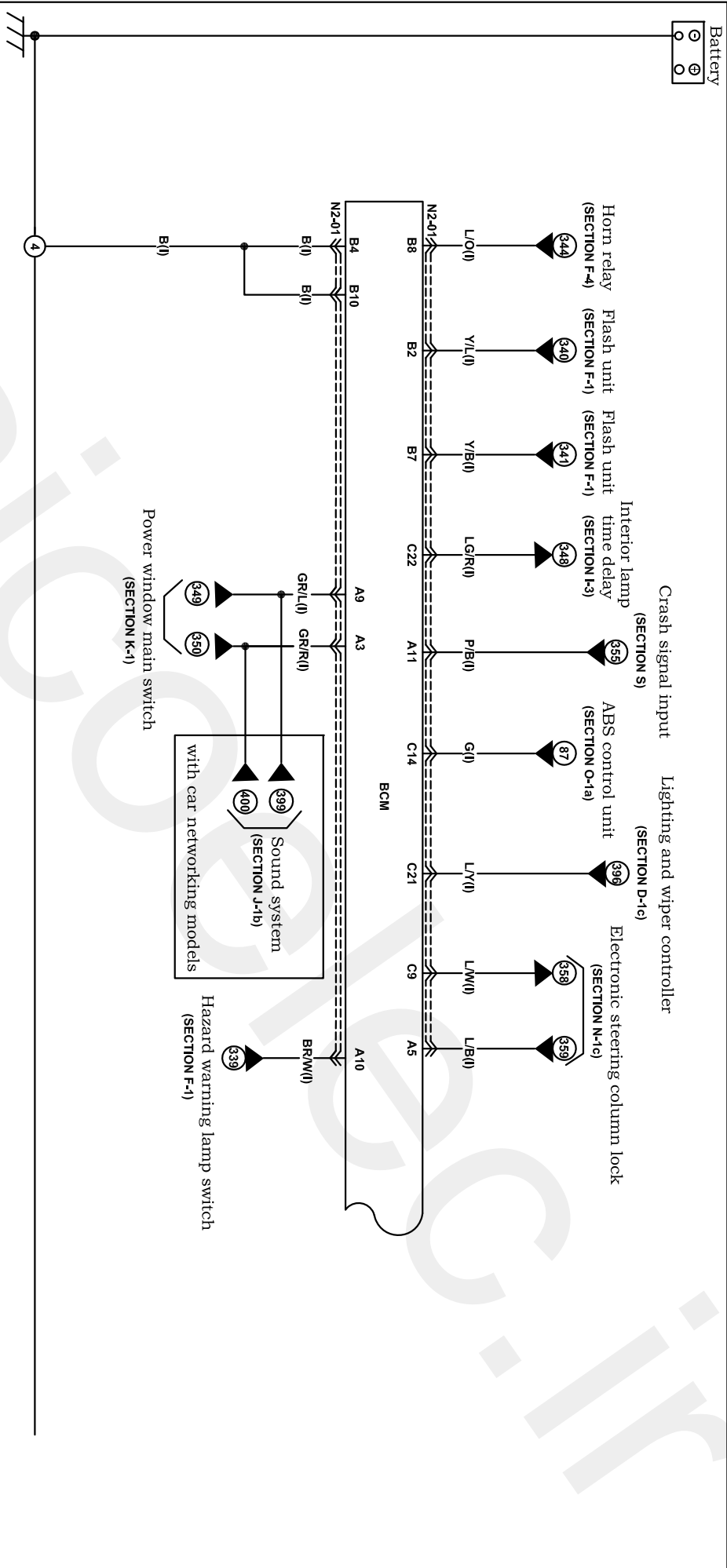
Harness mark:  (F)  (E)  (D)  (R)





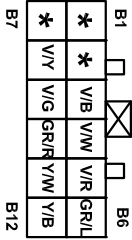
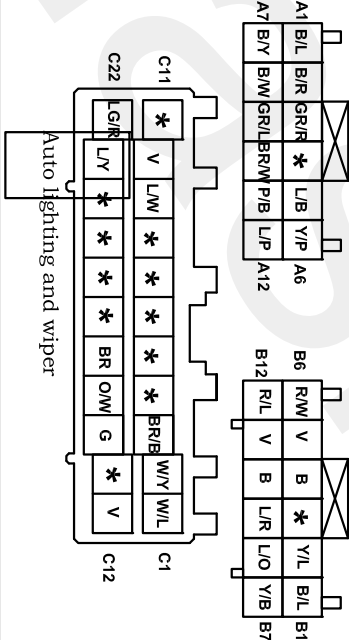
Harness mark:  (F)  (E)  (D)  (R)



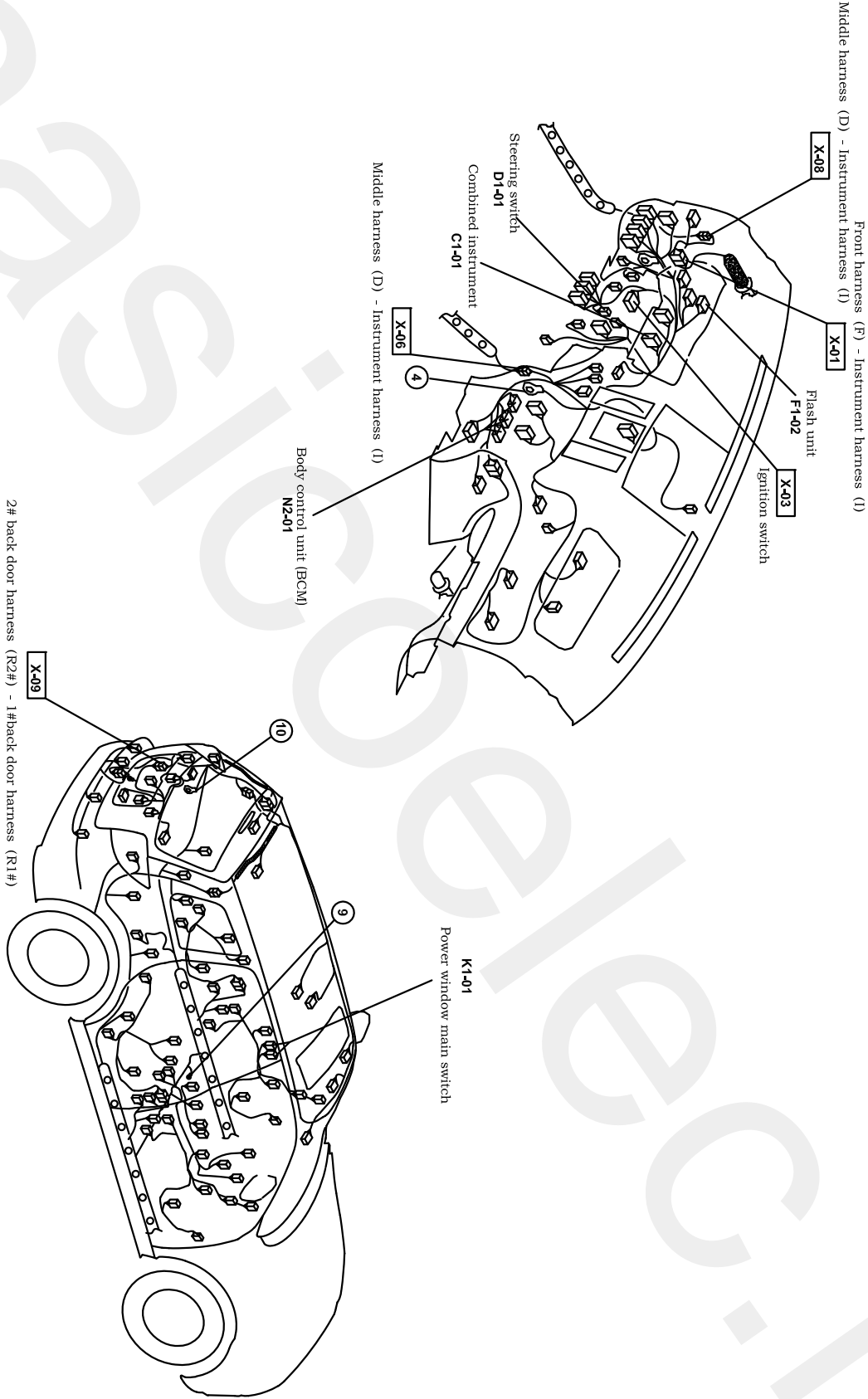


N2-01 Body control system (BCM)(I)

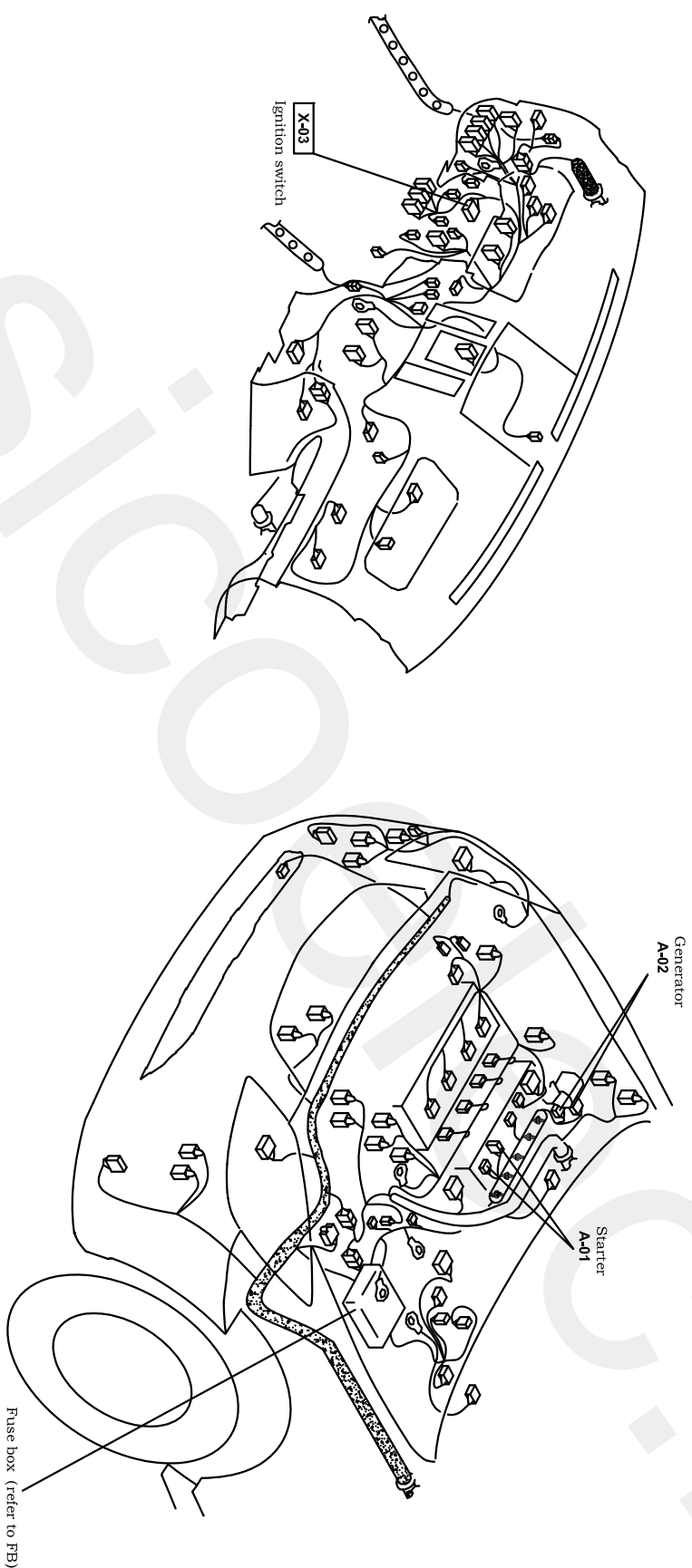
K1-01 Power window main switch (DRI)



Harness mark:  (F)  (E)  (D)  (R)

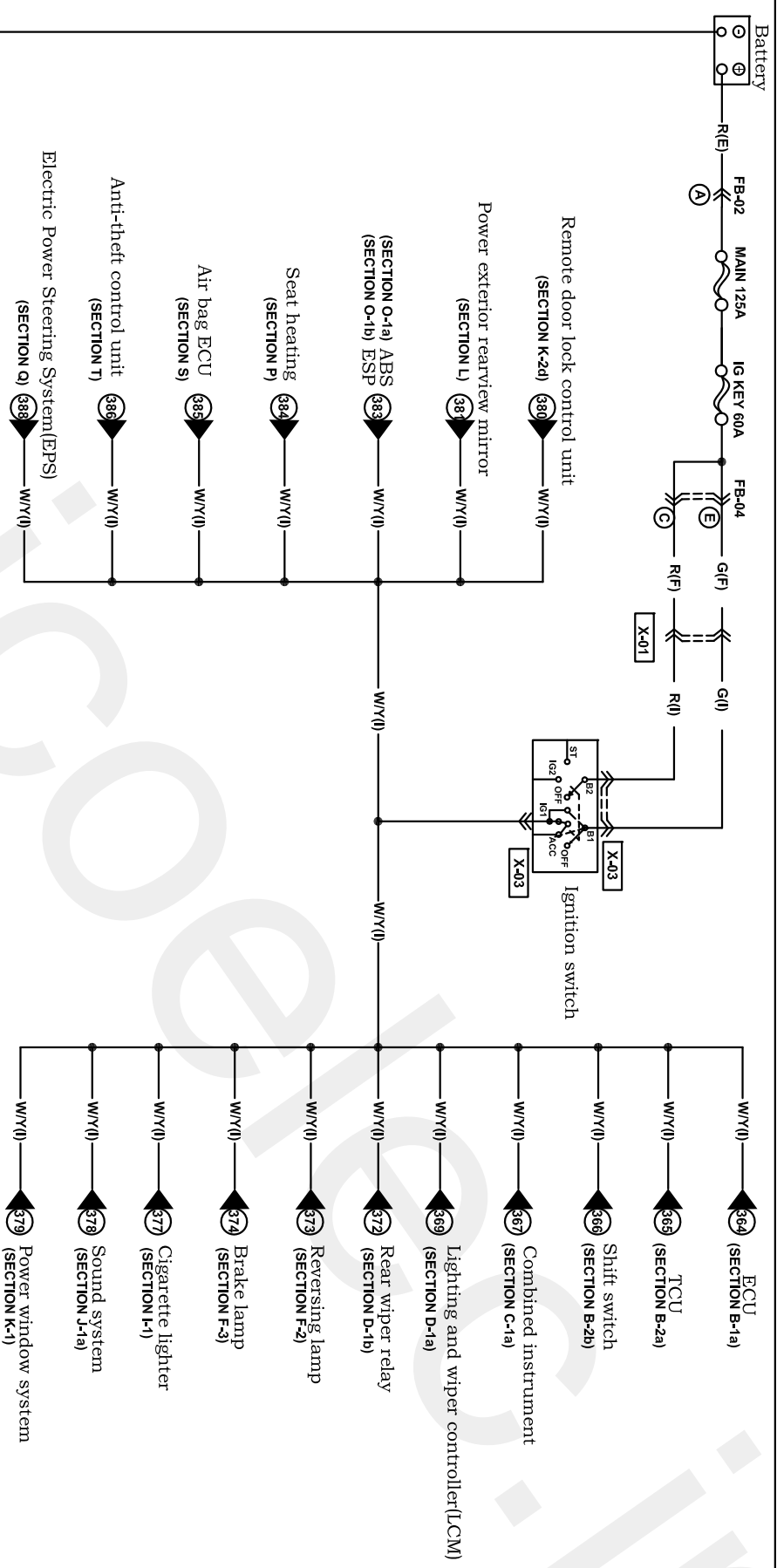


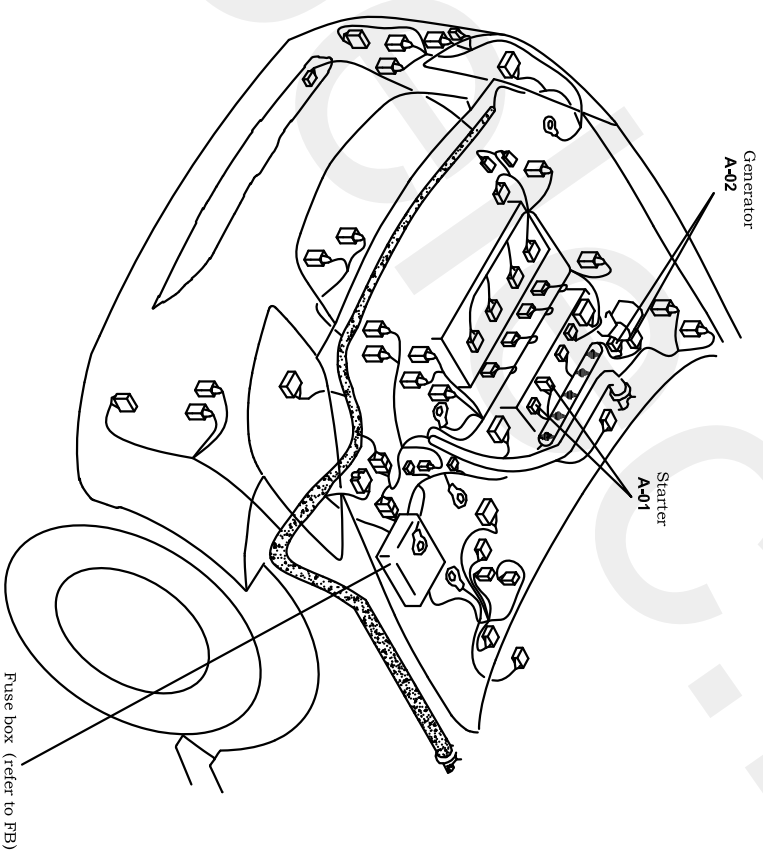
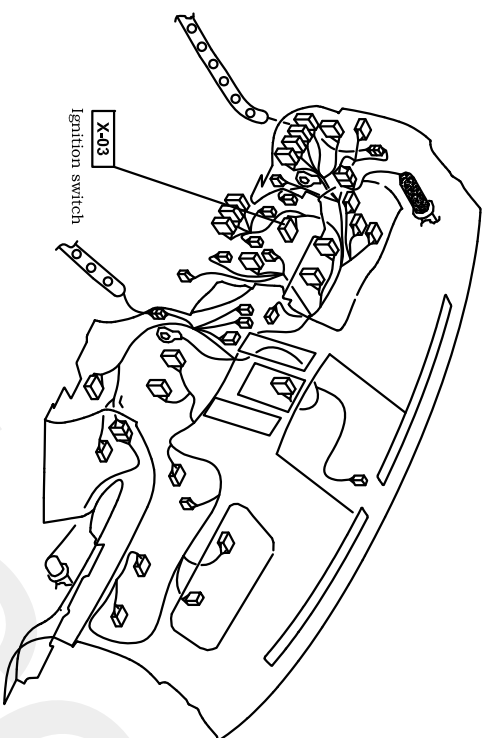
Harness mark:  (F)  (E)  (D)  (R)



Power supply system (without smart key)

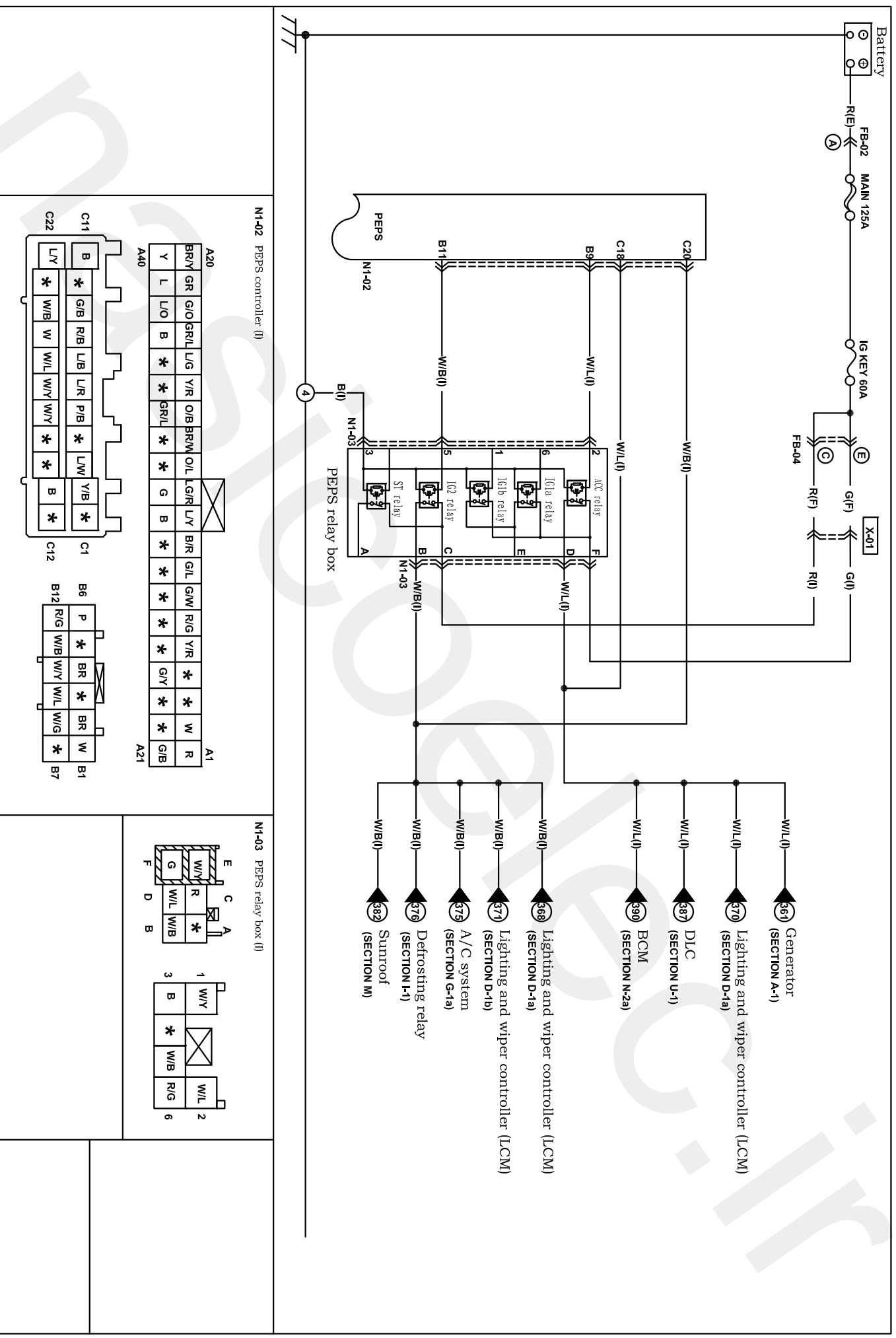
Z-1b

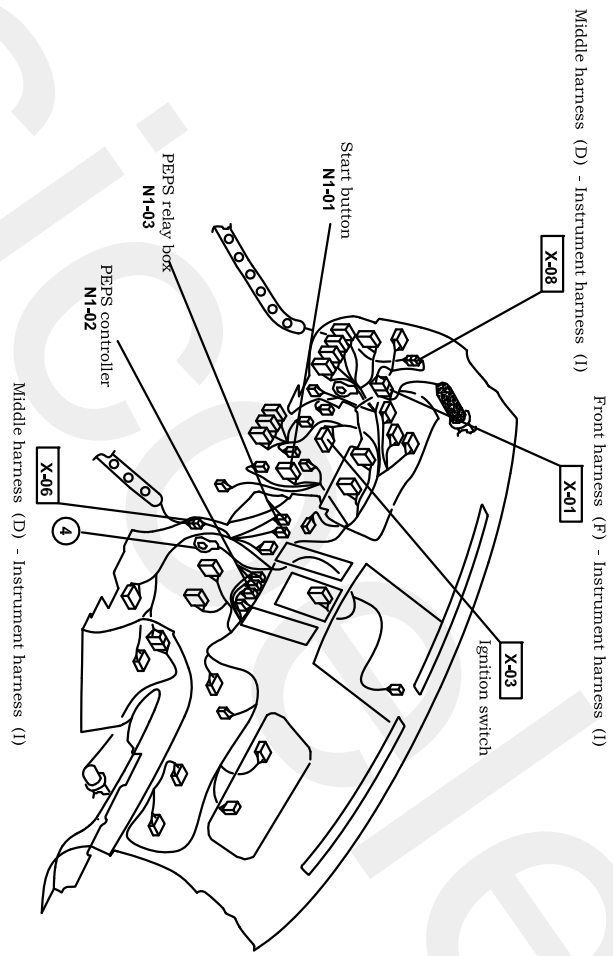


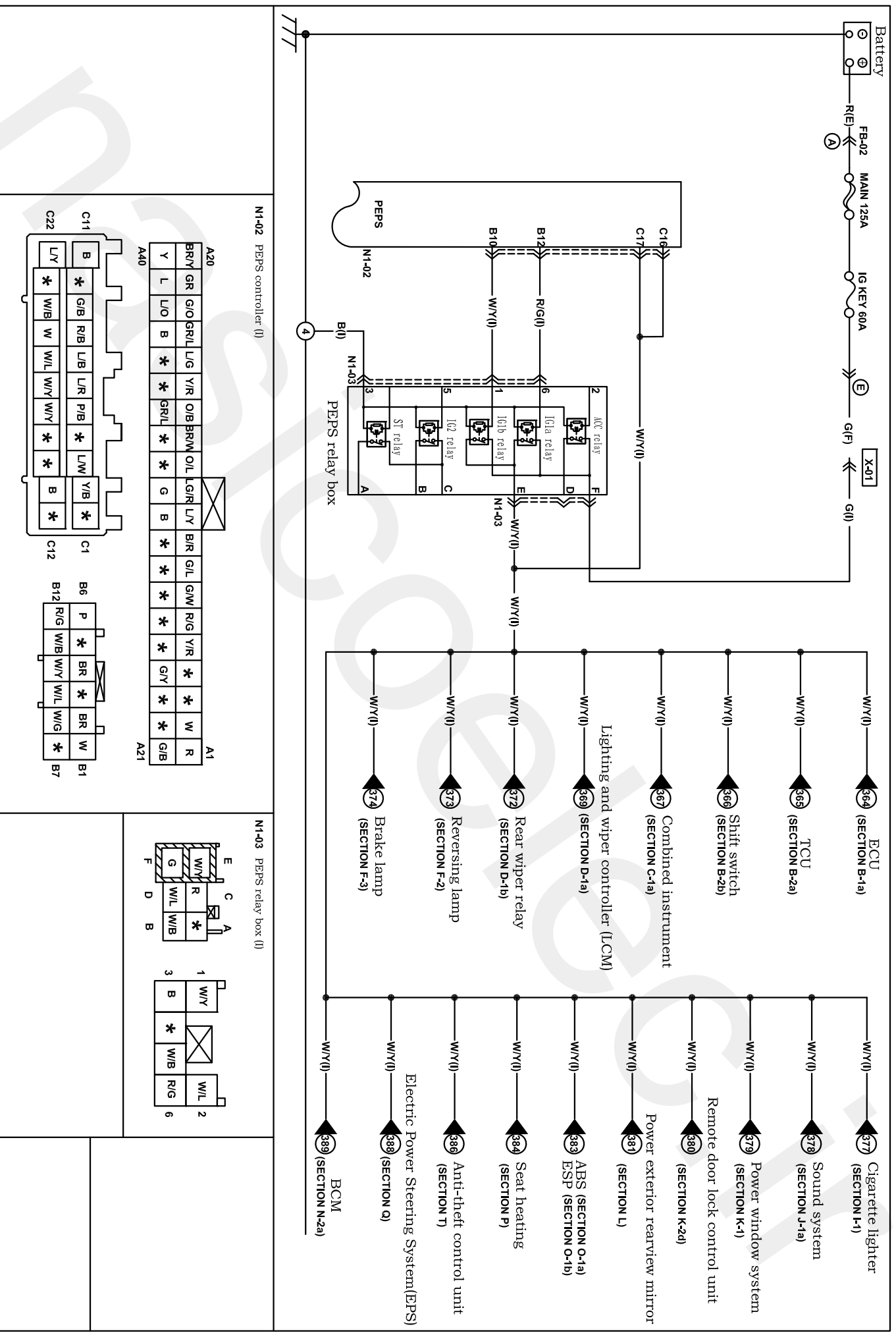


Power supply system (with smart key)

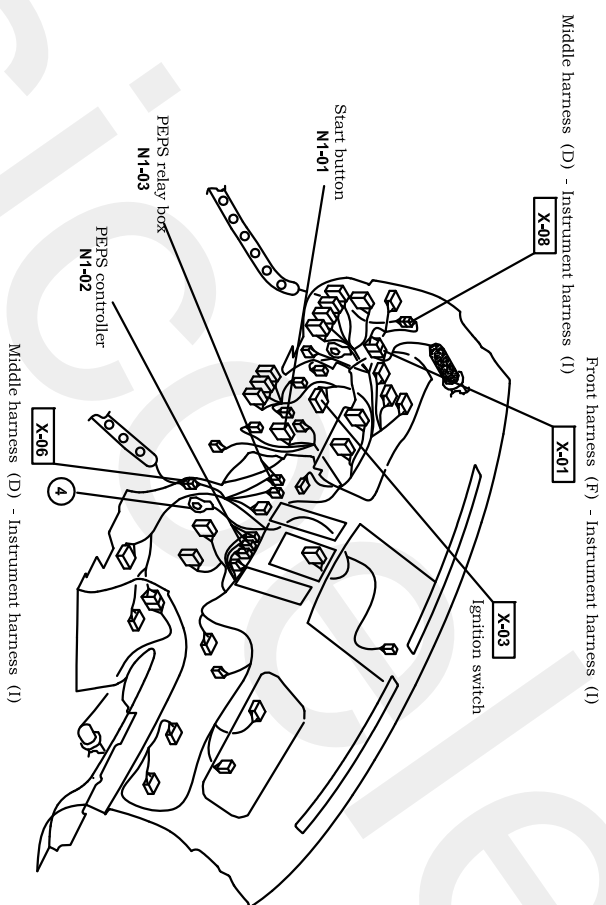
Z-2a

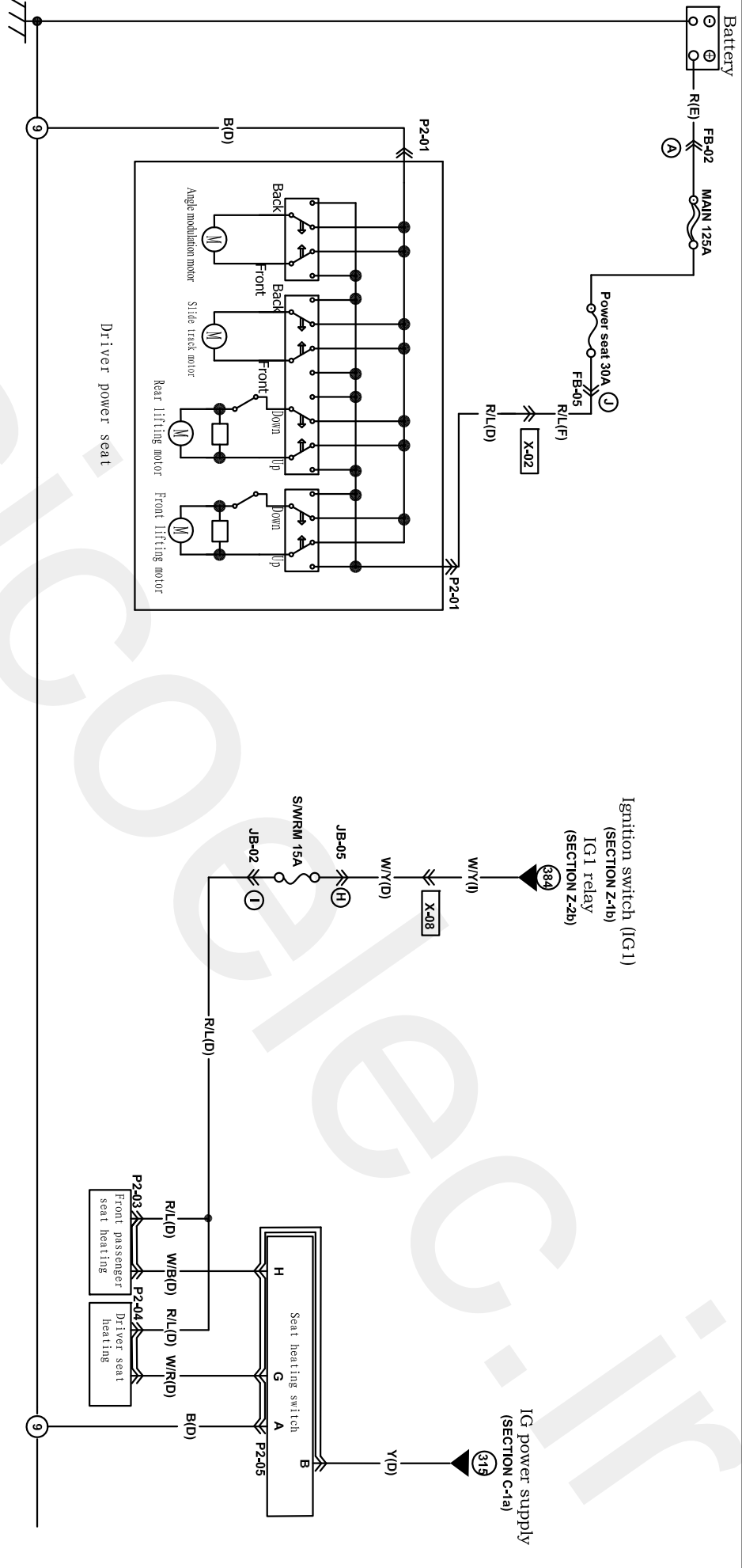






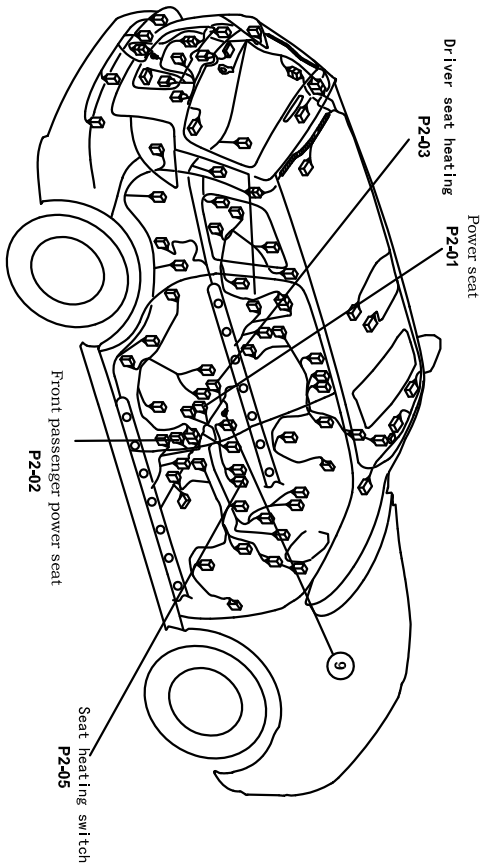
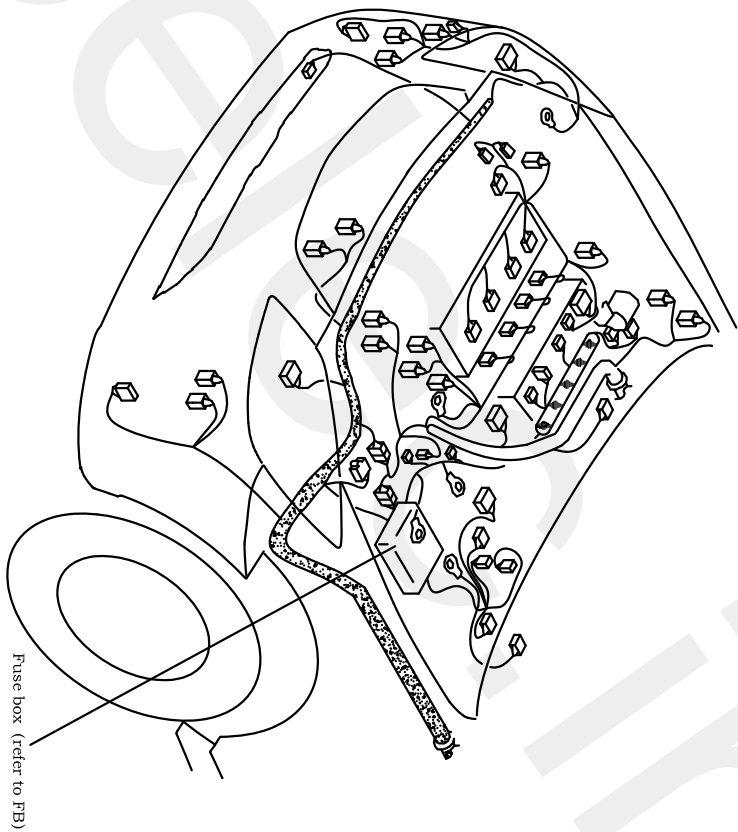
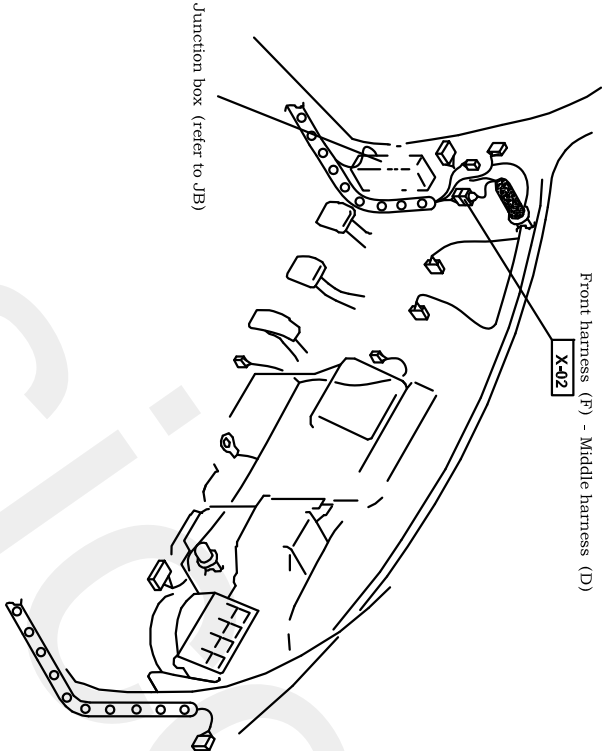
Harness mark:  (F)  (E)  (D)  (R)





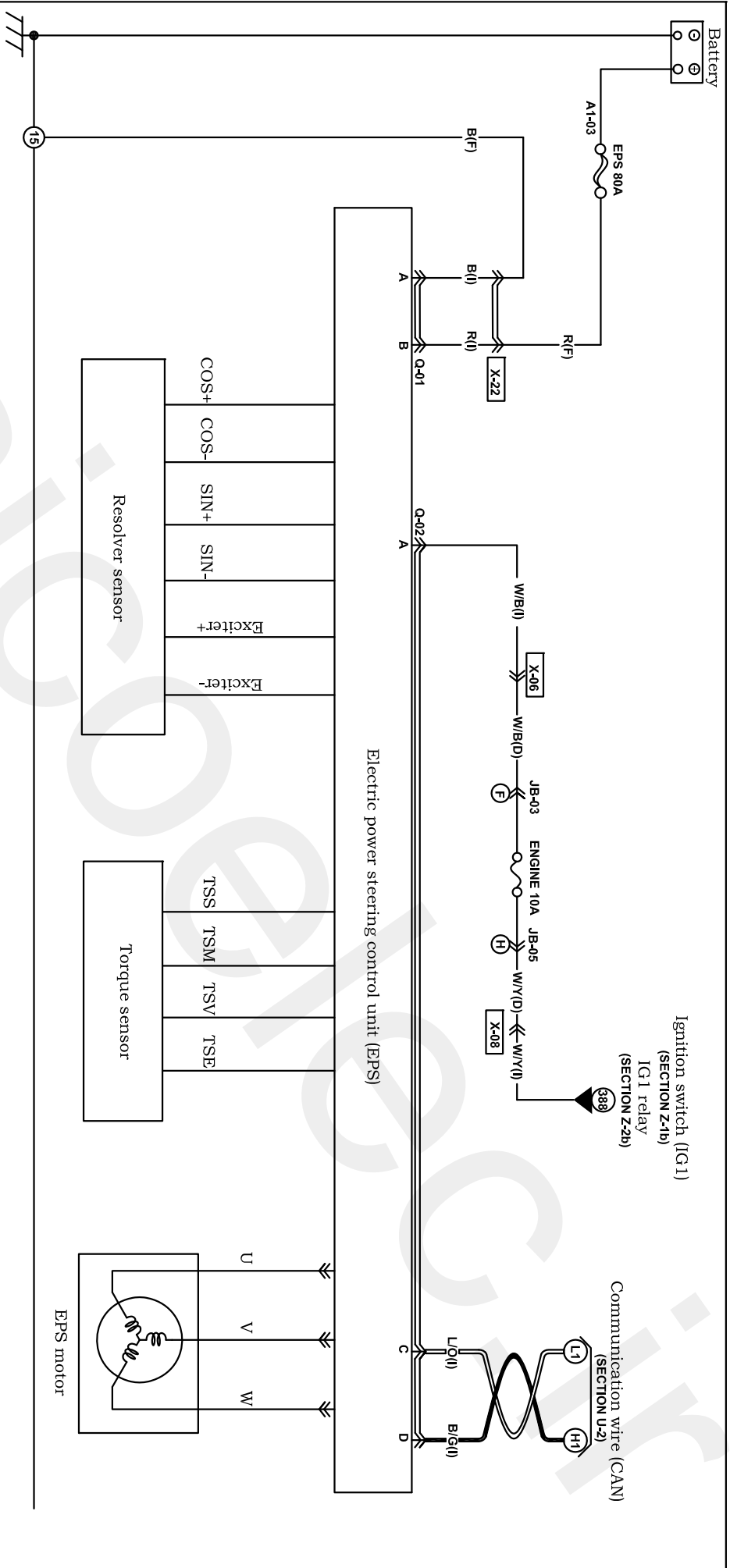
P2-01 Driver power seat (D)		P2-05 Seat heating switch (D)				
B R/L		G W/R W/B R/L H F D B				
P2-03 Driver seat heating (D)		P2-04 Front passenger seat heating (D)				
* W/R R/L *		* W/B R/L *				

Harness mark:  (F)  (E)  (D)  (R)



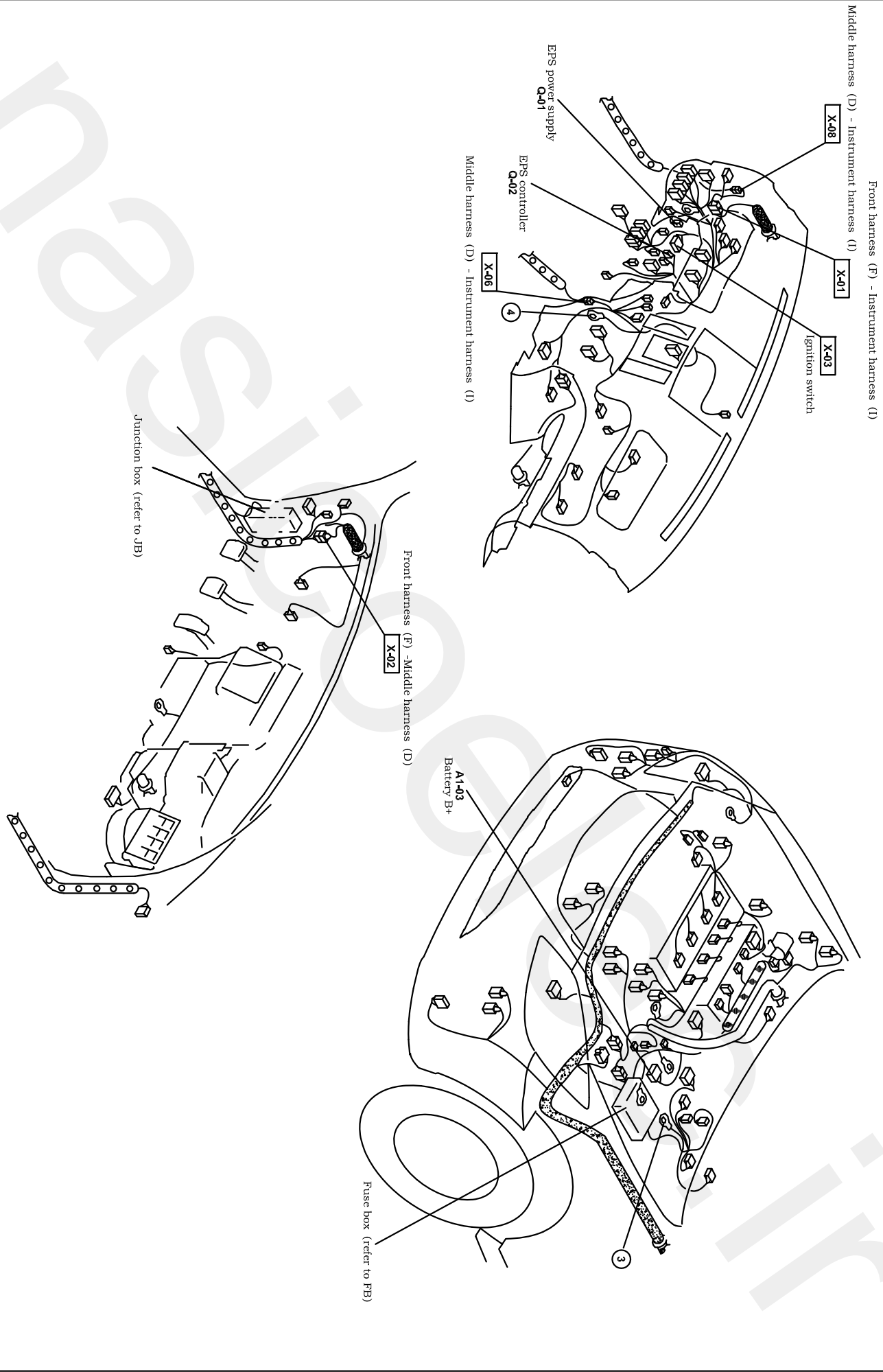
Electric Power Steering System (EPS-II)

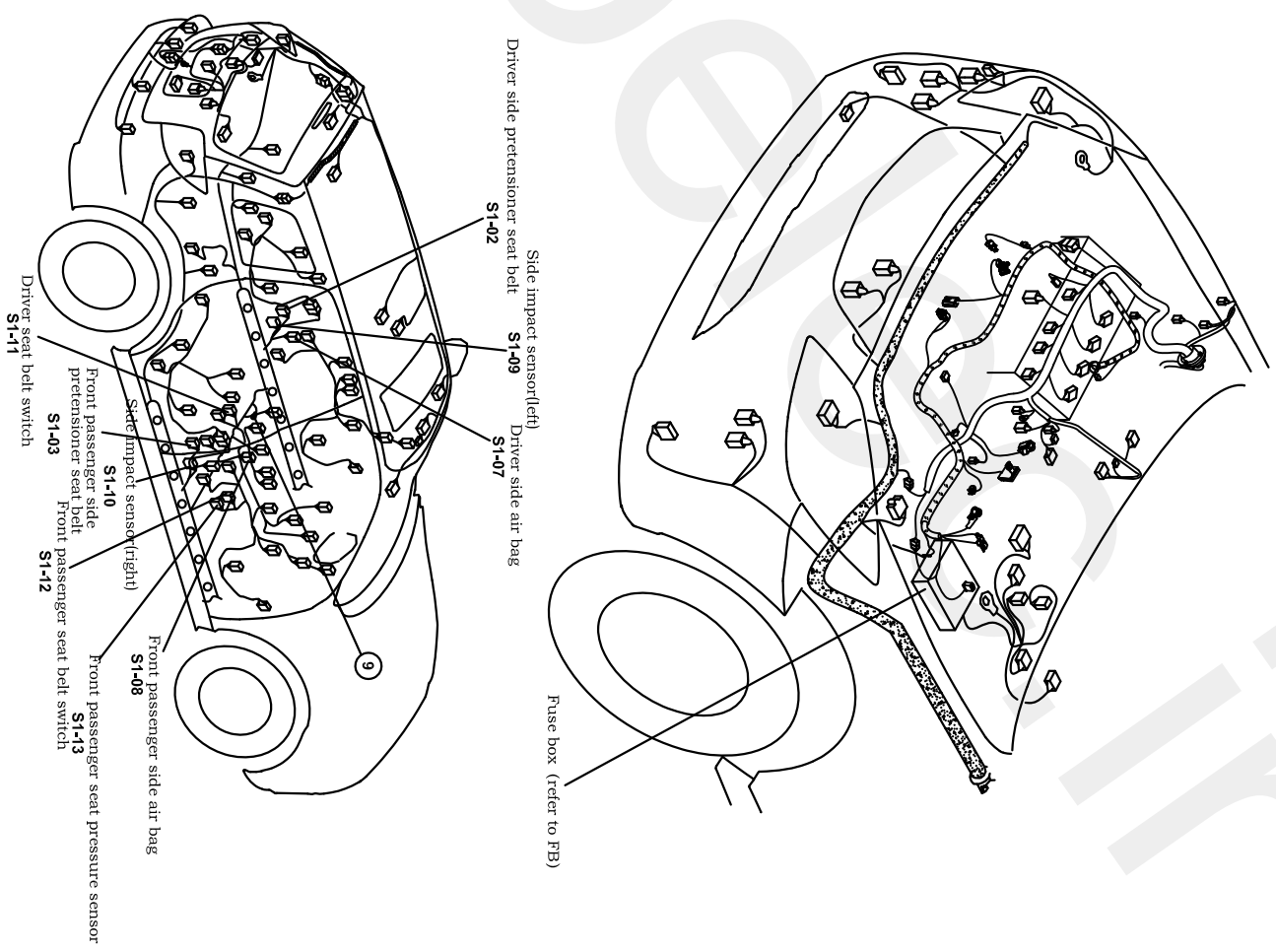
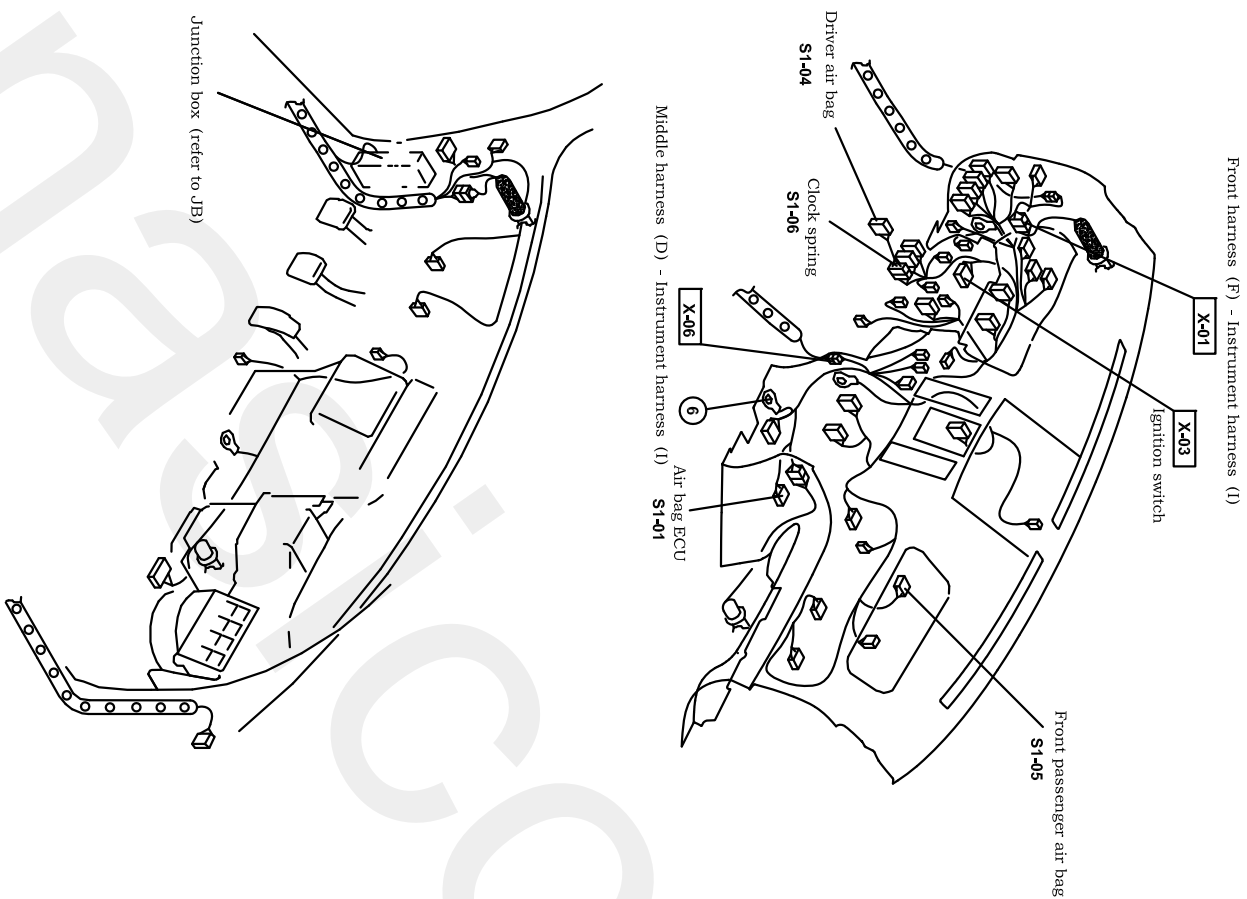
Q

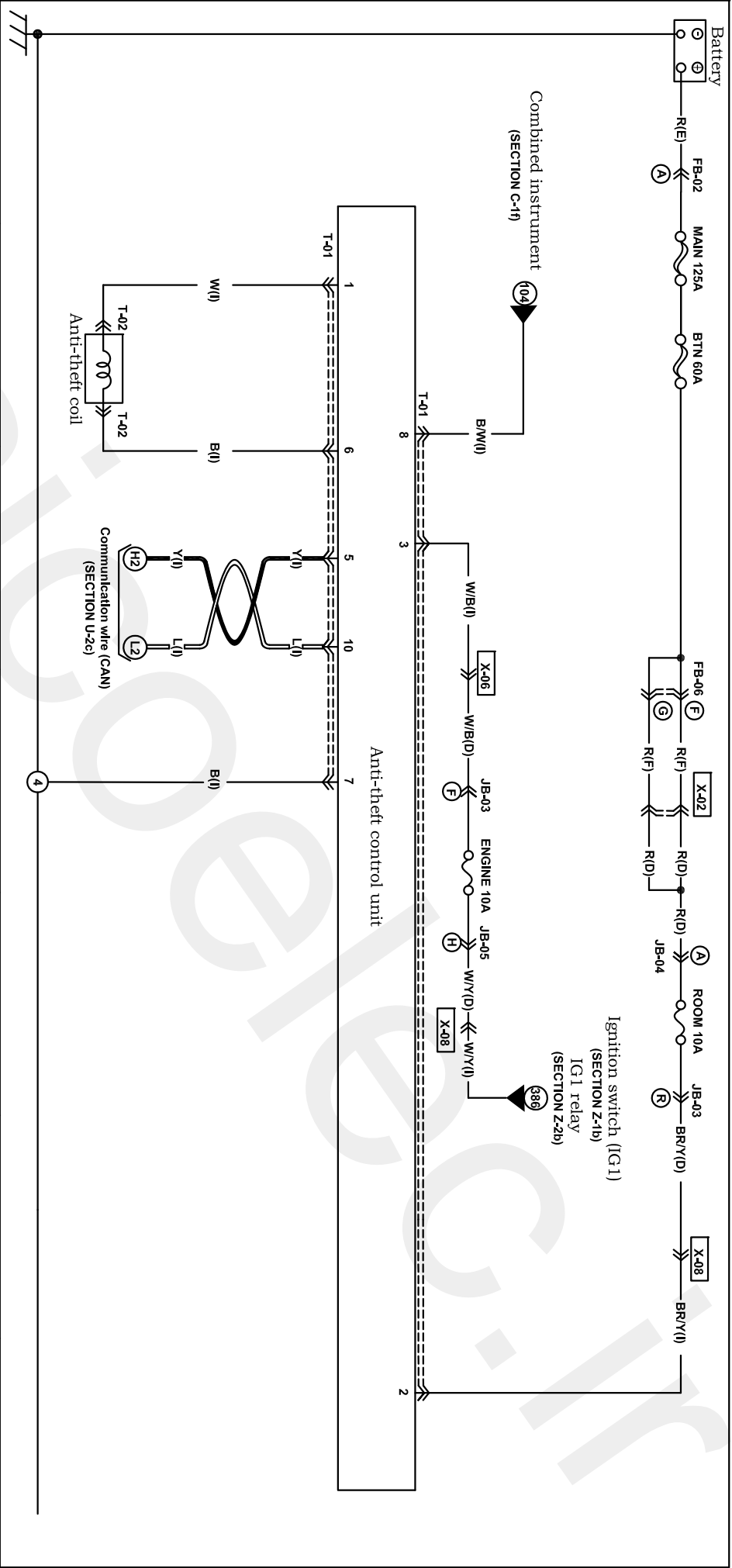


Q-01 EPS power supply (I)		A1-03 Battery B+ (E)					
Q-02 EPS controller (I)							

Harness mark:  (F)  (E)  (D)  (R)

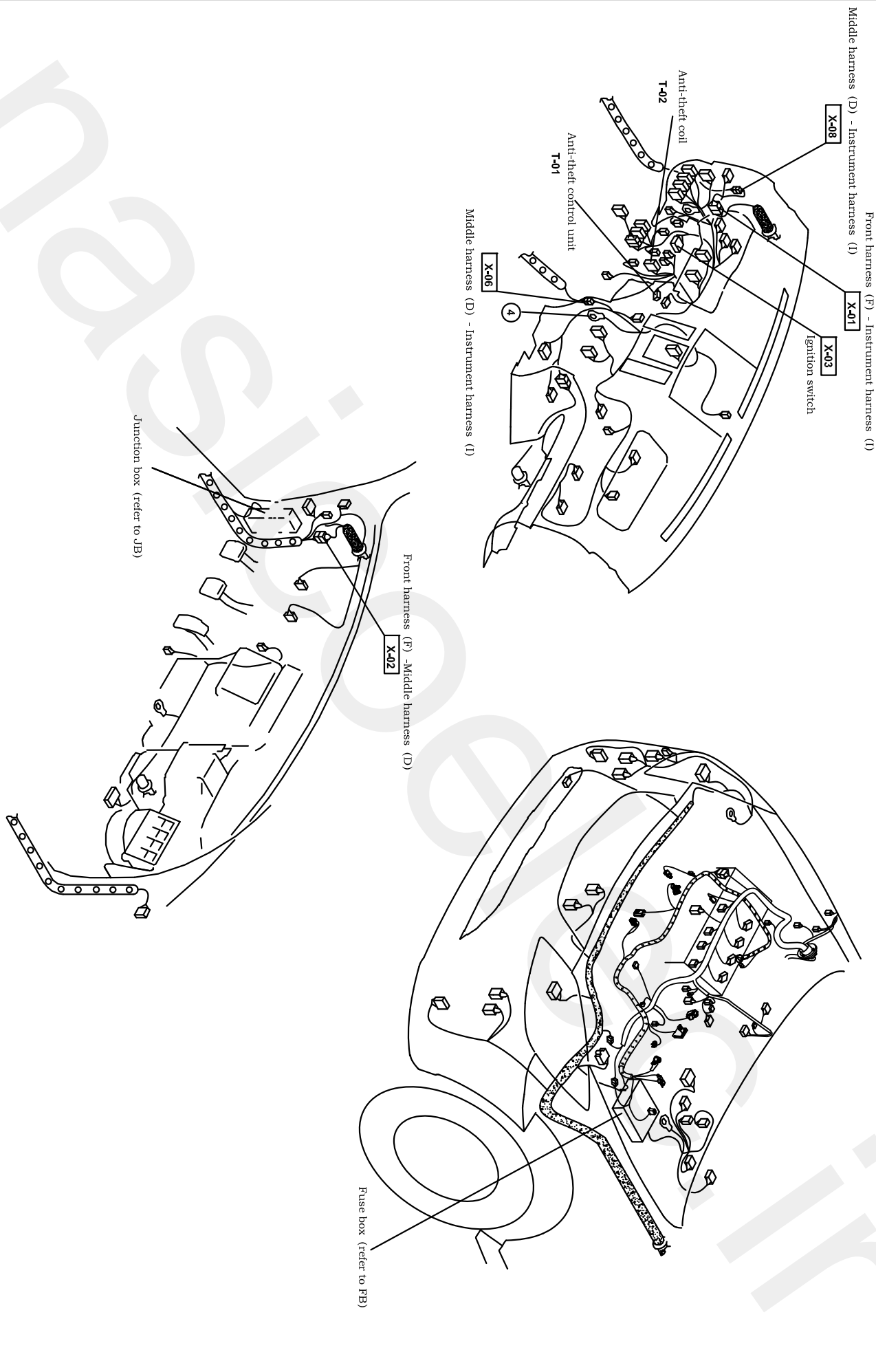


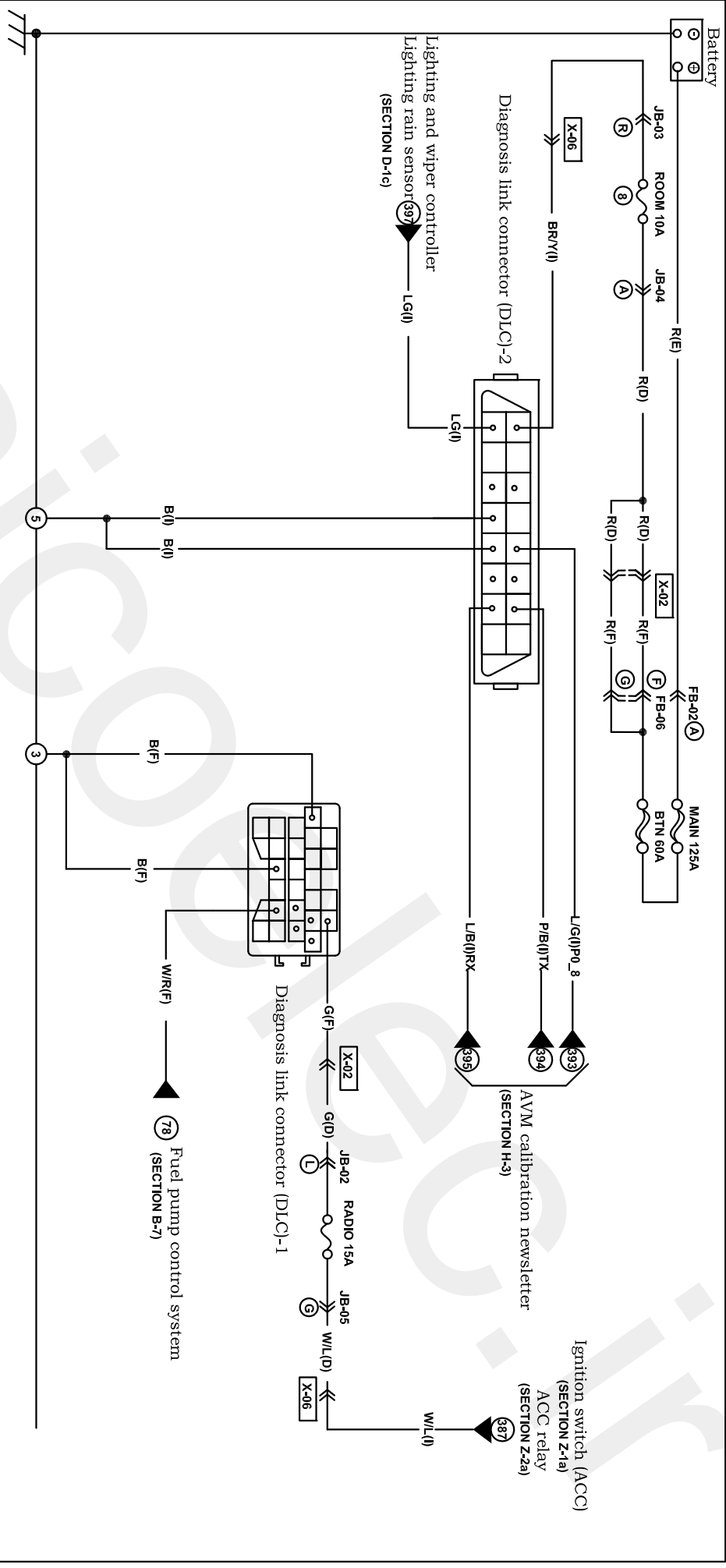




T-01	Anti-theft control unit (I)								
T-02	Anti-theft coil (I)								
	B * W B W with PEPS								
	10 L 9 * 8 B/W 7 B 6 B 5 4 * 3 W/B 2 BR/Y 1 W Y								

Harness mark:  (F)  (E)  (D)  (R)

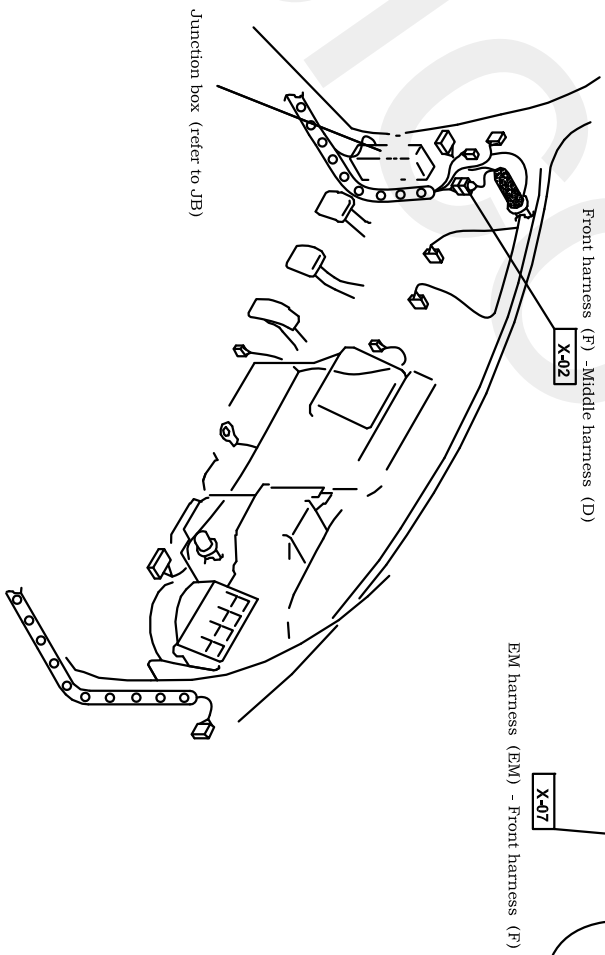
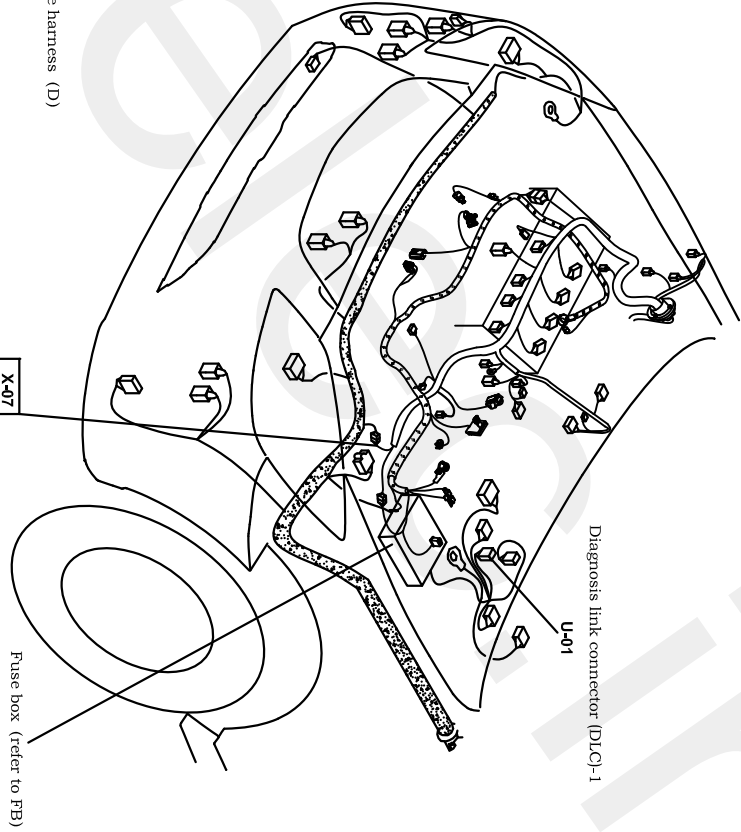
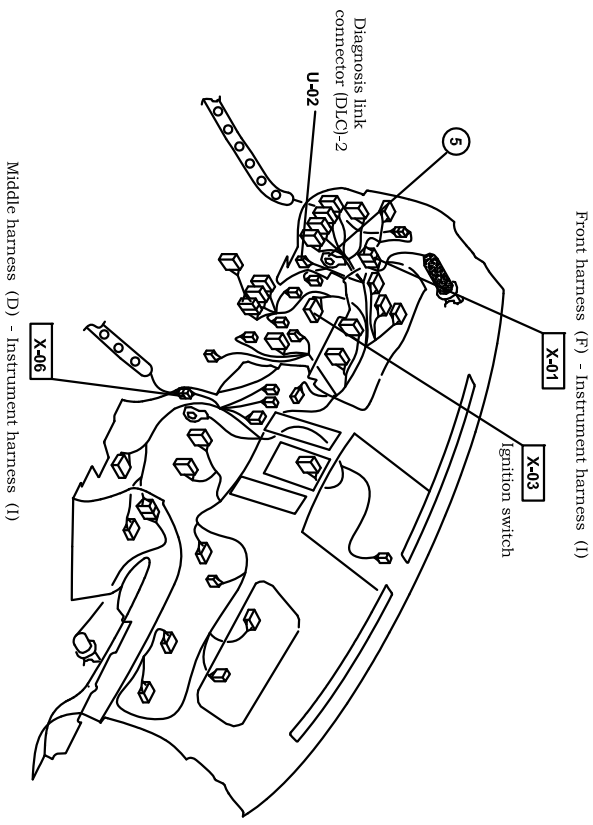


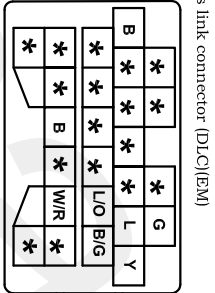
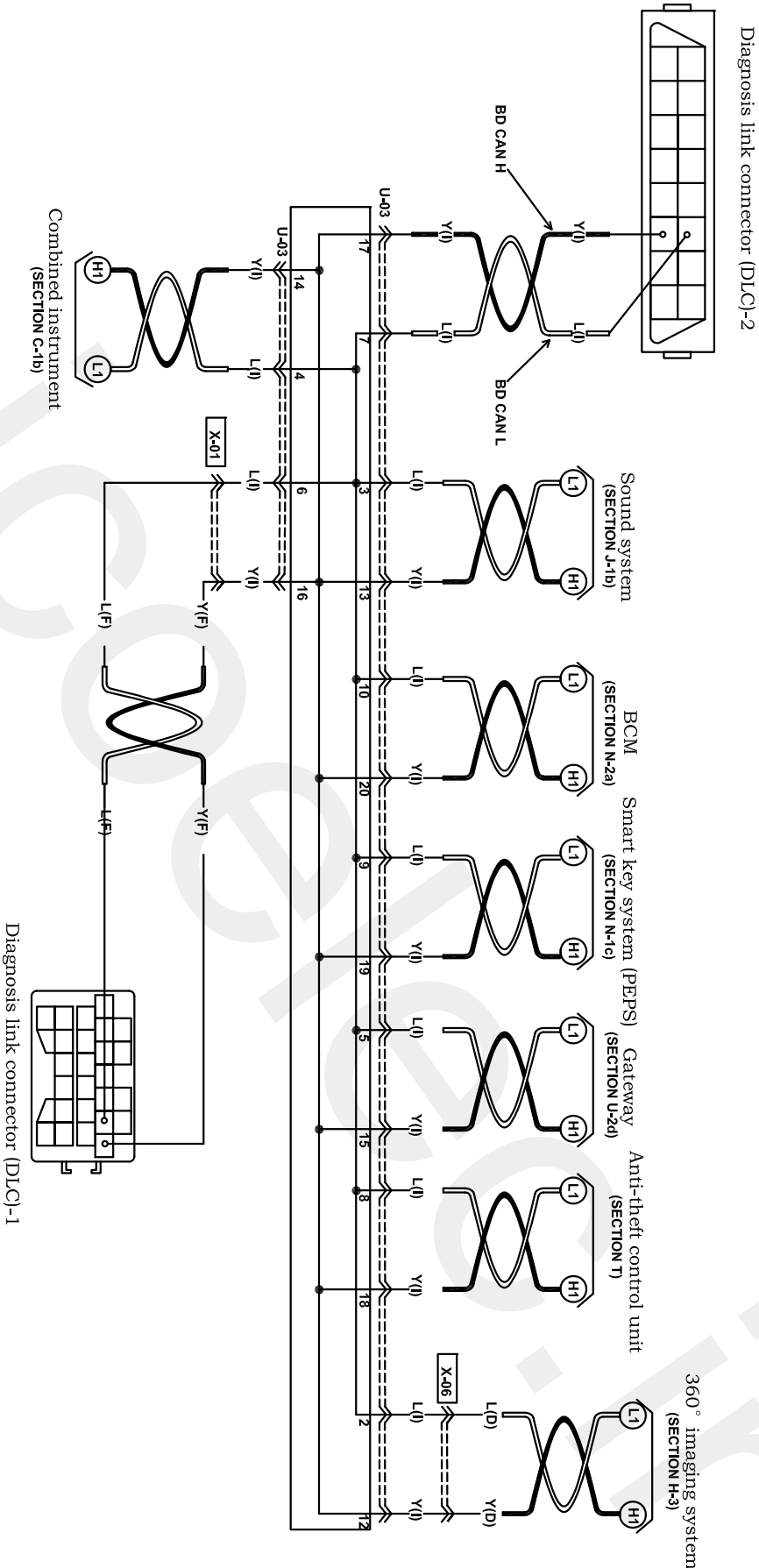


B	*	*	*	*	*	G	Y
*	*	*	*	*	*	L	B/G
*	*	*	*	*	*	L/O	B/G
*	*	*	*	*	*	W/R	*

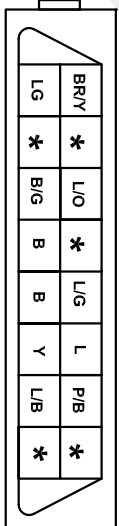
BR/Y	*	L/O	*	L/G	L	P/B	*
LG	*	B/G	B	B	Y	L/B	*

Harness mark:  (F)  (E)  (D)  (R)

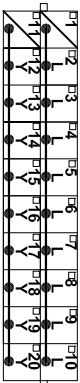




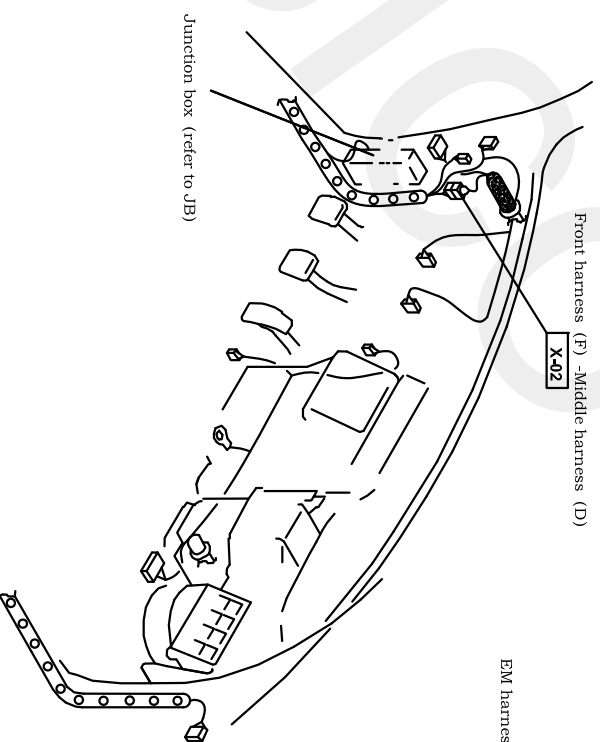
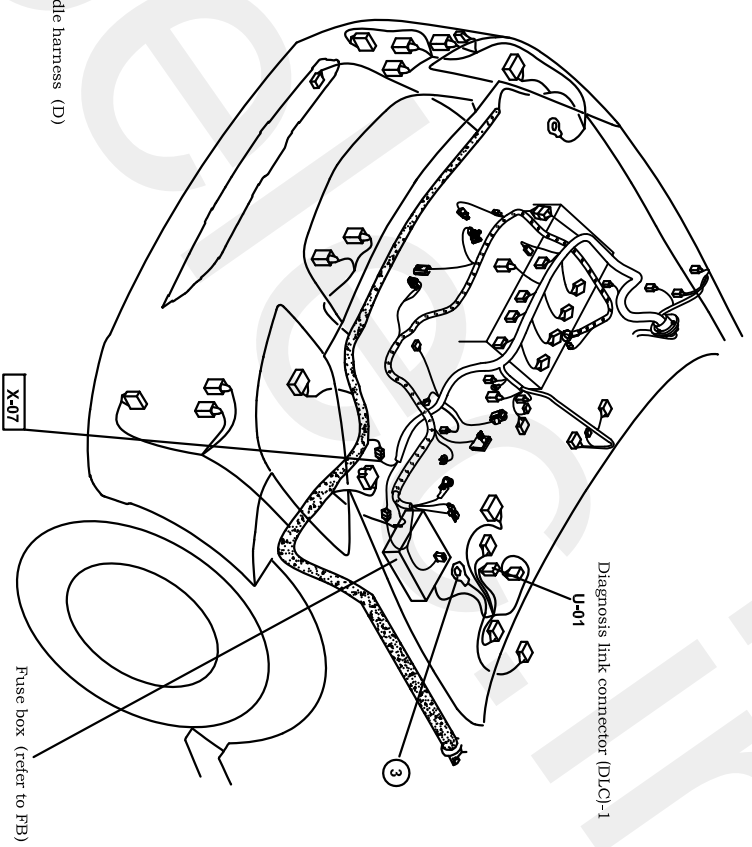
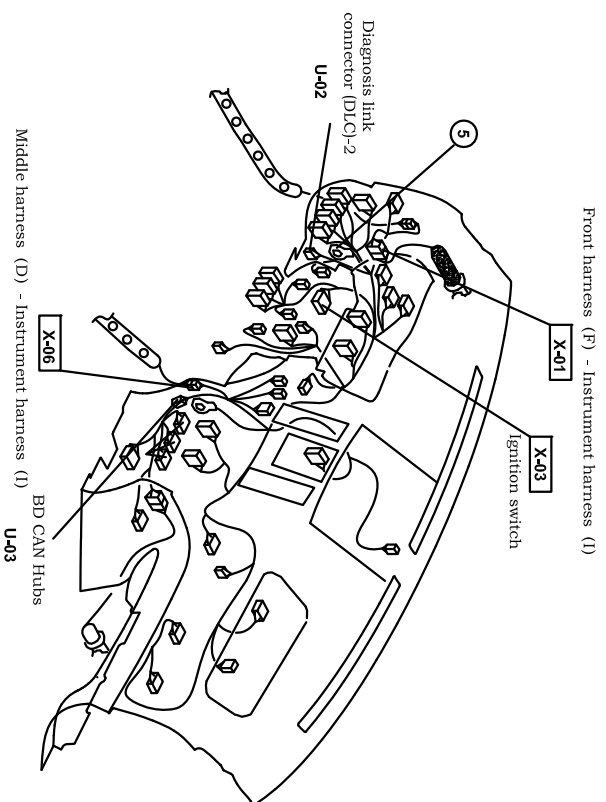
Note: View from the harness terminal



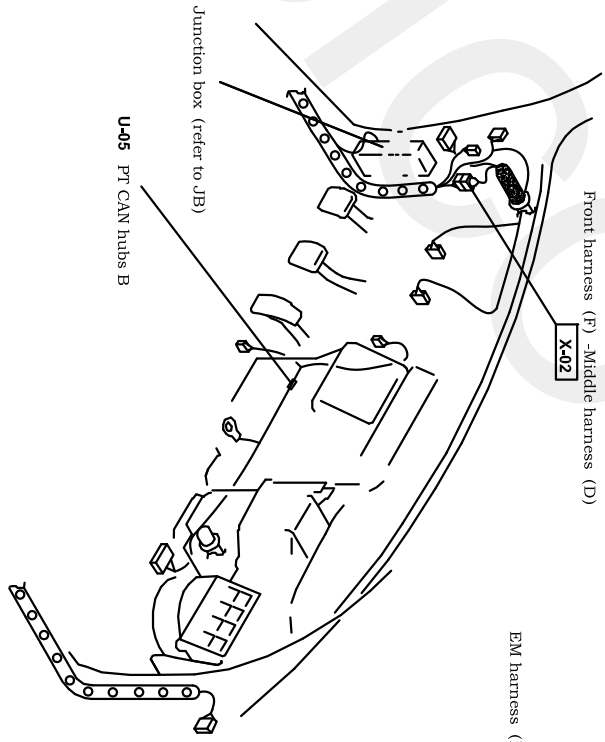
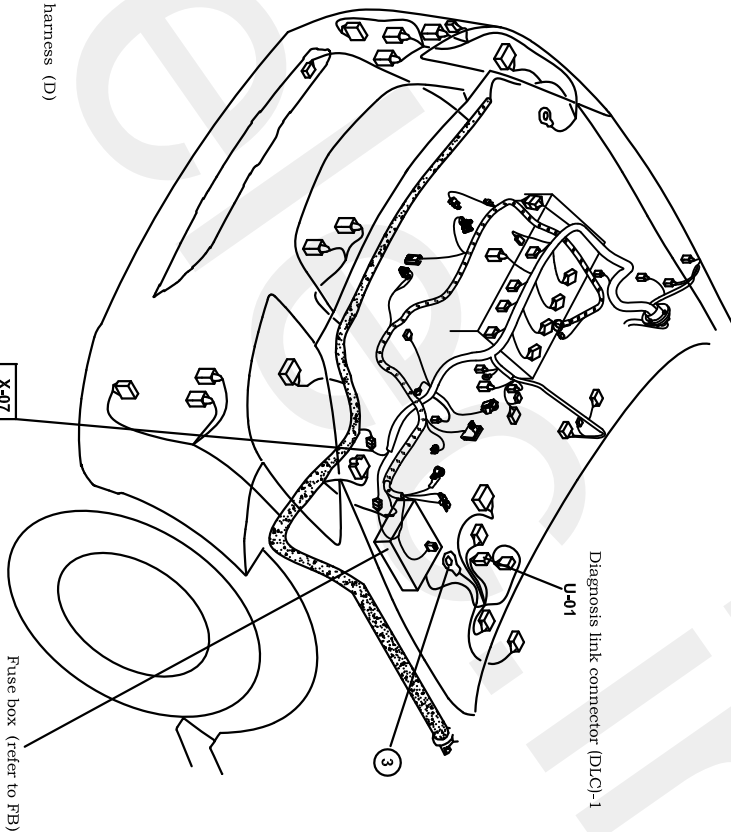
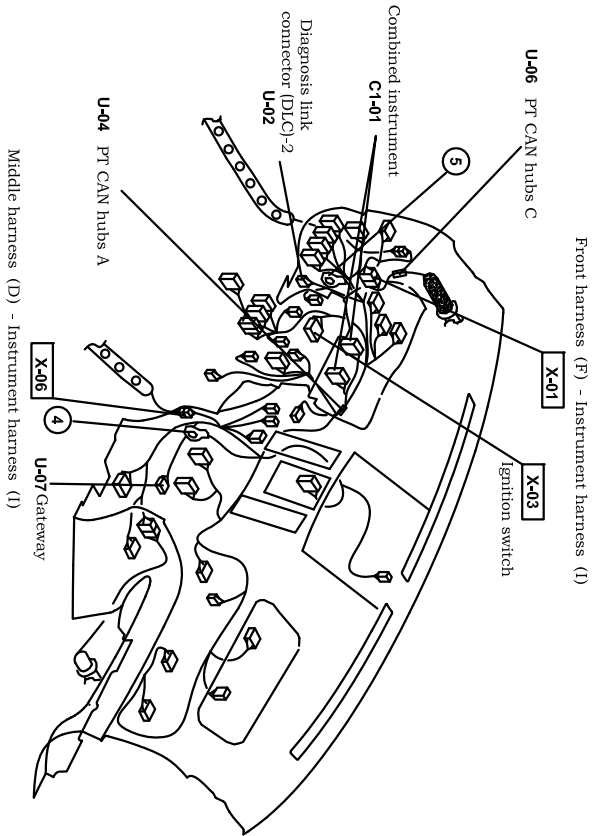
Note: View from the harness terminal



Harness mark:  (F) (E) (D)  (R)

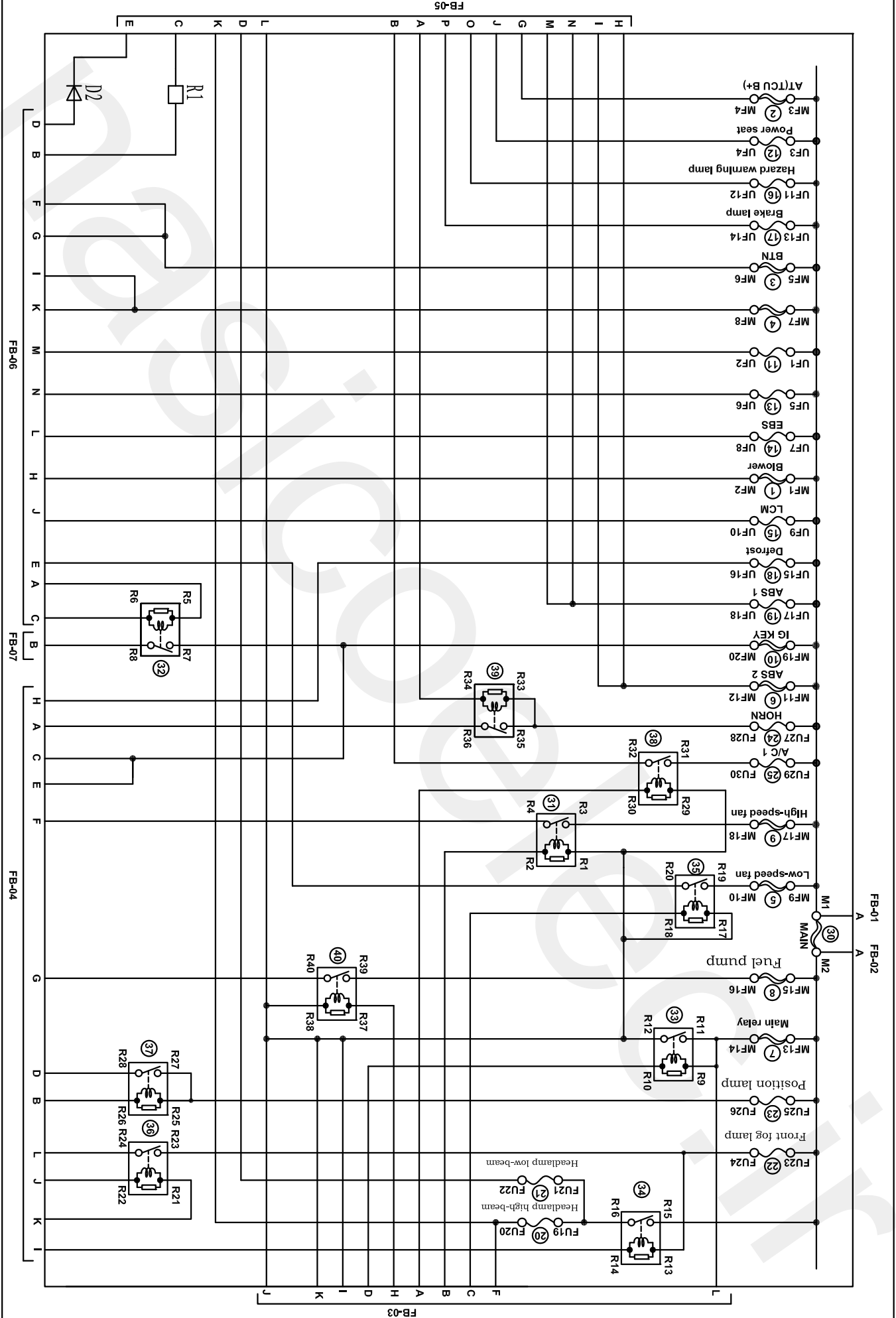


Harness mark:  (F)  (E)  (D)  (R)

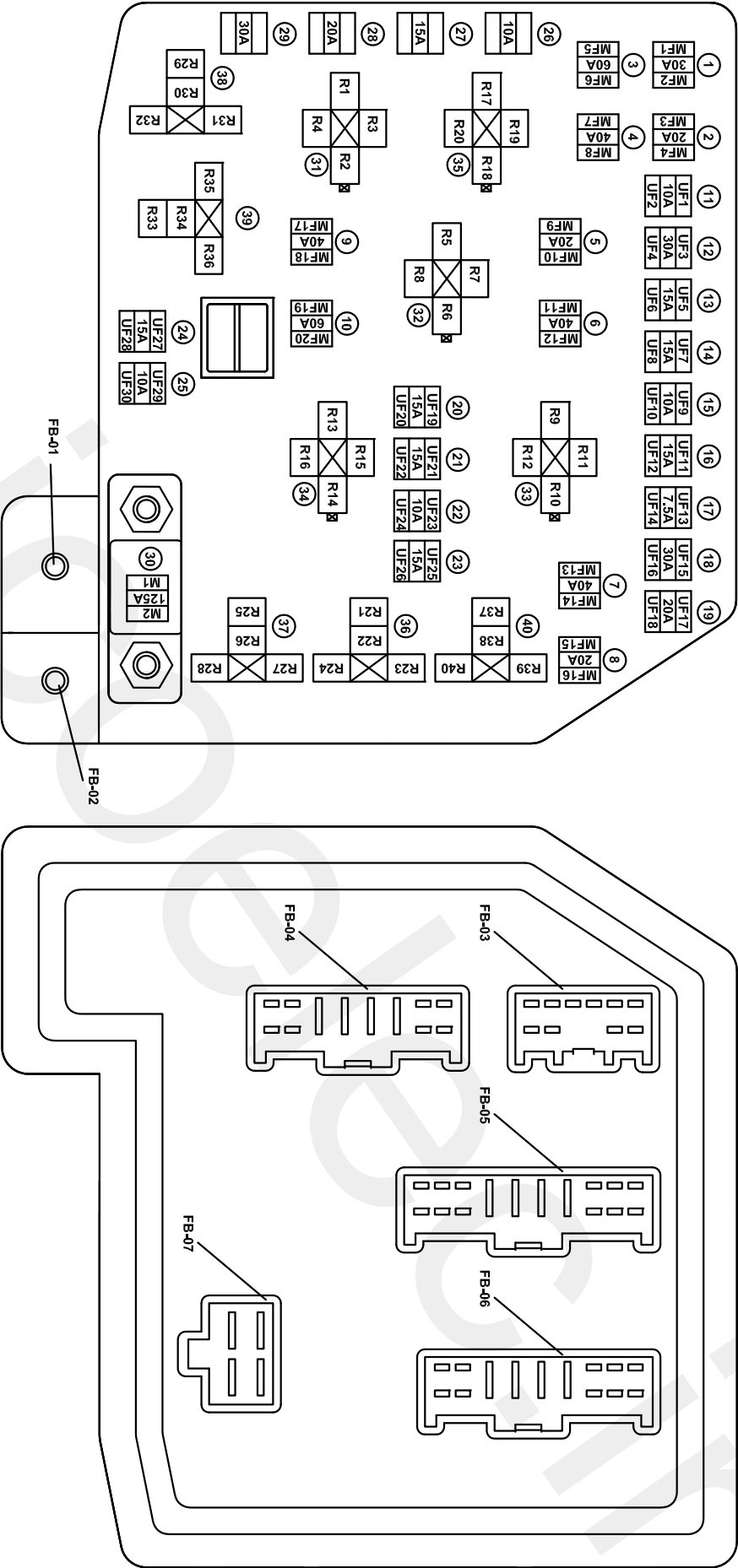


Fuse box wiring diagram (1.8T)

FB



Fuse box (1.8T)



No.	Fuse name	No.	Fuse name	No.	Fuse name	No.	Relay name
1	Blower	11	PEPS 1	21	Headlamp low-beam	31	Fan
2	AT(TCU B+)	12	Power seat(main)	22	Front fog lamp	32	Start
3	BTN	13	PEPS 2	23	Position lamp	33	Main relay
4	*	14	EBS	24	HORN	34	Headlamp
5	Vacuum pump	15	LCM	25	AC 1	35	Vacuum pump
6	ABS 2	16	Hazard warning lamp	26	*	36	Front fog lamp
7	Main relay	17	Brake lamp	27	*	37	Position lamp
8	Fuel pump	18	Defrost	28	*	38	Compressor
9	Fan	19	ABS 1	29	*	39	Horn
10	IG KEY	20	Headlamp high-beam	30	Main fuse	40	Fuel pump

Fuse box (1.8T)

FB-01 Engine harness (E)		FB-02 Engine harness (E)		FB-04 Front harness (F)												FB-07 Engine harness (E)													
A B/W		A R																											
FB-03 EM harness (EM)																													
K I C A FV W W W/R G/W W L/R BR/Y W/G LG L J H F D B																													
K I C A LG/R G/O W L/B R/B G R L/R L/R B LG BR L J H G F E D B																													
D B																													
FB-05 Front harness (F)																FB-06 Front harness (F)													
O M K E C A B/L Y G/R W R/L W/B W/B R * * G/B Y/G L N P																M K I C A \$BR * * B/R R R L/B B W/G \$P &Y L													

\$ with PEPS
& with start-stop

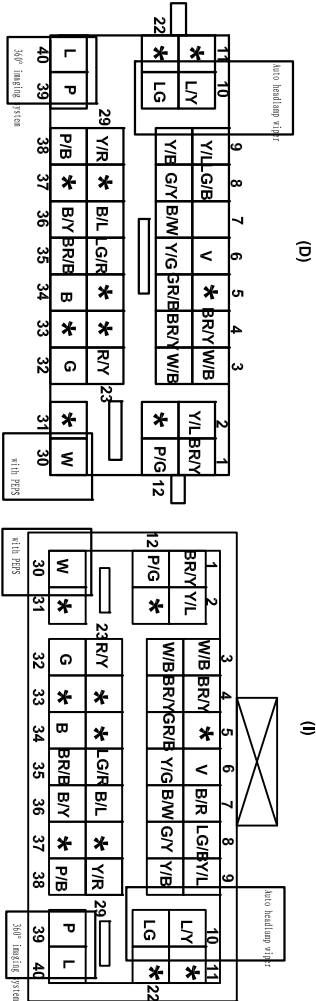
\$ with PEPS
& with start-stop

X-1

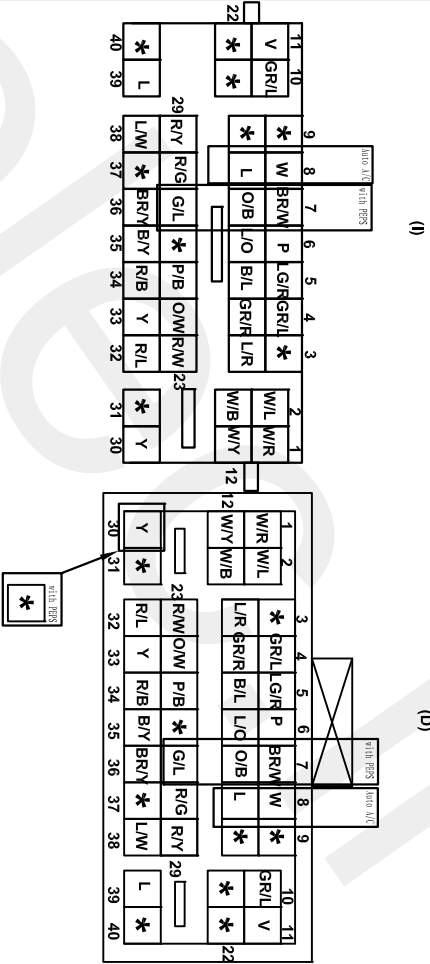
[illegible]

Common connector list (1.8T)

X-06 Middle harness (D) - Instrument harness (I)

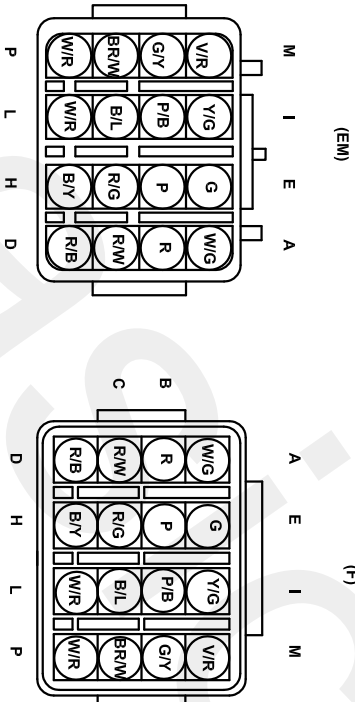


X-08 Middle harness (D) - Instrument harness (I)



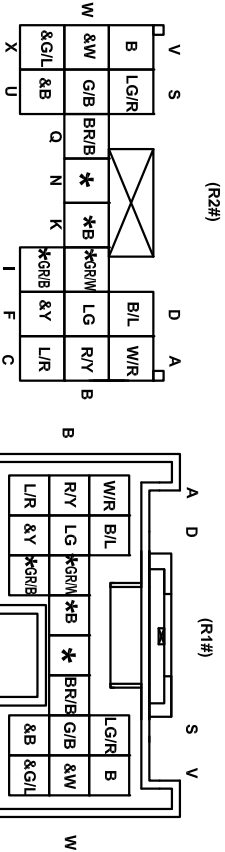
X-07 EM harness (EM) - Front harness (F)

< > with AT



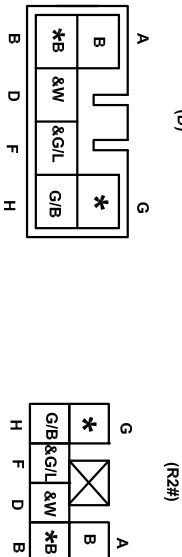
X-09 1# back door harness (R1#) -2# back door harness (R2#)

* with reversing camera
& with 360° imaging system



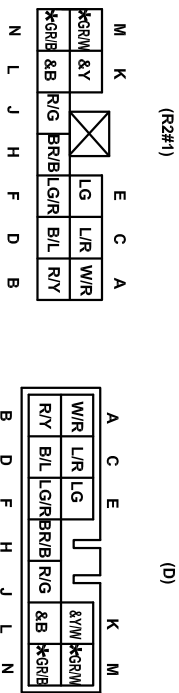
X-10 Middle harness(D) -2# back door harness (R2#2)

* with reversing camera
& with 360° imaging system



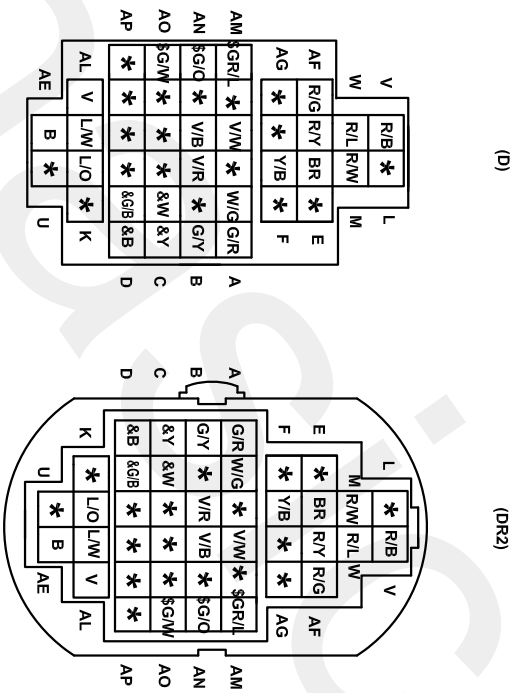
X-11 2# back door harness (R2#1) -Middle harness (D)

* with reversing camera
& with 360° imaging system



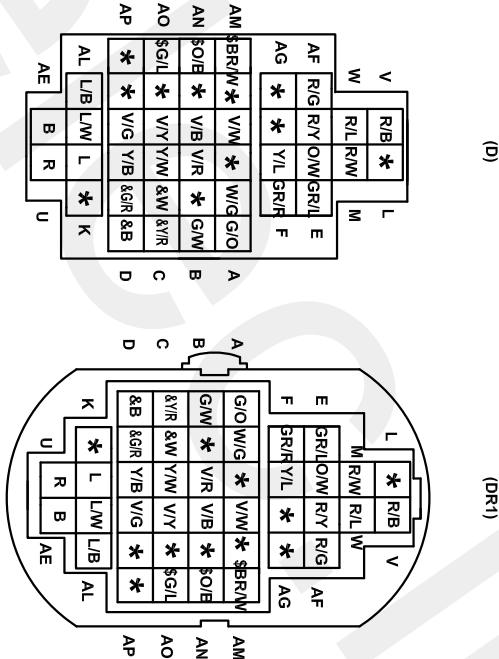
X-13 Middle harness (D) - Front door harness (DR2)

\$ with PEPS
& with 360° imaging system



X-12 Middle harness (D) -Front door harness (DR1)

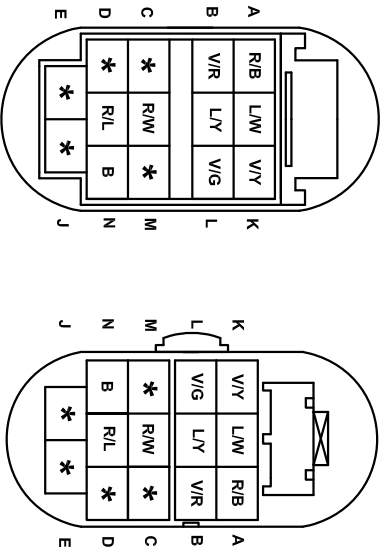
\$ with PEPS
& with 360° imaging system



X-14 Middle harness (D) -Rear left door harness (DR3)

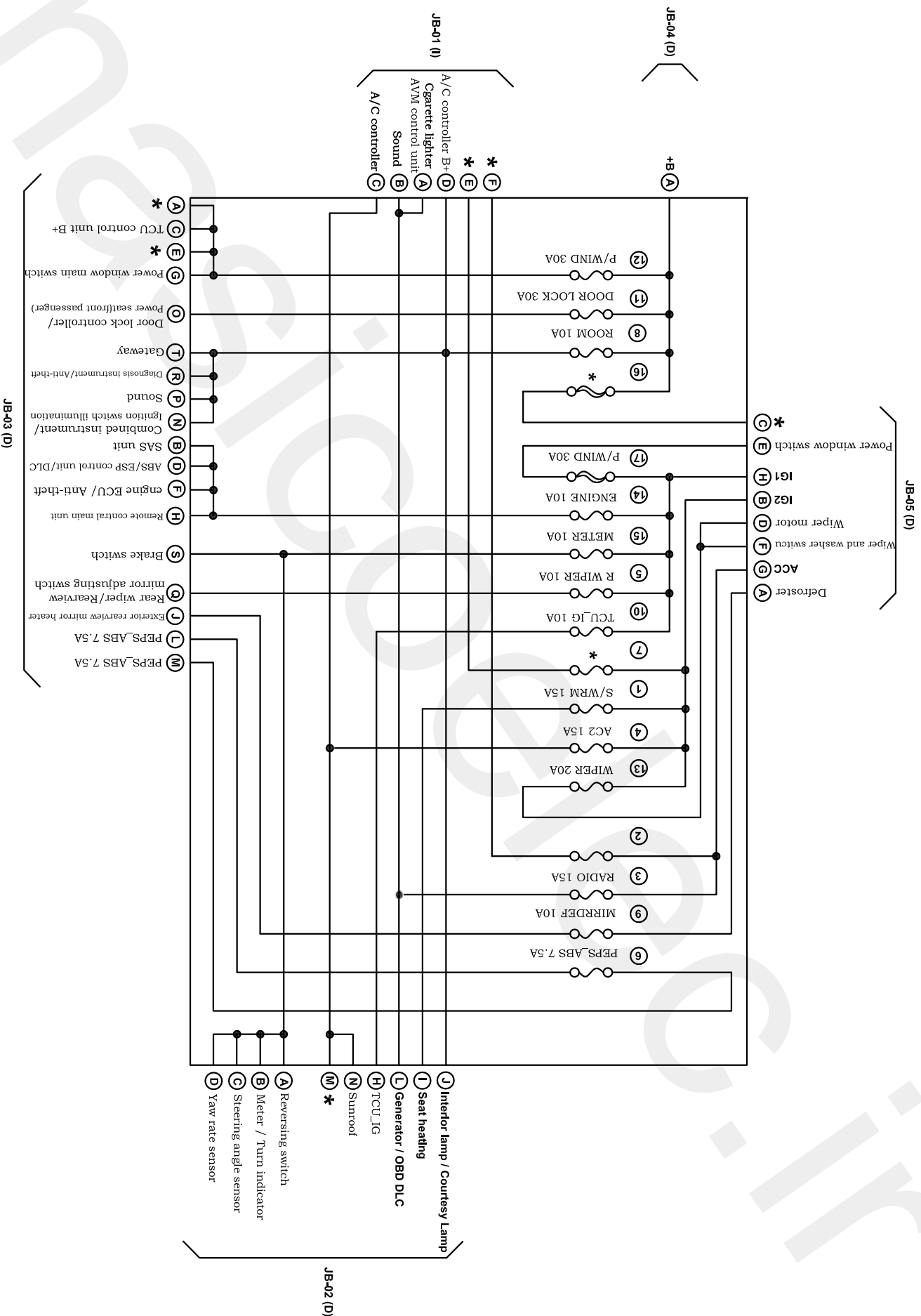
(D)

(DR3)



Common connector list (1.8T)

X-15 Middle harness (D) -Rear right door harness (DR4) (D) (DR4)	X-16 Middle harness (D) - Reversing radar harness (RA) (D) (RA)
X-17 Middle harness (D) -Interior harness (IN) (D) (IN)	X-19 Middle harness (D) -Instrument harness (I) (D) (I) X-20 Middle harness (D) -Instrument harness (I) (D) (I)
X-21 Middle harness (D) -Instrument harness (I) (D) (I)	X-22 Instrument harness (I) -Front harness (F) (I) (F) X-23 Engine harness (E) -EM harness (EM) (E) (EM)



Junction box (1.8T)

