



معاونت خدمات پس از فروش

راهنمای تعمیرات

معرفی و جانمایی دسته‌سیمها و نقشه های

الکتریکی

خودروی هایما S7

کلید مدرک ۱۵۶۳۸

تابستان ۱۳۹۴

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نقشه خوانی:

استاندارد این نقشه های الکتریکی بگونه ای است که نقشه های شماتیک هر سیستم را به صورت جداگانه ترسیم نموده و در پایین هر صفحه مشخصات کانکتور های مورد استفاده در آن نقشه آورده شده است. همچنین صفحه بعدی هر نقشه الکتریکی نقشه جانمایی اینترکانکتور ها و کانکتور های مورد استفاده در آن نقشه ترسیم شده است. به غیر از نقشه های الکتریکی و نقشه جانمایی قطعات، نقشه های فیوز ها و رله ها و همچنین اینترکانکتور ها نیز به صورت جداگانه ترسیم شده و در انتهای مستند آورده شده است.

هر نقشه با یک کد مشخص می شود و برای شناسایی هر نقشه نیاز به کد آن داریم. کدها به صورت حروف لاتین و در اکثر آنها به همراه یک عدد می باشد. نقشه ها بر اساس ترتیب حروف الفبای لاتین مرتب شده اند. بنابراین جهت یافتن هر نقشه در کتاب به کد احتیاج داریم. در هر نقشه با توجه به نیاز آن نقشه ممکن است به چندین نقشه دیگر احتیاج داشته باشیم که نقشه های مورد نیاز با ذکر کد آنها در هر نقشه آورده شده است. در ادامه جدول کلی معرفی نقشه های تمامی سیستم ها و نقشه های مرتبط با هر سیستم آورده شده است. تمامی ارتباطات الکتریکی به صورت تجمیع شده در صفحه های W-1 و W-2 آمده است.

ارتباط نقشه ها با یکدیگر در هر نقشه توسط یک عدد داخل یک دایره و نام قطعه مربوط و در زیر آن کد نقشه مرتبط نوشته شده است. به طور مثال در نقشه سیستم Start-Stop علامت ذیل نشان دهنده ارتباط بخشی از نقشه با نقشه ای با کد B-1a و قطعه رله اصلی (Main relay) می باشد :



در نقشه با کد B-1a که یکی از نقشه های سیستم سوخت رسانی و موتور میباشد نیز همین شماره (320) جهت ردیابی و قطعه مرتبط (سوئیچ Start-Stop) در نقشه سیستم Start-Stop با کد A-2 نوشته شده است.

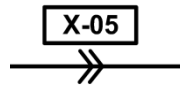


بر روی هر سیم کدی وجود دارد که نشان دهنده رنگ و دسته سیم آن می باشد. حروف خارج از پرانتز یعنی در این مثال B/W نشان دهنده رنگ سیم و همچنین حروف داخل پرانتز نشان دهنده دسته سیم می باشد. جدول معرفی کد رنگ ها و دسته سیم ها در صفحات اولیه کتاب آورده شده است.

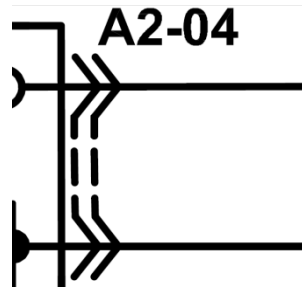
—————B/W(EM)—————

در مسیر سیم ها برای نشان دادن وجود اینترکانکتور از علامت زیر استفاده می شود. در این کتاب کد X نشاندهنده اینترکانکتور می باشد. به طور مثال اینترکانکتور X-05 مربوط به ارتباط بین دسته سیم EM (دسته سیم بزرگ موتور) و

دسته سیم جلو آمپر می باشد. جدول معرفی تمامی اینترکانکتور ها در صفحات آخر کتاب با کد های X-1 تا X-4 آمده است.

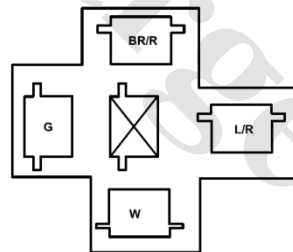


برای نشان دادن کانکتور ها از علامتهایی نظیر علامت زیر استفاده می شود. به طور مثال علامت زیر نشان دهنده آنست که کد کانکتور قطعه مذکور A2-04 می باشد و هر دو سیم بالایی و پایینی در آن قرار دارند. مشخصات کلی هر کانکتور، در پایین صفحه همان نقشه ای که در آن بکار رفته است وجود دارد.

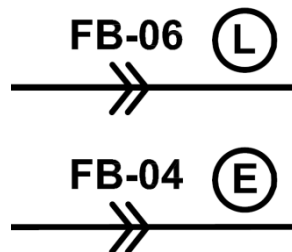


در نقشه های دسته سیم از شماره سیم استفاده نشده است و جهت ردیابی هر مسیر تنها به رنگ سیم و محل قرار گیری در کانکتور بسنده شده است. مانند شکل زیر که کانکتور A2-04 را که مربوط به رله Start-Stop می باشد را نشان داده است.

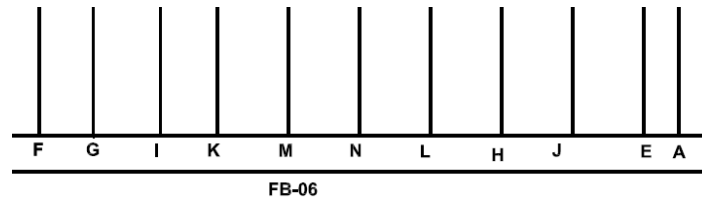
A2-04 Start-stop control relay (EM)



جهت ردیابی ارتباطات سیم ها در نقشه های فیوزها و رله ها داخل محفظه موتور و اتاق (JB و FB) بایستی از علامت ها زیر استفاده نمود.



به طور مثال خط ارتباط بالایی نشاندهنده این است که به نقشه FB در بخش FB-06 خط L و برای ارتباط پایینی در نقشه FB در بخش FB-04 خط E مراجعه گردد.



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نقشه های مرتبط	نقشه های اصلی	عنوان نقشه	زیر بخش	بخش	دیف
G-1b, B-7, B-8, G-2, A-2, Z-1b, Z-2b, F-3, U-2a, T, U, I-1	B-1a, B-1b, B-1c, B-1d	سیستم سوخت رسانی و جرقه	۱	سیستم سوخت رسانی جرقه	۱
B-1a, B-1c	B-8	سیستم خنک کننده موتور (فن ها)	۱	سیستم خنک کننده موتور (فن ها)	۲
Z-1b, Z-2b, U-2b, F-3, U, N-1c, N-2b, J-1b, K-2d, U-1, G-1a, C-1d	O-1a, O-1b	ترمز ABS	۱	سیستم ترمز	۳
Z-1b, Z-2b, U-2b, F-3, U, N-1c, N-2b, J-1b, K-2d, U-1, G-1a, C-1d	O-1a, O-1b	سیستم ESP	۲		
N-1b, S, F-4, N-2a, Z-1b, Z-2b, O-1a, C-1c, I-3, C-1b	K-2a, K-2b, K-2c K-2d	قفل مرکزی	۱	سیستم های حفاظتی و هشدار دهنده	۴
N-2b, K-2d, Z-1b, Z-2b, U, C-1d	S	کیسه هوا و کمربندهای پیش کشنده	۲		
Z-1b, Z-2b, C-1f, B-1d, U, U-2	T	ایموبلایزر	۳		
K-2d, N-2a	K-2c	قفل صندوق عقب (صندوق بران)	۴		
Z-1b, Z-2b, C-1f, B-1d, U, U-2	T	سیستم دزدگیر	۵		
M, F-2	H-1	سنسور دنده عقب	۶		
N-2b, K-2d	F-4	بوق	۷		
B-2b, A-1, K-2d, O-1a, F-3, B-1d, C-1c, C-1e, U-2, N-2b	N-1a, N-1b, N-1c	سیستم استارت بدون کلید	۸		
Z-1a, Z-1b, Z-2a, Z-2b	D-1a, D-1b	برف پاک کن و شیشه شوی	۱	برف پاک کن شیشه شوی	۵
Z-2b, Z-1b, N-2b	K-1	شیشه بالابر جلو	۱	سیستمهای مربوط به شیشه بالابرها	۶
Z-2b, Z-1b, N-2b	K-1	شیشه بالابر عقب	۲		
Z-2b, Z-1b, N-2b	K-1	Power Window	۳		
Z-2a, Z-1a, H-1	M	Sun Roof	۴		
Z-2a, Z-1a, O-1b, J-1b, B-1d, I-1, B-1c, B-1a	G-1a, G-1b, G-2	سیستم تهویه مطبوع (کولر و بخاری اتوماتیک)	۱	سیستمهای آسایشی سرنشینان	۷
Z-2b, Z-1b, I-1	L	گرمکن شیشه عقب و آینه های جانبی	۲		
Z-2b, Z-1b, I-1	L	آینه های جانبی (تنظیم و تاشو اتوماتیک)	۳		
Z-2b, Z-1b, C-1a	P	صندلی برقی	۴		
Z-2a, Z-1a, H-2, G-1a, U-2, C-1c, F-2, O-1a	J-1a J-1b	سیستمهای صوتی و تصویری (رادیو پخش و ...)	۵		
Z-1a, Z-1b, Z-2a, Z-2b, B-1d, L, G-1b	I-1	فندک و شارژر	۶		
Z-2a, Z-1a, H-2, G-1a, U-2, C-1c, F-2, O-1a	J-1a J-1b	سیستم ناوبری (مسیریاب)	۷		



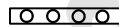

نقشه های مرتبط	نقشه های اصلی	عنوان نقشه	زیر بخش	بخش	دیف		
C-1e, N-1a	A-1, Z-1a, Z-2a	آلترناتور و استارت	۱	آلترناتور و استارت	۸		
B-1a, B-1b, U	B-7, C-1b	نمایشگر مقدار سوخت (بنزین سوز و گازسوز)	۱	نشانگرها و جلو آمپر	۹		
I-2c, P, C-1c, Z-1b, Z-2b, B-1d, K-2d, O-1a, O-1b, U-2a, F-1, E-1, J-1b, N-1c, S, E-5, B-2b, N-1c, A-1, T, N-2a, B-2b	C-1a, C-1b, C-1c, C-1d, C-1e, C-1f, C-1g	صفحه نمایشگر (پشت آمپر)	۲				
C-1a, C-1b, C-1c, C-1e, C-1f, C-1g	C-1d	نشانگر فشار روغن موتور	۳				
G-1b	B-1c, C-1b	نشانگر دمای مایع خنک کننده	۴				
C-1a, C-1d	C-1c	چراغ اخطار سطح روغن ترمز و ترمز دستی	۵				
E-1	E-7	چراغهای جانبی (پارک و پلاک)	۱				
I-2a/I-2c, P, E-7, C-1c	E-1, E-2	چراغهای اصلی و تنظیم ارتفاع چراغها	۲				
C-1d	E-5	مه شکن جلو و عقب	۳	سیستم روشنایی	۱۰		
Z-1b, Z-2b, J-1a/J-1b, H-1, H-2b	F-2	چراغ دنده عقب	۴				
N-2a, N-2b, C-1c	F-1	راهنما و فلاشر	۵				
K-2d, N-2b	I-3	چراغ سقفی	۶				
N-1c, O-1a, B-1d, Z-1b, Z-2b	F-3	چراغ ترمز	۷				
C-1a, E-1	I-2a, I-2b, I-2c	سیستم تنظیم نور چراغها و نمایشگرها	۸				
B-2b, B-1c, O-1a, O-1b, Q, J-1b, C-1b, N-2a, N-1c	U-2a, U2b	نودها و یونیتها	۱			سیستم مالتی پلکس	۱۱
Z-1b, Z-2b, Z-1a, N-1a, N-1c, C-1e	B-2a, B-2b	گیربکس اتوماتیک	۱			سیستم انتقال قدرت	۱۲
	FB, JB	فیوزها و رله ها	۱	فیوزها و رله ها	۱۳		
B-1a, Z-1a	A-2	آپشن - Start+Stop	۱	آپشن	۱۴		
F-2, J-1b	H-2	آپشن - دوربین دنده عقب	۲				
F-3, U	B-1d	آپشن - کروز کنترل	۳				
	X-1, X-2, X-3, X-4	اینترکانکتورها	۱	اینترکانکتور	۱۵		

General Wire Color Code

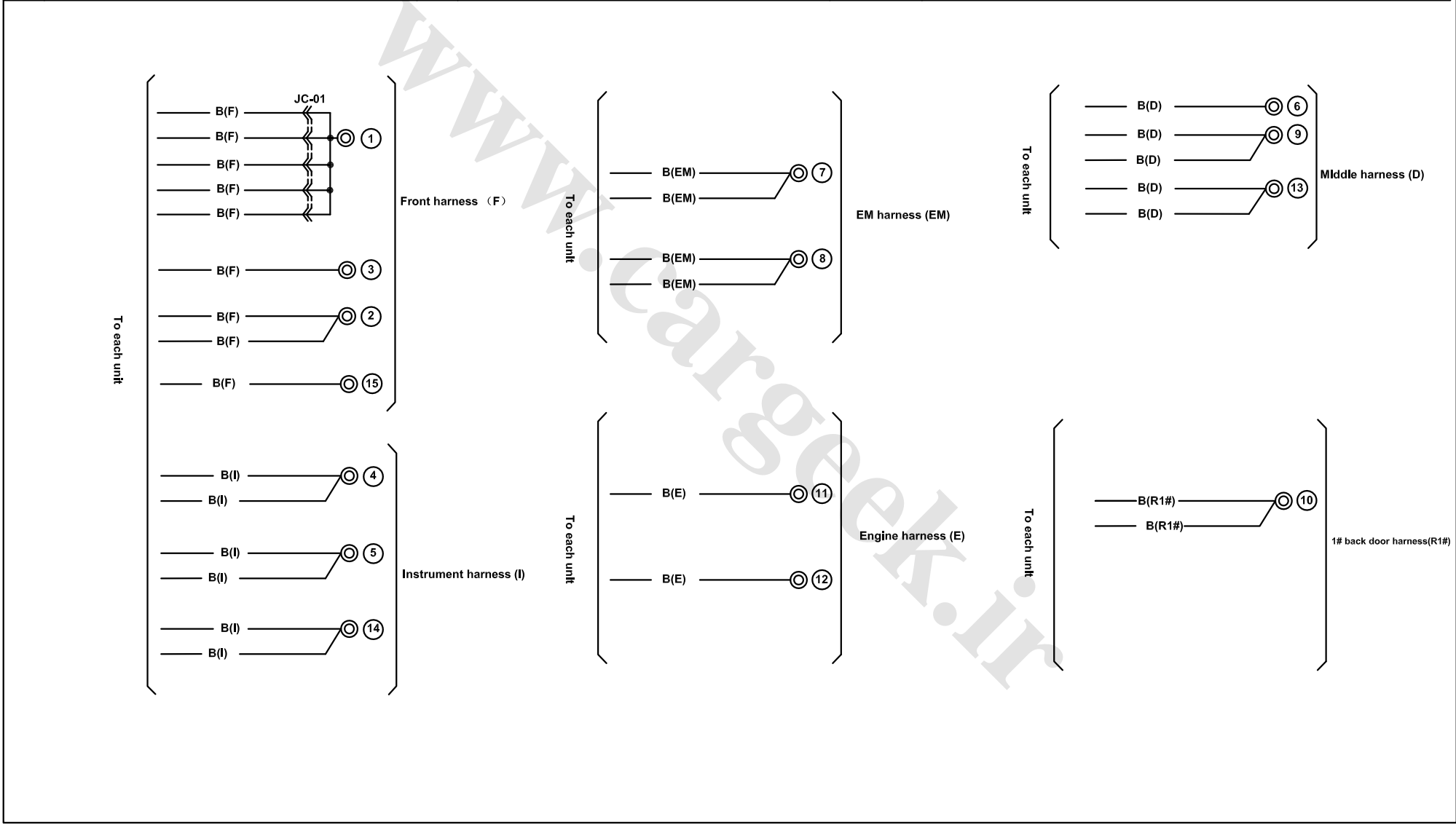
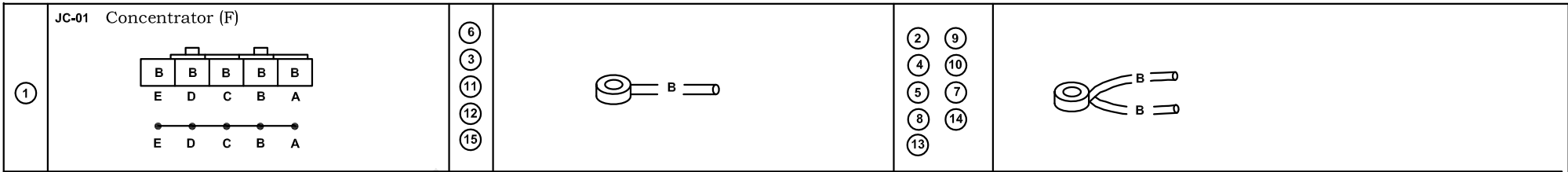
Color	Code	Color	Code
Black	B	Light Green	LG
Brown	BR	Orange	O
Dark blue	DL	Pink	P
Dark Green	DG	Red	R
Gray	GR	Sky Blue	SB
Green	G	Violet	V
Light blue	LB	White	W
Blue	L	Yellow	Y

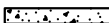
Reading Instruction For Wiring Diagram

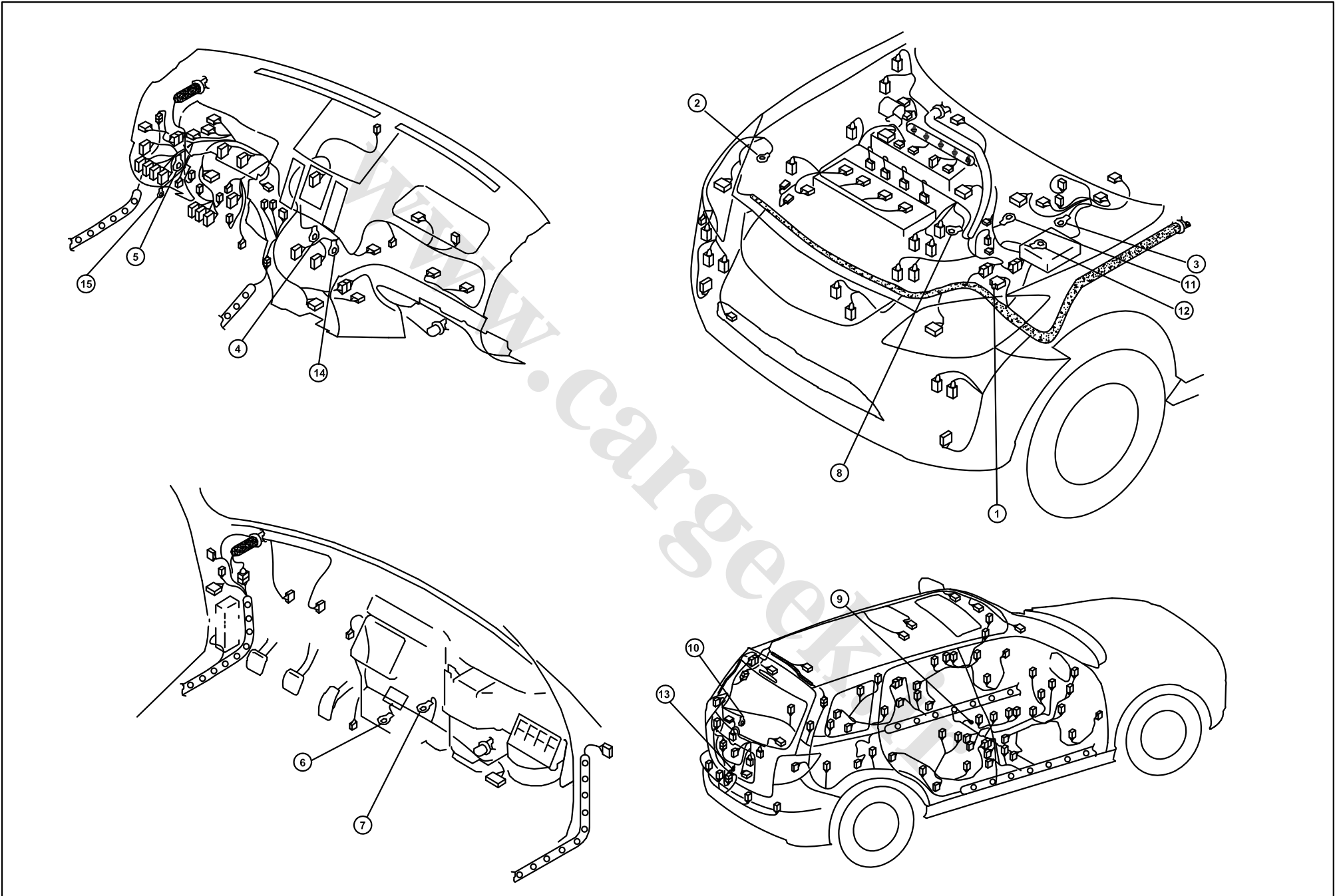
Harness symbol

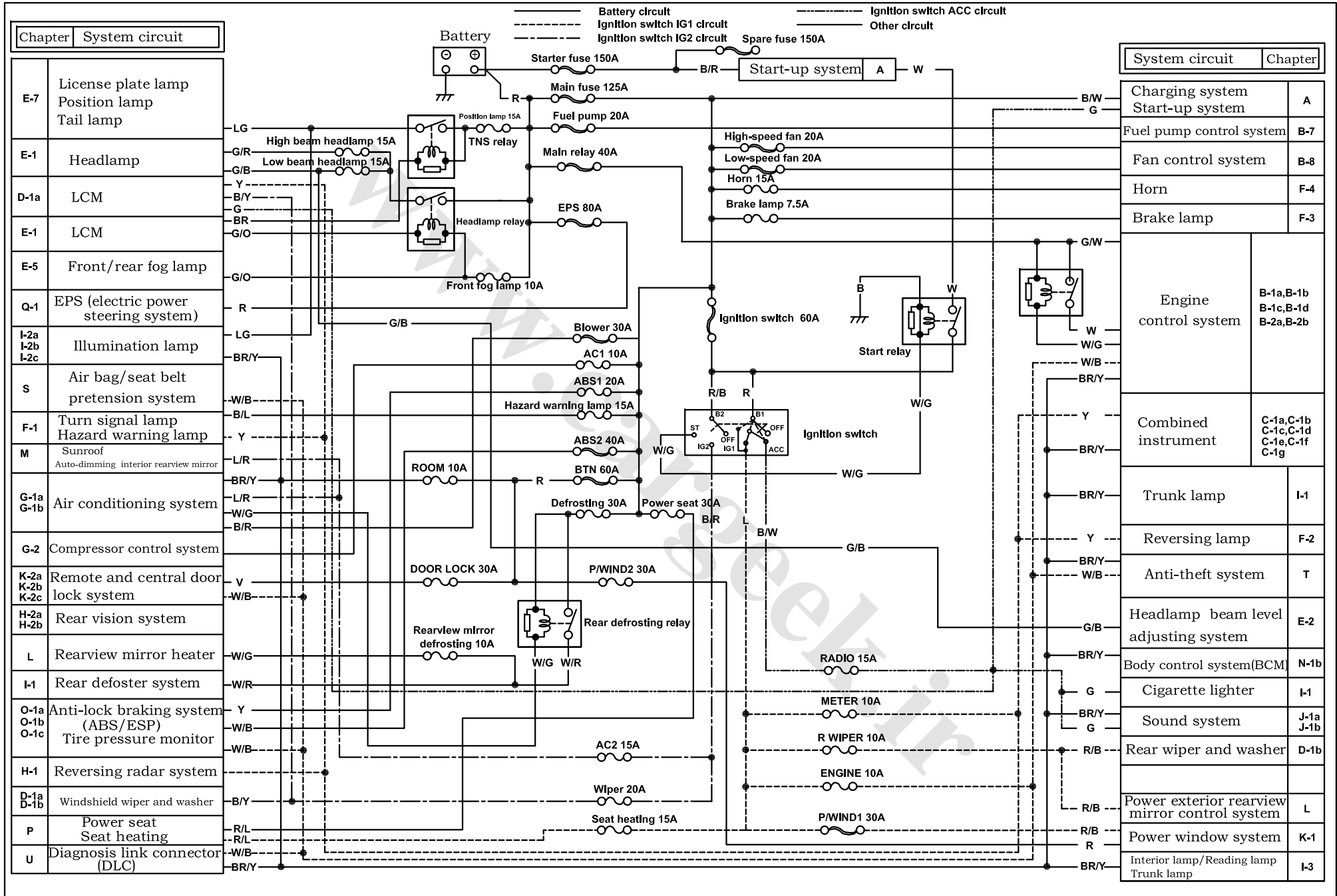
Name	Symbol	Name	Symbol
Front harness	F 	Grounding harness	EA
Engjne harness	E 	Interior harness	IN
EM harness	EM	Reversing radar harness	RA
Middle harness	D 	2# Back door harness	R2#
Rear harness	R 	1# Back door harness	R1#
Front left door harness	DR1		
Front right door harness	DR2		
Rear left door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

Ground point

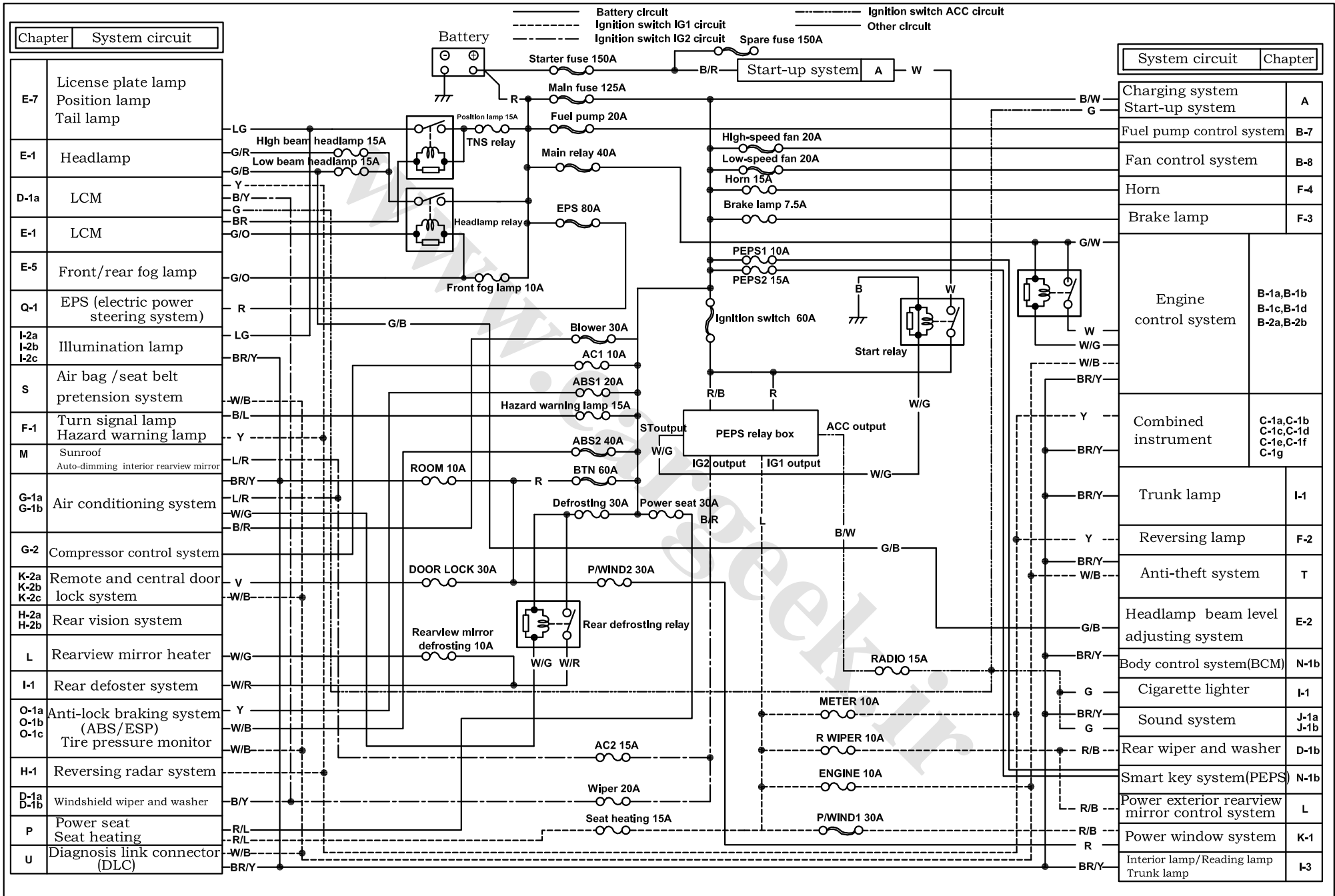


Harness mark:  (F)  (E)  (D)  (R)

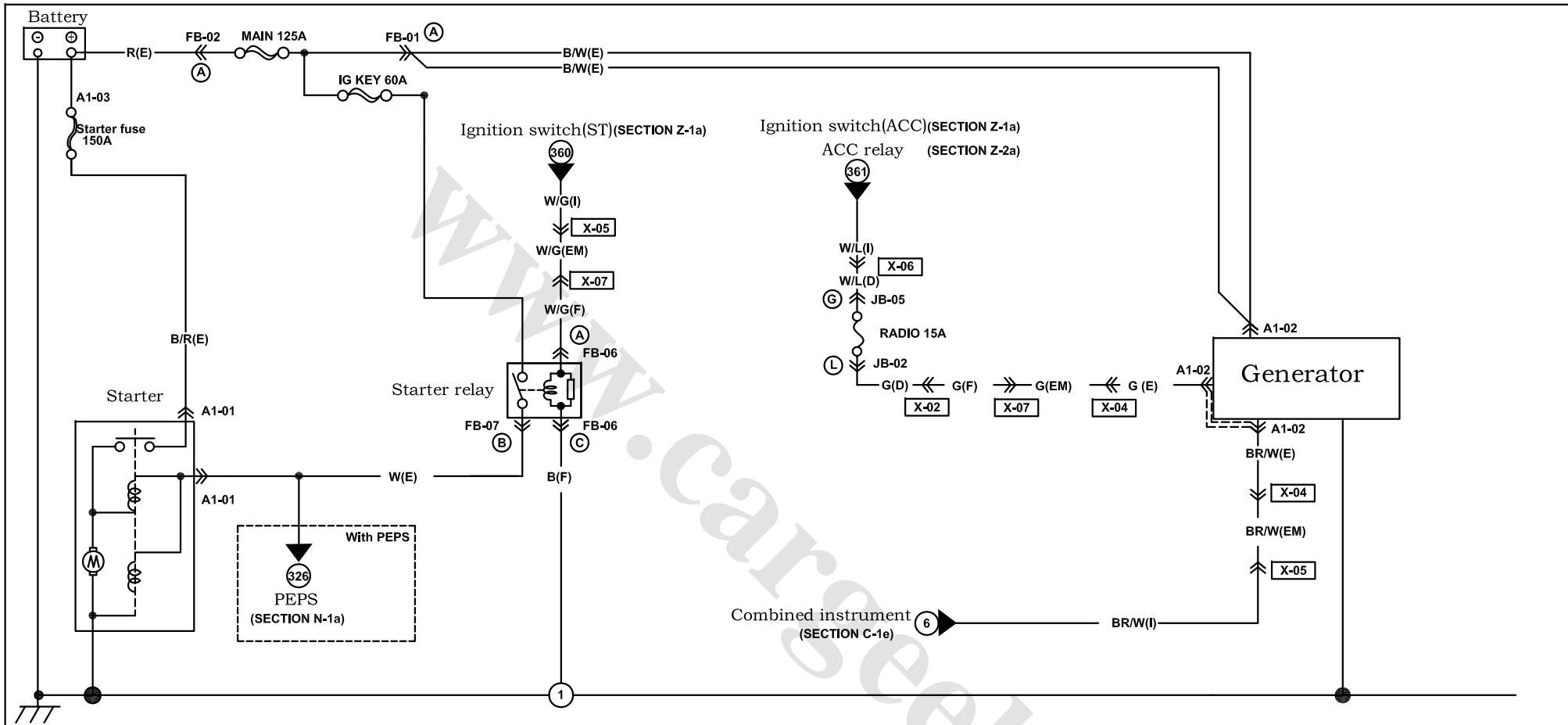






Electric harness schematic (with smart key)

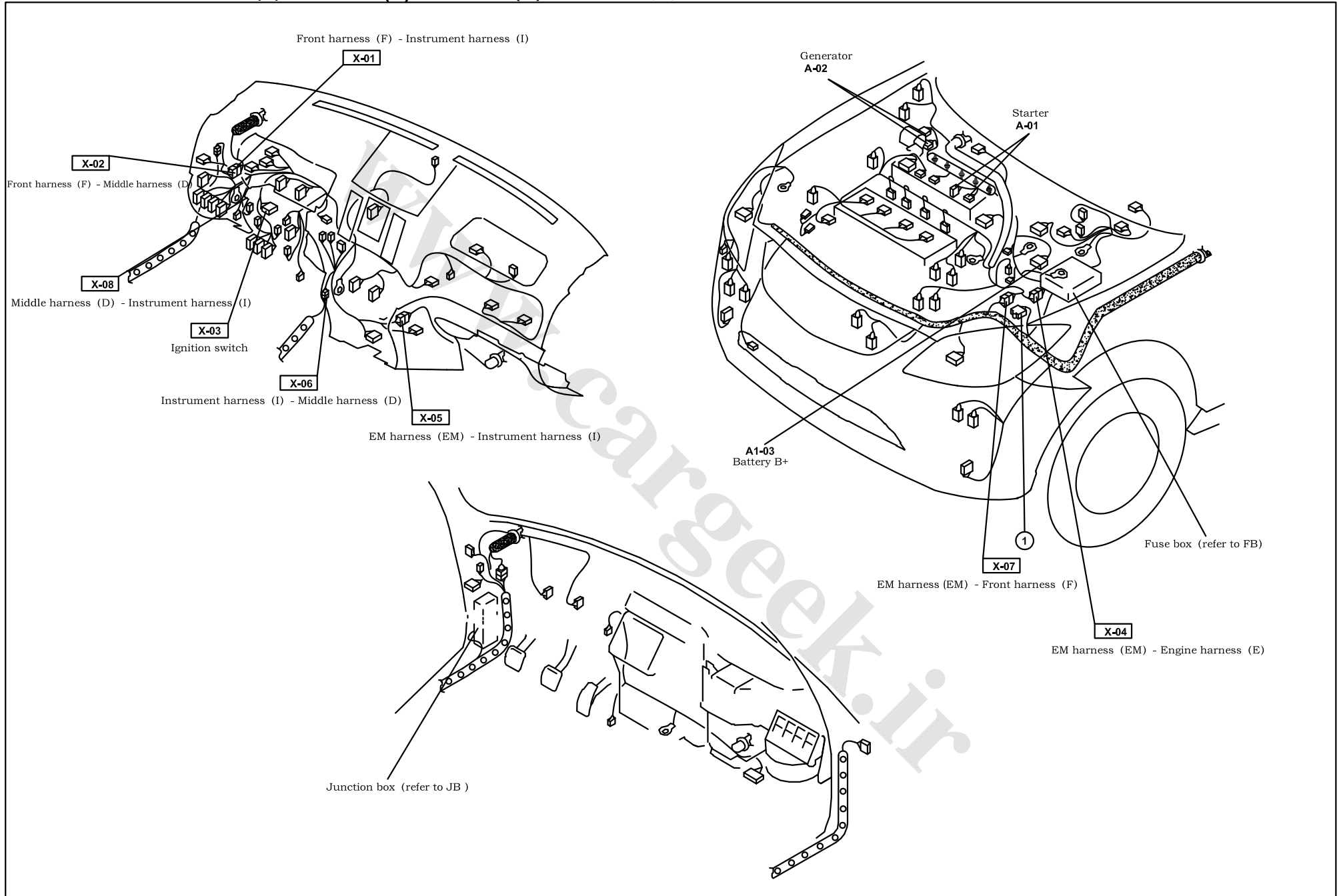


Charging system/start-up system

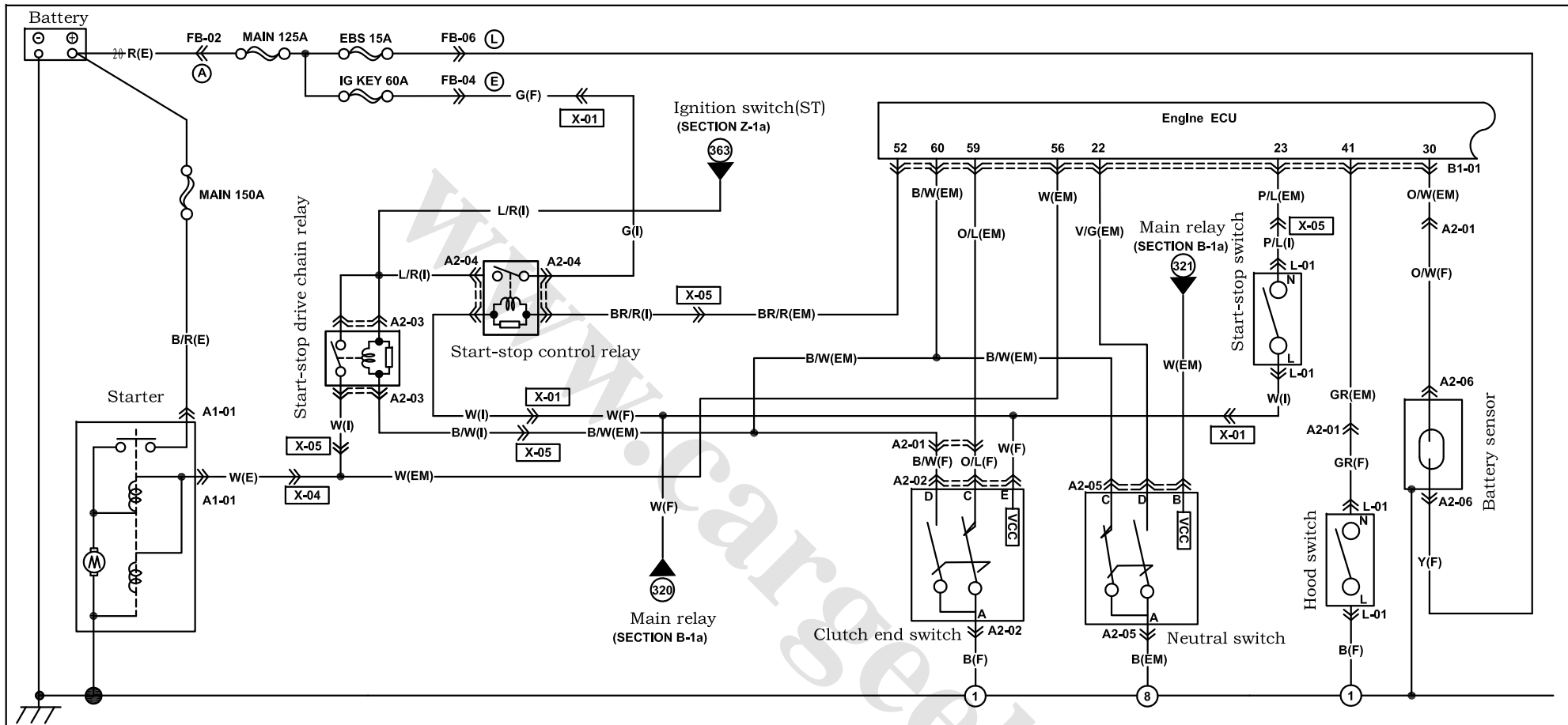


<p>A1-01 Starter (E)</p>	<p>A1-02 Generator (E)</p>	<p>A1-02 Generator (E)</p>	<p>A1-03 Battery B+ (E)</p>			

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



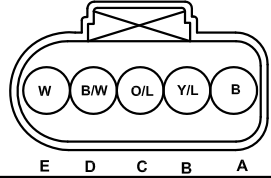
Start-stop start-up system



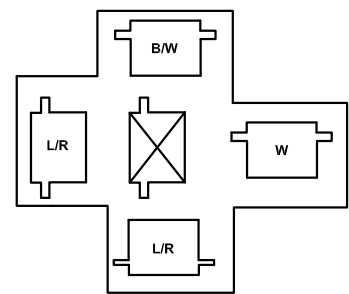
A1-01 Starter (E)



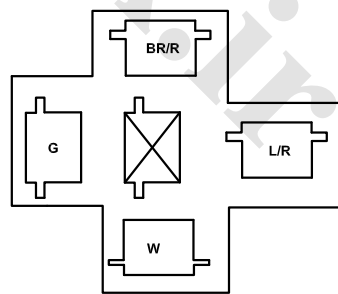
A2-02 Clutch switch (EM)



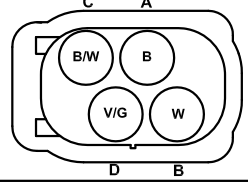
A2-03 Start-stop drive chain relay (EM)



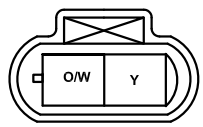
A2-04 Start-stop control relay (EM)



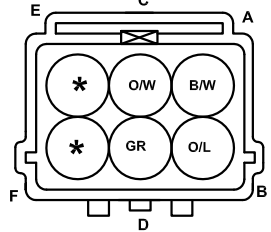
A2-05 Neutral switch (EM)



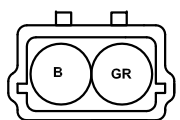
A2-06 Battery sensor (F)



A2-01 Start-stop connector (EM)



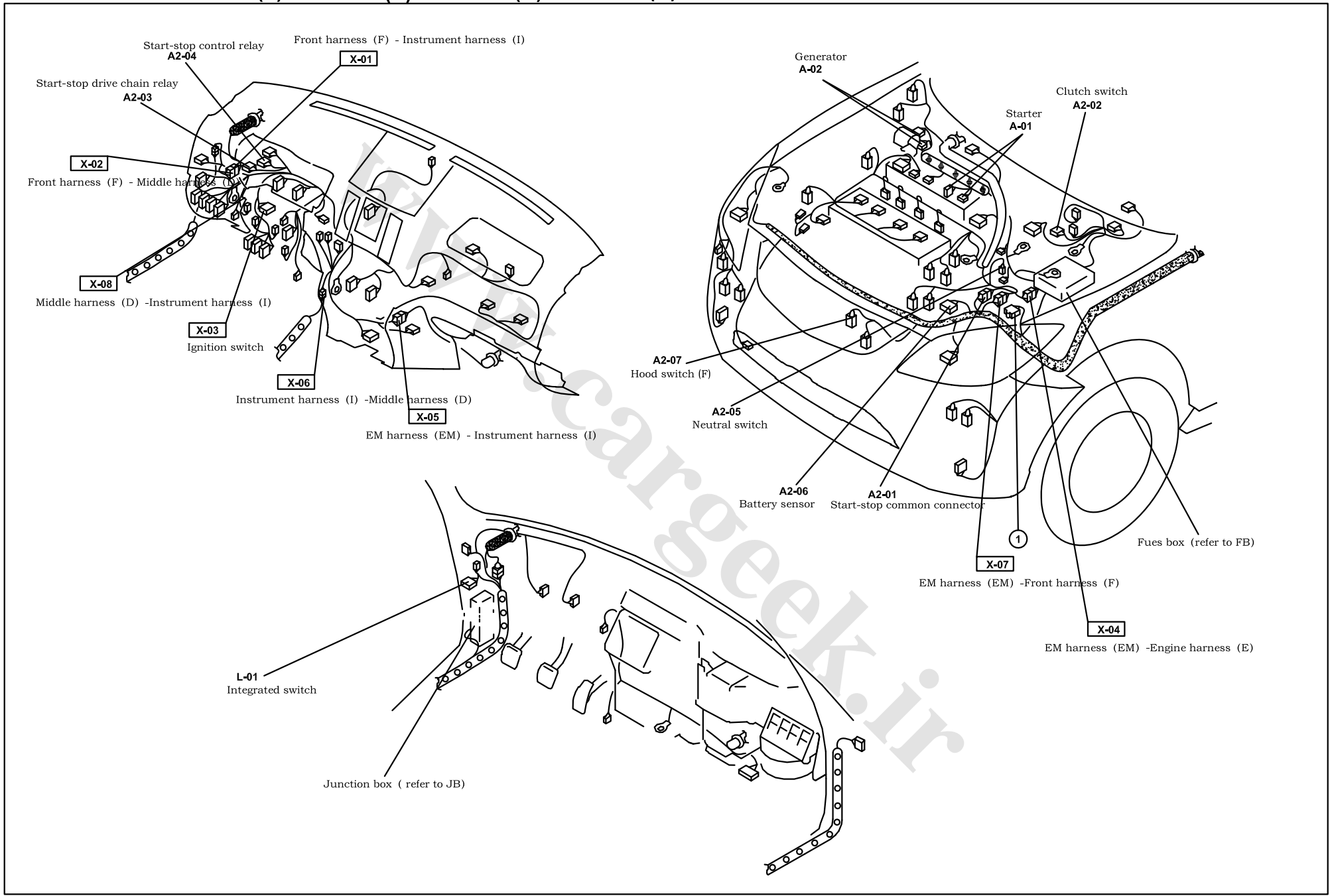
A2-07 Hood switch (F)

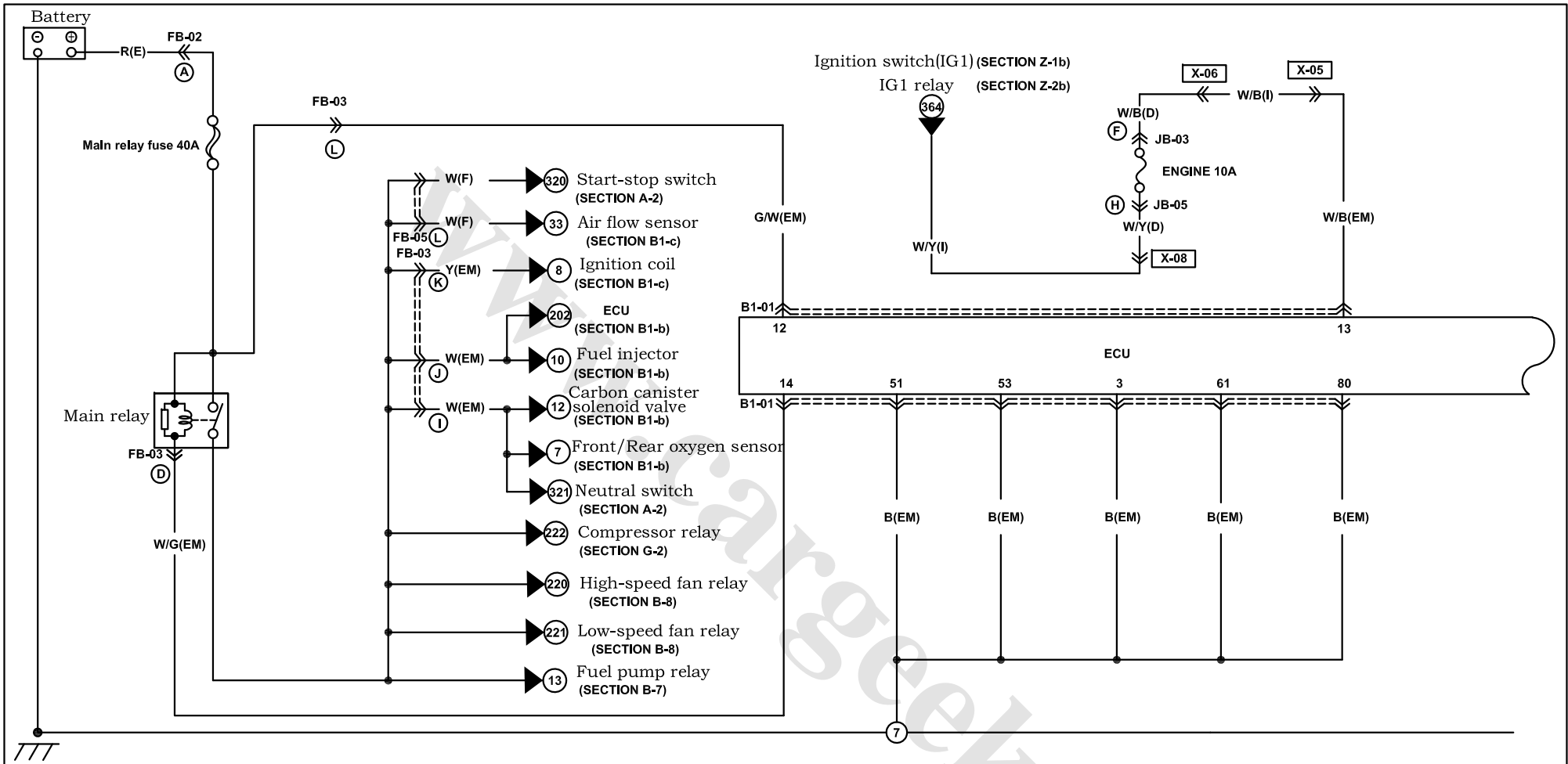


L-01 Integrated Switch (I) <> with start-stop

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

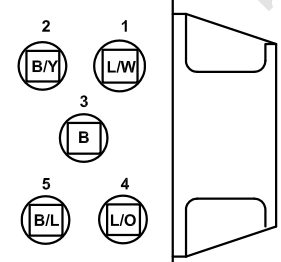
Harness mark:  (F)  (E)  (D)  (R)









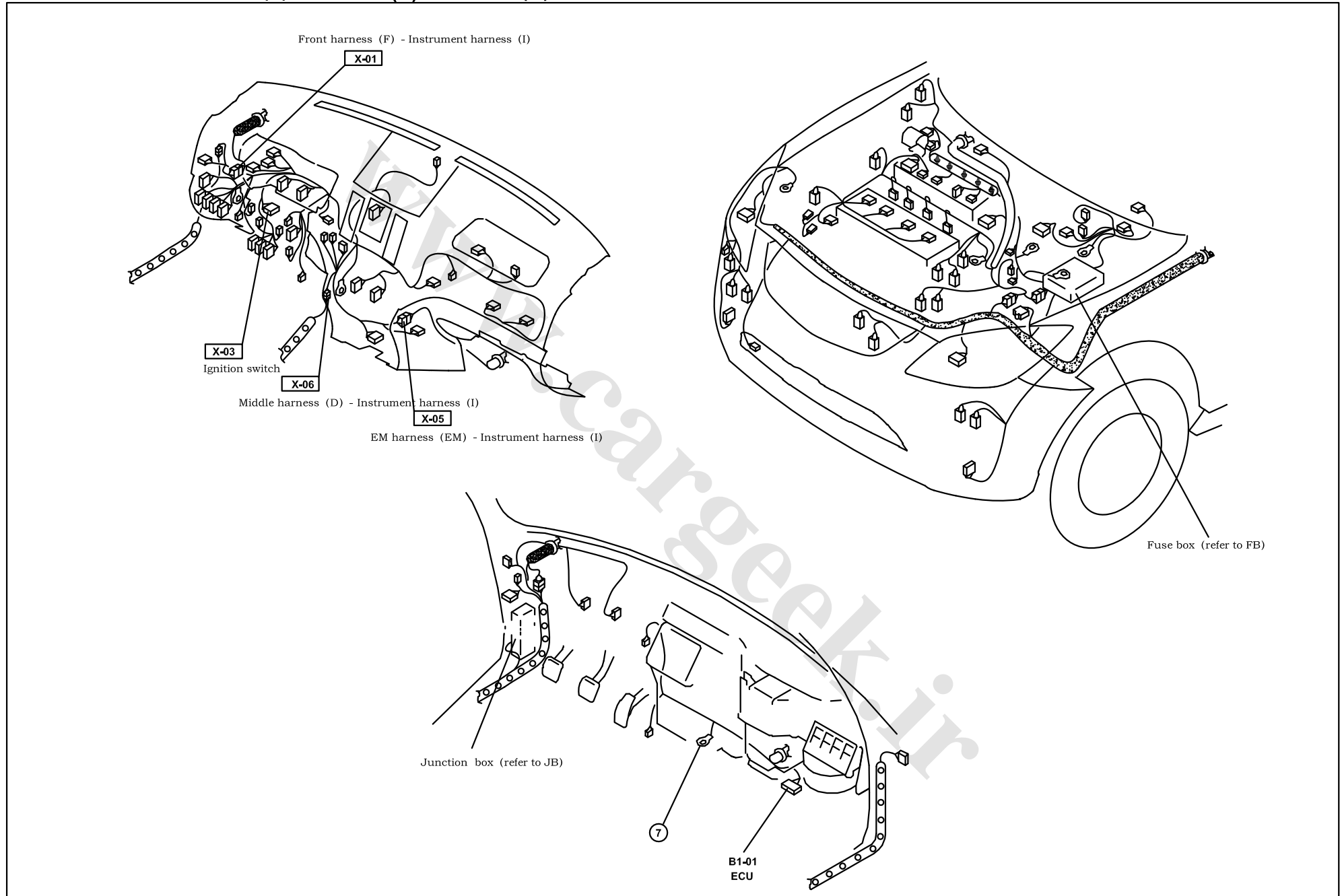
B1-01 ECU(EM)

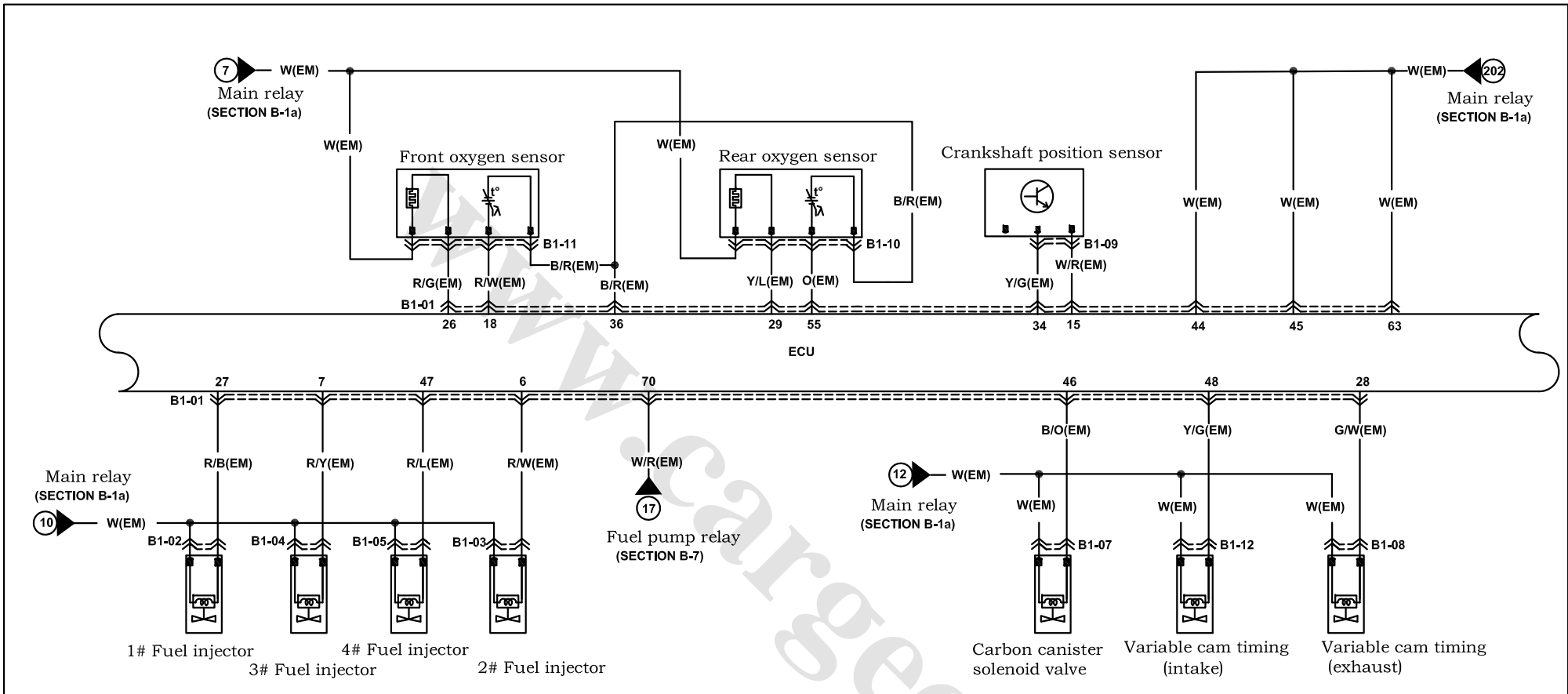
63	W	B/R	B/R	G/L	G/L	LG	BR/Y	W/R	G/B	Y/G	Y	Y/L	G	*	&Y/R	P	W/L	B	L/O	81
	W	W	B/O	R/L	Y/G	*	L/R	B	&B/R	B	V	O	&W	LG/R	B/L	&O/L	&B/W	B	B/G	62
44																				
25	*	R/G	R/B	G/W	Y/L	&O/W	*	Y	B/W	Y/G	Y/L	B/R	BR	P/L	L	B/Y	&G/R	V/W	&P/G	43
	R/W	R/Y	GR/L	*	*	&GR/R	G/W	W/B	W/G	W/R	GR	LG/B	R/W	L/B	L/W	R/G	&V/G	*	*	24
6																				



< > AT model & Start-stop model

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



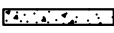

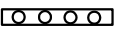
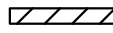


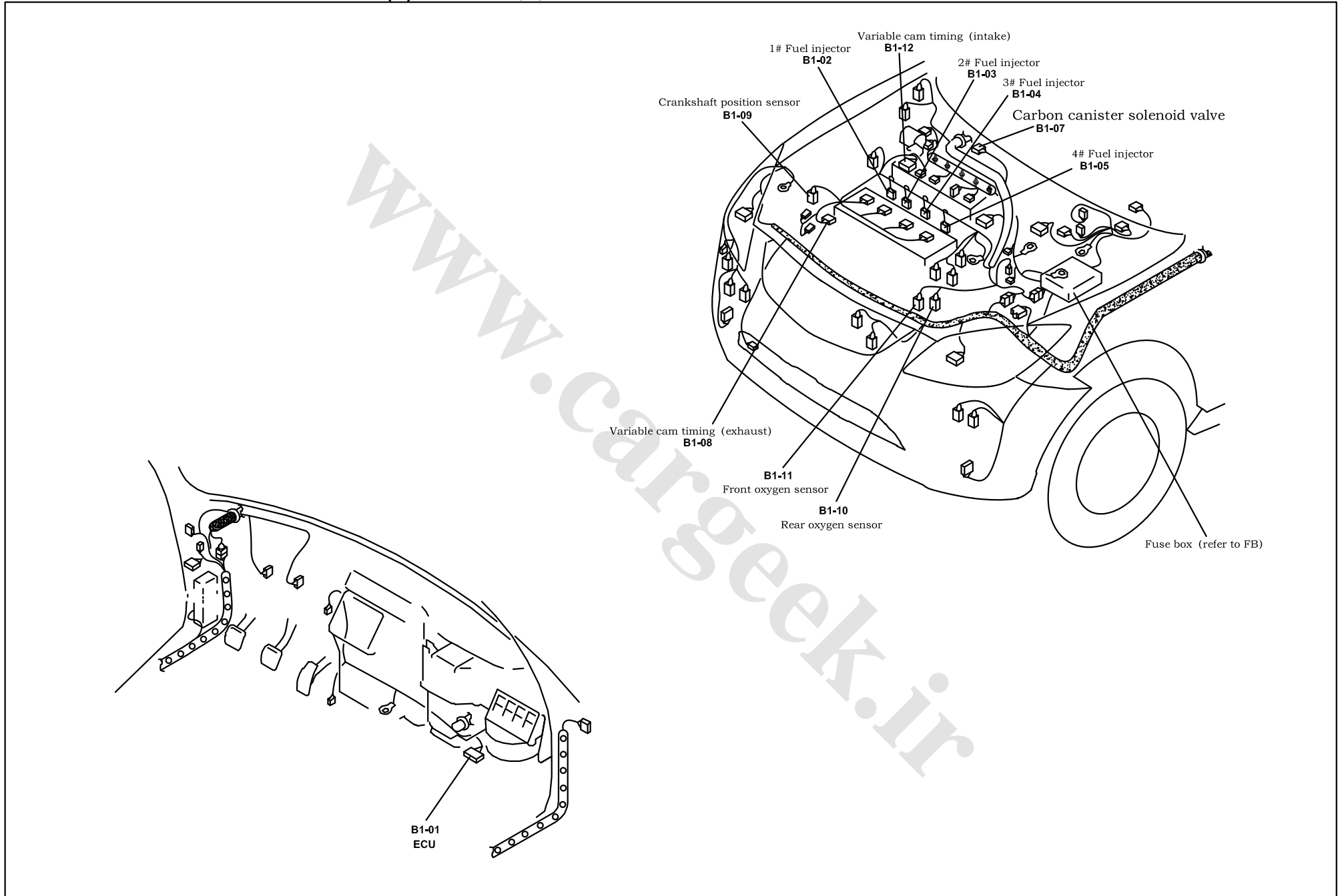
B1-01 ECU(EM)

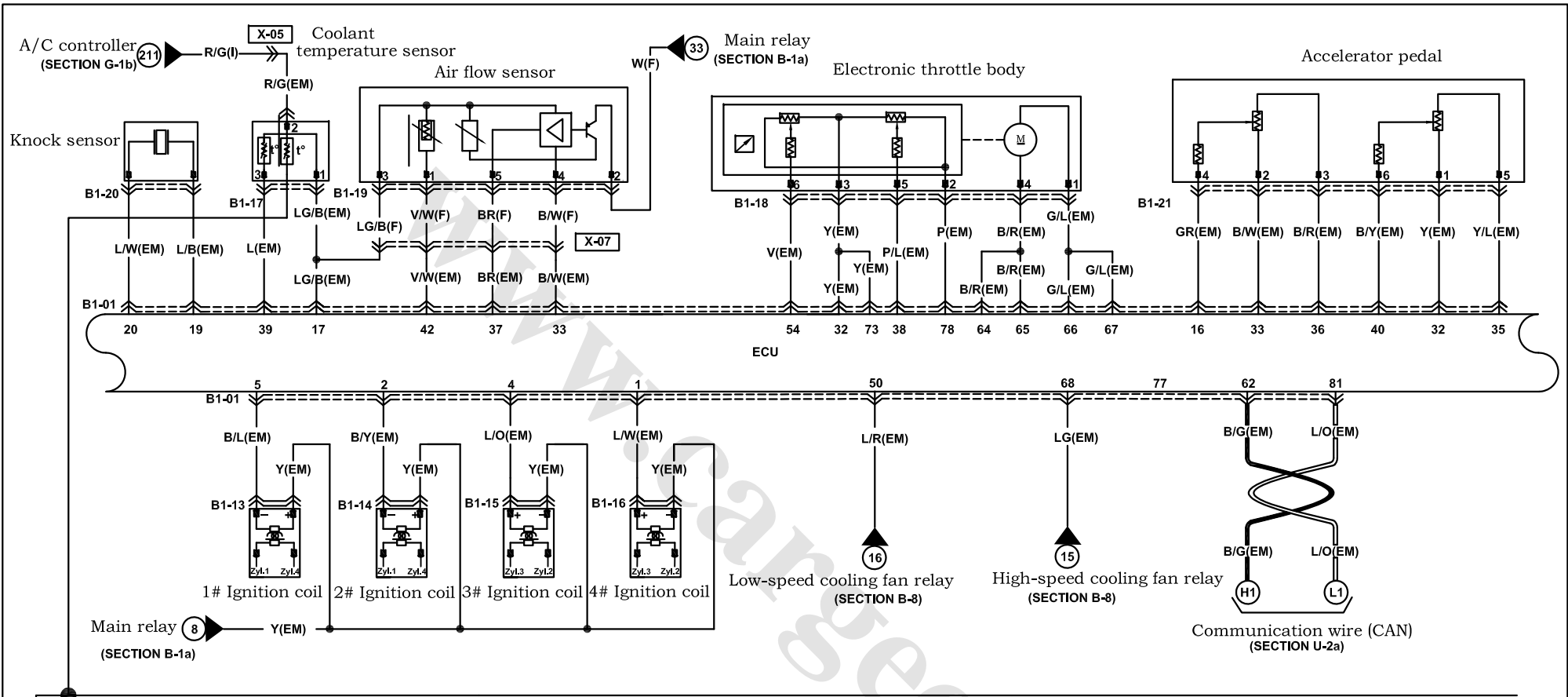
<> AT Model & Start-stop model

63	W	B/R	B/R	G/L	G/L	LG	BR/Y	W/R	G/B	Y/G	Y	Y/L	G	*	&Y/R	P	W/L	B	L/O	81
	W	W	B/O	R/L	Y/G	*	L/R	B	&B/R	B	V	O	&W	LG/R	B/L	&O/L	&B/W	B	B/G	62
44																				
25	*	R/G	R/B	G/W	Y/L	&O/W	*	Y	B/W	Y/G	Y/L	B/R	BR	P/L	L	B/Y	&G/R	V/W	&P/G	43
	R/W	R/Y	GR/L	*	*	&GR/R	G/W	W/B	W/G	W/R	GR	LG/B	R/W	L/B	L/W	R/G	&V/G	*	*	24
6																				

B1-02 1# Fuel injector(EM)	B1-03 2# Fuel injector(EM)	B1-04 3# Fuel injector(EM)	B1-05 4# Fuel injector(EM)
B1-07 Carbon canister solenoid valve(EM)	B1-08 Variable cam timing(EM)	B1-09 Crankshaft position sensor(EM)	
B1-10 Rear oxygen sensor(EM)	B1-11 Front oxygen sensor(EM)	B1-12 Variable cam timing (EM)	

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

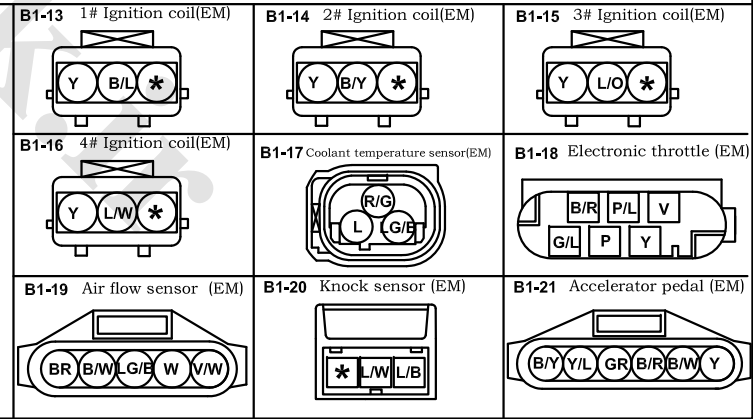
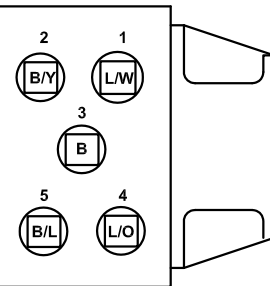


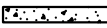

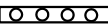



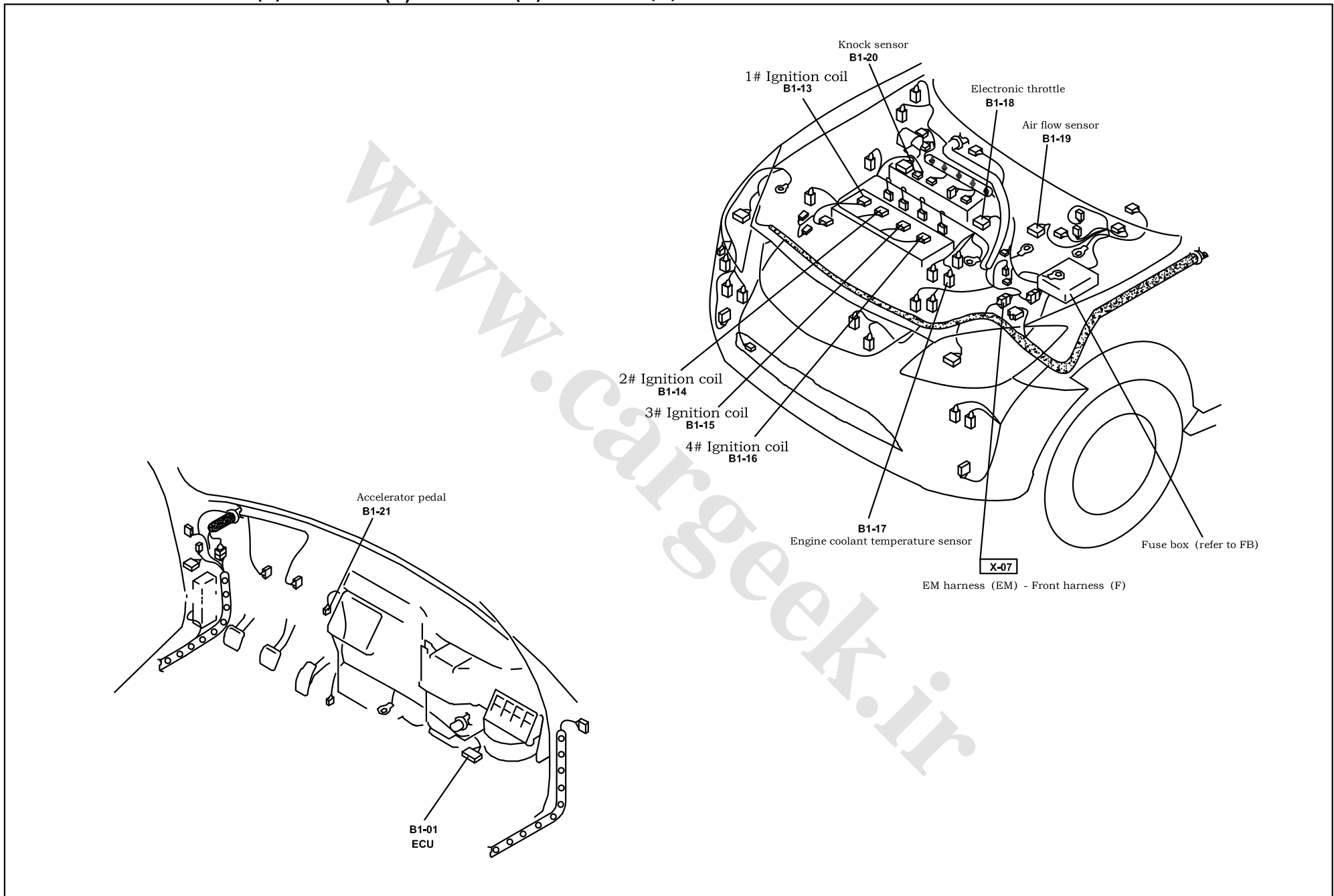
B1-01 ECU(EM)

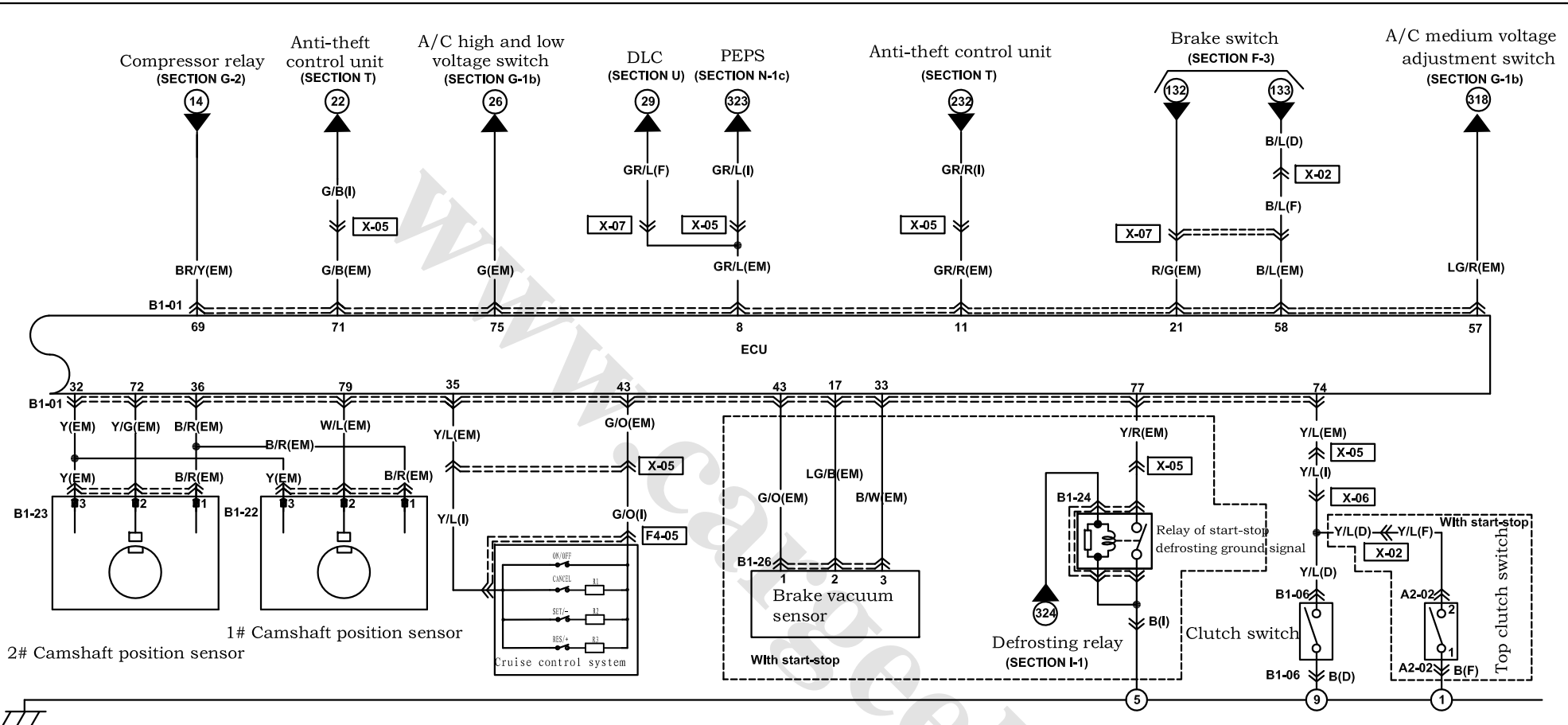
<> AT Model & Start-stop model

63	W	B/R	B/R	G/L	G/L	LG	BR/Y	W/R	G/B	Y/G	Y	Y/L	G	*	&Y/R	P	W/L	B	L/O	81
	W	W	B/O	R/L	Y/G	*	L/R	B	&B/R	B	V	O	&W	LG/R	B/L	&O/L&B/W	B	B/G		62
44																				
25	*	R/G	R/B	G/W	Y/L	&Q/W	*	Y	B/W	Y/G	Y/L	B/R	BR	P/L	L	B/Y	&G/R	V/W	&P/G	43
	R/W	R/Y	GR/L	*	*	&GR/R	G/W	W/B	W/G	W/R	GR	LG/B	R/W	L/B	L/W	R/G	&V/G	*	*	24
6																				



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

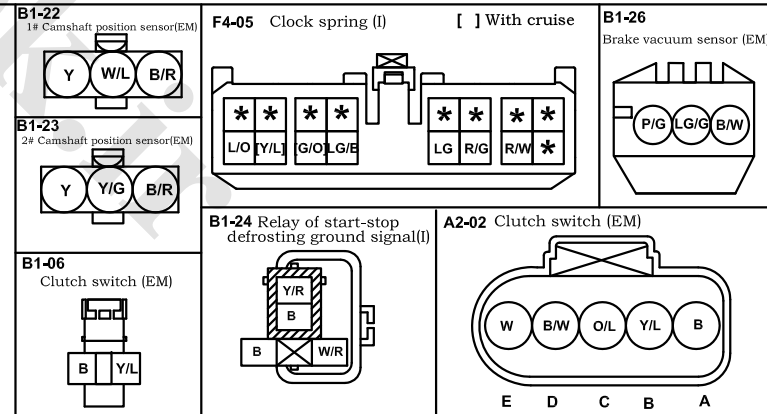
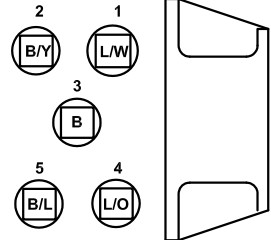




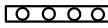



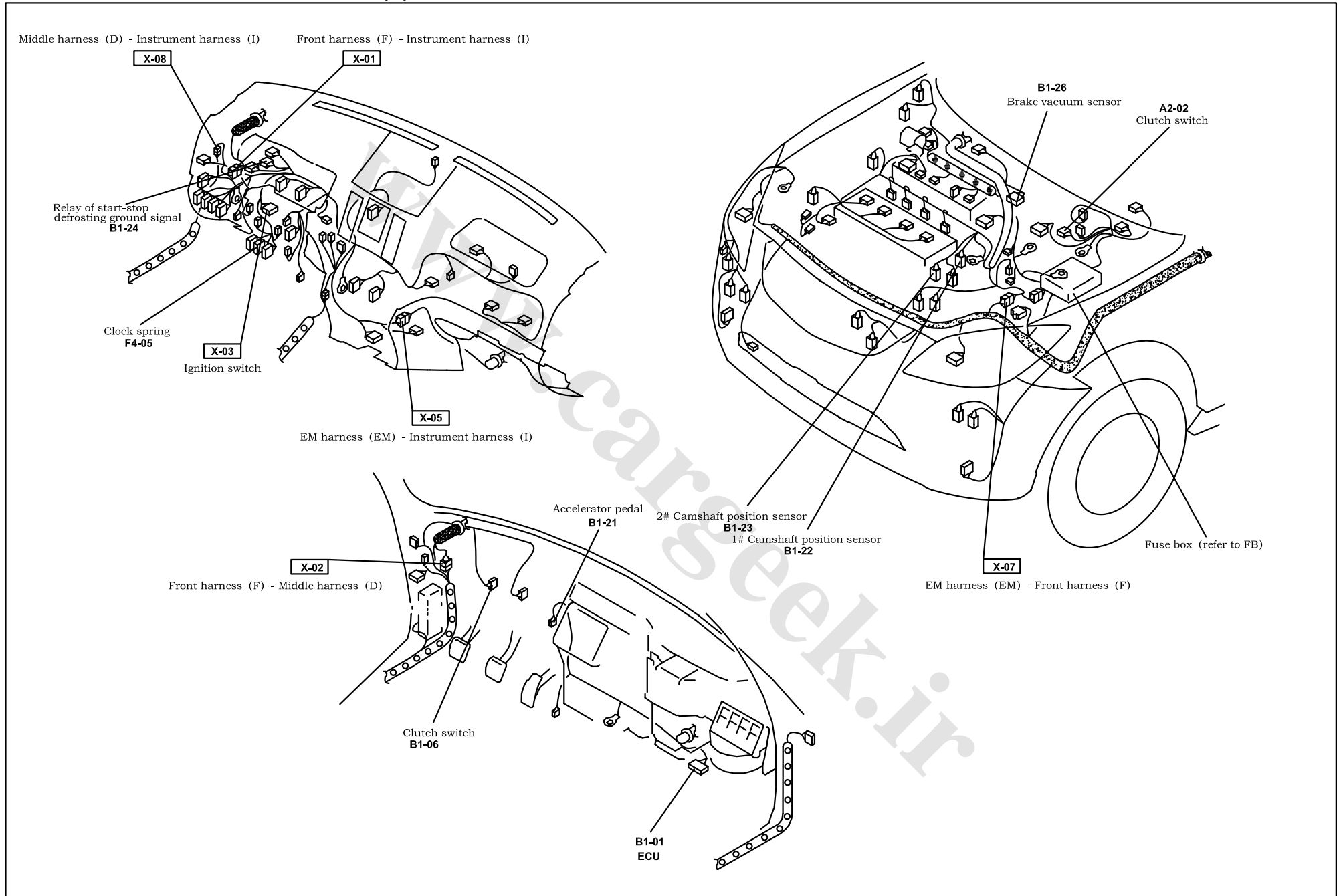
B1-01 ECU(EM)

< > AT Model & Start-stop model

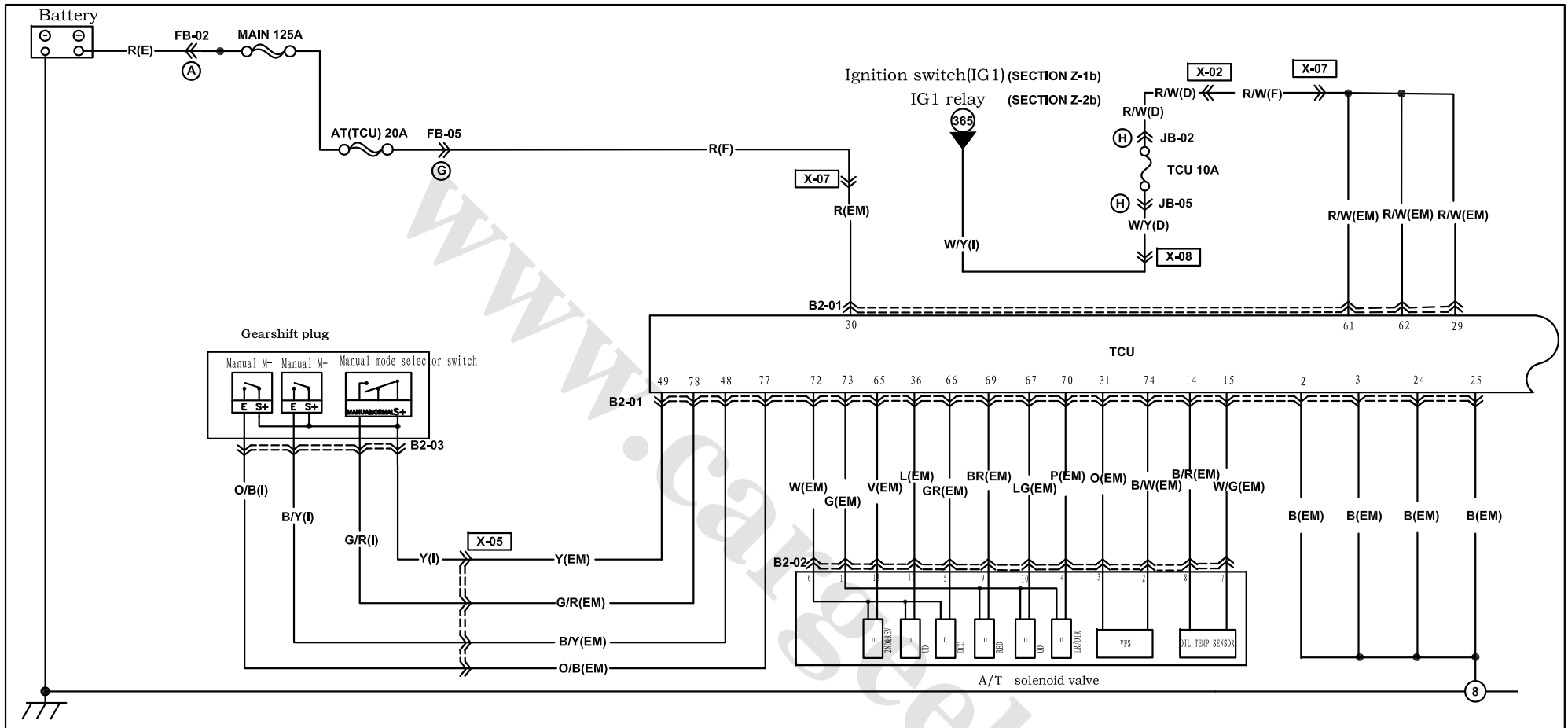
63	W	B/R	B/R	G/L	G/L	LG	BR/Y	W/R	G/B	Y/G	Y	Y/L	G	*	&Y/R	P	W/L	B	L/O	81
	W	W	B/O	R/L	Y/G	*	L/R	B	&B/R	B	V	O	&W	LG/R	B/L	&O/L	&B/W	B	B/G	62
44																				
25	*	R/G	R/B	G/W	Y/L	&Q/W	*	Y	B/W	Y/G	Y/L	B/R	BR	P/L	L	B/Y	&G/R	V/W	&P/G	43
	R/W	R/Y	GR/L	*	*	&GR/R	G/W	W/B	W/G	W/R	GR	LG/B	R/W	L/B	L/W	R/G	&V/G	*	*	24
6																				



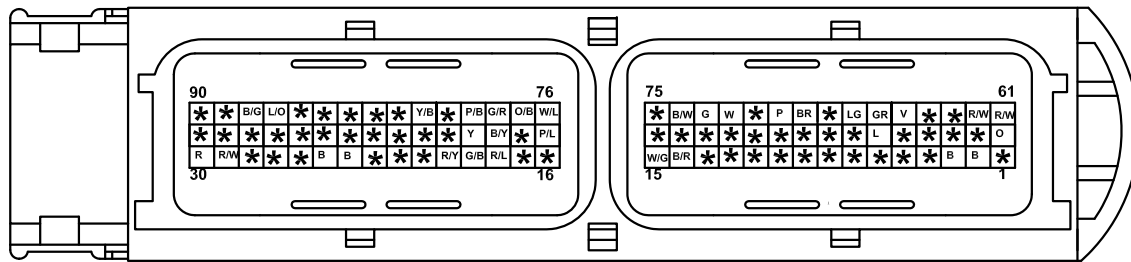
Harness mark:  (F)  (E)  (D)  (R)



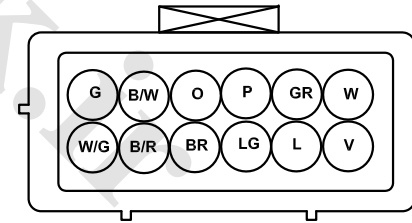
Transmission control system (AT)



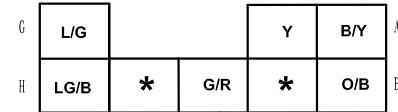
B2-01 TCU(EM)



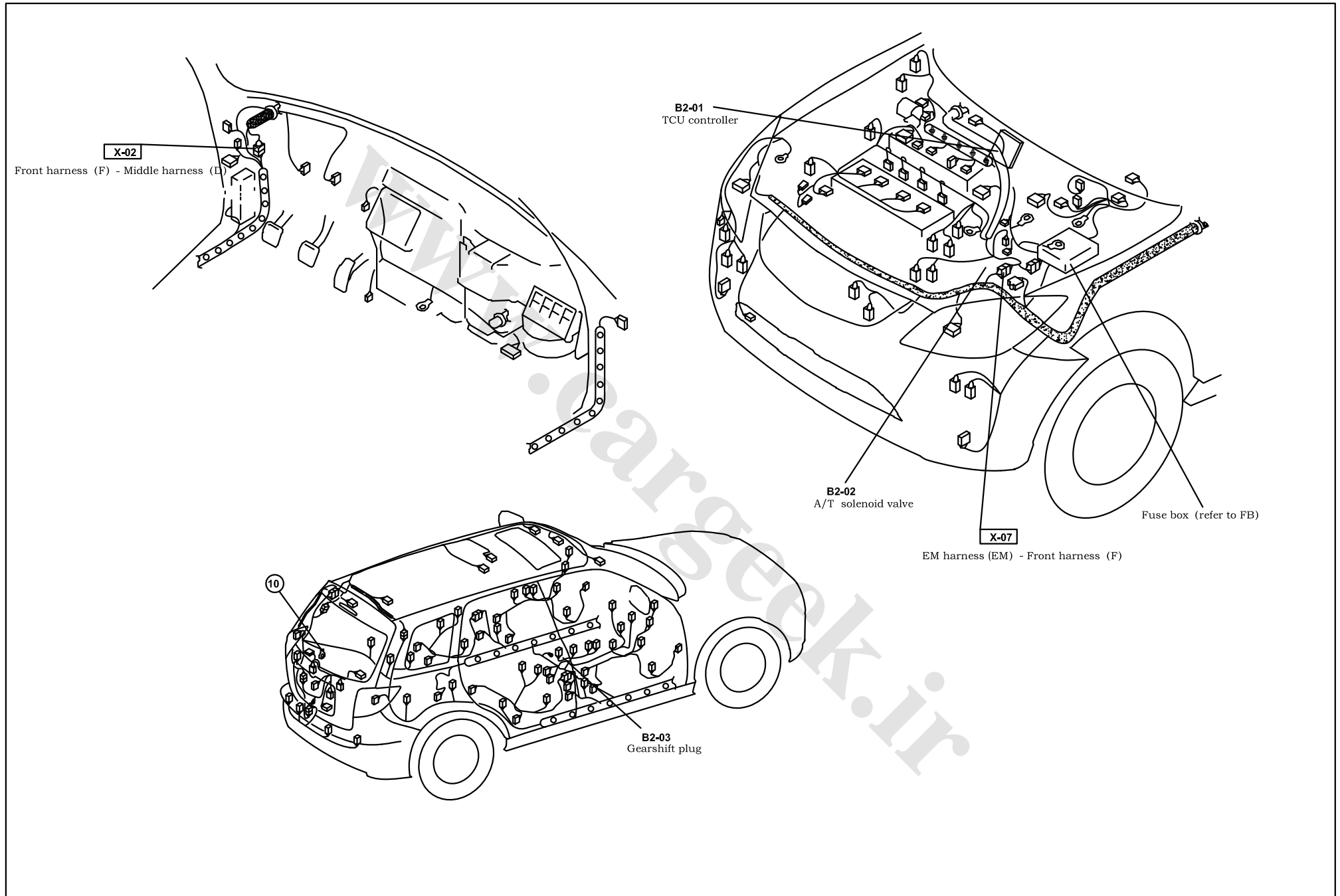
B2-02 A/T solenoid valve (EM)



B2-03 Gearshift plug (I)

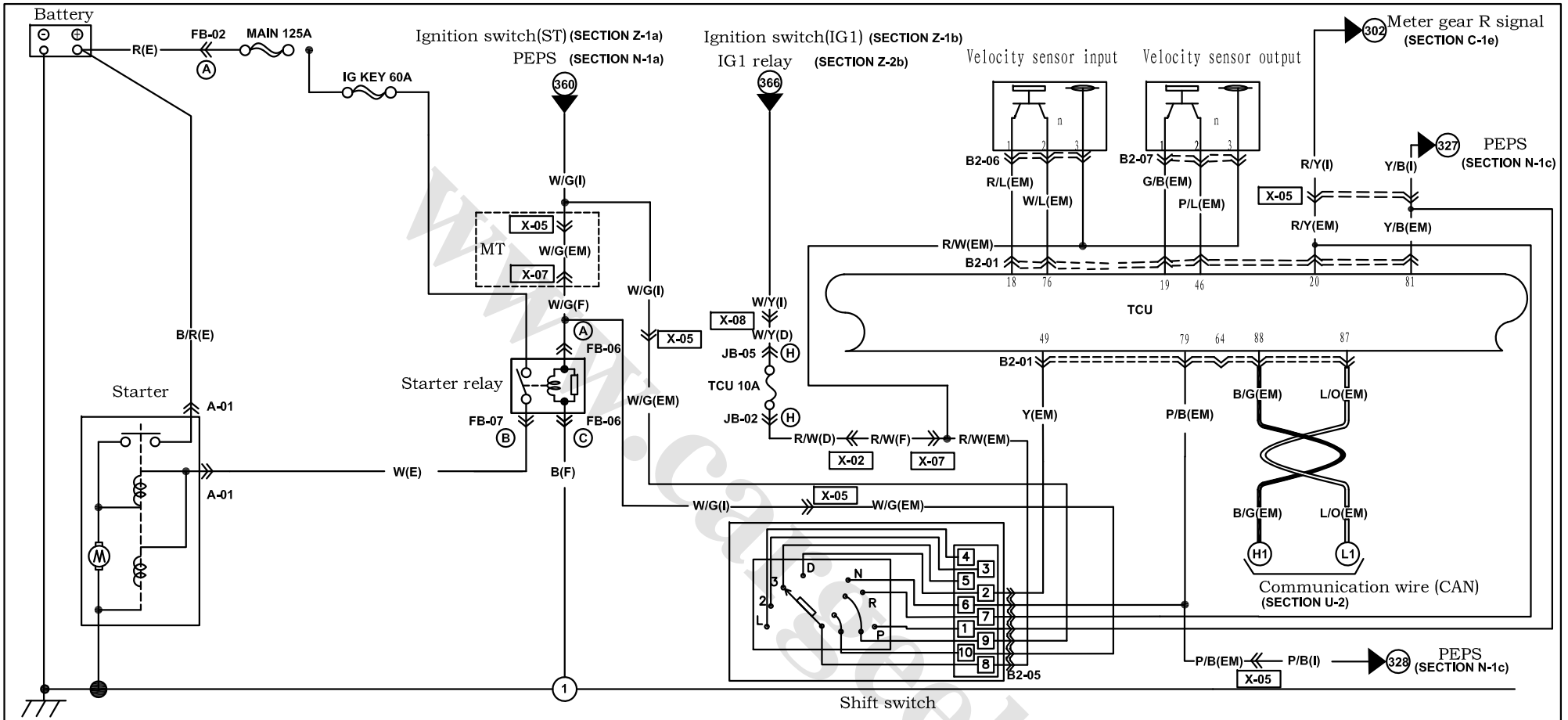


Harness mark:  (F)  (E)  (D)  (R)

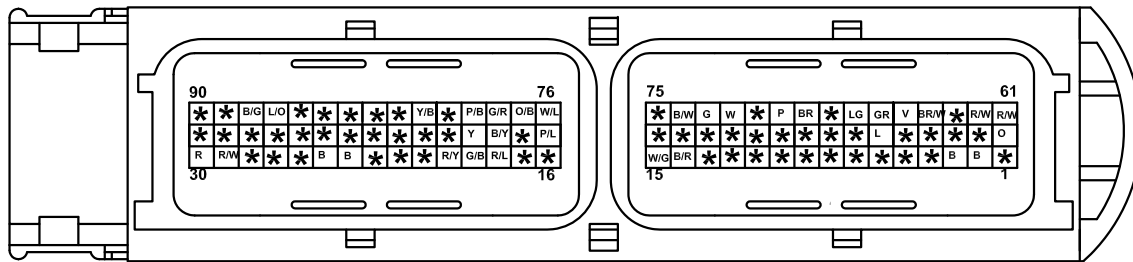


Transmission control system (AT)

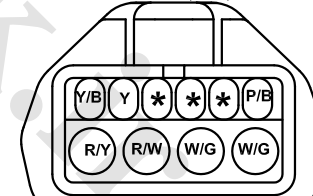
B-2b



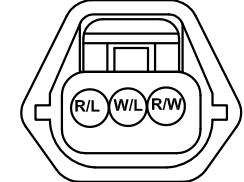
B2-01 TCU(EM)



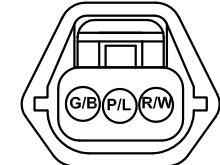
B2-05 Shift switch (EM)







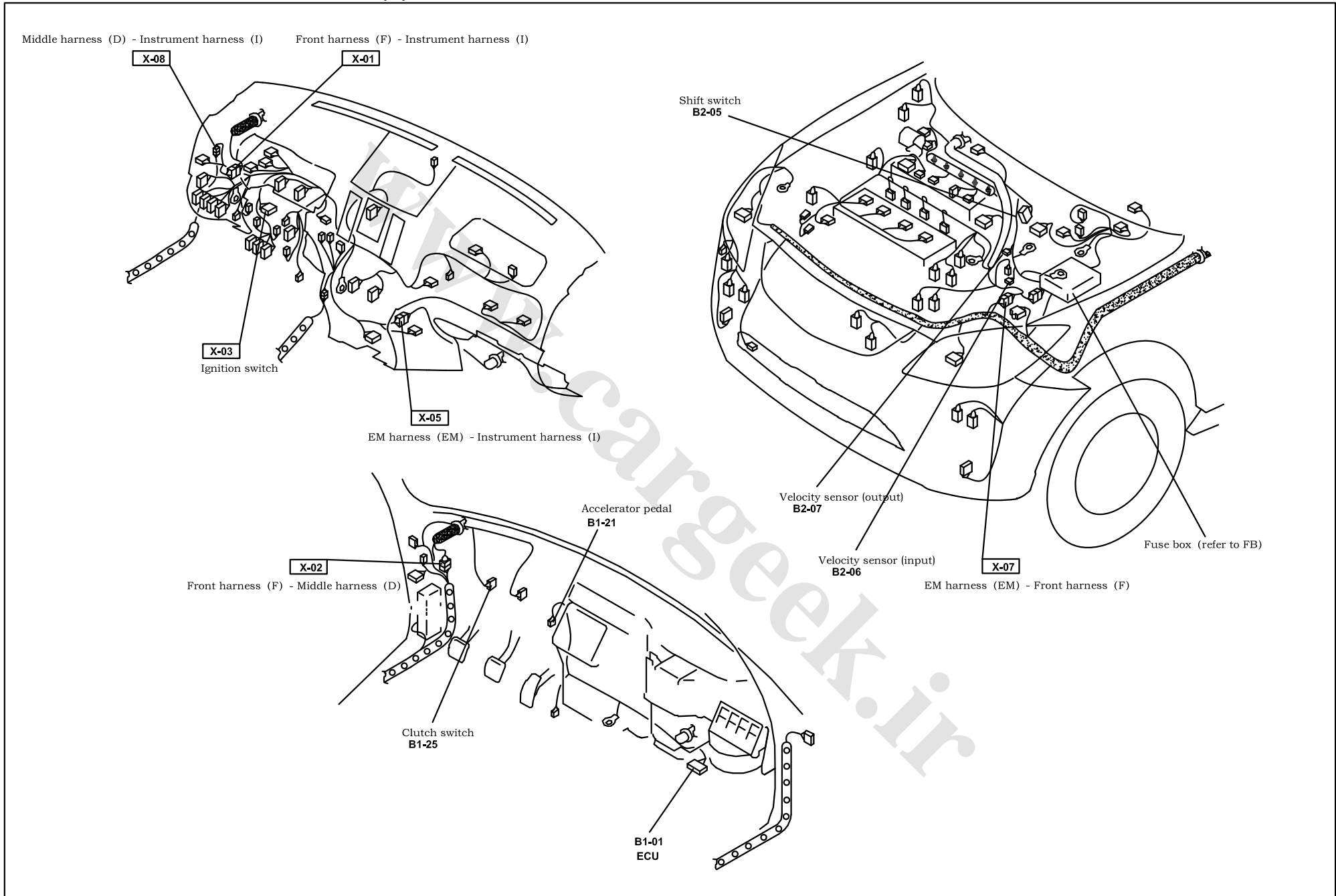
B2-06 Velocity sensor input (EM)



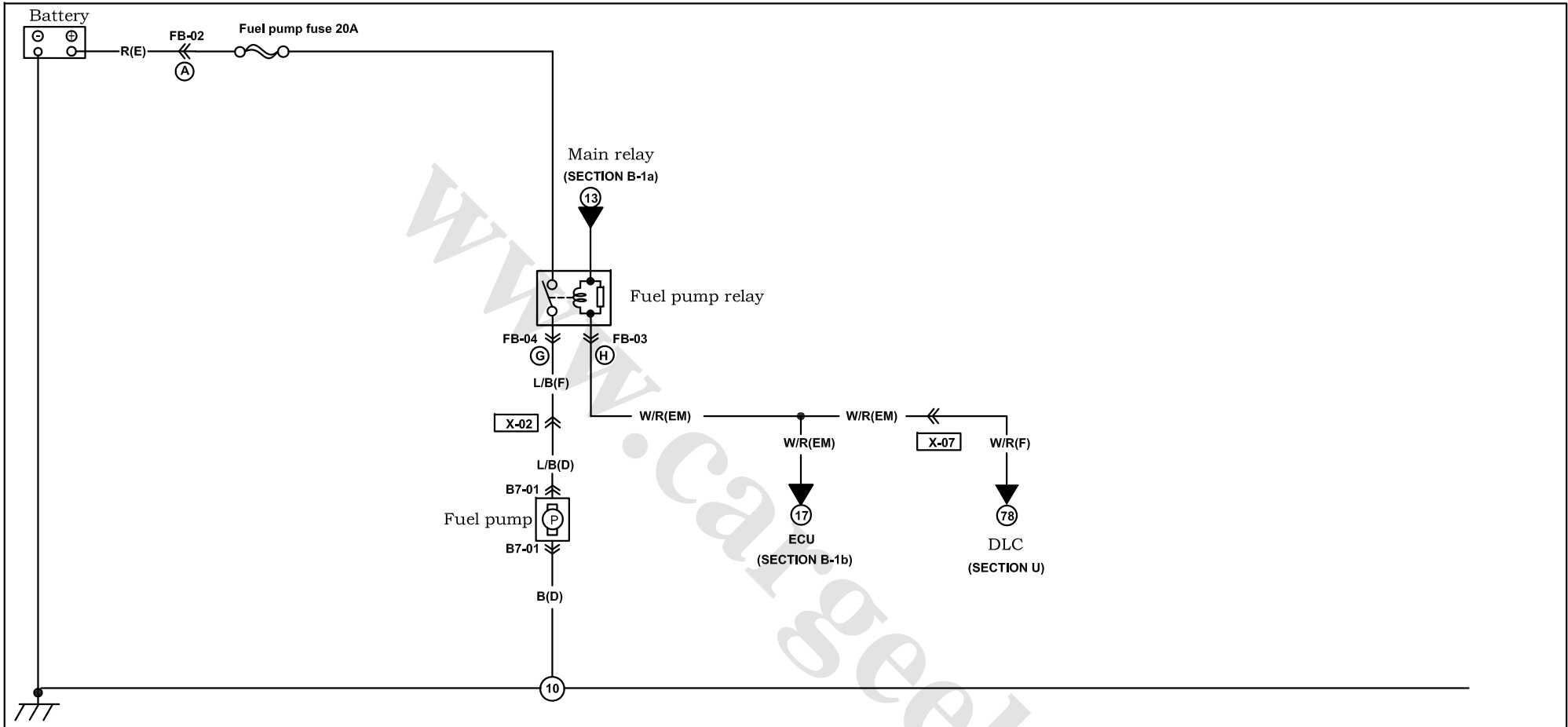
B2-07 Velocity sensor output (EM)

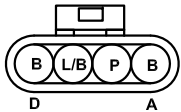




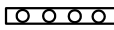

Harness mark:  (F)  (E)  (D)  (R)

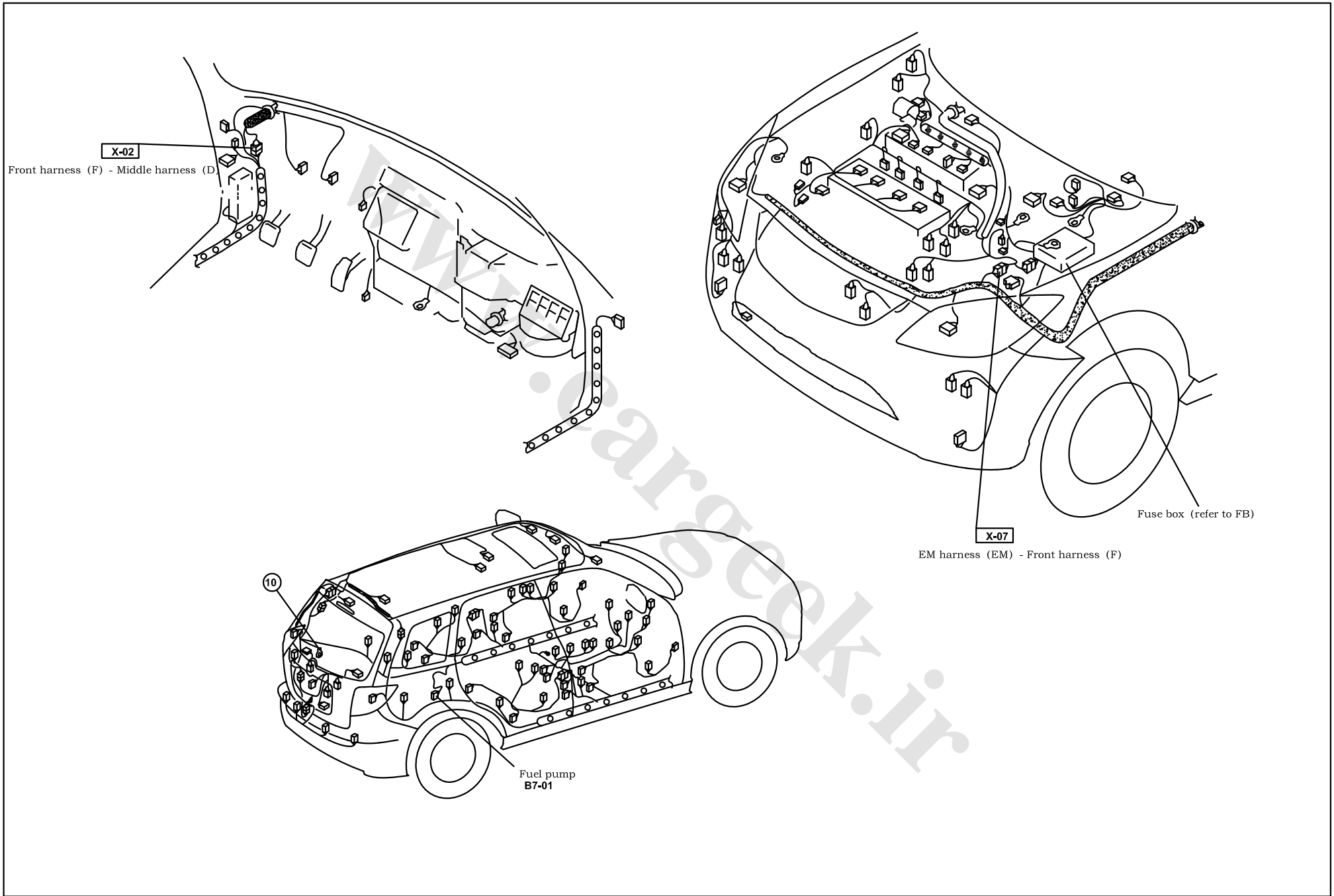


Fuel pump control system

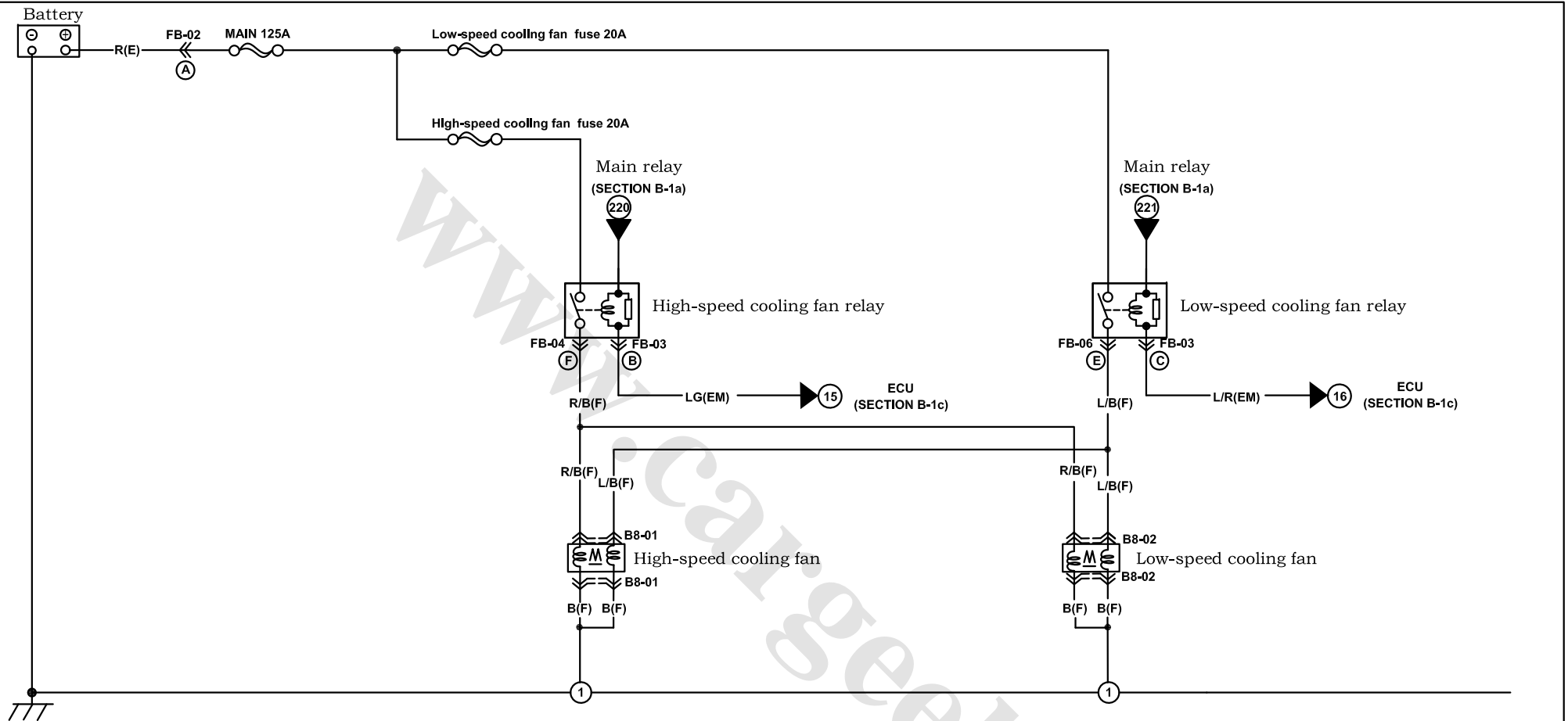


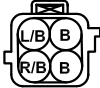
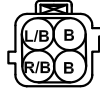
<p>B7-01 Fuel pump (D)</p> 					

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

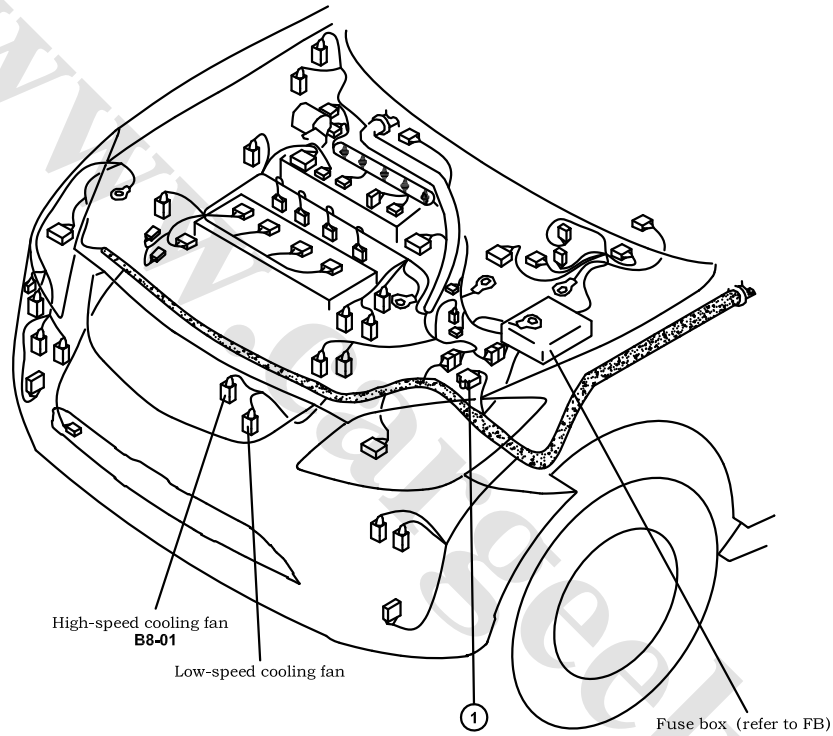


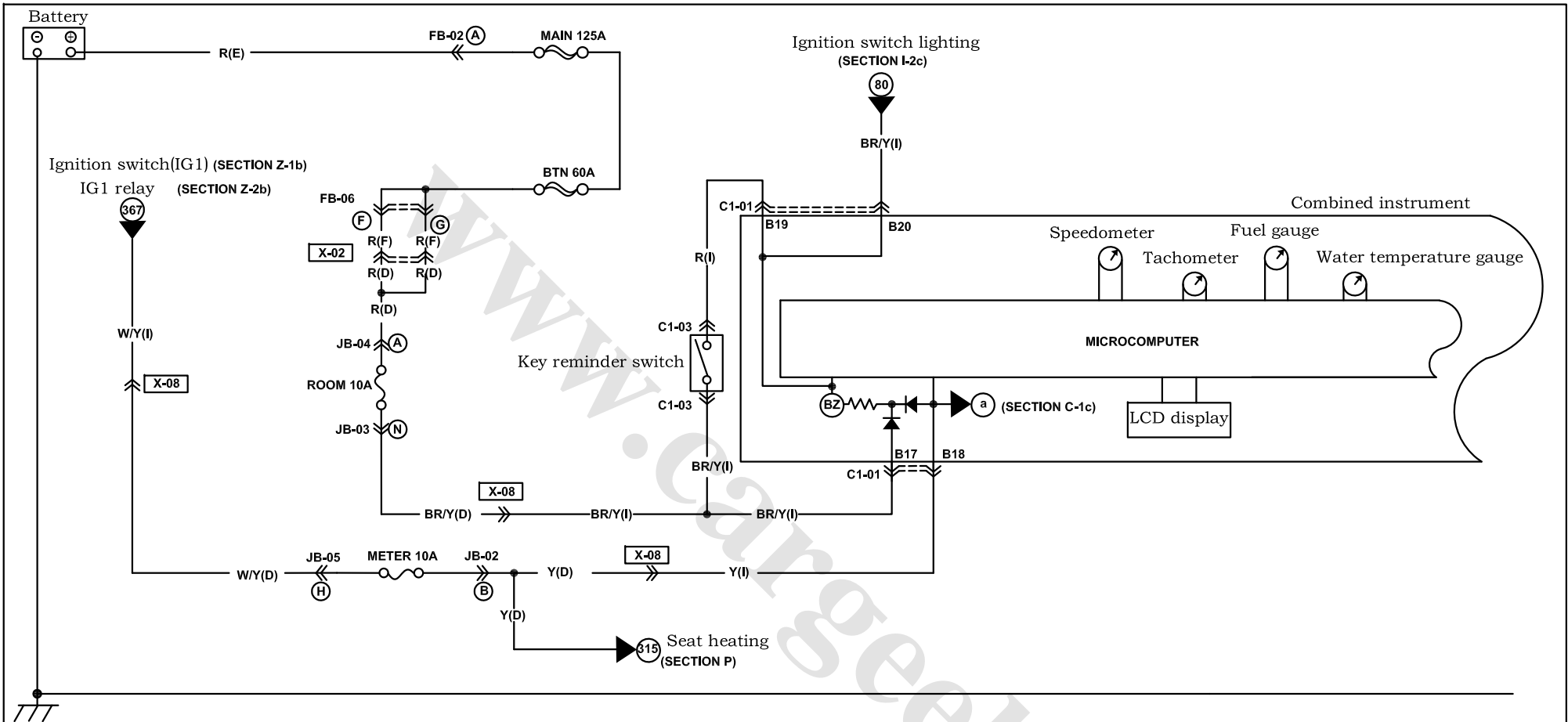
Fan control system



<p>B8-01 High-speed cooling fan (F)</p> 	<p>B8-02 Low-speed cooling fan (F)</p> 					

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





C1-01 Combined instrument (I)

() with ESP

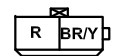
A1	B/Y	B/L	B/W	B/R	R/Y	P	Y/G	(G/O)	(V/W)	*	*	*	*	*	*	*	A16
	LG	LG/B	*	*	*	*	*	*	*	*	G/B	LG/R	G/W	G/R	Y/L		A32
A17																A32	

C1-01 Combined instrument (I)

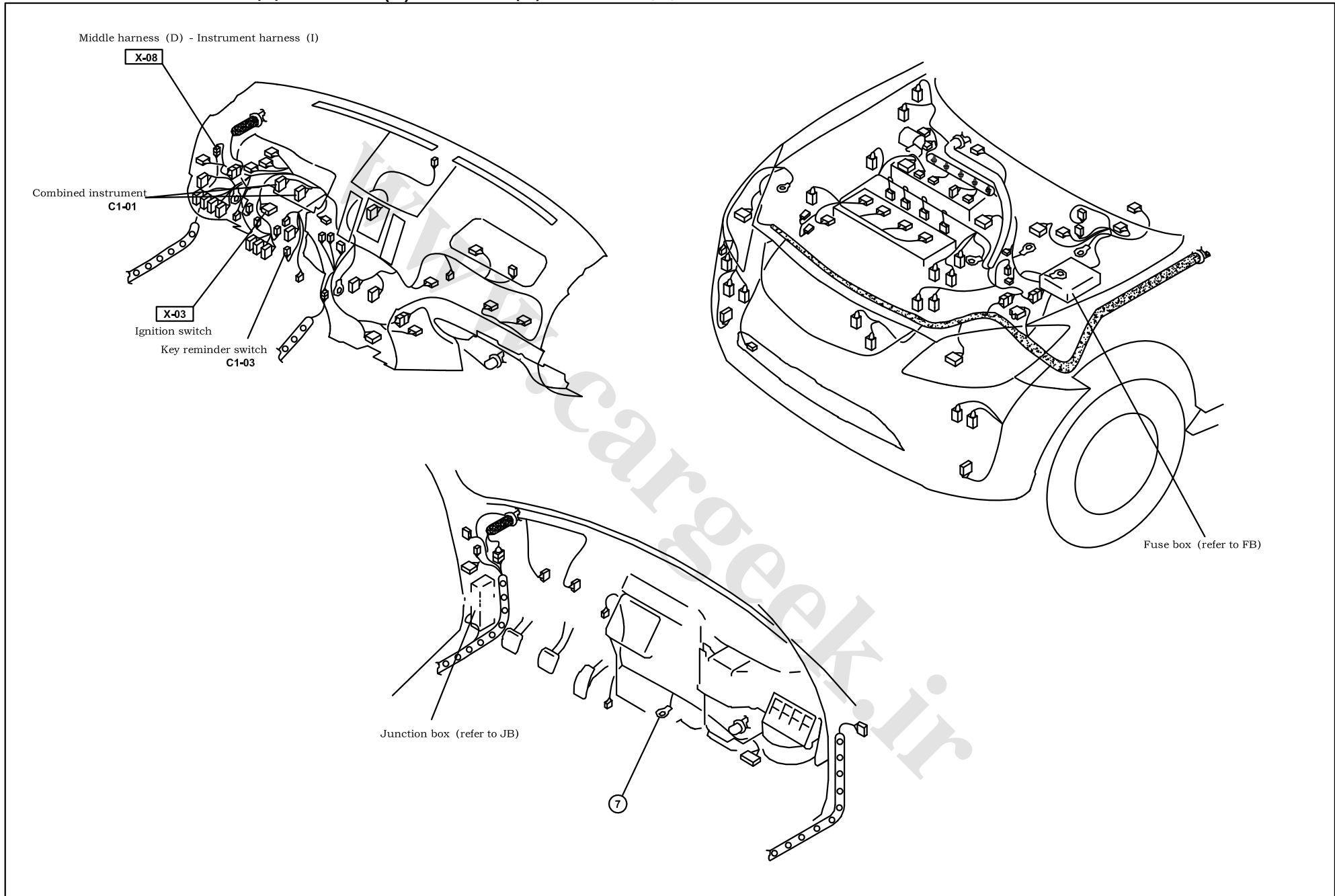
\$ with PEPS
@ with ignition switch

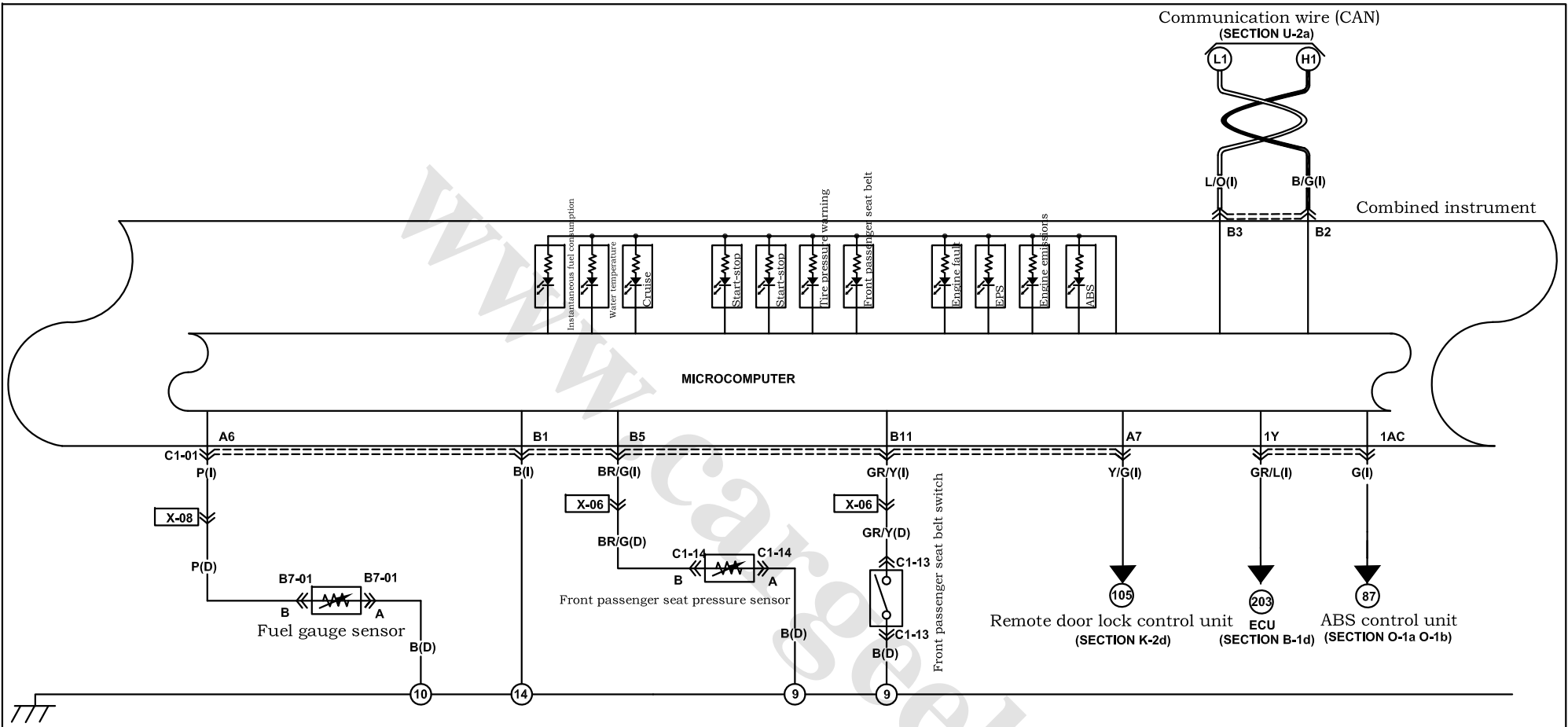
B1	B	B/G	L/O	*	BR/G	\$L/B	\$L/W	G/Y	B/W	GR	GR/Y	Y/R	BR/W	L/R	V	Y/B	B16
	BR/Y	Y	@R	@V/W	BR/E	*	*	*	*	*	*	*	*	*	*	*	B32
B17																B32	

C1-03 Key reminder switch (I)



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





C1-01 Combined instrument (I)

() with ESP

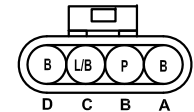
A1	B/Y	B/L	B/W	B/R	R/Y	P	Y/G	(G/O)	(V/W)	*	*	*	*	*	*	A16
A17	LG	LG/B	*	*	*	*	*	*	*	*	*	G/B	LG/R	GW	G/R	Y/L

C1-01 Combined instrument (I)

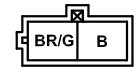
\$ with PEPS
@ with ignition switch

B1	B	B/G	L/O	*	BR/G	\$L/B	\$L/W	G/Y	B/W	GR	GR/Y	Y/R	BR/W	L/R	V	Y/B	B16
B17	BR/Y	Y	@	@V/W	BR/E	*	*	*	*	*	*	*	*	*	*	*	B32

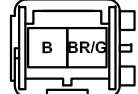
B7-01 Fuel gauge sensor (D)



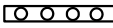



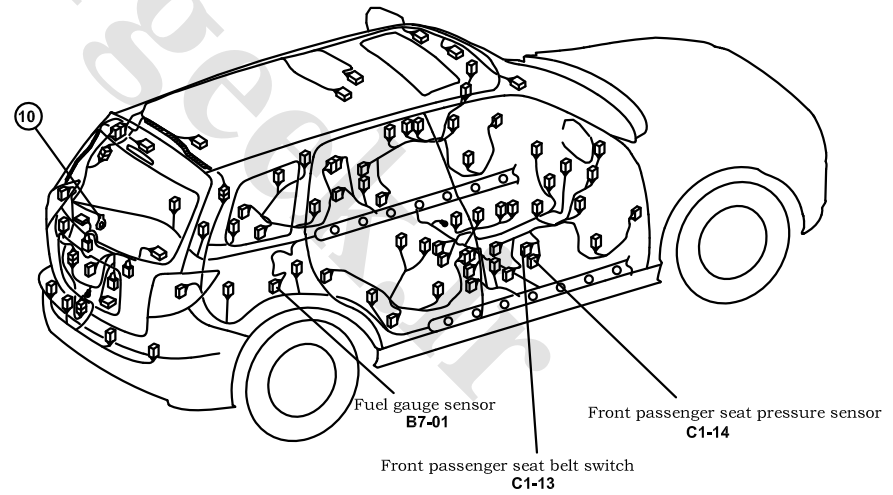
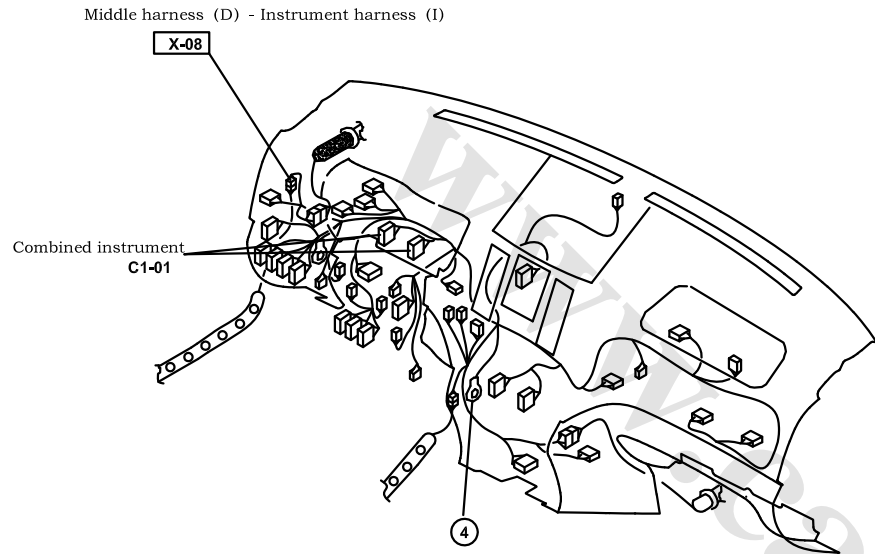
C1-13 Front passenger seat belt switch(D)



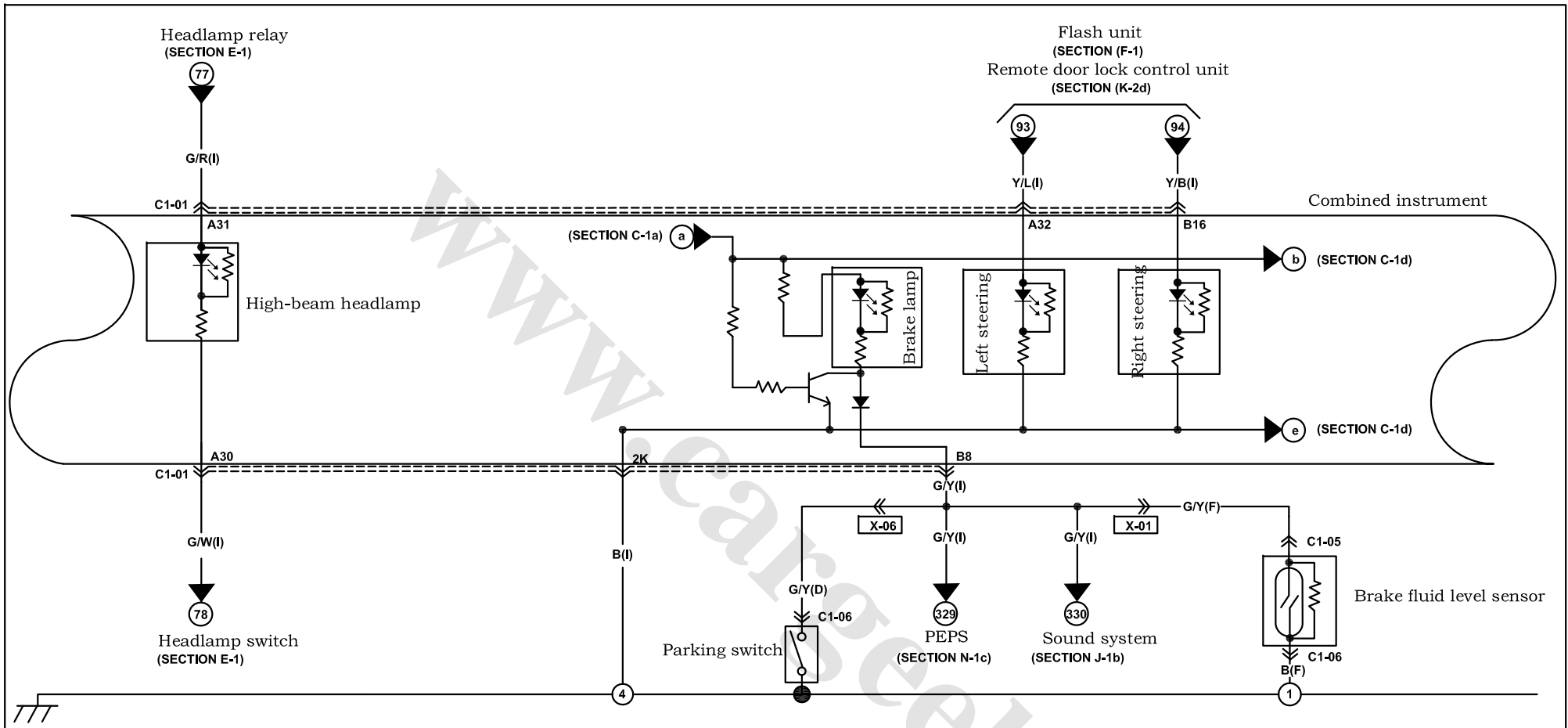
C1-14 Front passenger seat pressure sensor(D)



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



Combined instrument

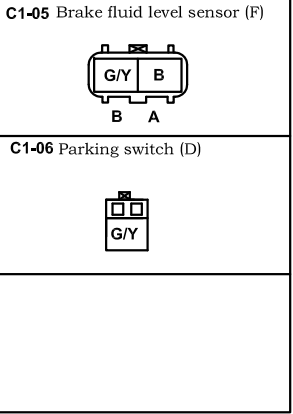



C1-01 Combined instrument (I) () with ESP

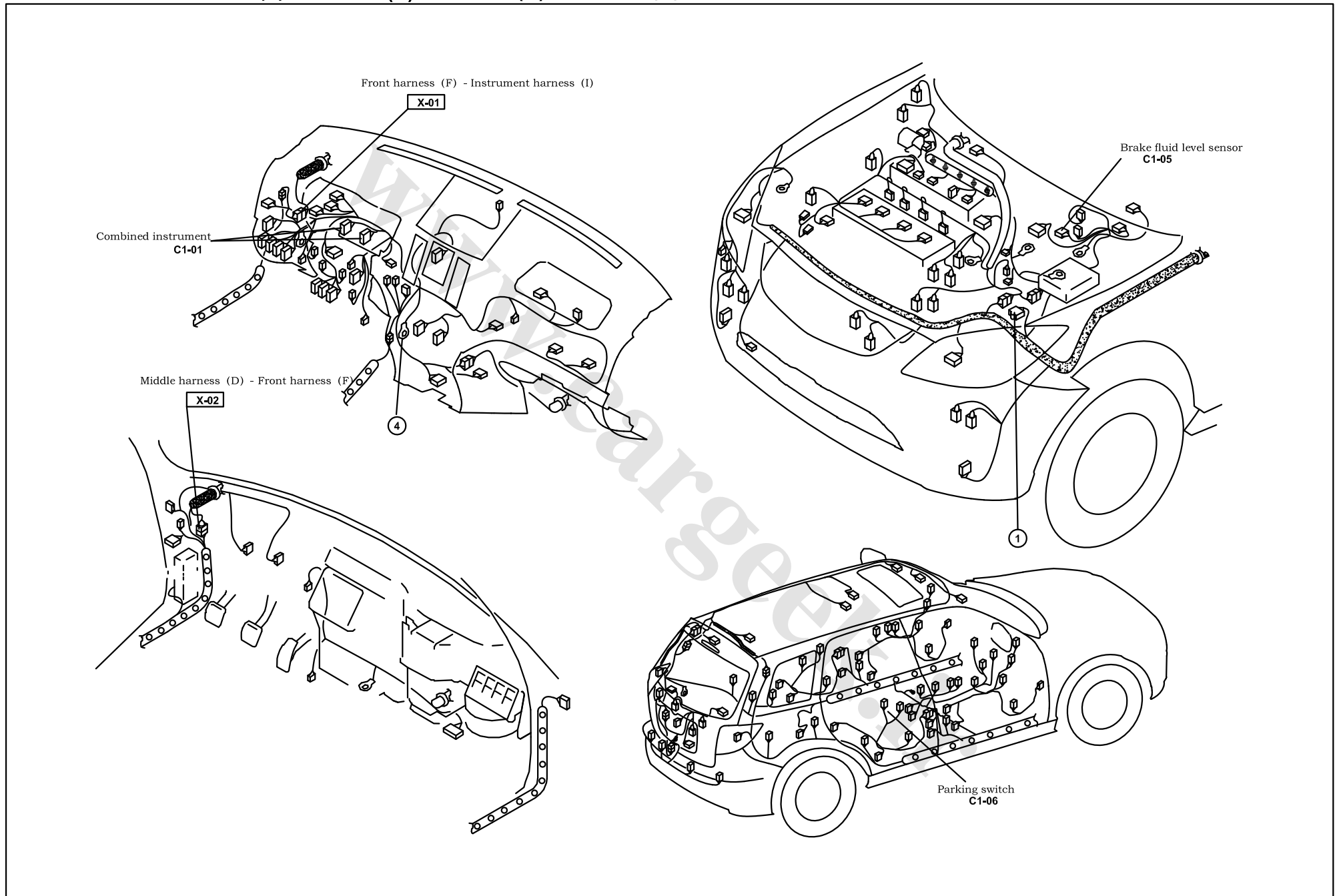
A1	B/Y	B/L	B/W	B/R	R/Y	P	Y/G	(G/O)	(V/W)	*	*	*	*	*	*	A16
A17	LG	LG/B	*	*	*	*	*	*	*	*	*	G/B	LG/R	G/W	G/R	Y/L

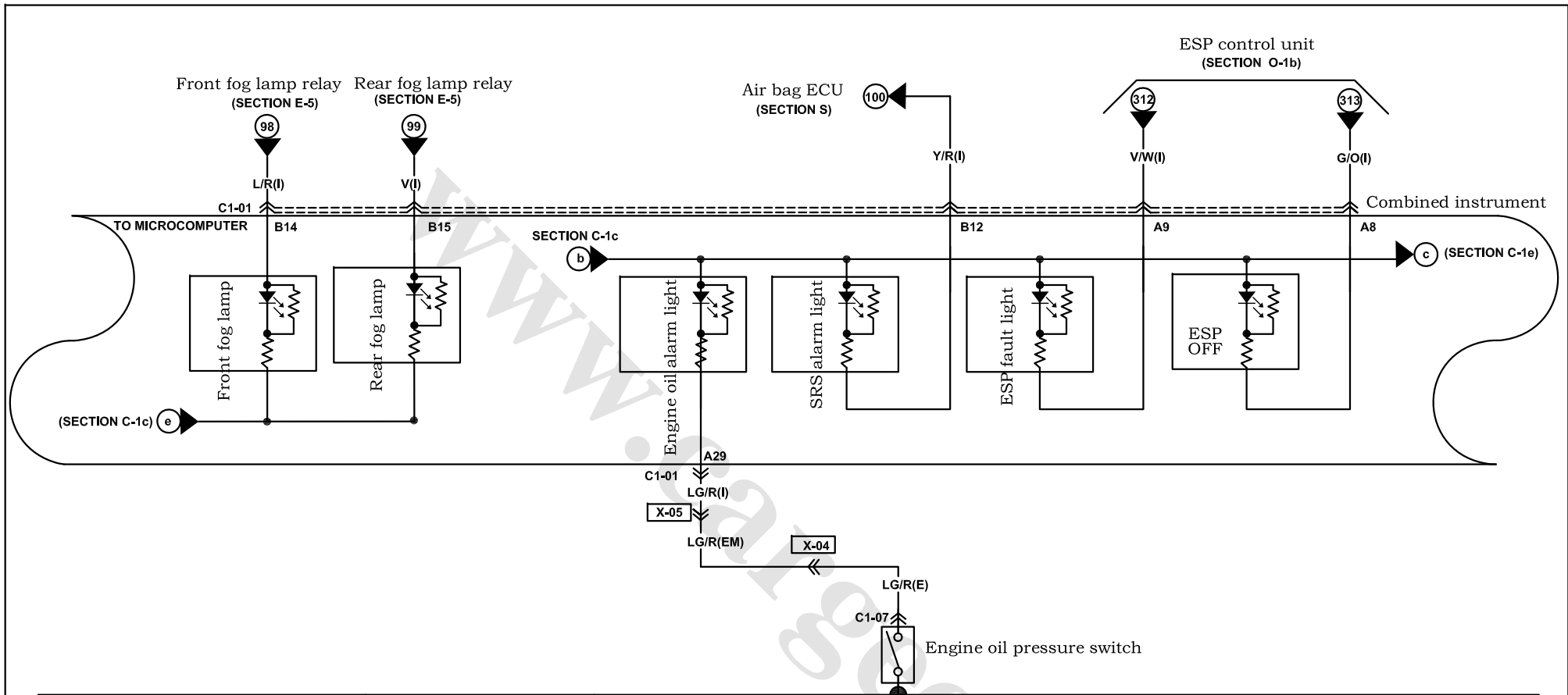
C1-01 Combined instrument (I) \$ with PEPS @ with ignition switch

B1	B	B/G	L/O	*	BR/G	\$L/B	\$L/W	G/Y	B/W	GR	GR/Y	Y/R	BR/W	L/R	V	Y/B	B16
B17	BR/Y	Y	@R	@V/W	BR/E	*	*	*	*	*	*	*	*	*	*	*	B32

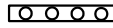



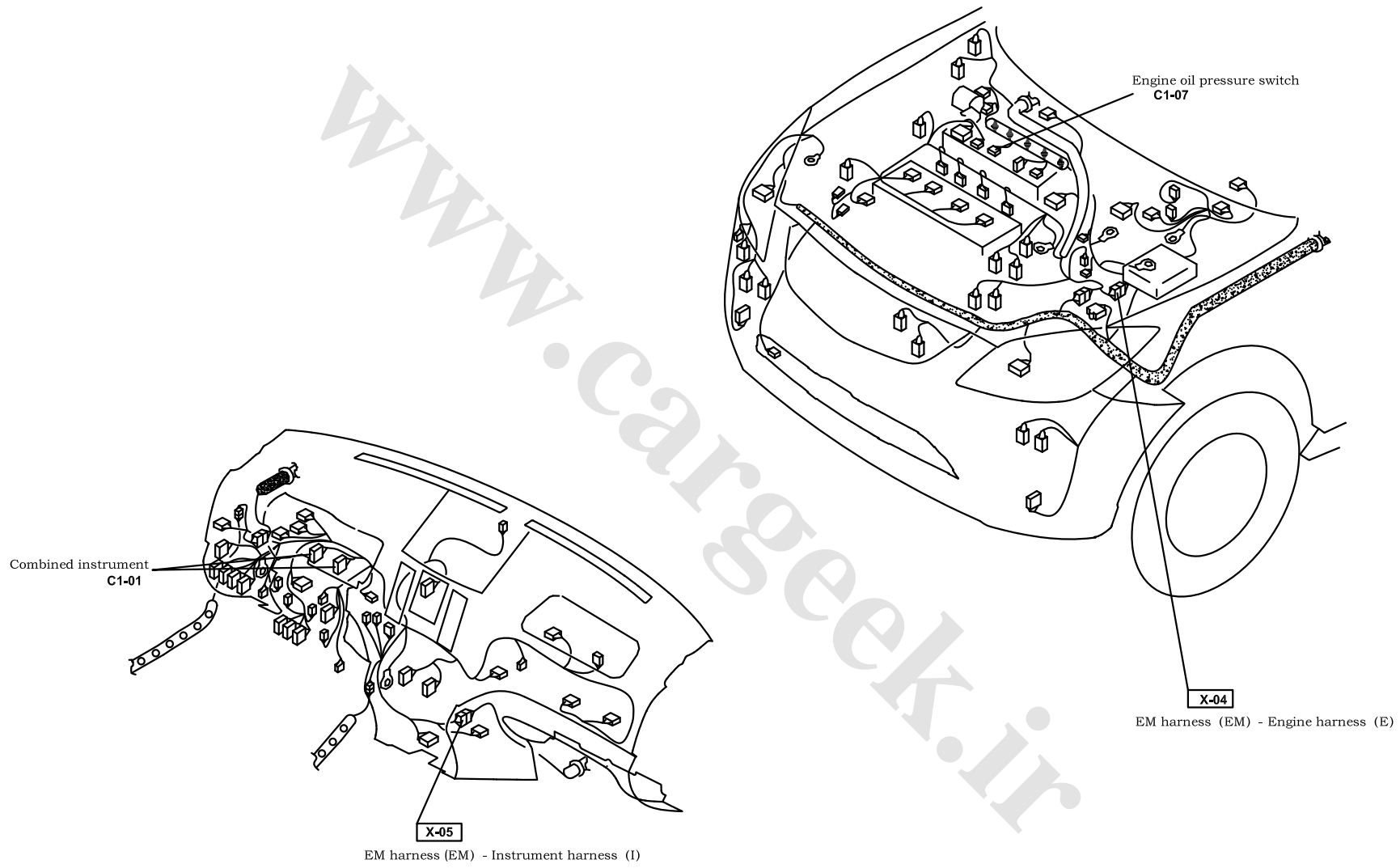
Harness mark:  (F)  (E)  (D)  (R)

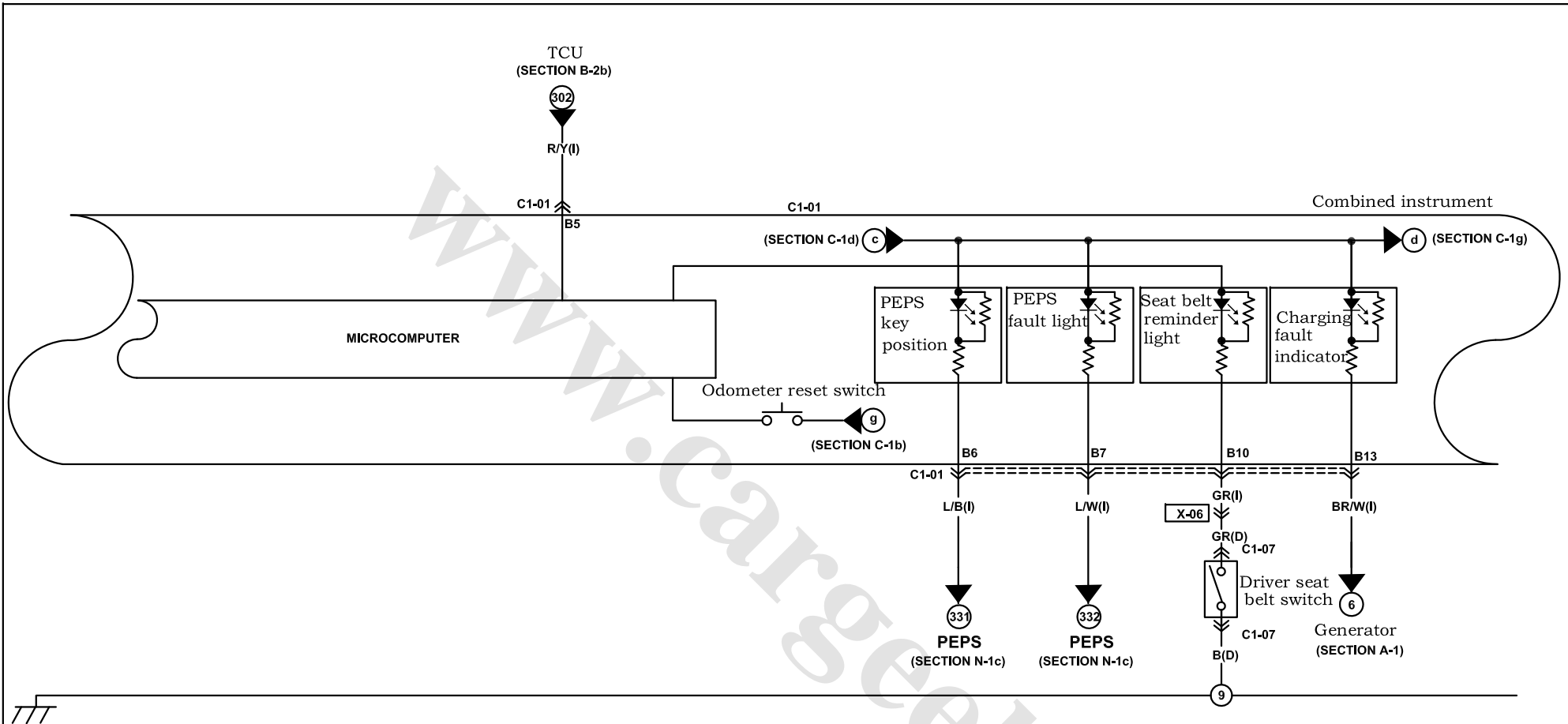




<p>C1-01 Combined instrument (I) () with ESP</p> <table border="1"> <tr> <td>A1</td><td>B/Y</td><td>B/L</td><td>B/W</td><td>B/R</td><td>R/Y</td><td>P</td><td>Y/G</td><td>(G/O)</td><td>(V/W)</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>A16</td> </tr> <tr> <td>A17</td><td>LG</td><td>LG/B</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>G/B</td><td>LG/R</td><td>G/W</td><td>G/R</td><td>Y/L</td><td>A32</td> </tr> </table>	A1	B/Y	B/L	B/W	B/R	R/Y	P	Y/G	(G/O)	(V/W)	*	*	*	*	*	*	*	A16	A17	LG	LG/B	*	*	*	*	*	*	*	*	*	G/B	LG/R	G/W	G/R	Y/L	A32	<p>C1-01 Combined instrument (I) \$ with PEPS @ with ignition switch</p> <table border="1"> <tr> <td>B1</td><td>B</td><td>B/G</td><td>L/O</td><td>*</td><td>BR/G</td><td>\$L/B</td><td>\$L/W</td><td>G/Y</td><td>B/W</td><td>GR</td><td>GR/Y</td><td>Y/R</td><td>BR/W</td><td>L/R</td><td>V</td><td>Y/B</td><td>B16</td> </tr> <tr> <td>B17</td><td>BR/Y</td><td>Y</td><td>@R</td><td>@V/W</td><td>BR/E</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>B32</td> </tr> </table>	B1	B	B/G	L/O	*	BR/G	\$L/B	\$L/W	G/Y	B/W	GR	GR/Y	Y/R	BR/W	L/R	V	Y/B	B16	B17	BR/Y	Y	@R	@V/W	BR/E	*	*	*	*	*	*	*	*	*	*	*	B32	<p>C1-07 Engine oil pressure switch(E)</p>
A1	B/Y	B/L	B/W	B/R	R/Y	P	Y/G	(G/O)	(V/W)	*	*	*	*	*	*	*	A16																																																									
A17	LG	LG/B	*	*	*	*	*	*	*	*	*	G/B	LG/R	G/W	G/R	Y/L	A32																																																									
B1	B	B/G	L/O	*	BR/G	\$L/B	\$L/W	G/Y	B/W	GR	GR/Y	Y/R	BR/W	L/R	V	Y/B	B16																																																									
B17	BR/Y	Y	@R	@V/W	BR/E	*	*	*	*	*	*	*	*	*	*	*	B32																																																									

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





C1-01 Combined instrument (I) () with ESP

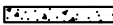

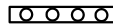
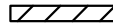
A1	B/Y	B/L	B/W	B/R	R/Y	P	Y/G	(G/O)	(V/W)	*	*	*	*	*	*	A16
A17	LG	LG/B	*	*	*	*	*	*	*	*	G/B	LG/R	G/W	G/R	Y/L	A32

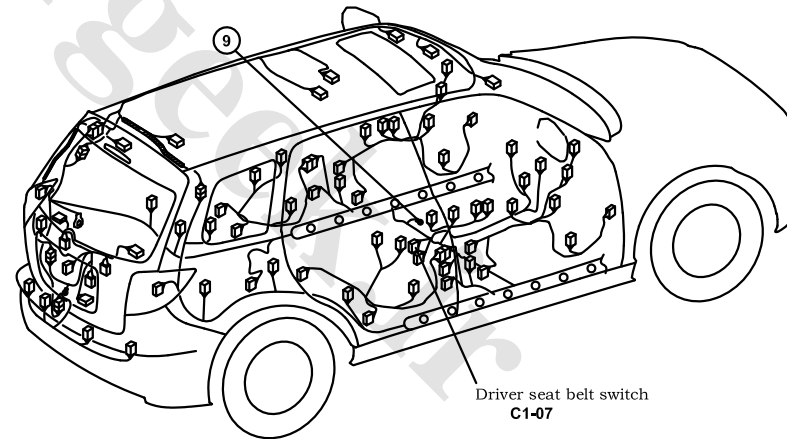
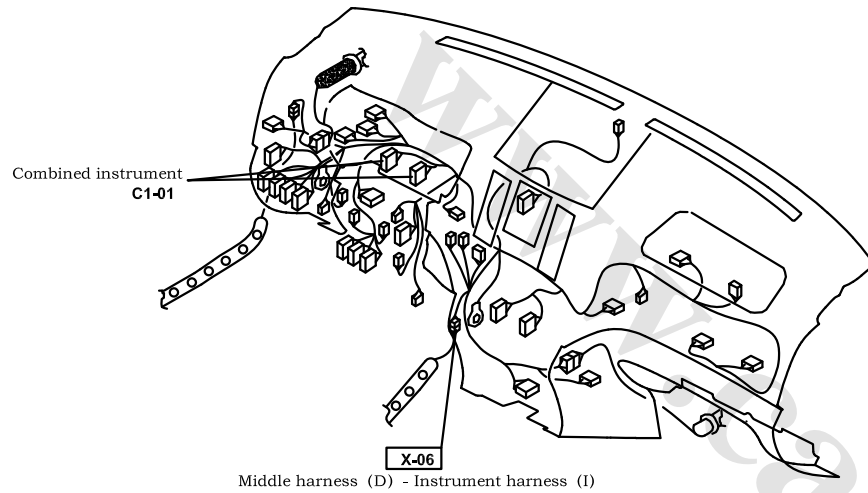
C1-01 Combined instrument (I) \$ with PEPS @ with ignition switch

B1	B	B/G	L/O	*	BR/G	\$/L/B	\$/L/W	G/Y	B/W	GR	GR/Y	Y/R	BR/W	L/R	V	Y/B	B16
B17	BR/Y	Y	@	@/V/W	BR/E	*	*	*	*	*	*	*	*	*	*	*	B32

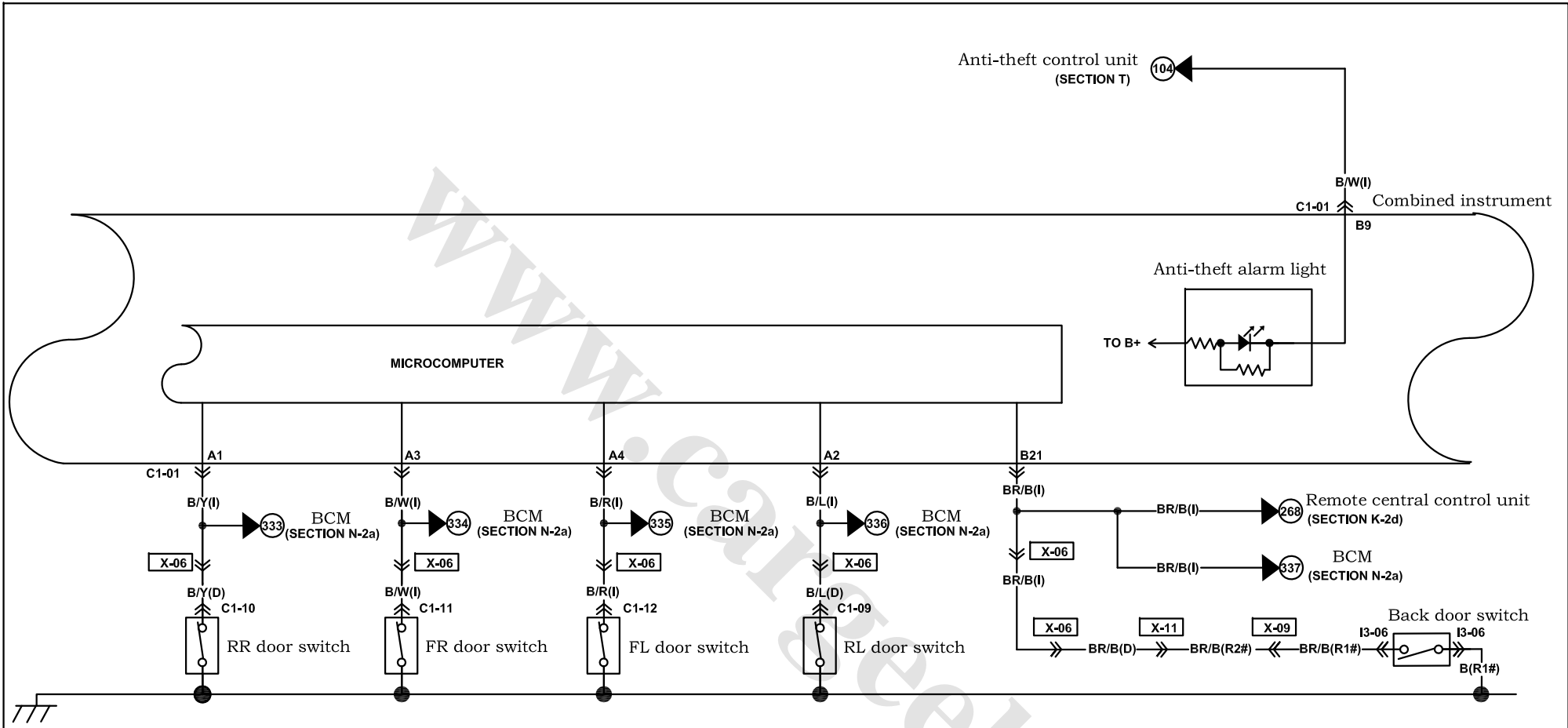
C1-07 Driver seat belt switch (D)



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



Combined instrument



C1-01 Combined instrument (I) () with ESP

C1-01 Combined instrument (I) \$ with PEPS @ with ignition switch

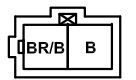
C1-10 RR door switch(D) C1-11 FR door switch(D)

C1-12 FL door switch(D) C1-09 RL door switch(D)

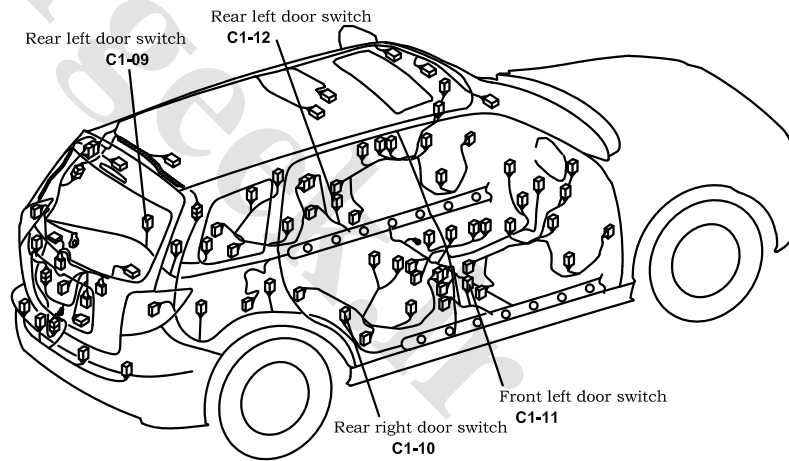
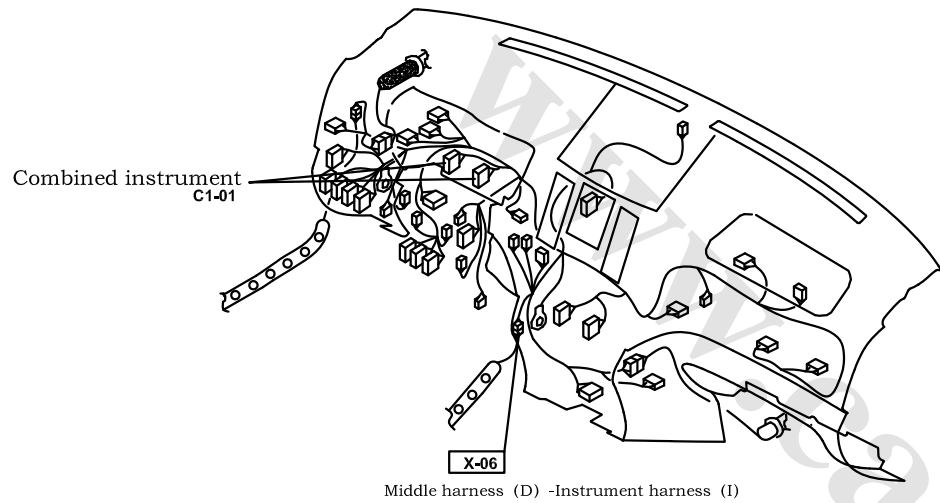
I3-06 Back door switch (R1#)

A1	B/Y	B/L	B/W	B/R	R/Y	P	Y/G	(G/O)	(V/W)	*	*	*	*	*	*	A16
A17	LG	LG/B	*	*	*	*	*	*	*	*	*	G/B	LG/R	G/W	G/R	Y/L

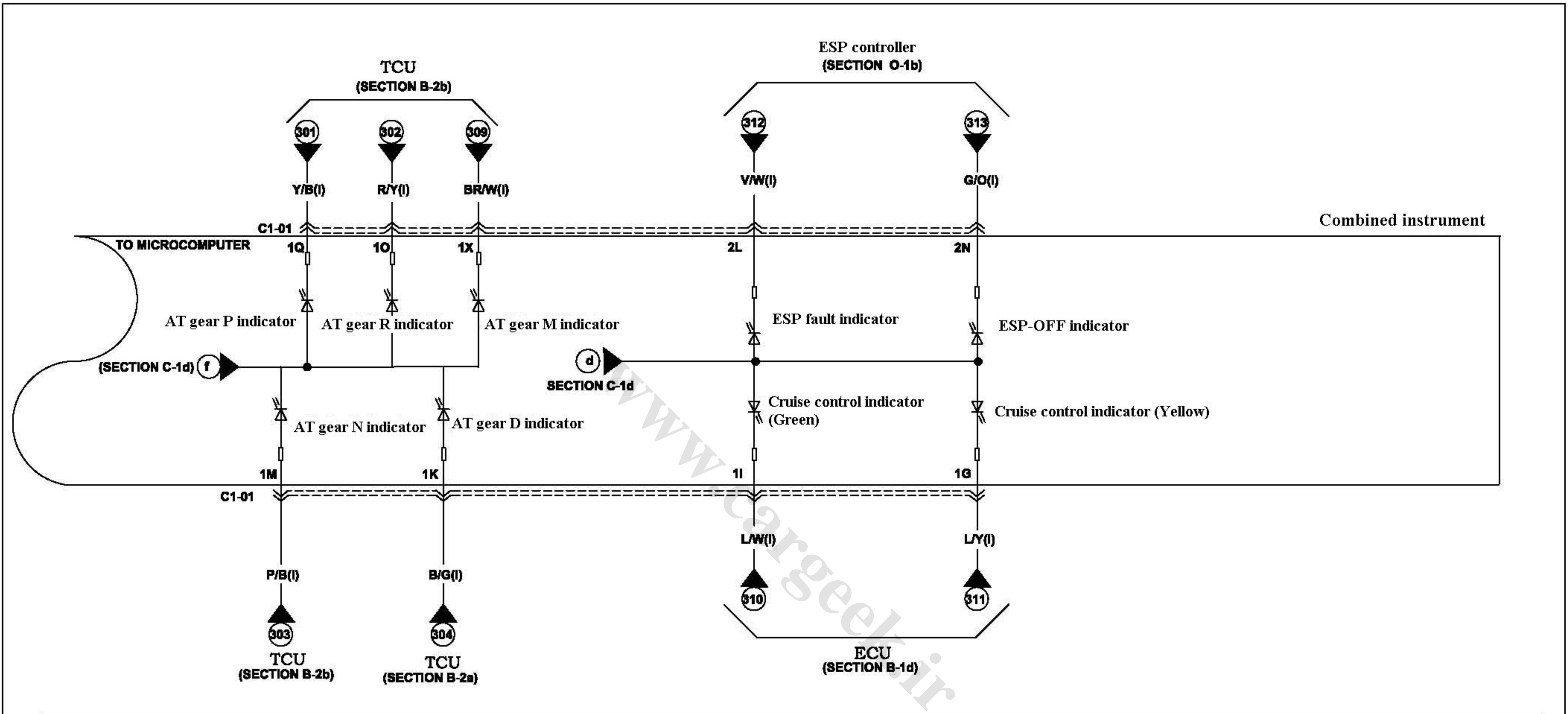
B1	B	B/G	L/O	*	BR/G	\$/L/B	\$/L/W	G/Y	B/W	GR	GR/Y	Y/R	BR/W	L/R	V	Y/B	B16
B17	BR/Y	Y	@/R	@/V/W	BR/E	*	*	*	*	*	*	*	*	*	*	*	B32



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



Combined instrument



C1-01 Combined instrument (I)

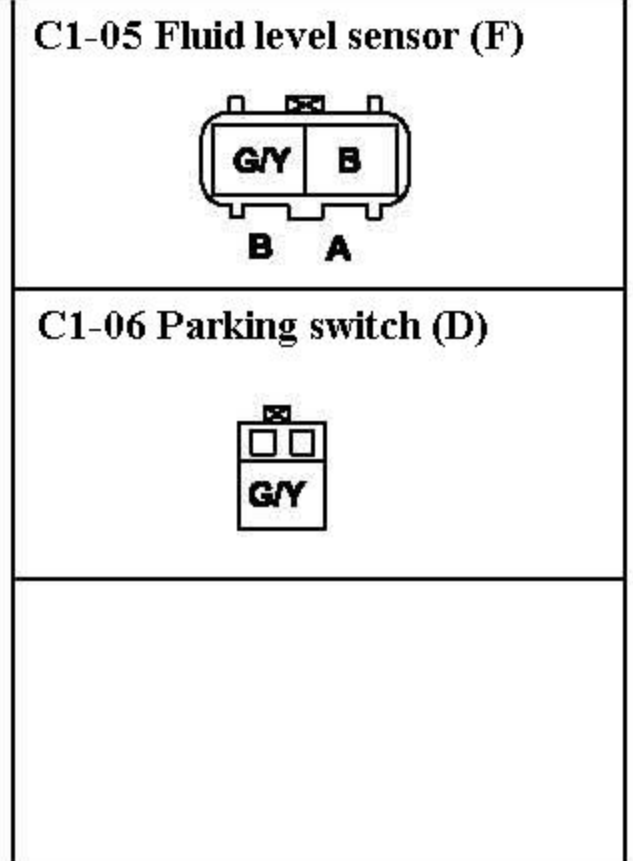
() With ESP
 [] With cruise control
 <> AT

1AE	BR/Y	G	Y	GR/L	B	R/G	P	<Y/B>	* <R/Y>	* <P/B>	* <B/G>	* <L/W>	* <L/Y>	*	*	W	1A
1AF	LG/B	*	LG	*	<BR/W>	V/W	*	*	*	R	*	B/W	GR	P/L	Y/G	Y/R	1B



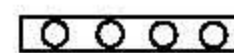
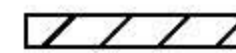
C1-01 Combined instrument (I)

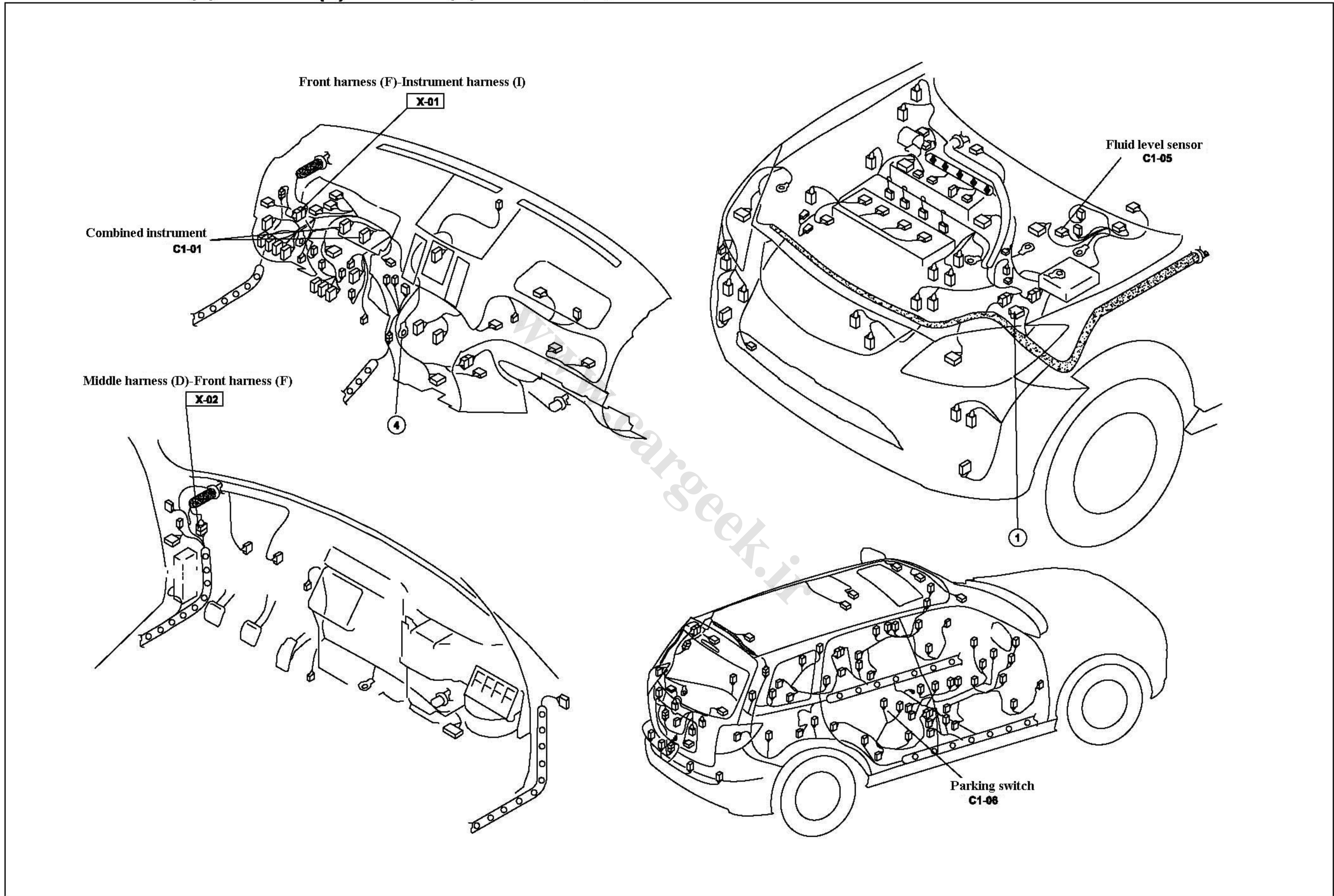
() With ESP
 [] With cruise control
 <> AT

2Q	Y/L	B/W	BR/B	B	GR/R	*	LG/R	BR/W	G/Y	2A
2R	Y/B	*	(G/O)	(V/W)	L/R	G/R	V	GW	*	2B



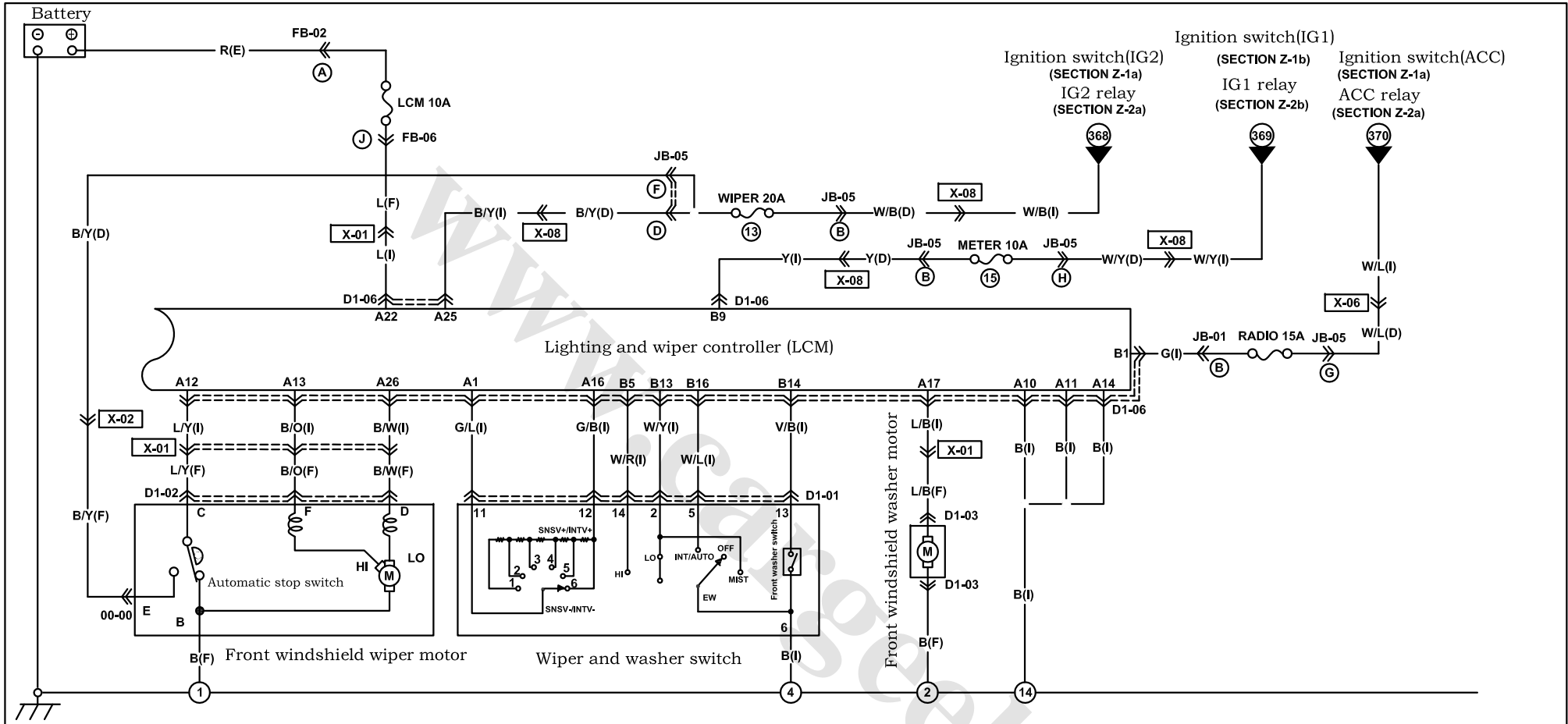
Harness

identification:  (F)  (E)  (D)  (R)

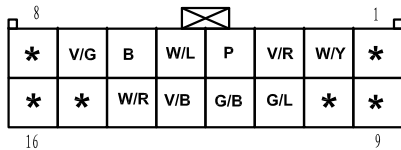


Windshield wiper and washer

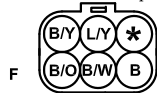
D-1a



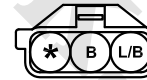
D1-01 Windshield wiper and washer switch (I)



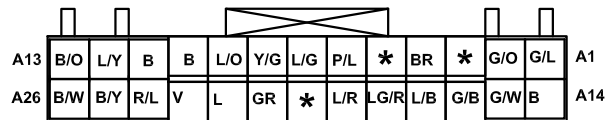
D1-02 Front windshield wiper motor (F)



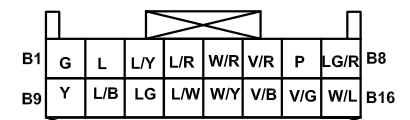
D1-03 Front windshield washer motor (F)







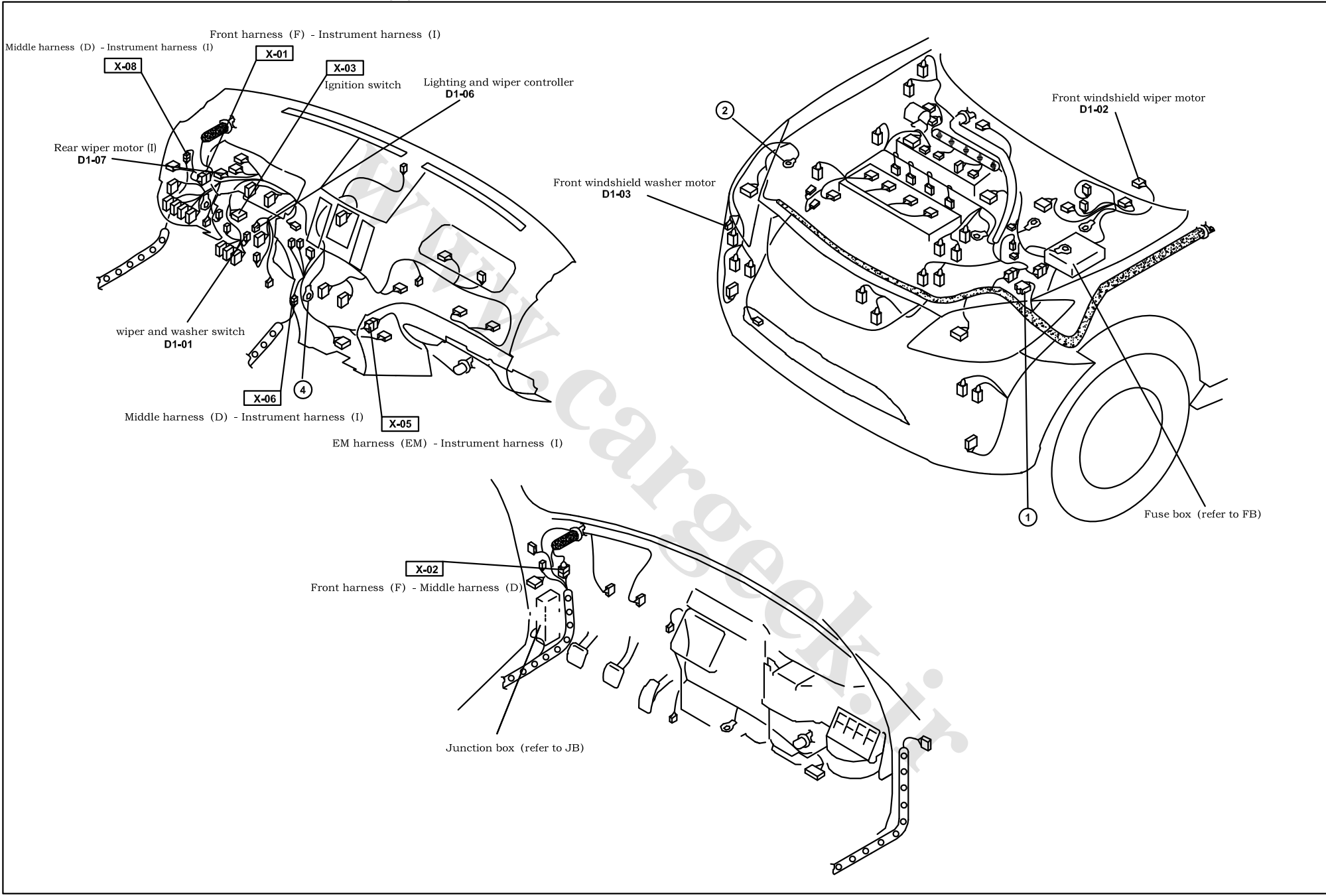
D1-06 Lighting and wiper controller (I)



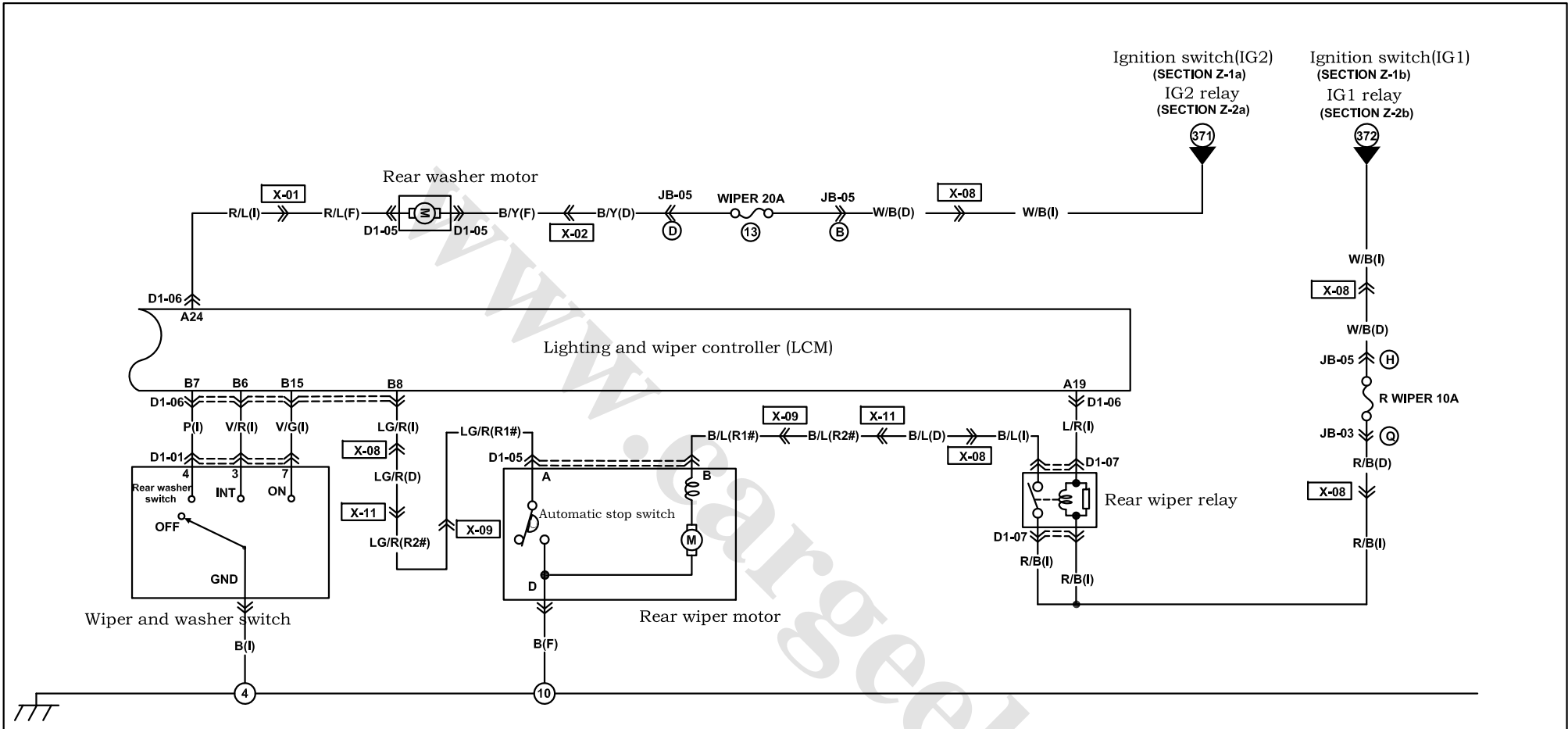
D1-06 Lighting and wiper controller (I)



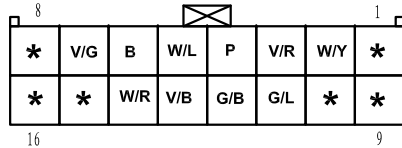
Harness mark:  (F)  (E)  (D)  (R)



Rear-window wiper and washer



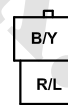
D1-01 Wiper and washer switch (I)



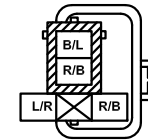
D1-04 Rear-window wiper motor



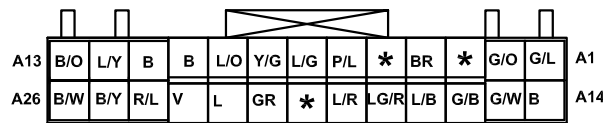
D1-05 Rear-window washer motor (F)



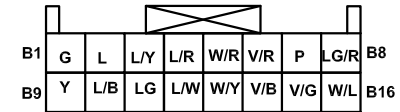
D1-07 Rear wiper relay (I)






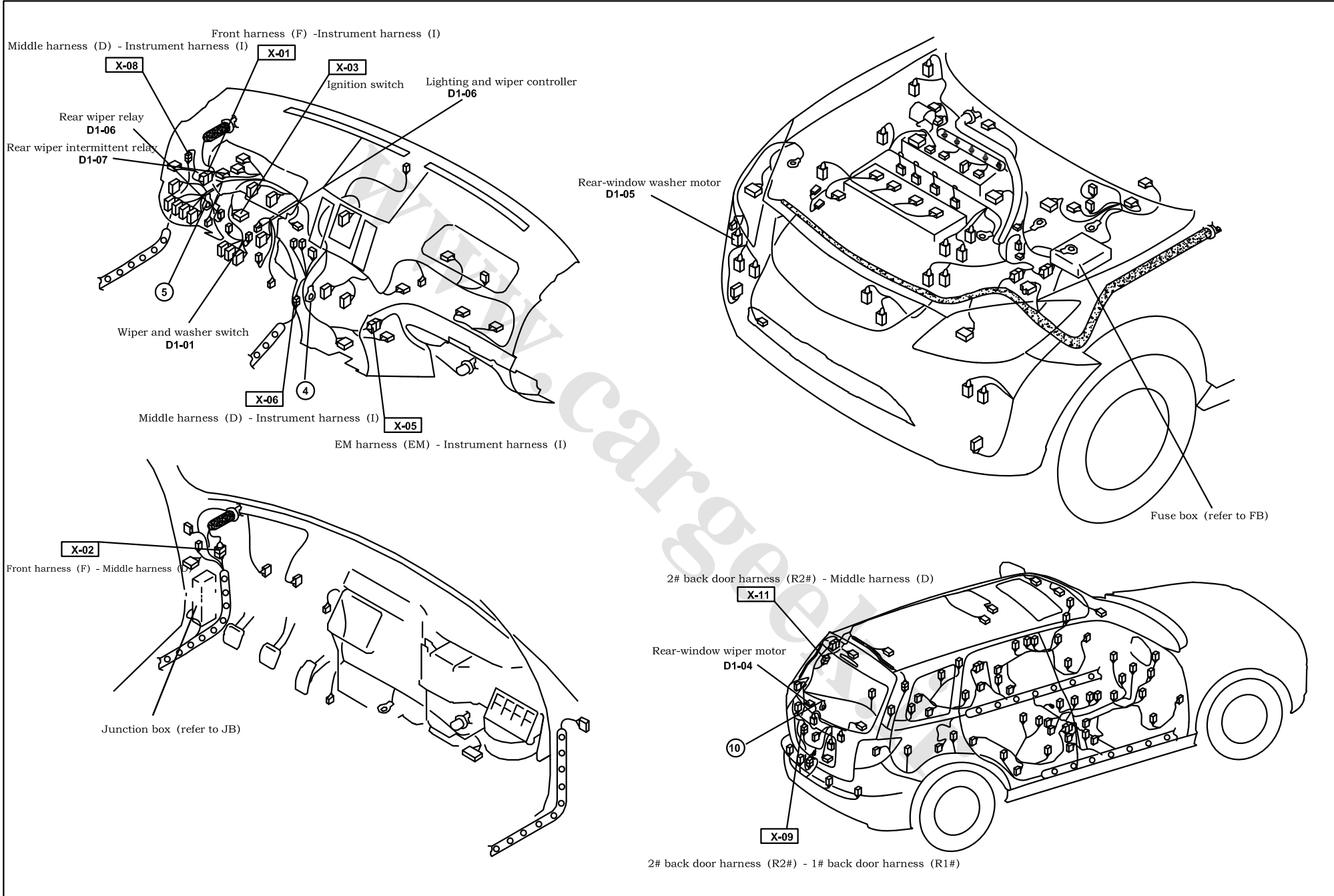
D1-06 Lighting and wiper controller (I)



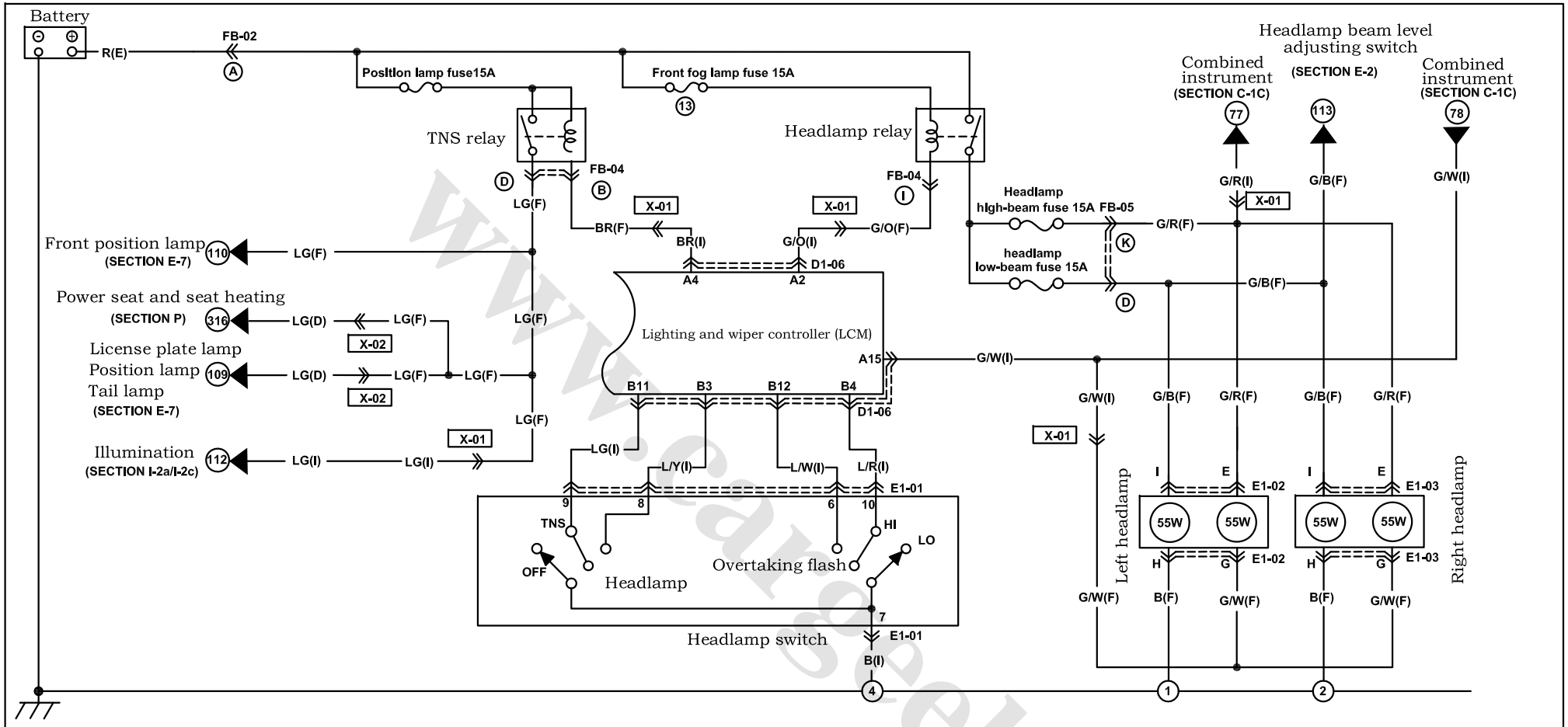
D1-06 Lighting and wiper controller (I)



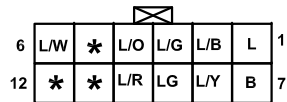
Harness mark:  (F)  (E)  (D)  (R)



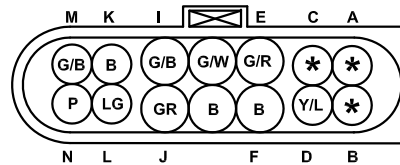
Headlamp



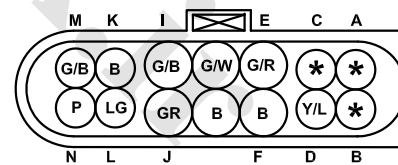
E1-01 Headlamp switch (I)







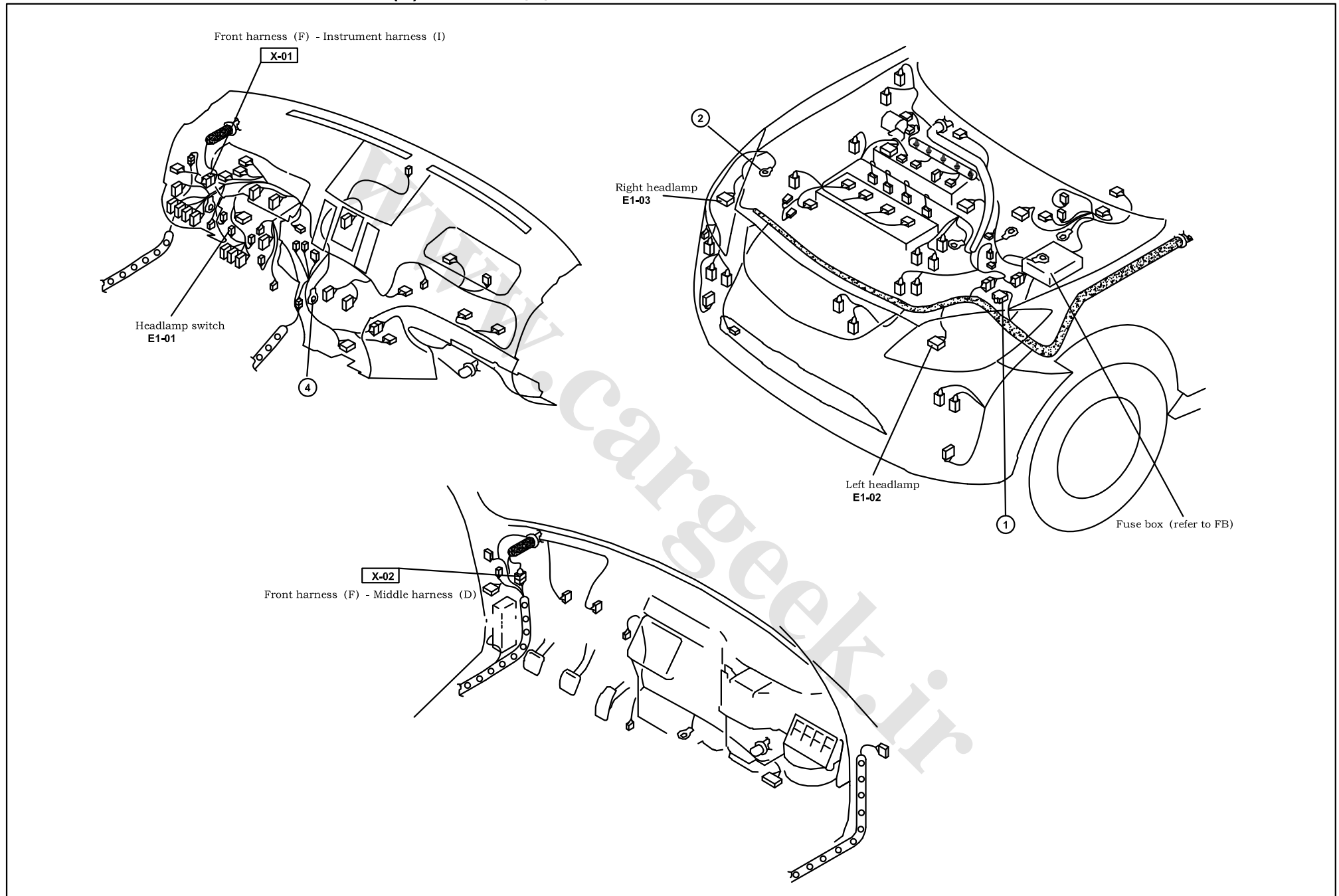
E1-02 Left headlamp (F)



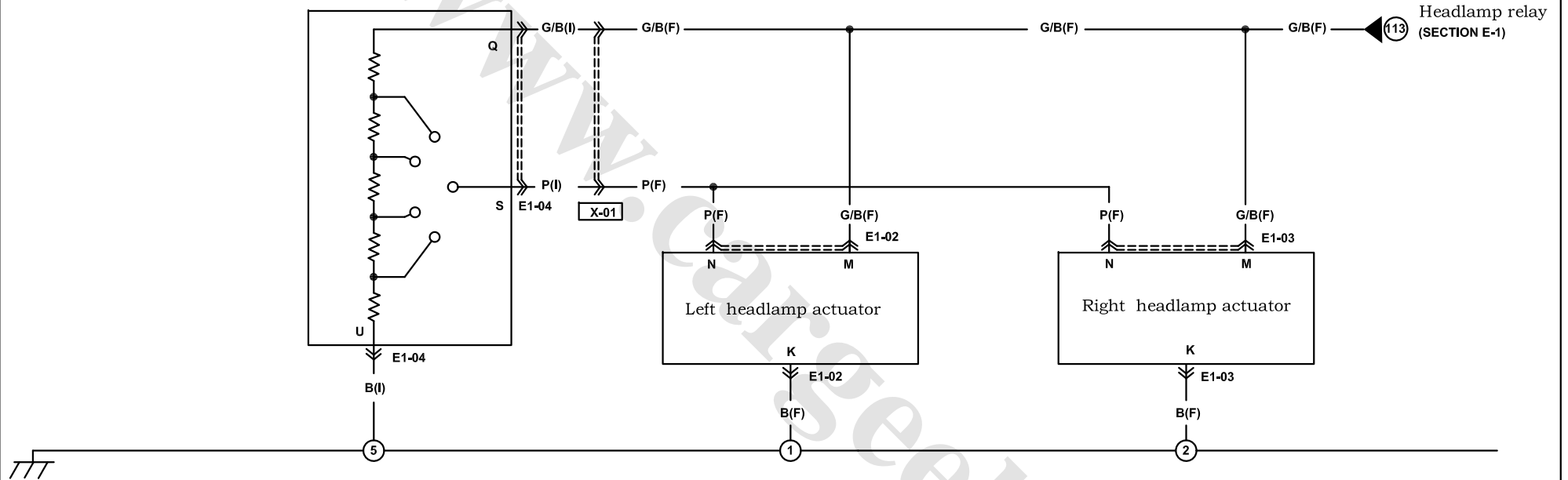
E1-03 Right headlamp (F)



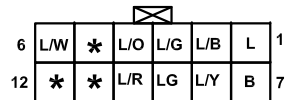
Harness mark:  (F)  (E)  (D)  (R)



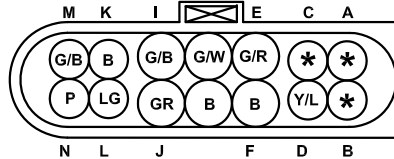
Headlamp beam level adjusting switch



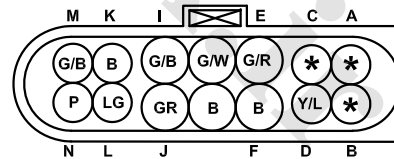
E1-01 Headlamp switch (D)



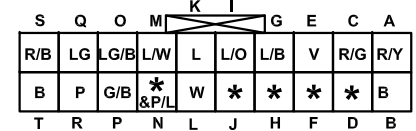
E1-02 Left headlamp (F)



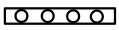
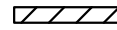


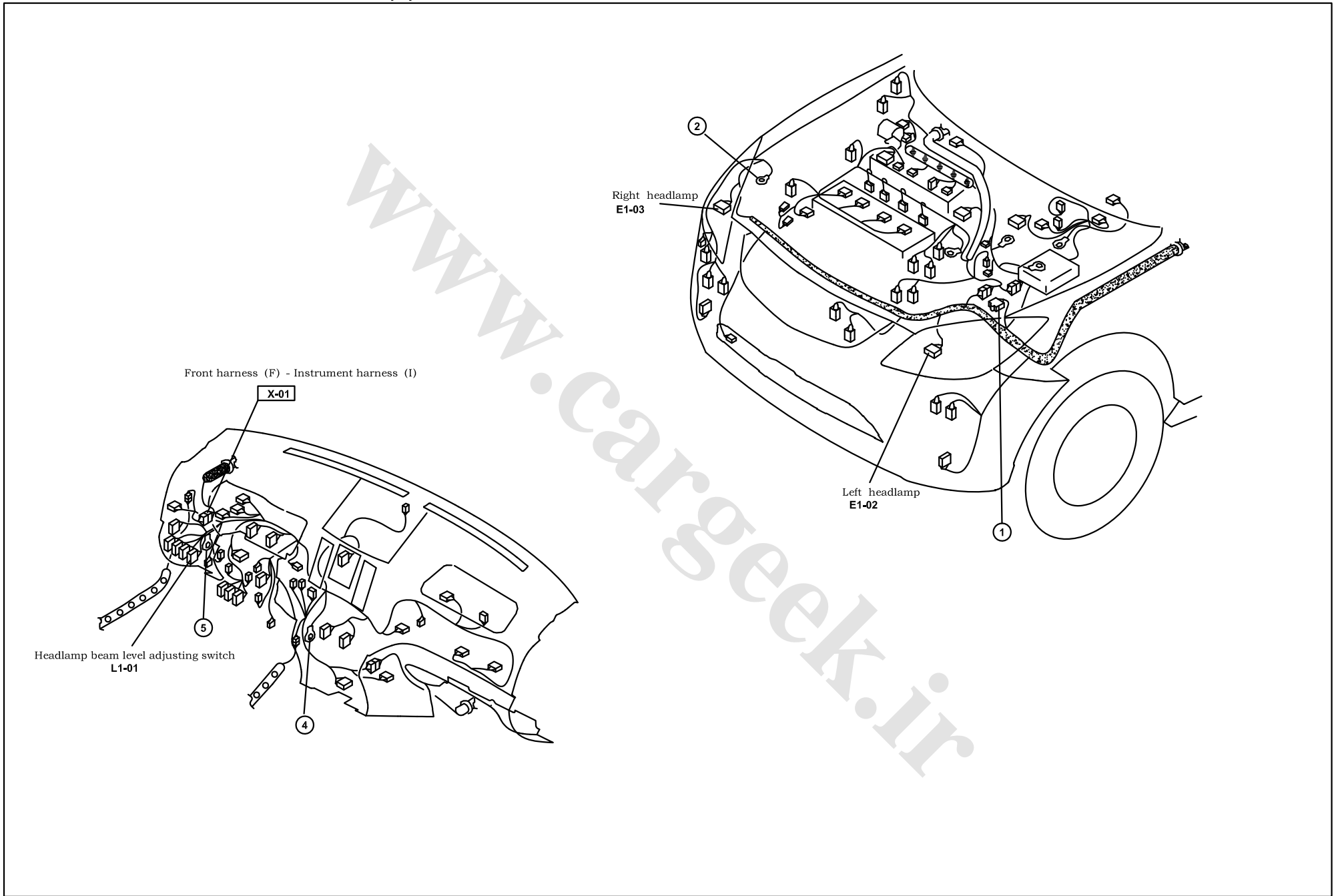
E1-03 Right headlamp (F)



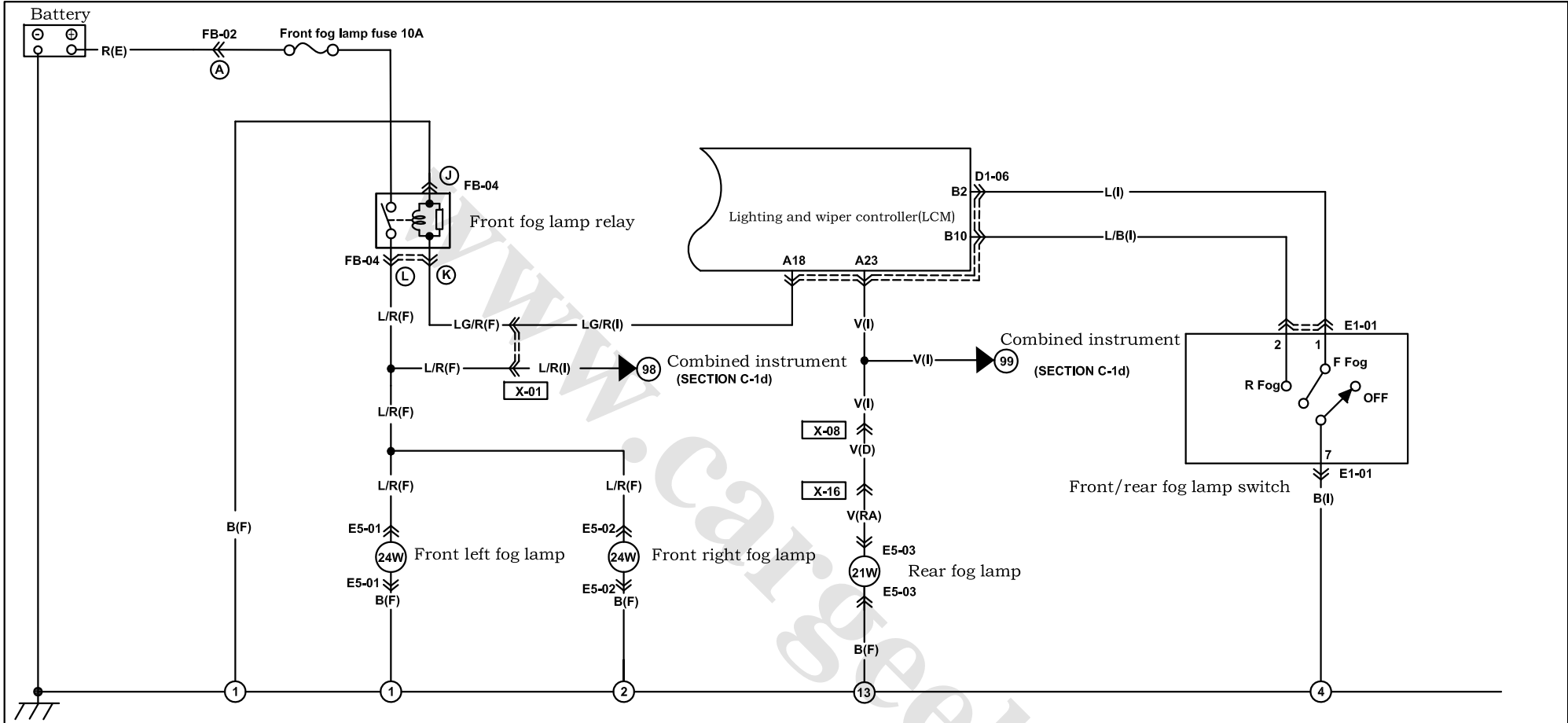
L1-01 Headlamp beam level adjusting switch (I)




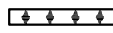
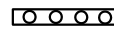
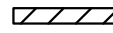
Harness mark:  (F)  (E)  (D)  (R)

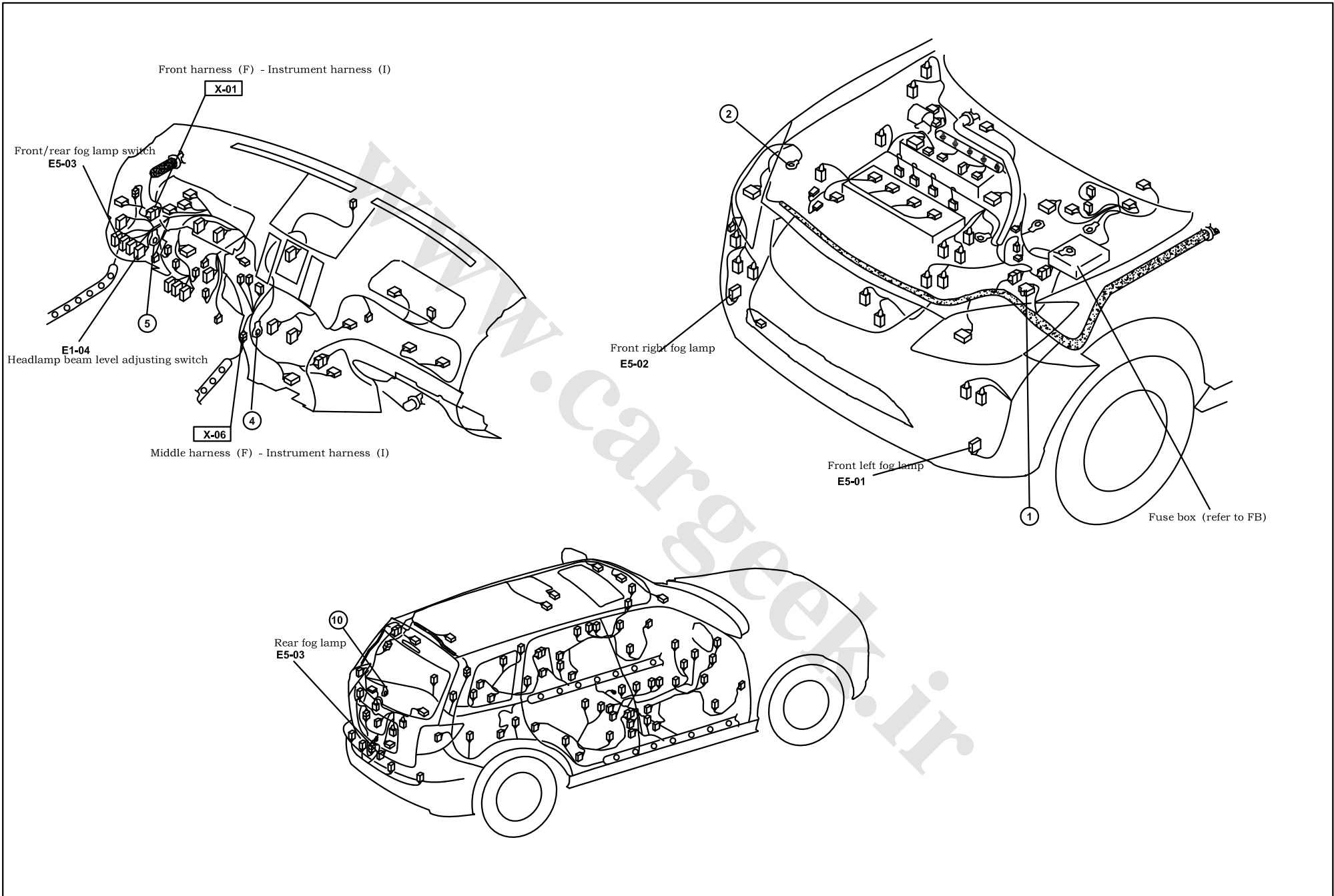


Front/rear fog lamp

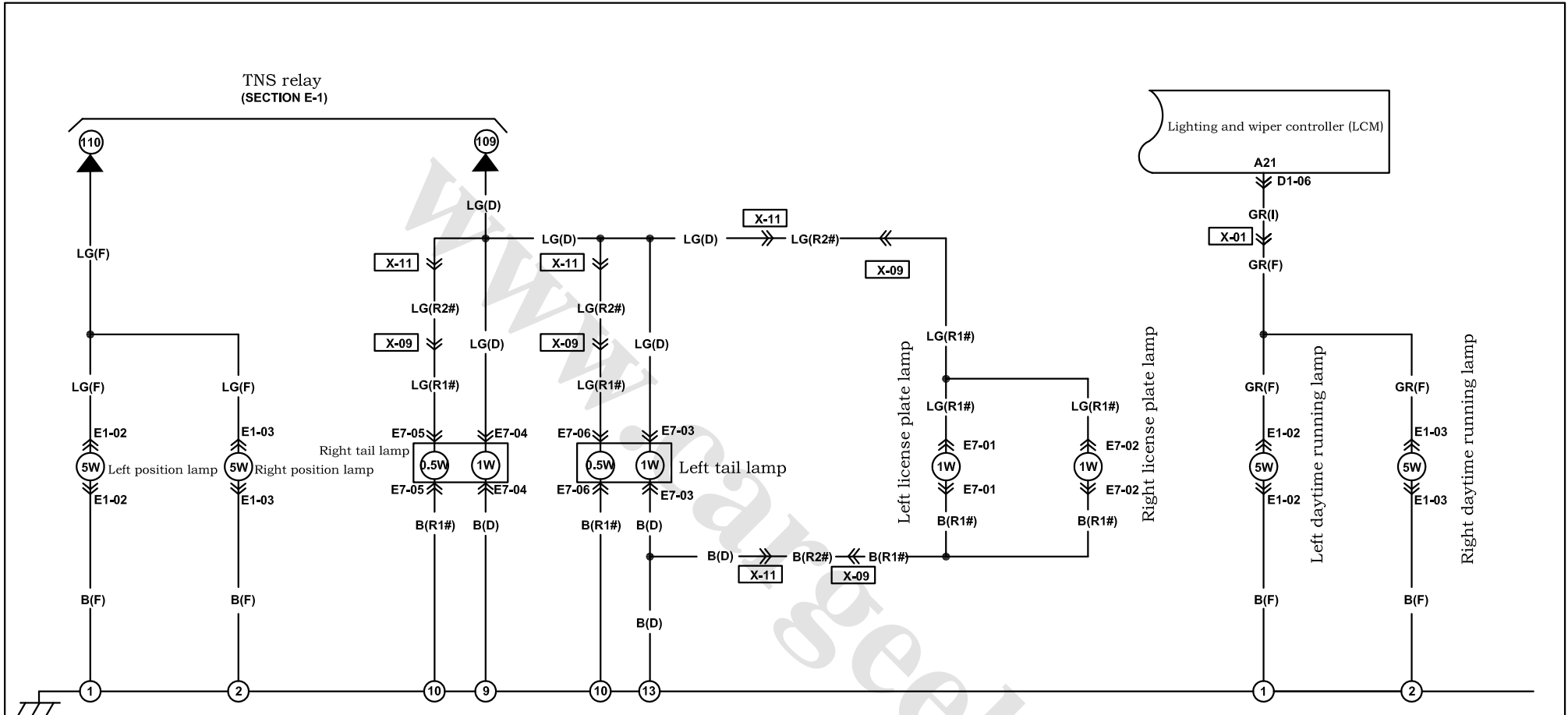


<p>E5-01 Front left fog lamp (F)</p>	<p>E5-03 Rear left fog lamp (RA)</p>	<p>D1-06 Lighting and wiper controller (I)</p> <table border="1"> <tr> <td>A13</td> <td>B/O</td> <td>L/Y</td> <td>B</td> <td>B</td> <td>L/O</td> <td>Y/G</td> <td>L/G</td> <td>P/L</td> <td>*</td> <td>BR</td> <td>*</td> <td>G/O</td> <td>G/L</td> <td>A1</td> </tr> <tr> <td>A26</td> <td>B/W</td> <td>B/Y</td> <td>R/L</td> <td>V</td> <td>L</td> <td>GR</td> <td>*</td> <td>L/R</td> <td>LG/R</td> <td>L/B</td> <td>G/B</td> <td>G/W</td> <td>B</td> <td>A14</td> </tr> </table>	A13	B/O	L/Y	B	B	L/O	Y/G	L/G	P/L	*	BR	*	G/O	G/L	A1	A26	B/W	B/Y	R/L	V	L	GR	*	L/R	LG/R	L/B	G/B	G/W	B	A14	<p>D1-06 Lighting and wiper controller (I)</p> <table border="1"> <tr> <td>B1</td> <td>G</td> <td>L</td> <td>L/Y</td> <td>L/R</td> <td>W/R</td> <td>V/R</td> <td>P</td> <td>LG/R</td> <td>B8</td> </tr> <tr> <td>B9</td> <td>Y</td> <td>L/B</td> <td>LG</td> <td>L/W</td> <td>W/Y</td> <td>V/B</td> <td>V/G</td> <td>W/L</td> <td>B16</td> </tr> </table>	B1	G	L	L/Y	L/R	W/R	V/R	P	LG/R	B8	B9	Y	L/B	LG	L/W	W/Y	V/B	V/G	W/L	B16
A13	B/O	L/Y	B	B	L/O	Y/G	L/G	P/L	*	BR	*	G/O	G/L	A1																																							
A26	B/W	B/Y	R/L	V	L	GR	*	L/R	LG/R	L/B	G/B	G/W	B	A14																																							
B1	G	L	L/Y	L/R	W/R	V/R	P	LG/R	B8																																												
B9	Y	L/B	LG	L/W	W/Y	V/B	V/G	W/L	B16																																												
<p>E5-02 Front right fog lamp (F)</p>	<p>E1-01 Headlamp switch (I)</p> <table border="1"> <tr> <td>6</td> <td>L/W</td> <td>*</td> <td>L/O</td> <td>L/G</td> <td>L/B</td> <td>L</td> <td>1</td> </tr> <tr> <td>12</td> <td>*</td> <td>*</td> <td>L/R</td> <td>LG</td> <td>L/Y</td> <td>B</td> <td>7</td> </tr> </table>	6	L/W	*	L/O	L/G	L/B	L	1	12	*	*	L/R	LG	L/Y	B	7																																				
6	L/W	*	L/O	L/G	L/B	L	1																																														
12	*	*	L/R	LG	L/Y	B	7																																														

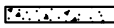
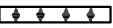
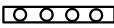

Harness mark:  (F)  (E)  (D)  (R)

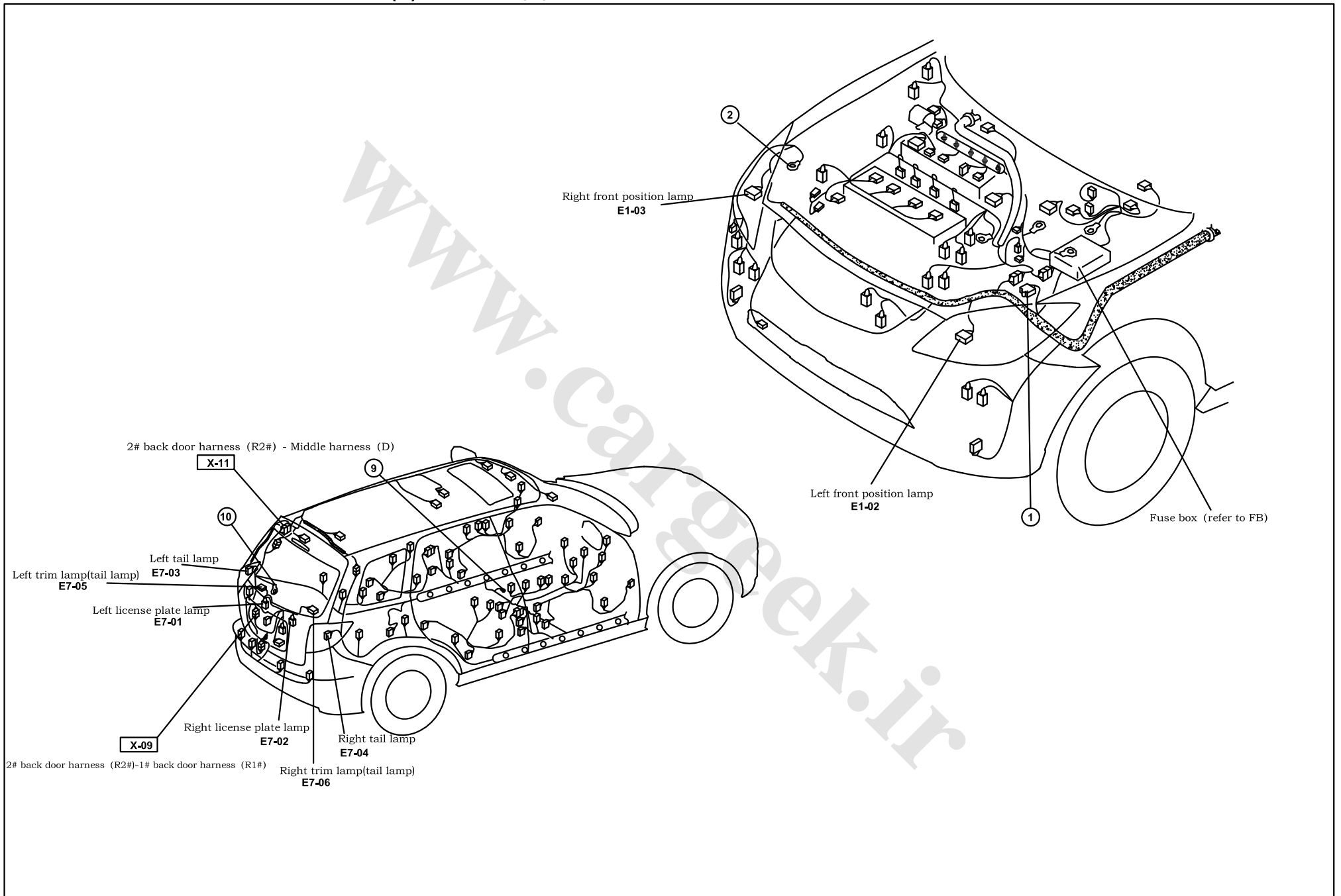


License plate lamp/position lamp/tail lamp/daytime running lamp

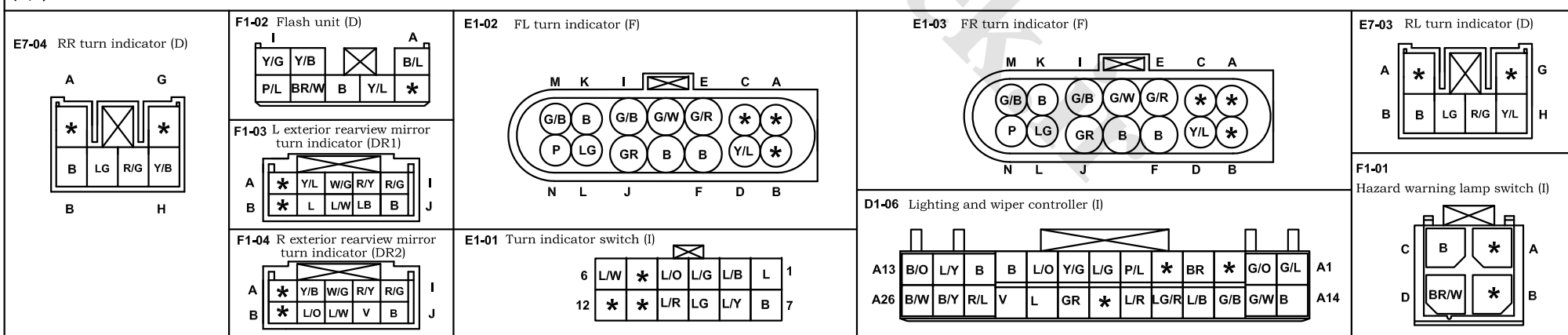
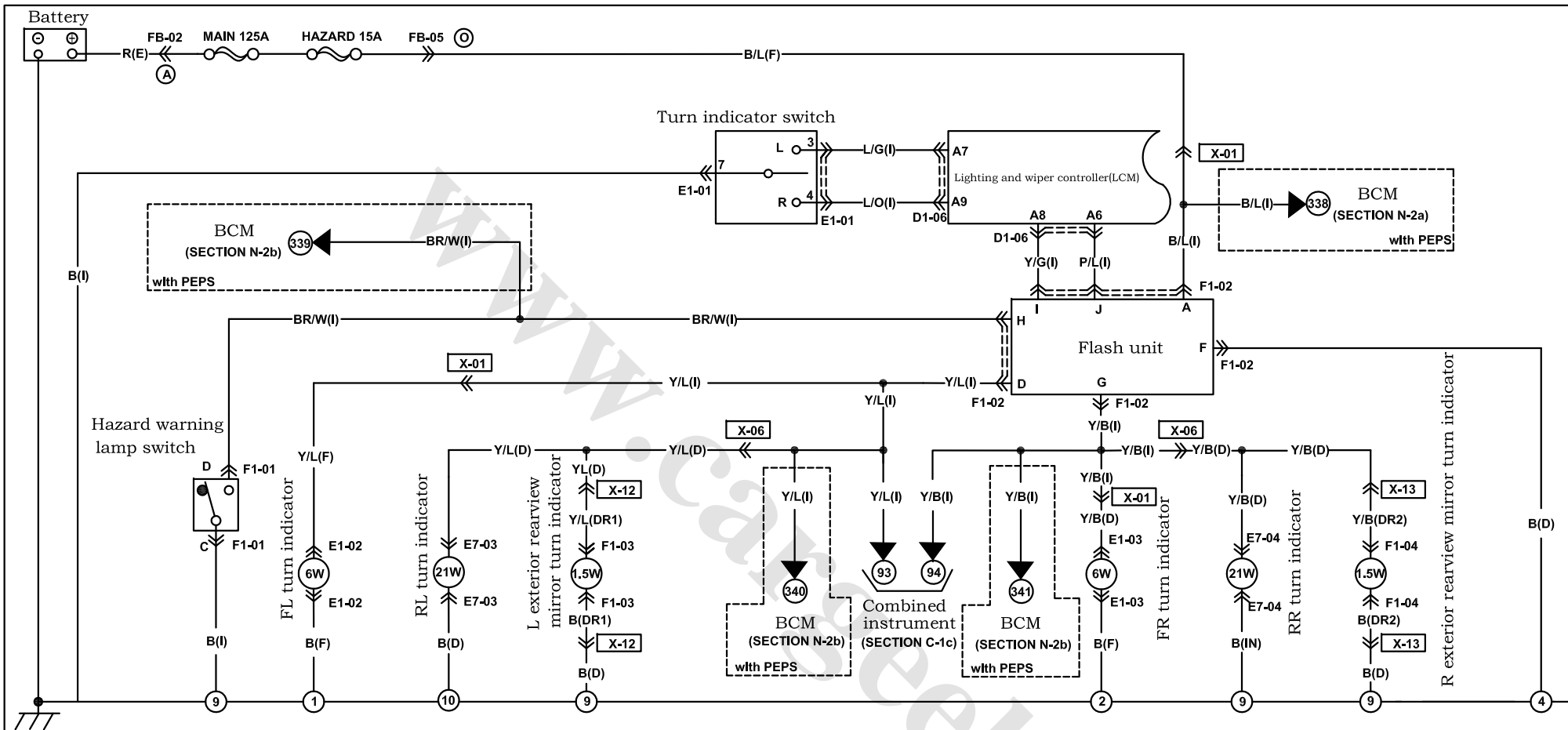


<p>E7-01 Left license plate lamp (R1#)</p>	<p>E7-02 Right license plate lamp (R1#)</p>	<p>E7-03 Left tail lamp (D)</p>	<p>E7-04 Right tail lamp (D)</p>	<p>E1-02 Left position lamp (F)</p>	
<p>E1-03 Right position lamp (F)</p>		<p>E7-05 Left trim lamp(tail lamp)(R2#)</p>	<p>E7-06 Right trim lamp(tail lamp)(R2#)</p>		

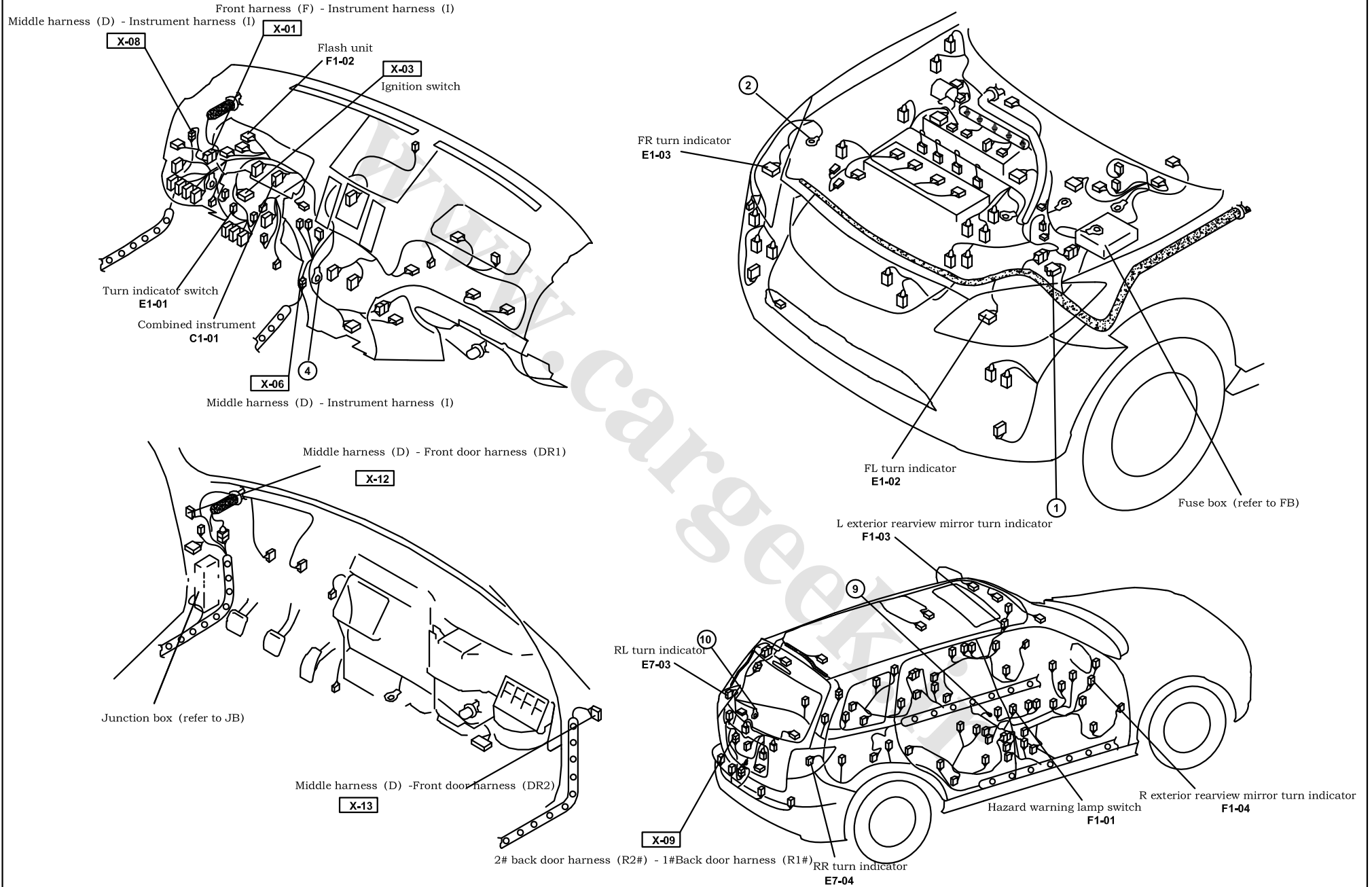
Harness mark:  (F)  (E)  (D)  (R)

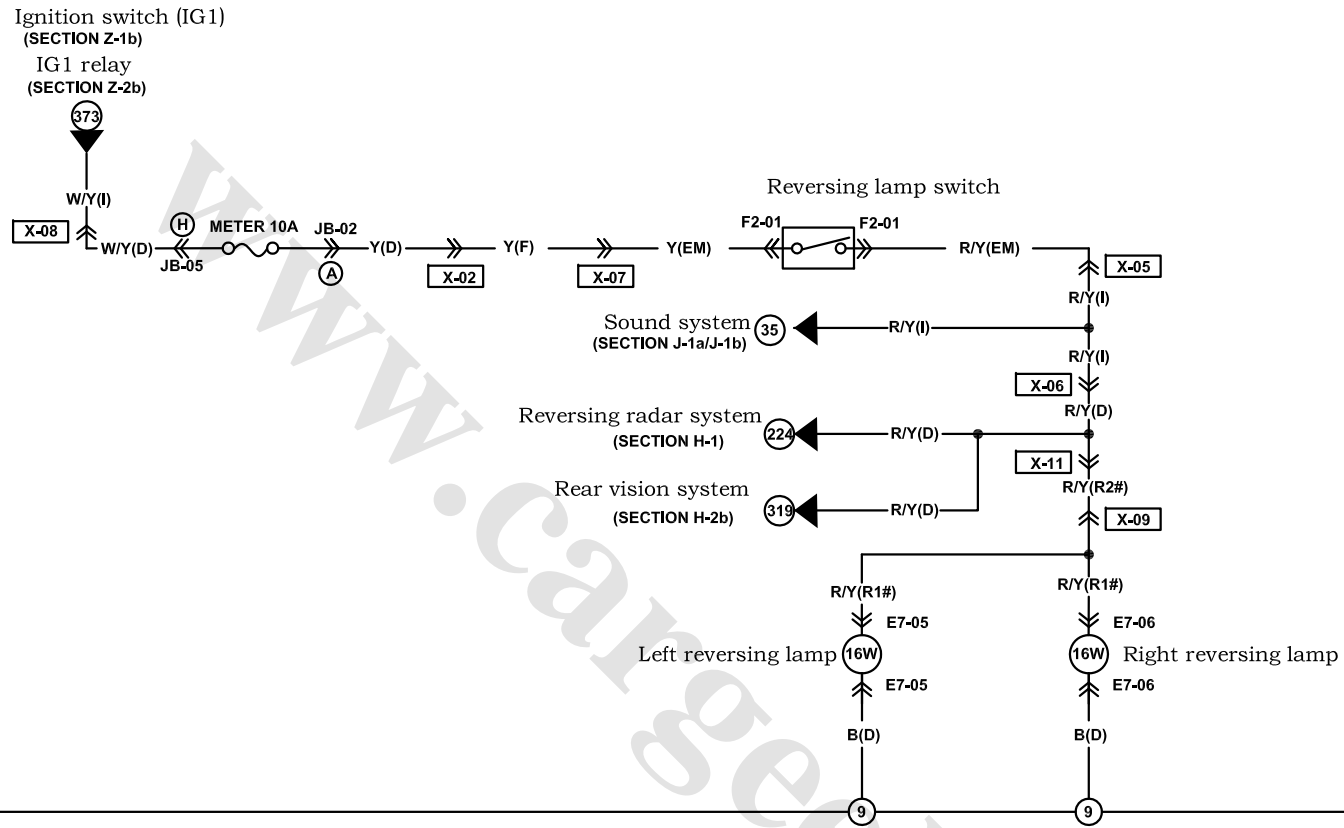


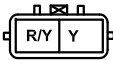
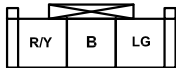
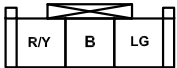
Turn indicator and hazard warning lamp



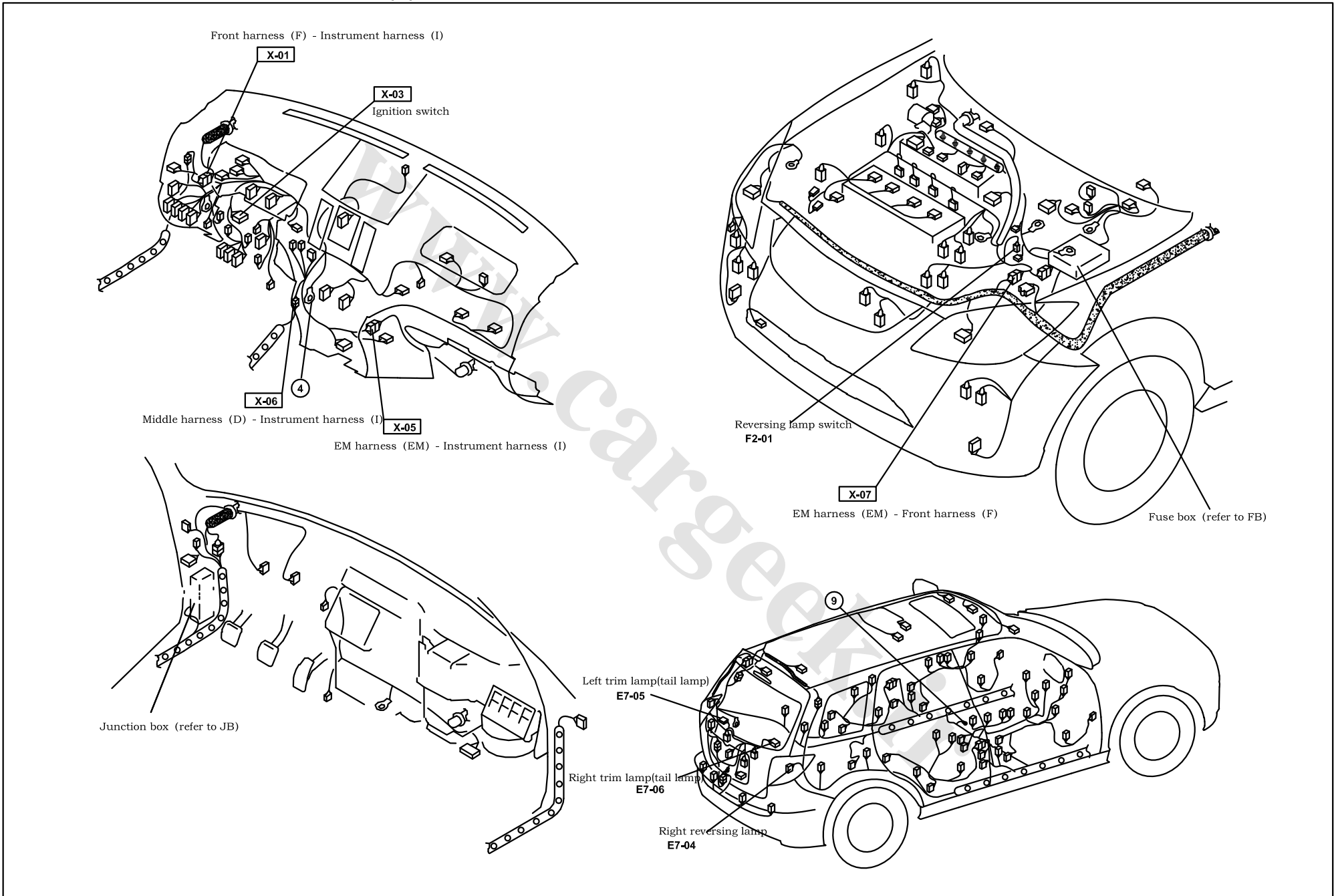
Harness mark:  (F)  (E)  (D)  (R)



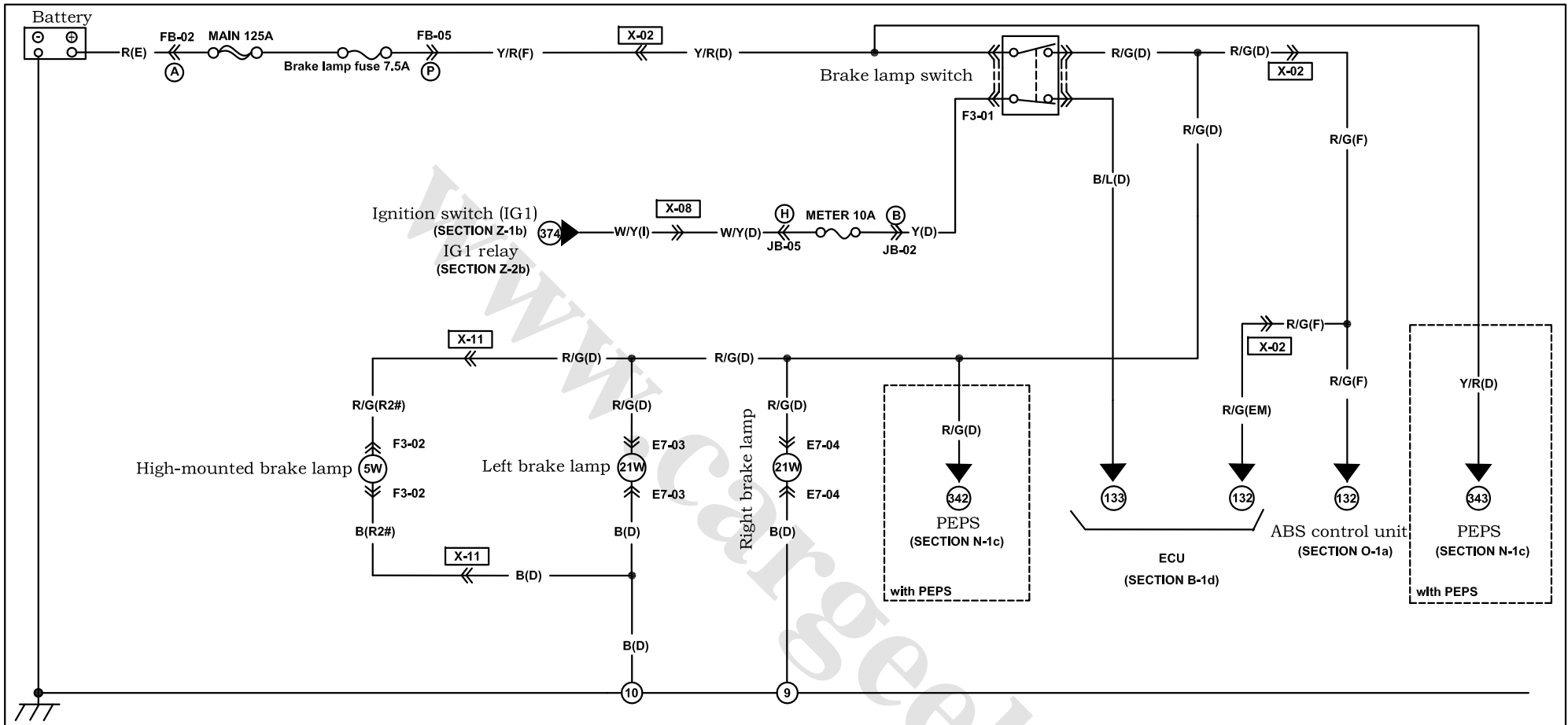


<p>F2-01 Reversing lamp switch (EM)</p> 	<p>E7-05 Left trim lamp(tail lamp)(R2#)</p> 	<p>E7-06 Right trim lamp(tail lamp)(R2#)</p> 				




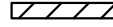
Harness mark:  (F)  (E)  (D)  (R)

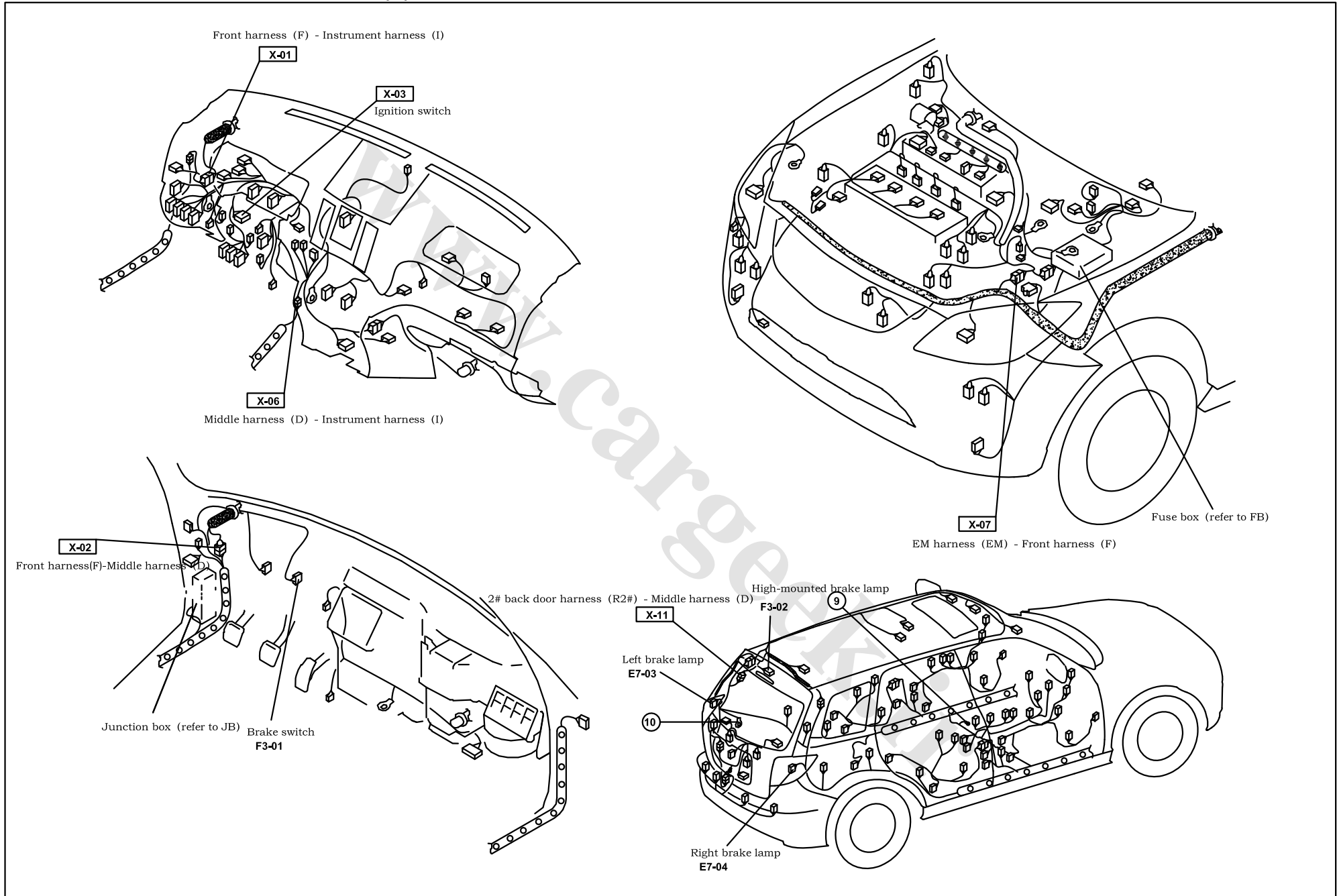


Brake lamp

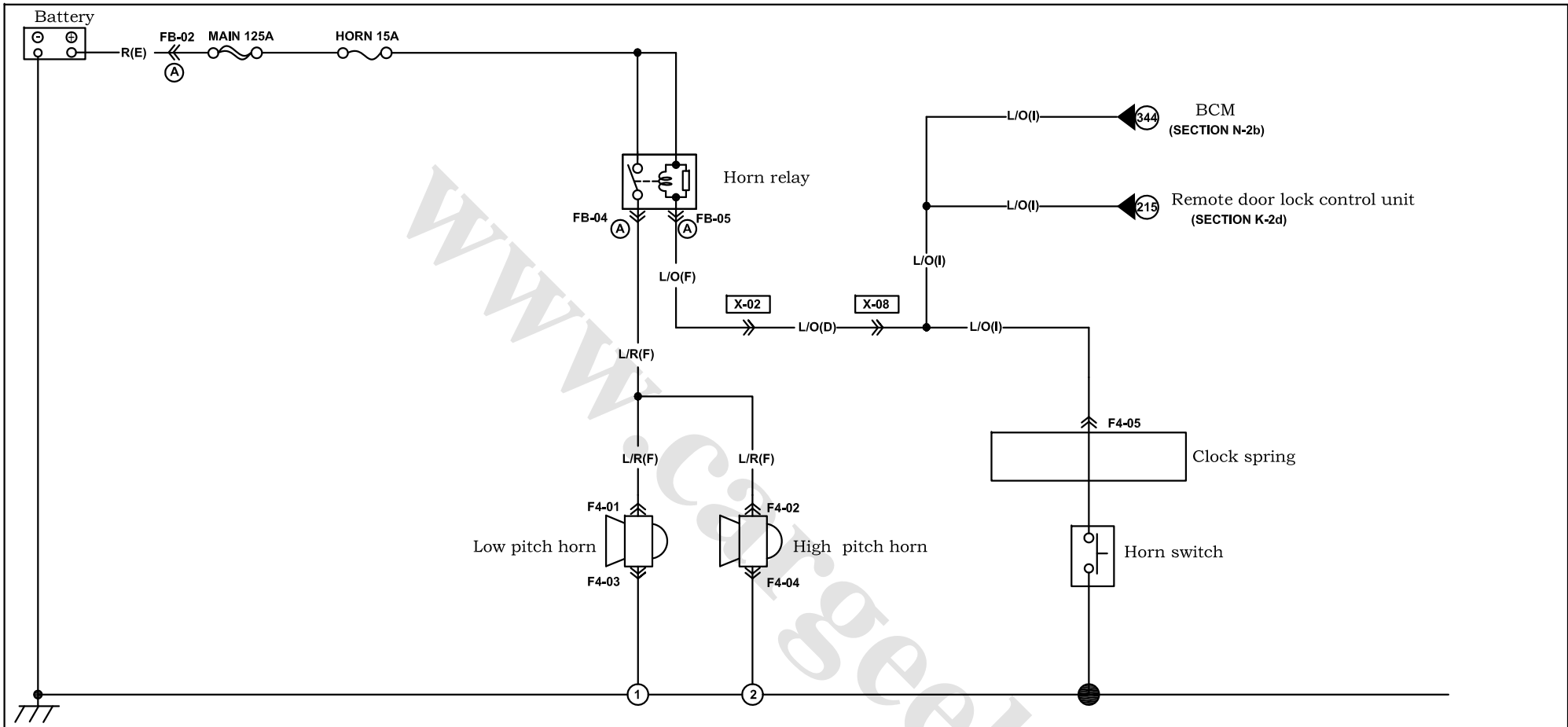


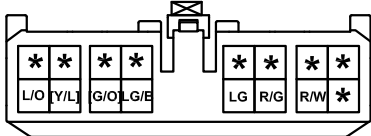
<p>F3-01 Brake switch (D)</p>	<p>F3-02 High-mounted brake lamp(R2#)</p>					
<p>E7-03 Left brake lamp(D)</p>	<p>E7-04 Right brake lamp(D)</p>					

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

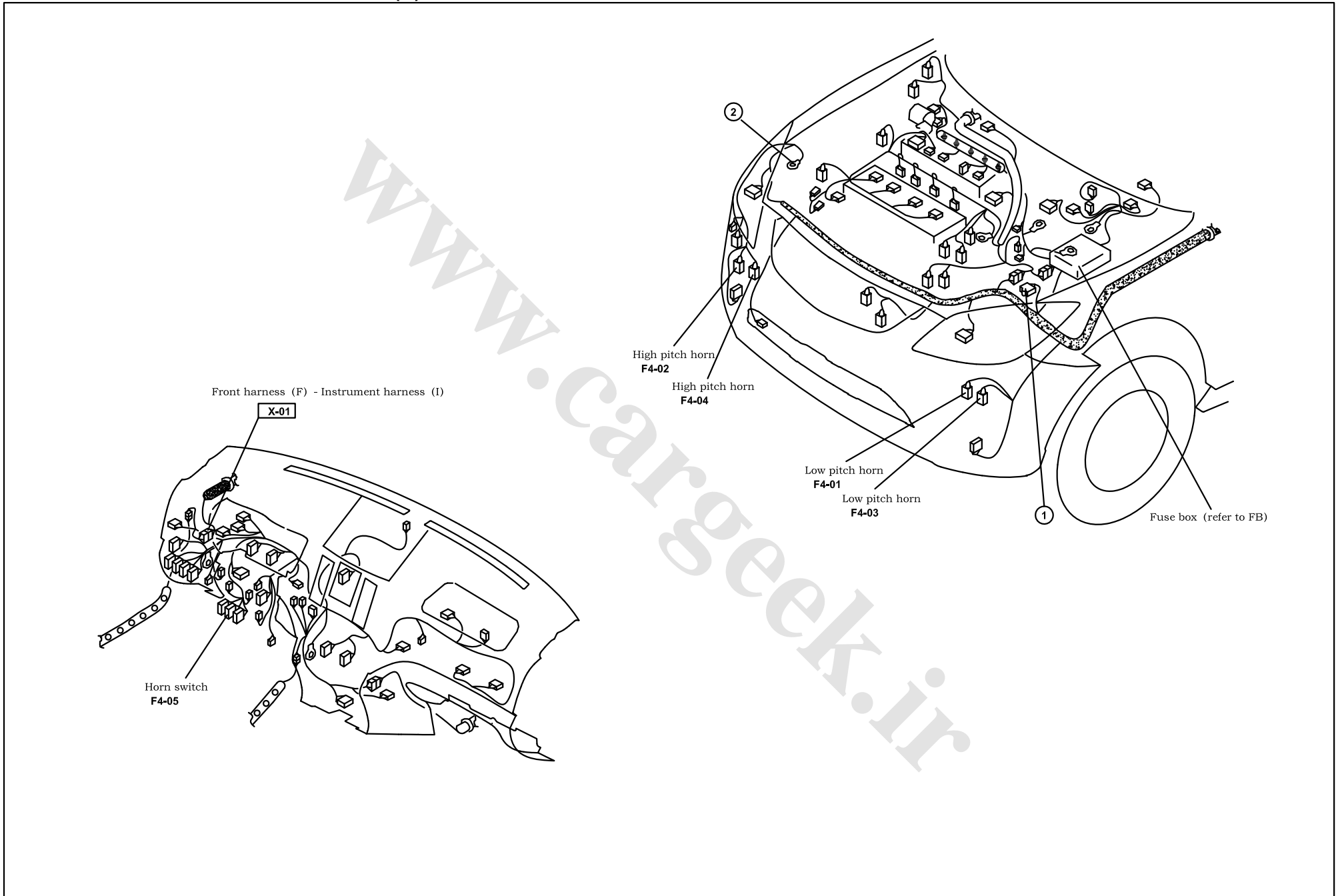


Horn



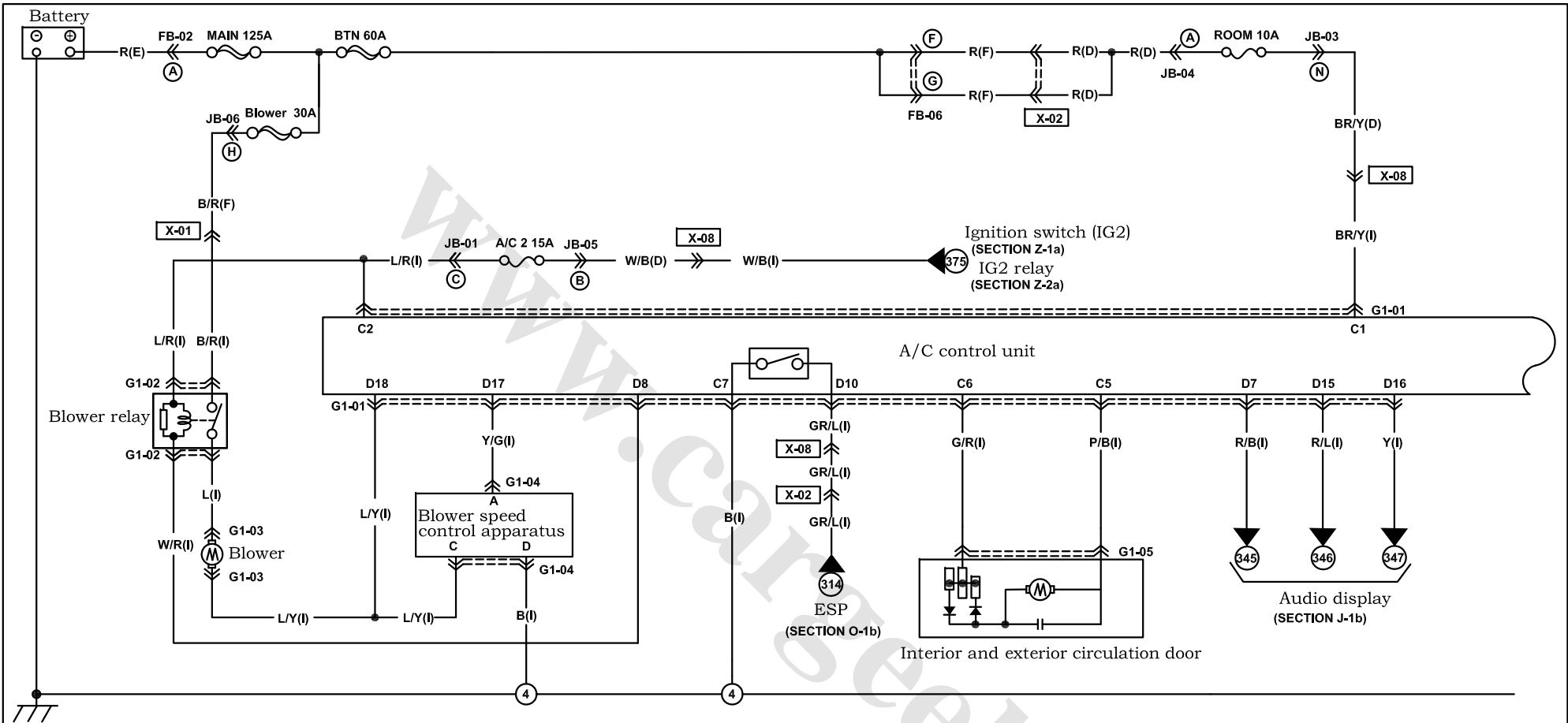
<p>F4-01 Low pitch horn (F)</p> <p>L/R <input type="checkbox"/></p>	<p>F4-02 High pitch horn(F)</p> <p>L/R <input type="checkbox"/></p>	<p>F4-05 Clock spring (1) <input type="checkbox"/> With cruise</p> 		
<p>F4-03 Low pitch horn (F)</p> <p>B <input type="checkbox"/></p>	<p>F4-04 High pitch horn(F)</p> <p>B <input type="checkbox"/></p>			

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



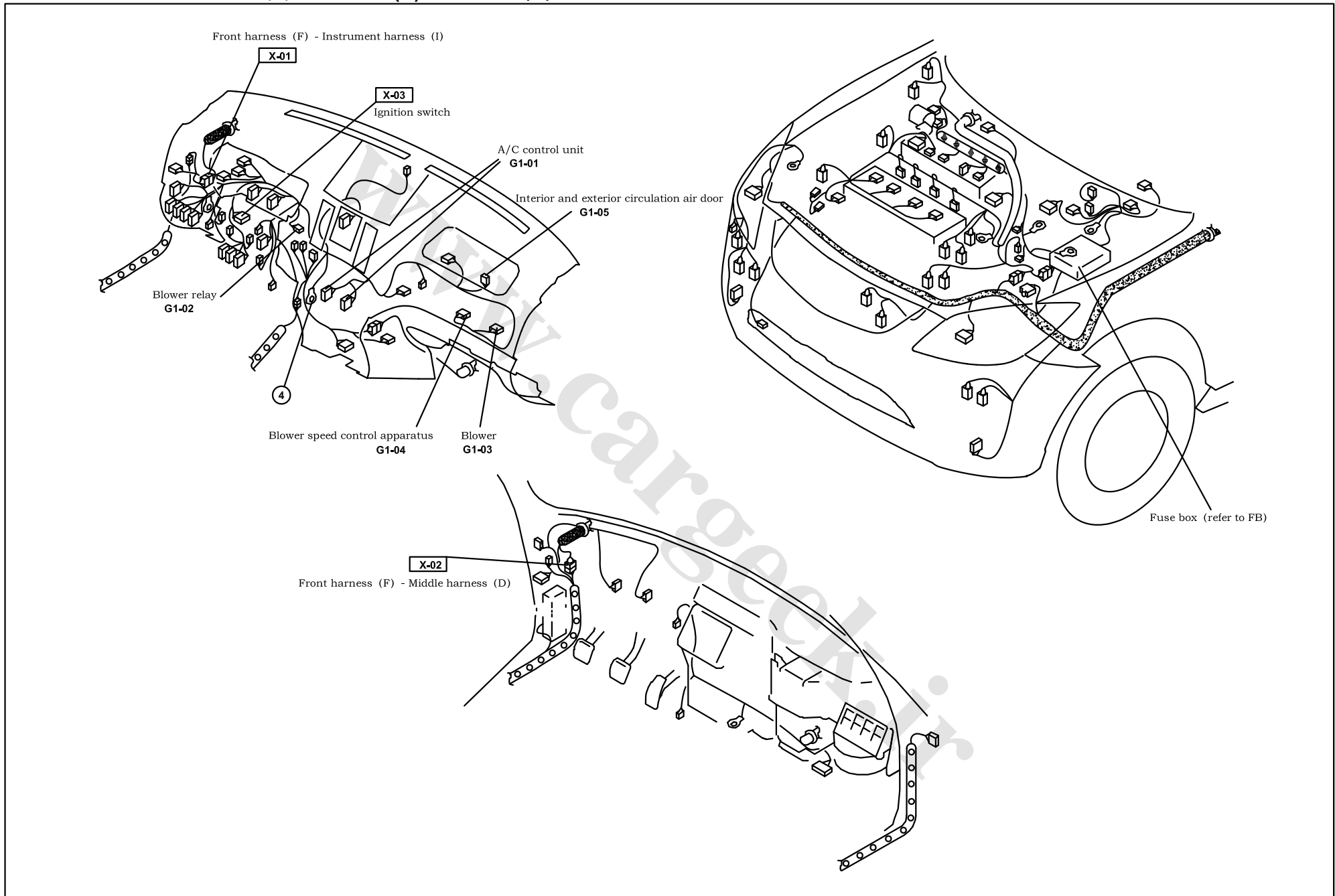
Air conditioning system

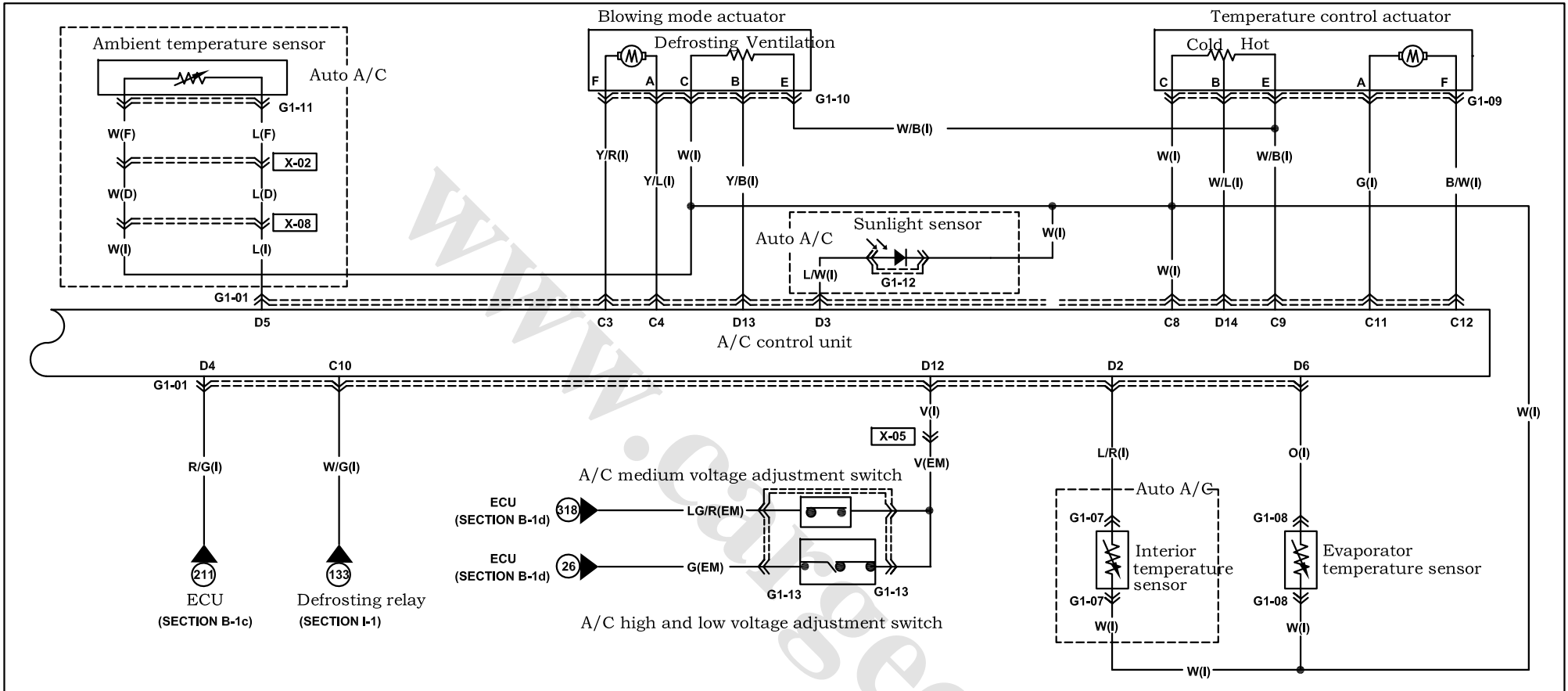
G-1a



<p>G1-01 A/C control unit (I) () with ESP</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 33%;">C1</td> <td style="width: 33%;">C6</td> <td style="width: 33%;">D10</td> </tr> <tr> <td>BR/Y</td> <td>L/R</td> <td>Y/R</td> </tr> <tr> <td>Y/L</td> <td>P/B</td> <td>G/R</td> </tr> <tr> <td>B</td> <td>W</td> <td>W/B</td> </tr> <tr> <td>W/G</td> <td>G</td> <td>B/W</td> </tr> <tr> <td>C7</td> <td>C12</td> <td>D20</td> </tr> </table> <table border="1" style="width: 100%;"> <tr> <td style="width: 33%;">D1</td> <td style="width: 33%;">D11</td> <td style="width: 33%;">D20</td> </tr> <tr> <td>LG</td> <td>L/R</td> <td>L/W</td> </tr> <tr> <td>R/G</td> <td>L</td> <td>O</td> </tr> <tr> <td>R/B</td> <td>W/R</td> <td>*</td> </tr> <tr> <td>GR/L</td> <td>LG/B</td> <td>V</td> </tr> <tr> <td>Y/B</td> <td>WL</td> <td>R/L</td> </tr> <tr> <td>Y</td> <td>Y/G</td> <td>L/Y</td> </tr> <tr> <td>*</td> <td>*</td> <td>*</td> </tr> </table>	C1	C6	D10	BR/Y	L/R	Y/R	Y/L	P/B	G/R	B	W	W/B	W/G	G	B/W	C7	C12	D20	D1	D11	D20	LG	L/R	L/W	R/G	L	O	R/B	W/R	*	GR/L	LG/B	V	Y/B	WL	R/L	Y	Y/G	L/Y	*	*	*	<p>G1-02 Blower relay (I)</p>	<p>G1-03 Blower (I)</p>	<p>G1-04 Blower speed control apparatus(I)</p>	<p>G1-05 Interior and exterior circulation door (I)</p>
C1	C6	D10																																												
BR/Y	L/R	Y/R																																												
Y/L	P/B	G/R																																												
B	W	W/B																																												
W/G	G	B/W																																												
C7	C12	D20																																												
D1	D11	D20																																												
LG	L/R	L/W																																												
R/G	L	O																																												
R/B	W/R	*																																												
GR/L	LG/B	V																																												
Y/B	WL	R/L																																												
Y	Y/G	L/Y																																												
*	*	*																																												

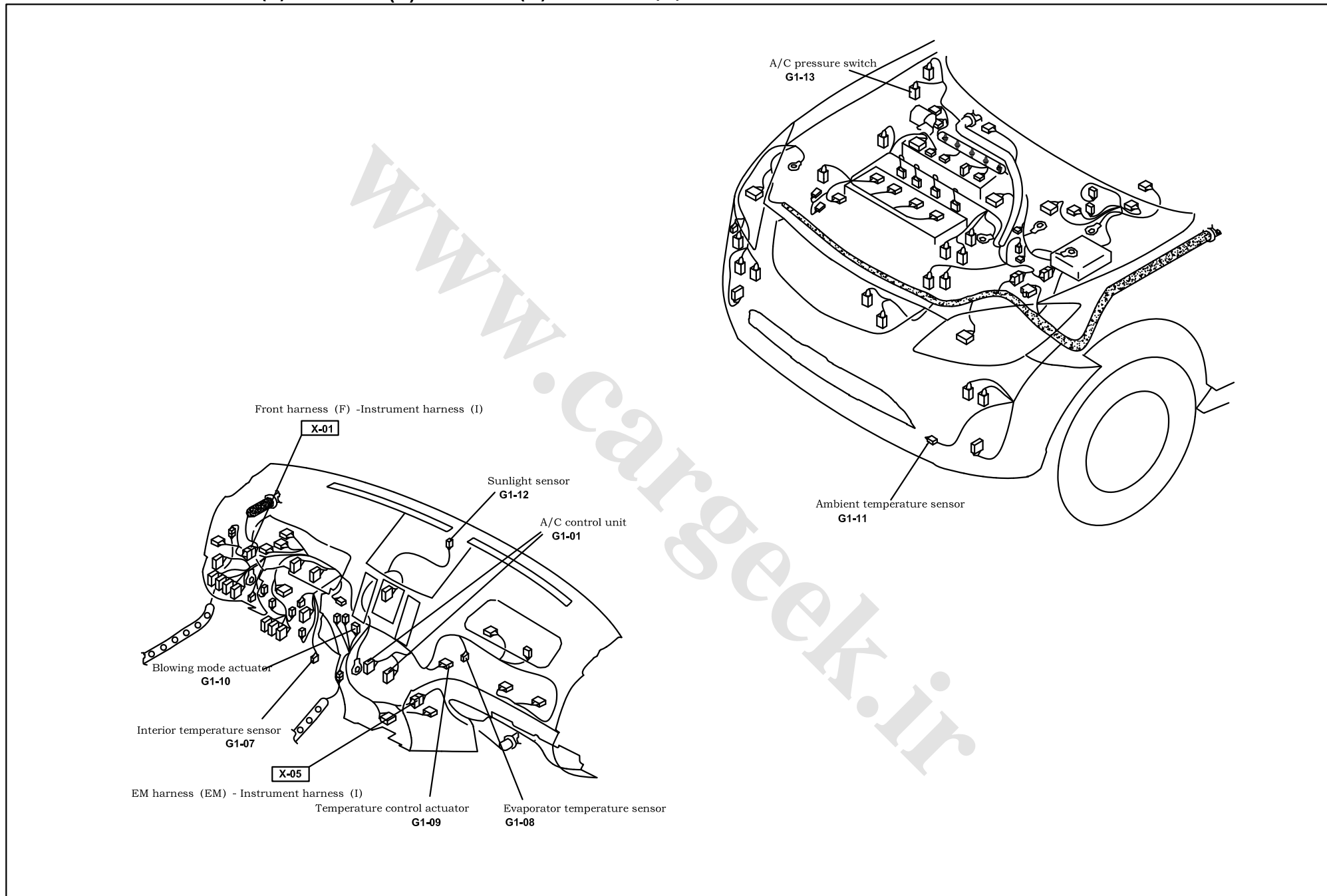
Harness mark:  (F)  (E)  (D)  (R)



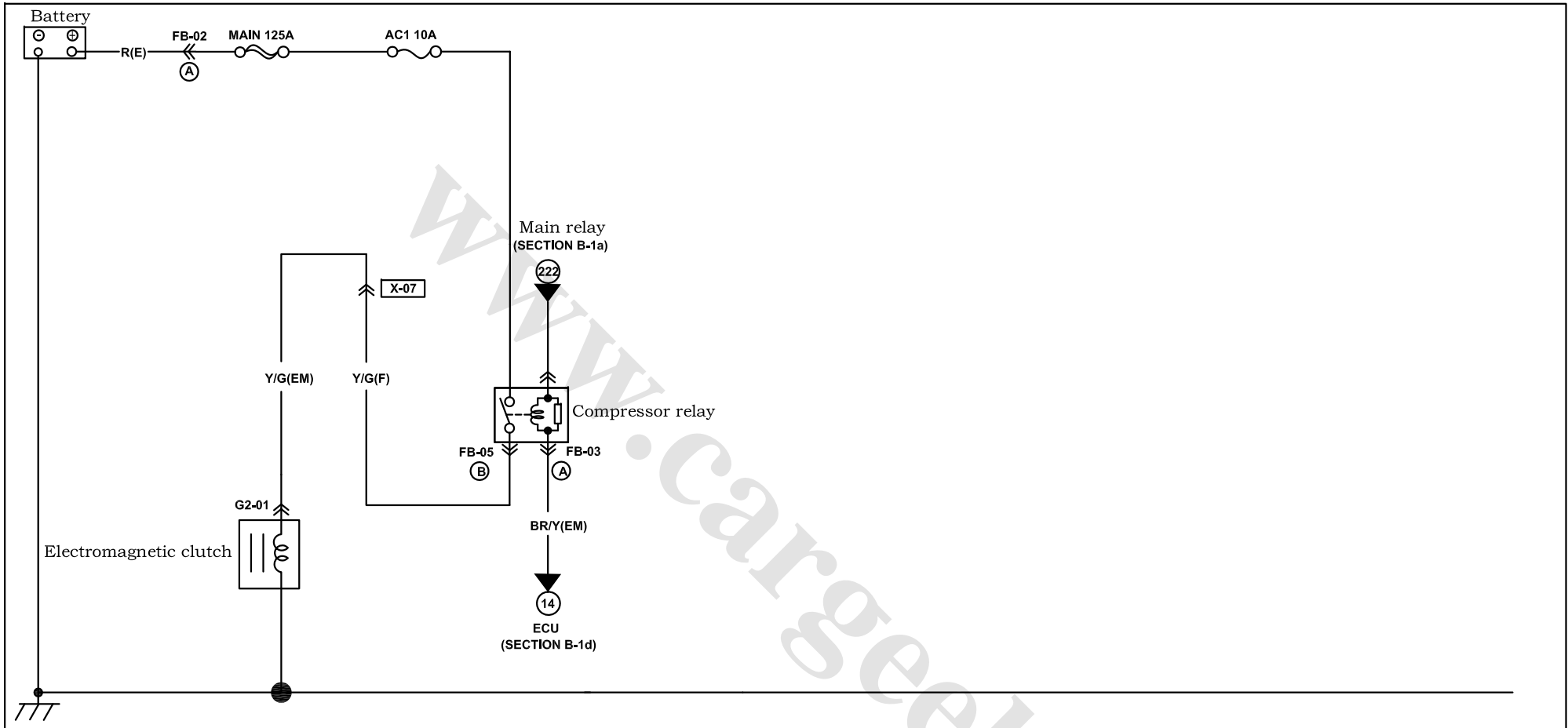



<p>G1-01 A/C control unit (I) () with ESP</p>	<p>G1-07 Interior temperature sensor(I)</p>	<p>G1-08 Evaporator temperature sensor(I)</p>	<p>G1-09 Temperature control actuator (I)</p>	<p>G1-10 Blowing mode actuator (I)</p>
	<p>G1-11 Ambient temperature sensor(F)</p>	<p>G1-12 Sunlight sensor (I)</p>	<p>G1-13 A/C pressure switch (EM)</p>	

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

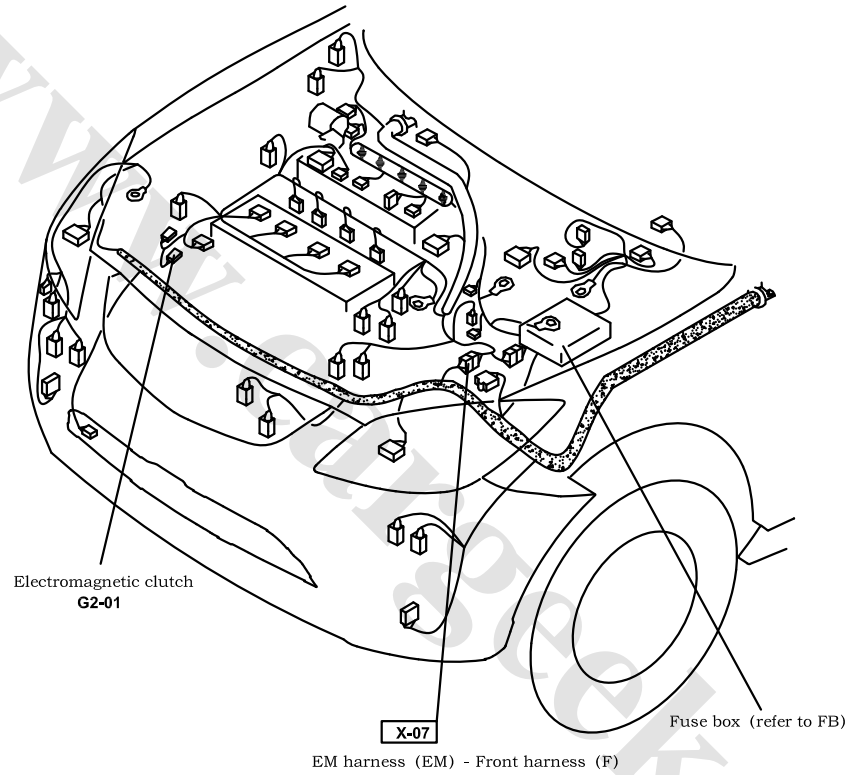


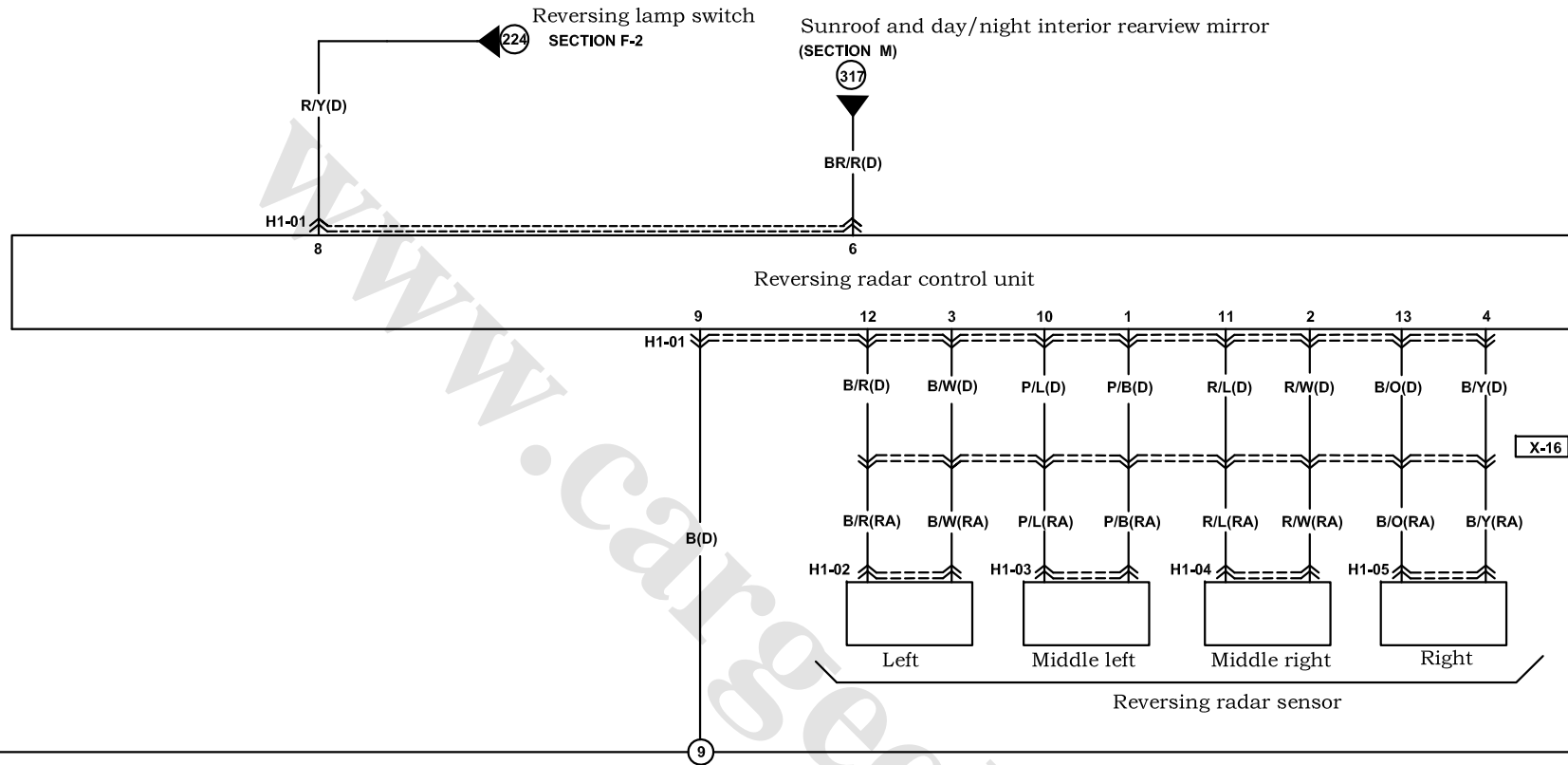
Compressor control system



<p>G2-01 Electromagnetic clutch (EM)</p> 						

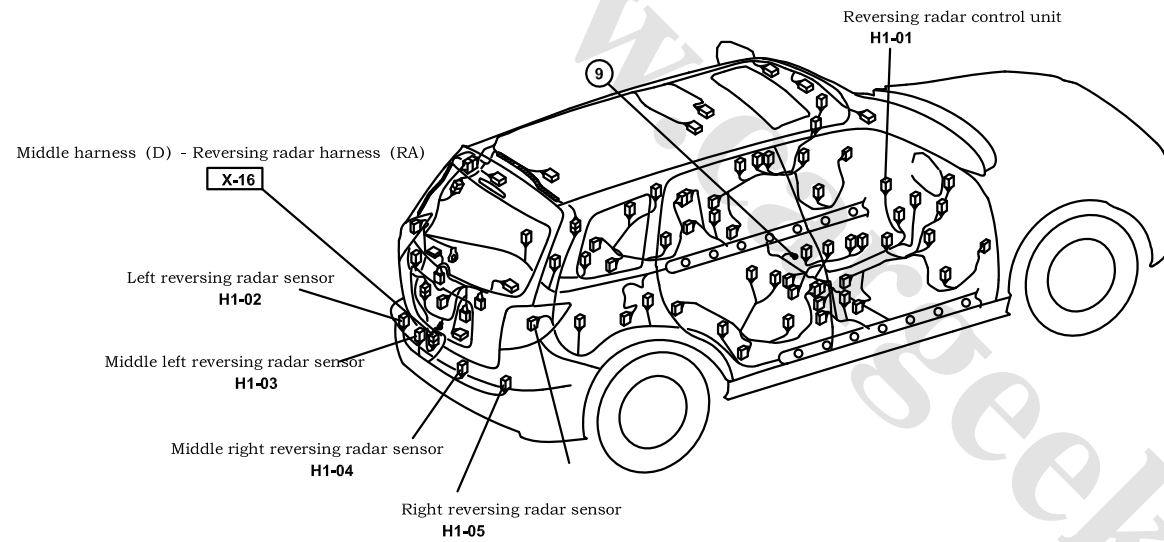
Harness mark:  (F)  (E)  (D)  (R)



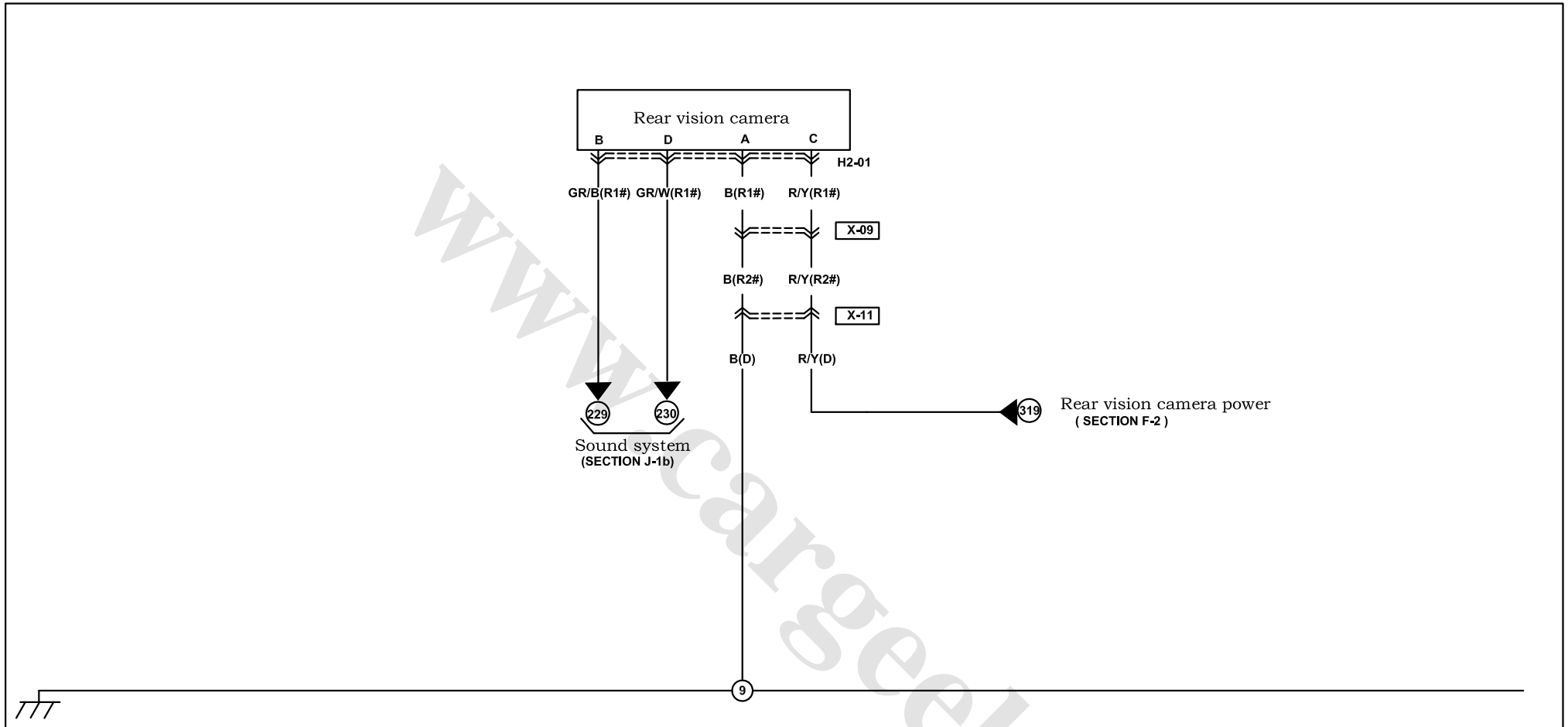


<p>H1-01 Reversing radar control unit (IN)</p>	<p>H1-02 Left reversing radar sensor (RA)</p>	<p>H1-03 Middle left reversing radar sensor (RA)</p>	<p>H1-04 Middle right reversing radar sensor(RA)</p>	<p>H1-05 Right reversing radar sensor(RA)</p>	

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

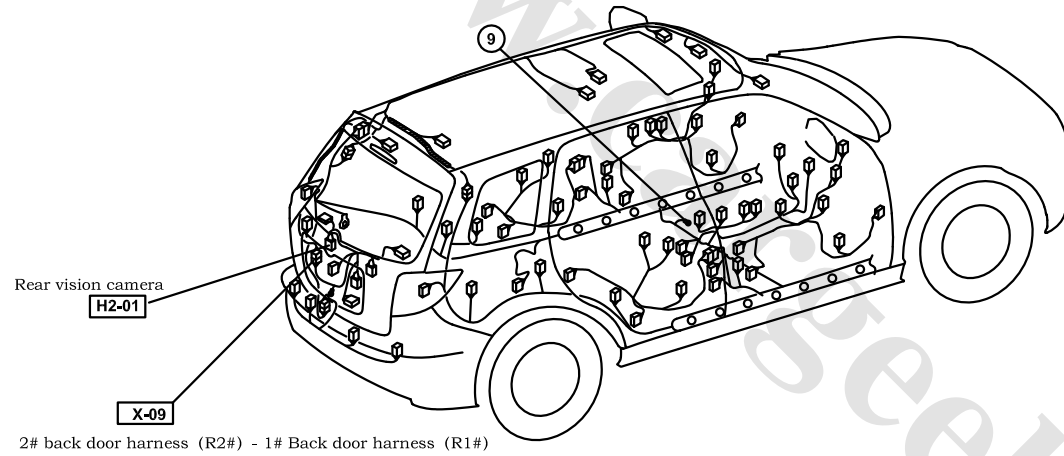


Rear vision system

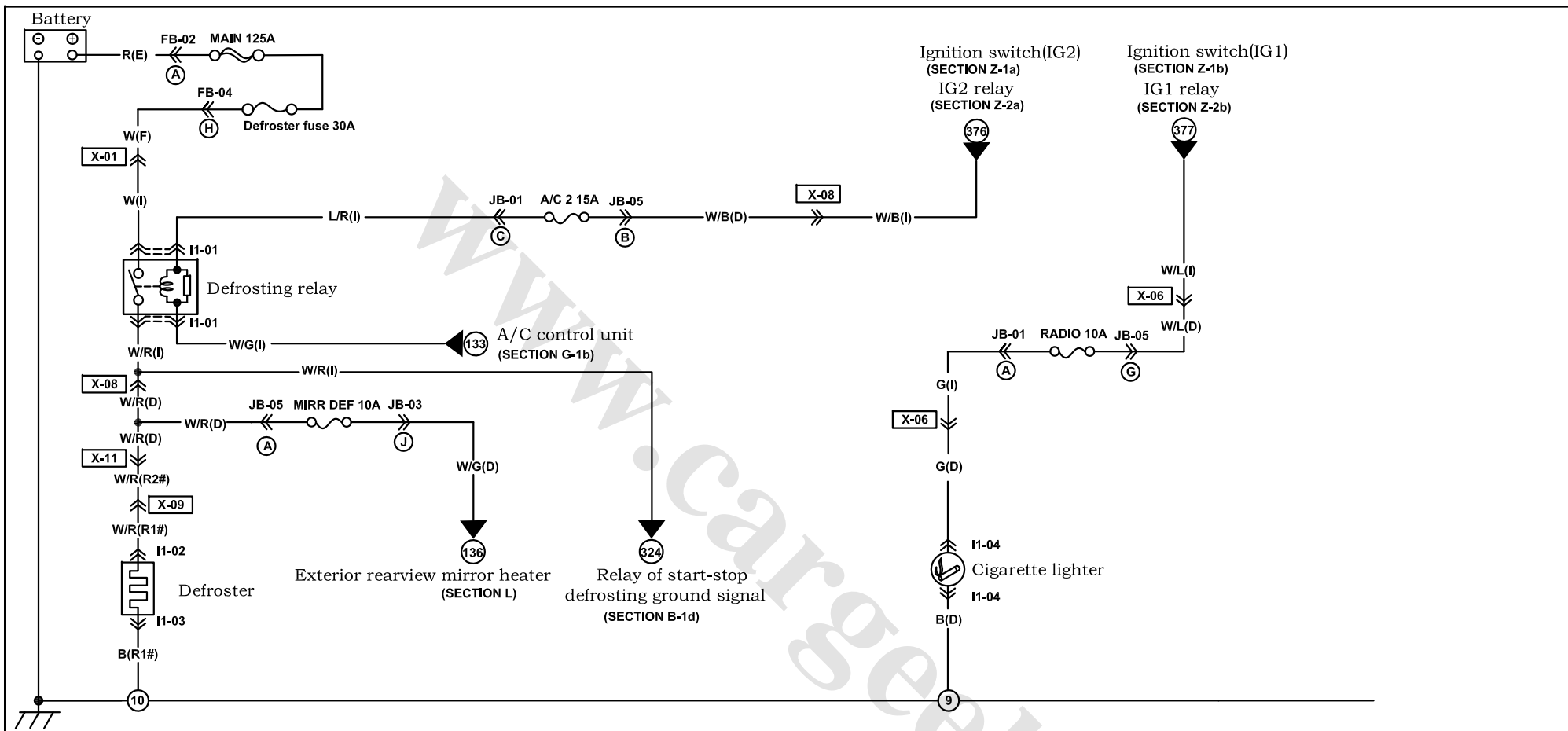


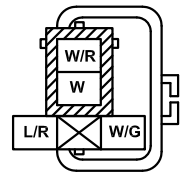

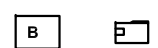
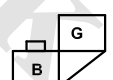
<p>H2-01 Rear vision camera (R1#)</p> <table border="1" data-bbox="224 1189 302 1292"> <tr> <td>C</td> <td><input checked="" type="checkbox"/></td> <td>A</td> </tr> <tr> <td>R/Y</td> <td></td> <td>B</td> </tr> <tr> <td>GR/W</td> <td></td> <td>GR/B</td> </tr> <tr> <td>D</td> <td></td> <td>B</td> </tr> </table>	C	<input checked="" type="checkbox"/>	A	R/Y		B	GR/W		GR/B	D		B					
C	<input checked="" type="checkbox"/>	A															
R/Y		B															
GR/W		GR/B															
D		B															

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

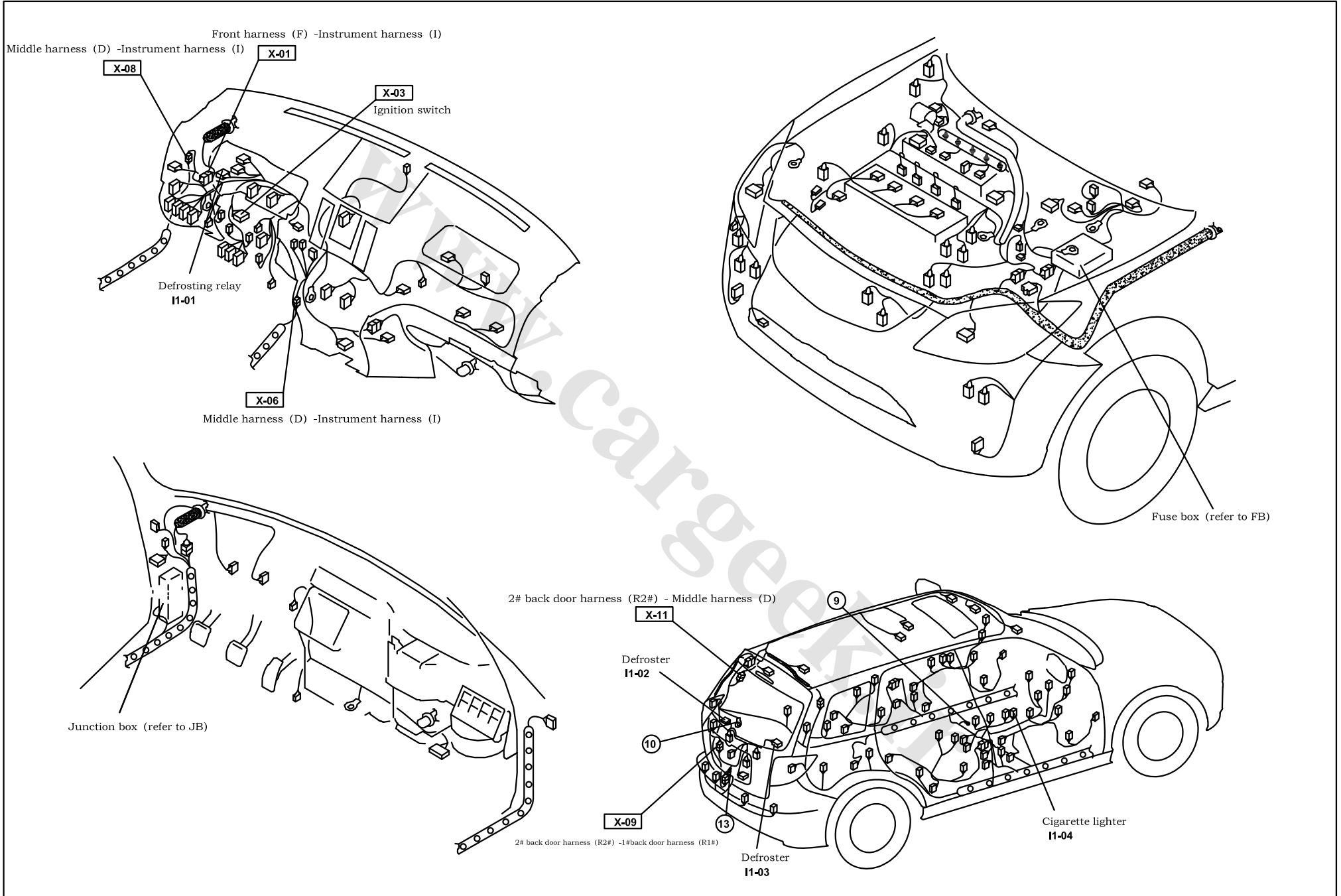


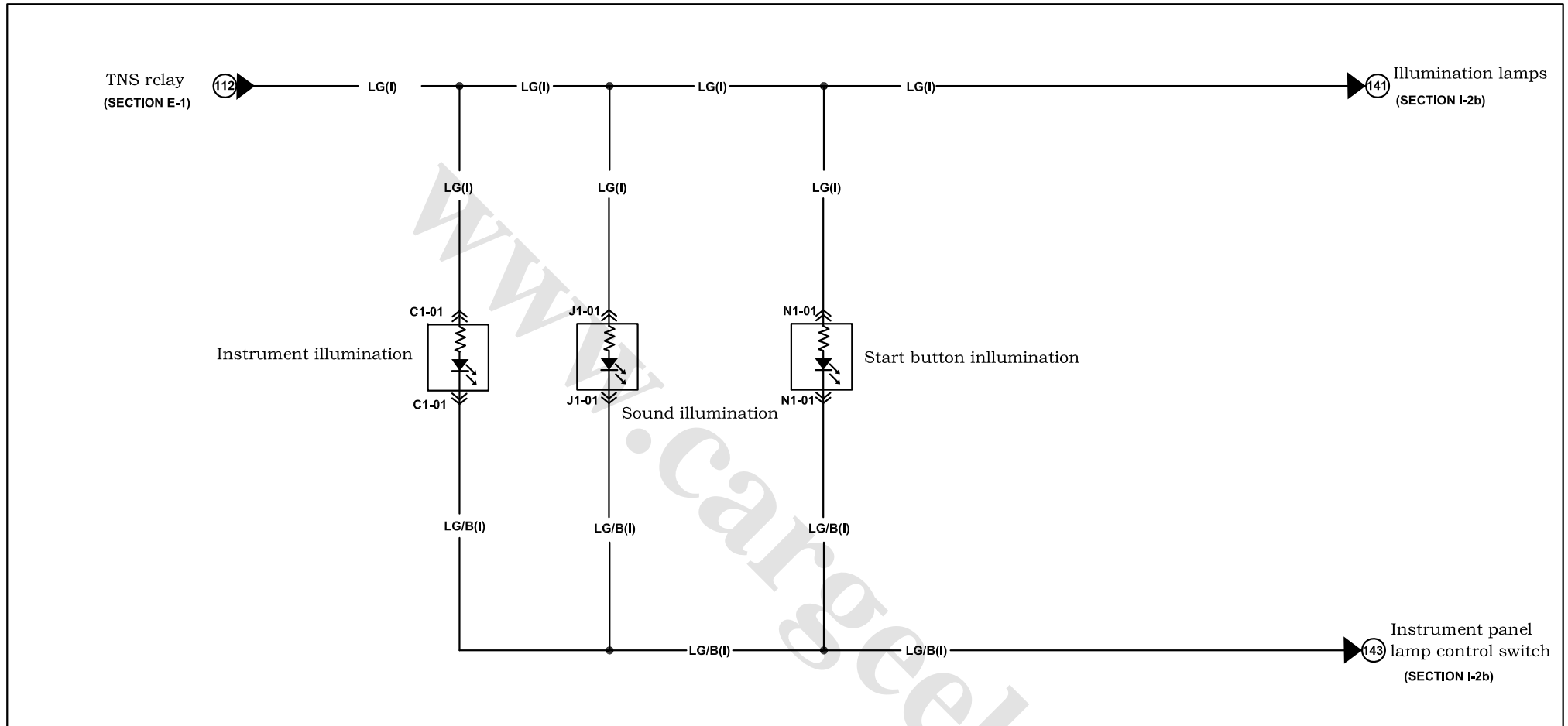
Cigarette lighter/Rear defroster system



<p>I1-01 Defrosting relay (I)</p> 	<p>I1-02 Defroster (R1#)</p> 	<p>I1-03 Defroster (R1#)</p> 	<p>I1-04 Cigarette lighter (I)</p> 		

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

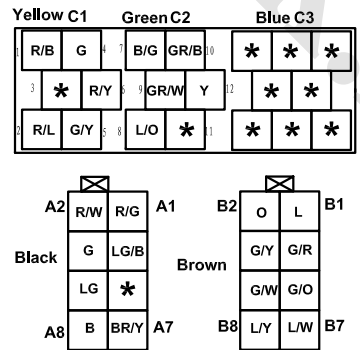




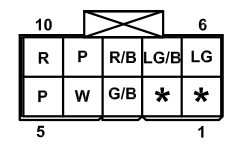
C1-01 Combined instrument (I) () with ESP

A1	B/Y	B/L	B/W	B/R	R/Y	P	Y/G	(G/O)	(V/W)	*	*	*	*	*	*	A16
	LG	LG/B	*	*	*	*	*	*	*	*	*	G/B	LG/R	G/W	G/R	Y/L
A17															A32	

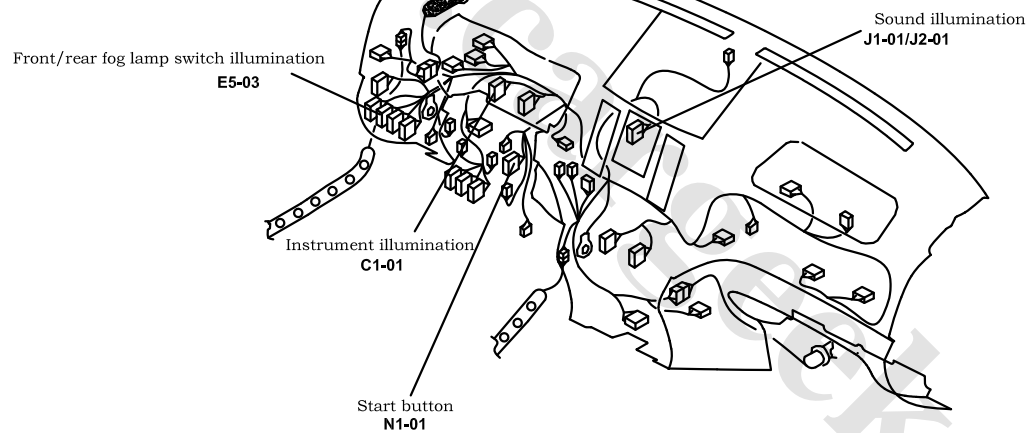
J1-01 Sound unit (I)

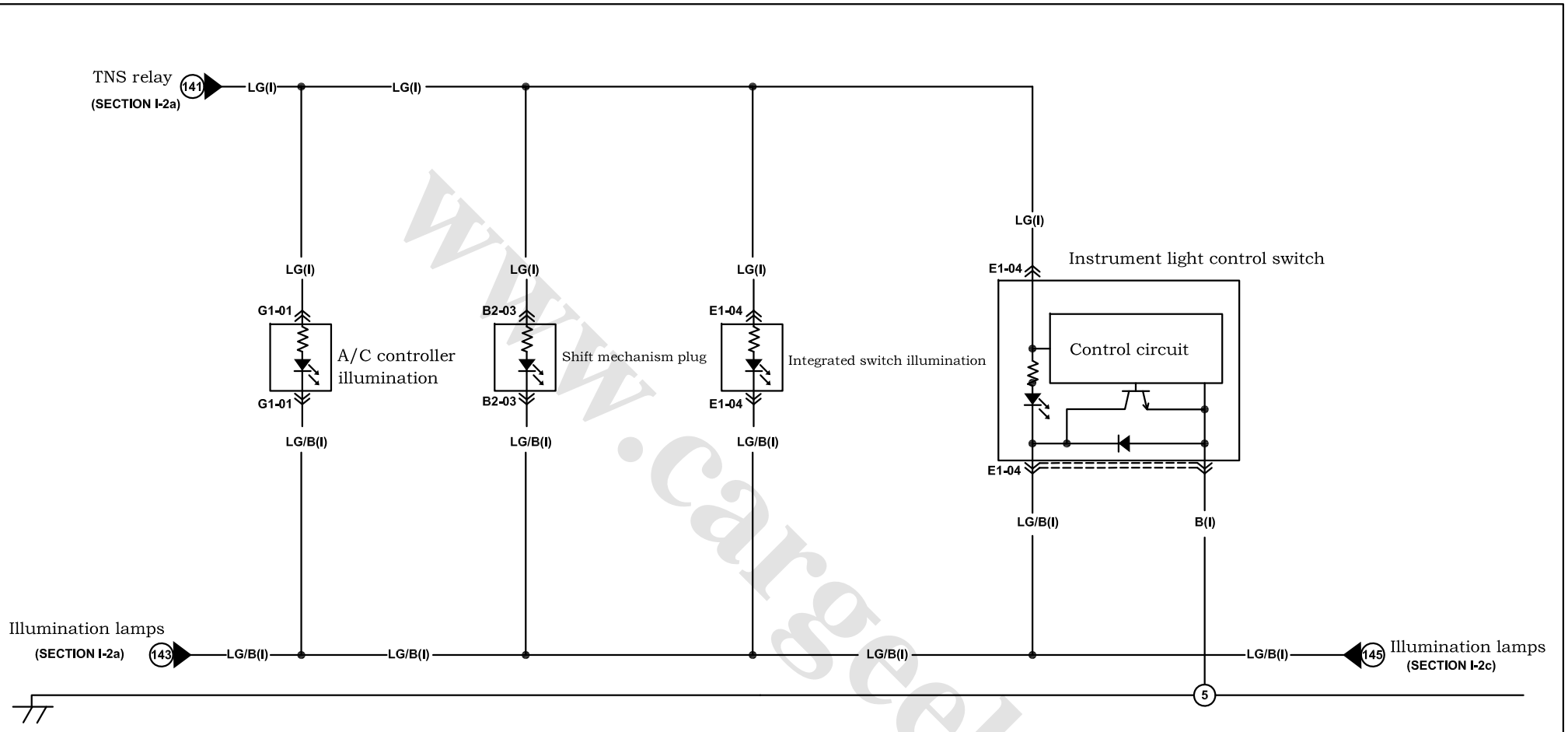


N1-01 Start button (I)



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





G1-01 A/C controller illumination (I) () with ESP

D1					⊗					D10
LG	L/R	L/W	R/G	L	O	R/B	W/R	*	GR/L	
LG/B	V	Y/B	W/L	R/L	Y	Y/G	L/Y	*	*	
D11										D20

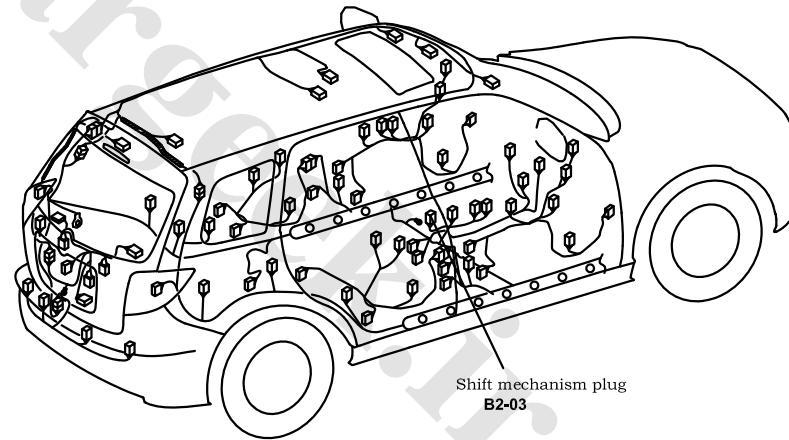
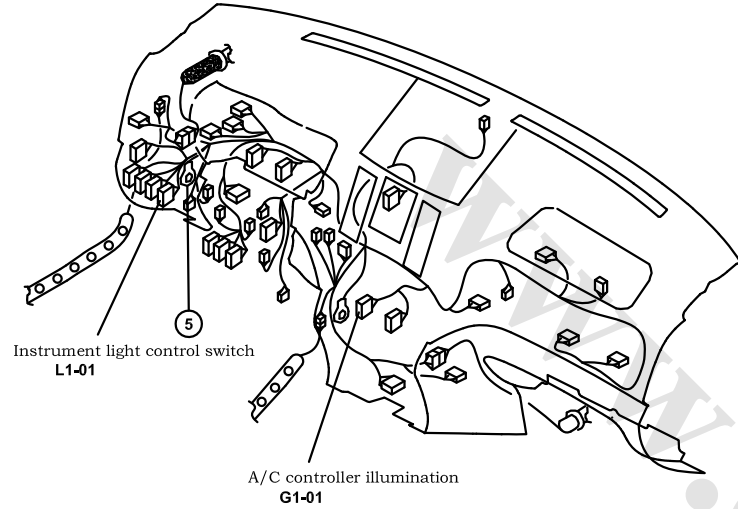
L1-01 Instrument light control switch (I)

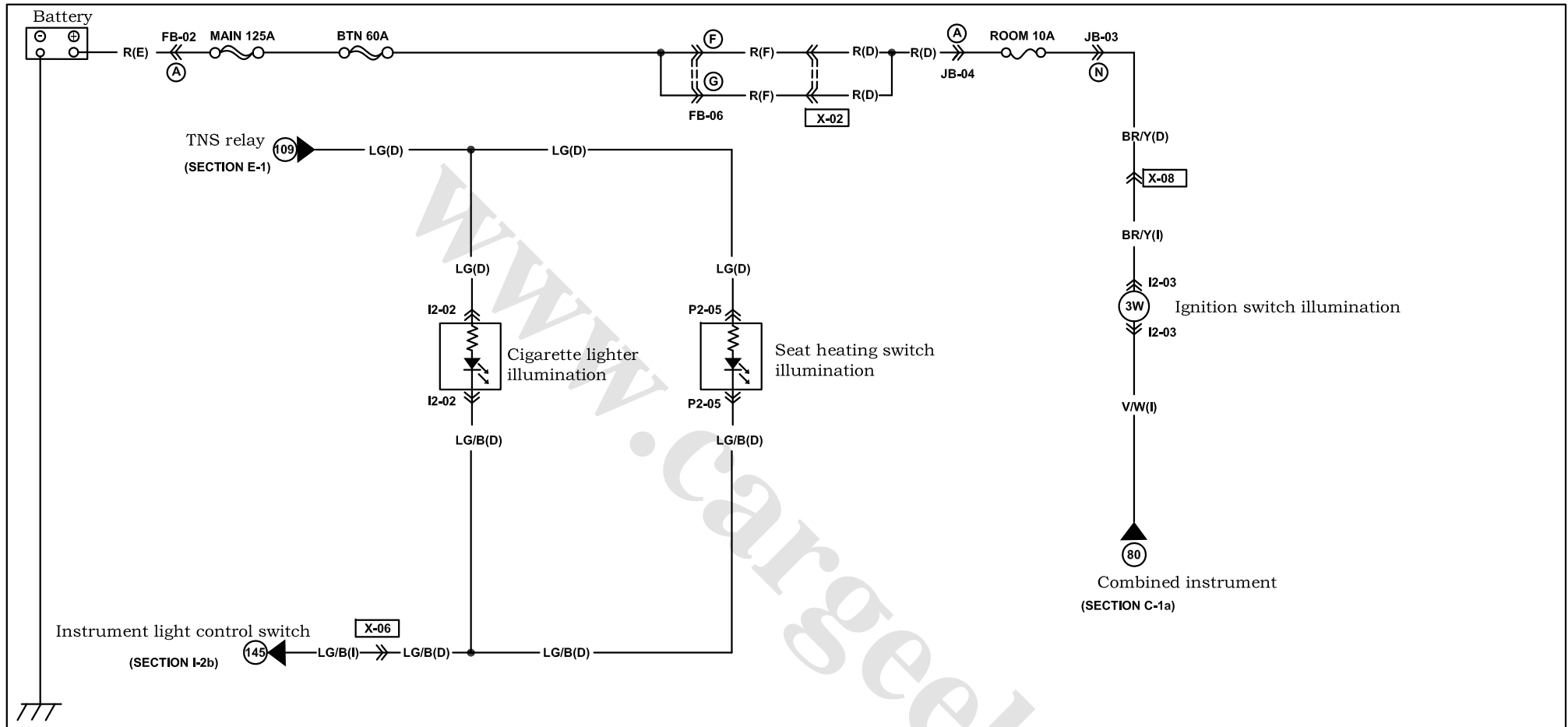
				K	I					
S	Q	O	M	L	G	E	C	A		
R/B	LG	LG/B	L/W	L	L/O	L/B	V	R/G	R/Y	
B	P	G/B	&P/L	W	*	*	*	*	B	
T	R	P	N	L	J	H	F	D	B	

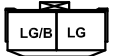

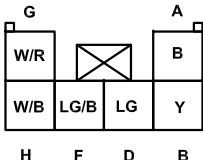
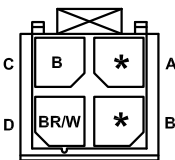
B2-03 Shift mechanism plug (I)

G	LG		Y	B/Y	A
H	LG/B	*	G/R	*	O/B

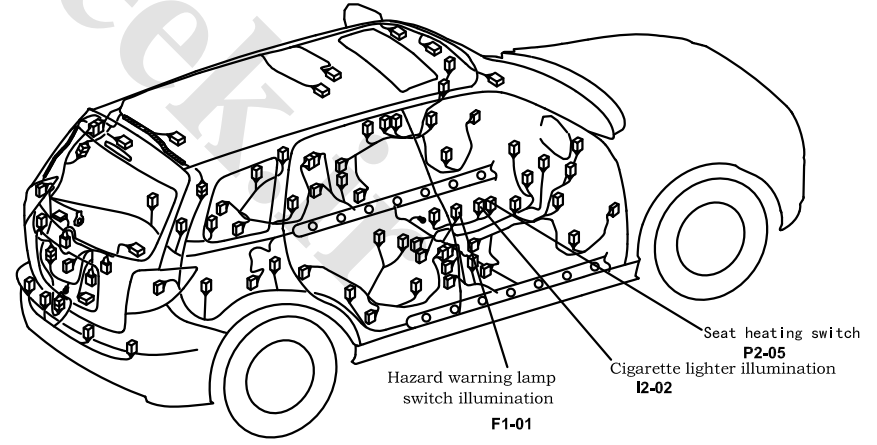
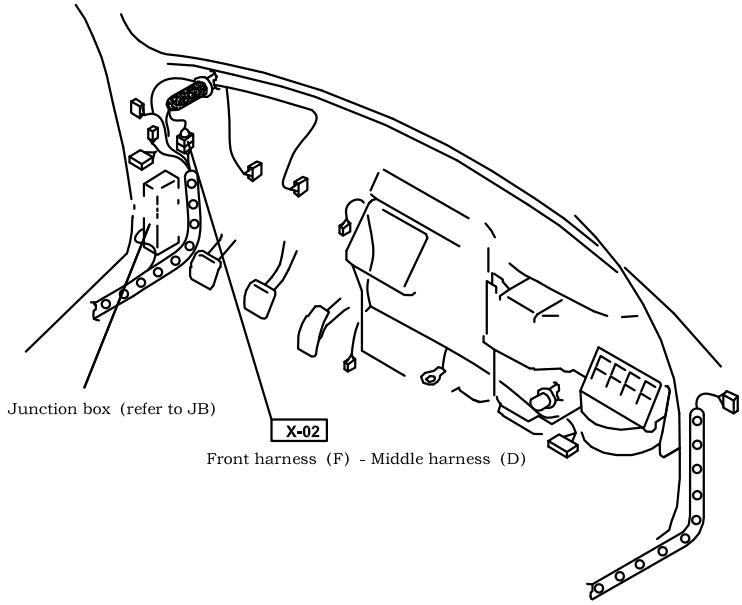
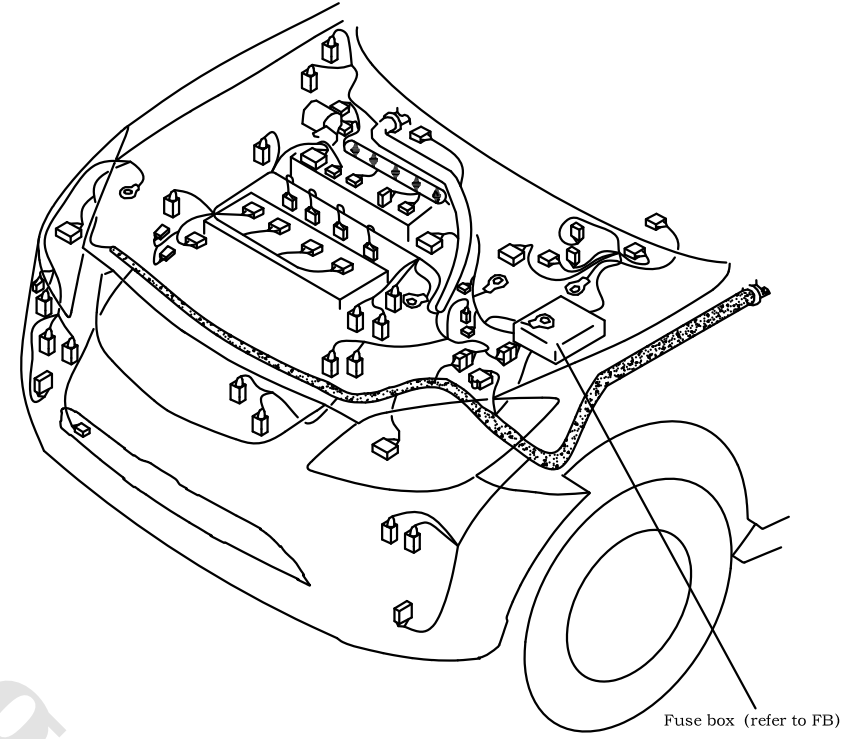
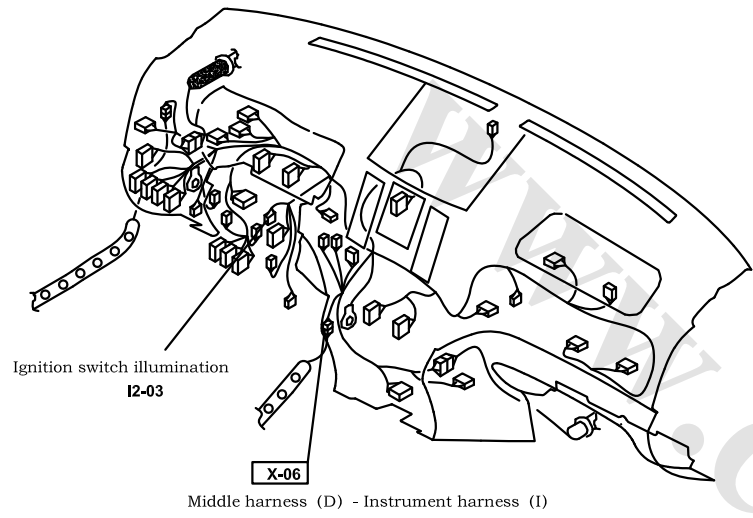
Harness mark:  (F)  (E)  (D)  (R)



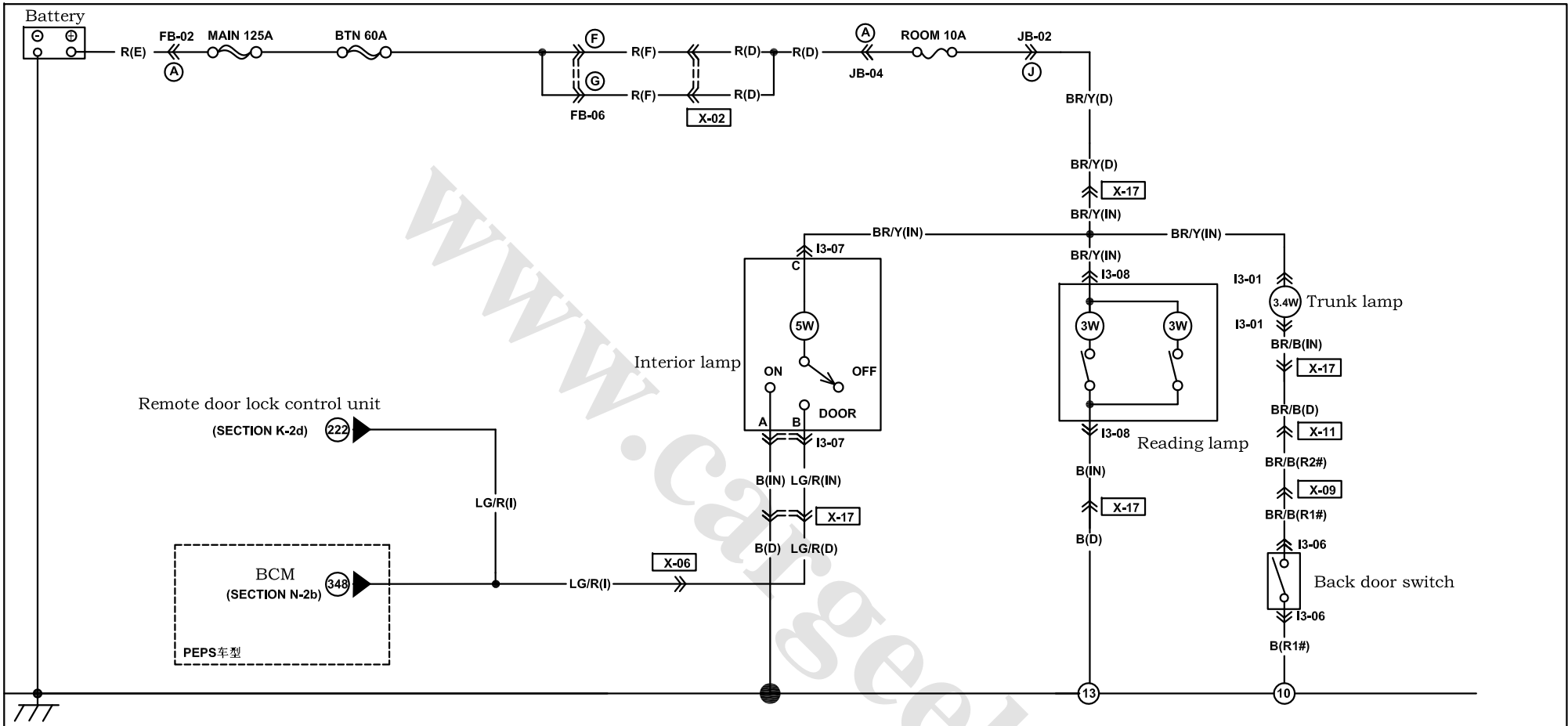


<p>I2-02 Cigarette lighter illumination(D)</p> 	<p>I2-03 Ignition switch illumination(I)</p> 	<p>P2-05 Seat heating switch (D)</p> 				
<p>F1-01 Hazard warning lamp switch illumination (I)</p> 						

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

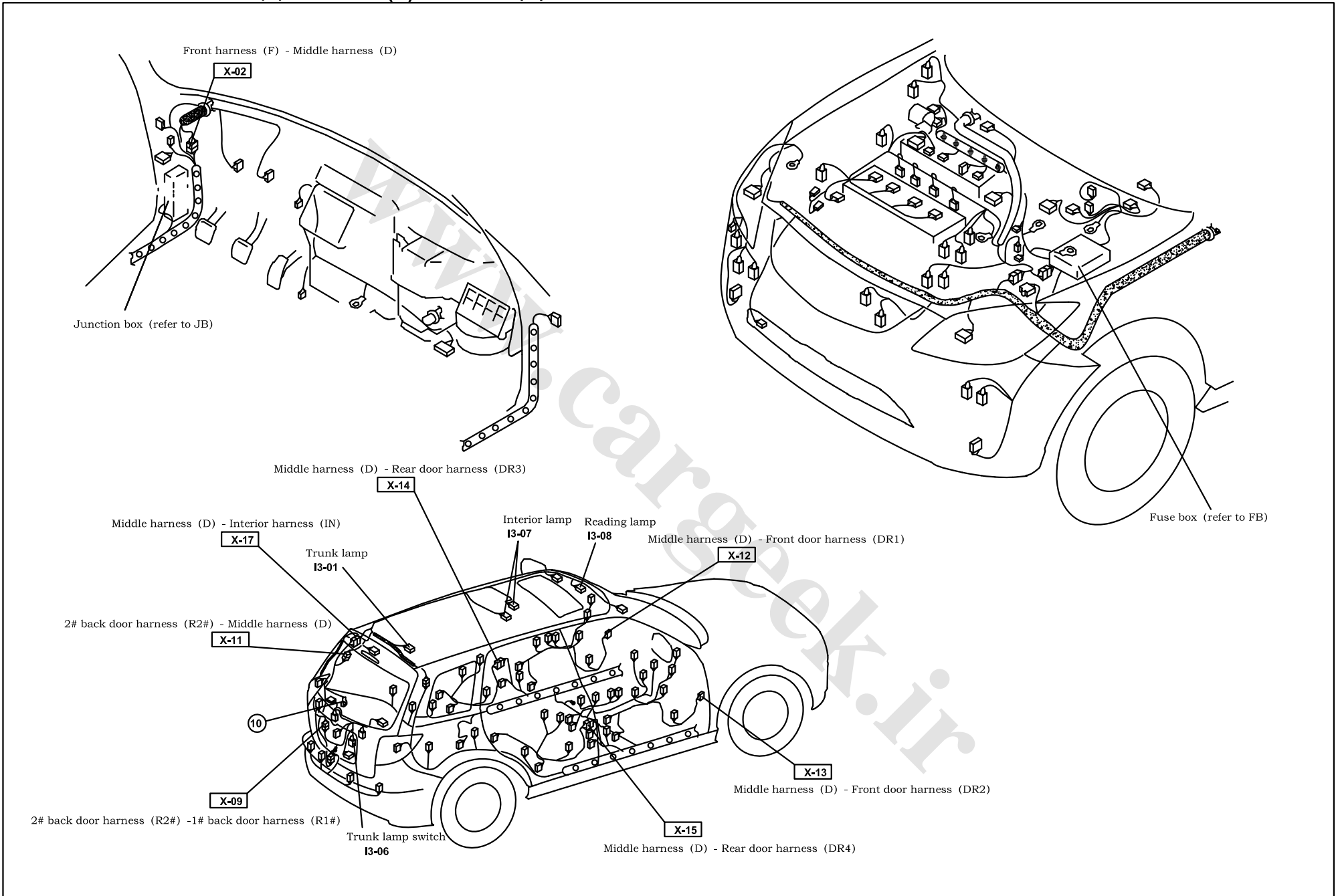


Interior lamp/reading lamp/trunk lamp



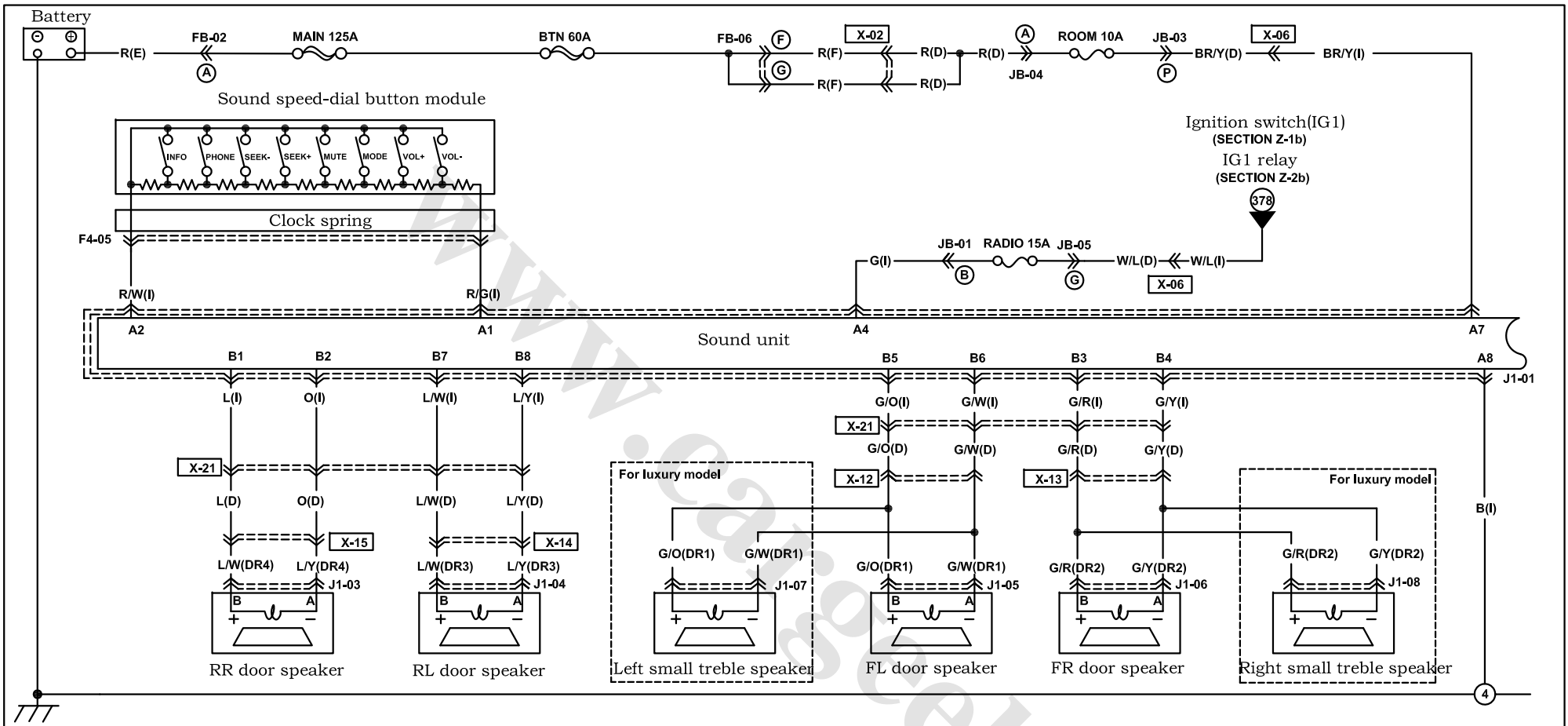
<p>I3-01 Trunk lamp (IN)</p>	<p>I3-06 Trunk lamp switch (R1#)</p>	<p>I3-07 Interior lamp (IN)</p>				
<p>I3-08 Reading lamp (IN)</p>						

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



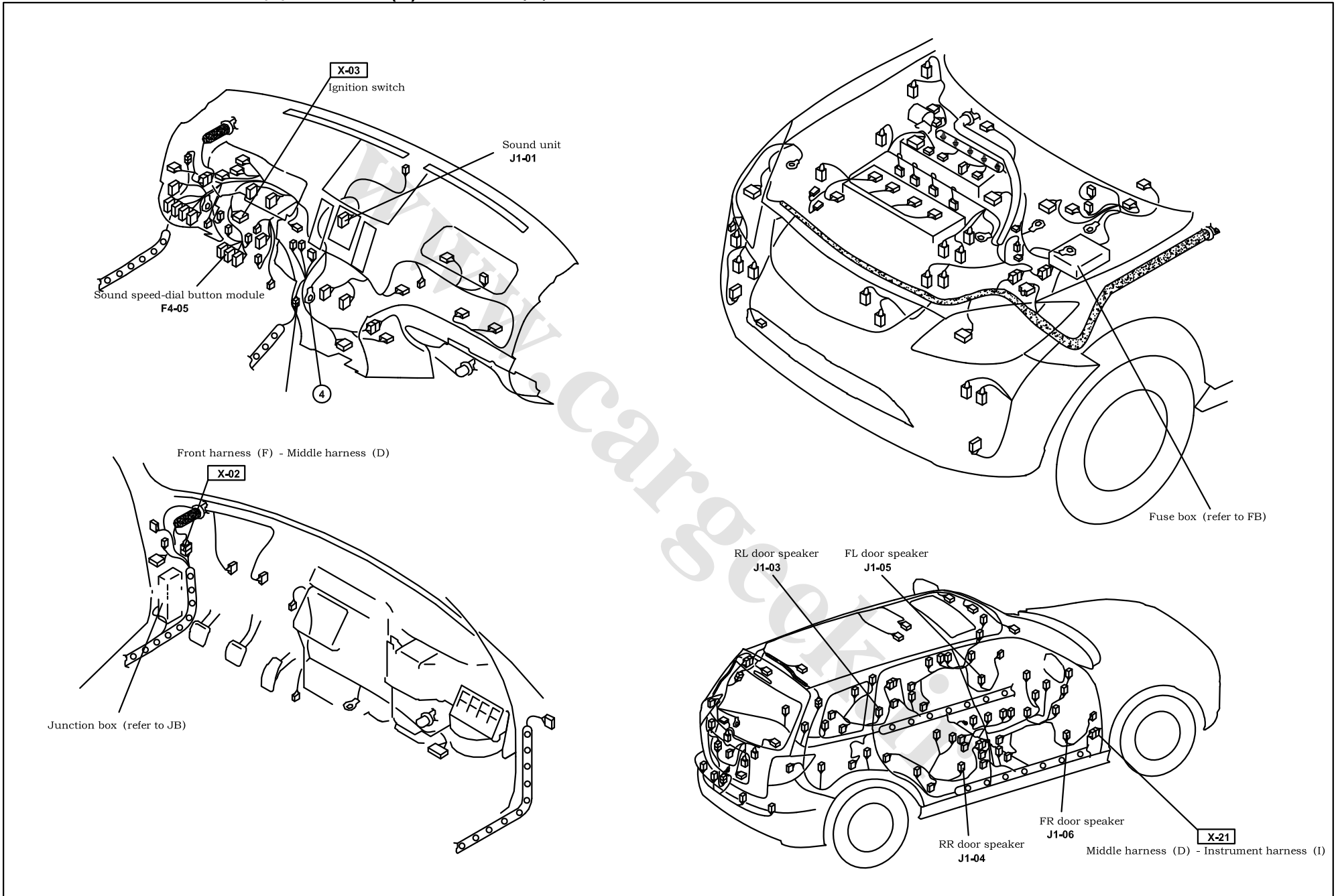
Sound system

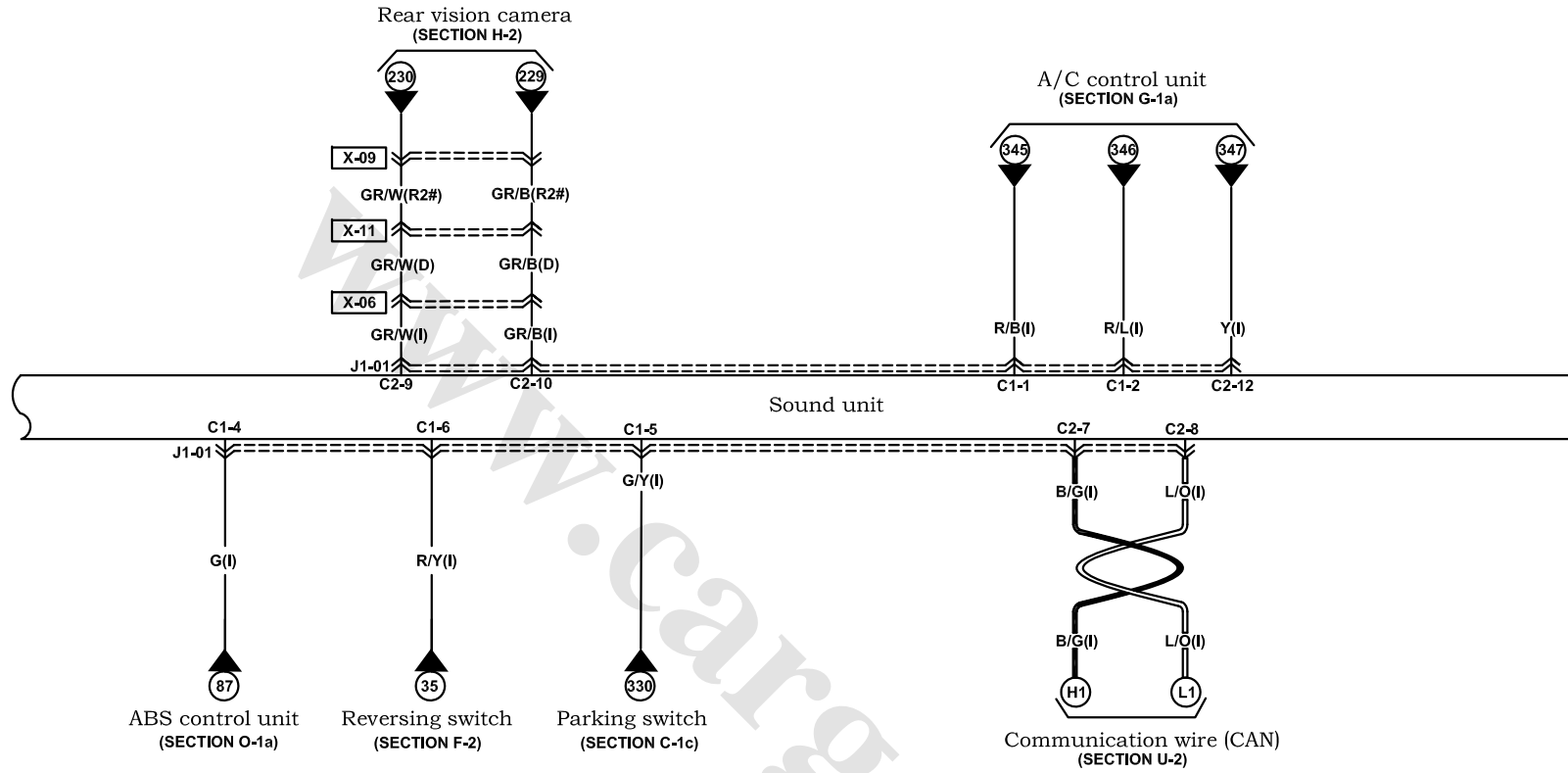
J-1a



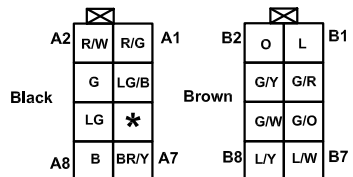
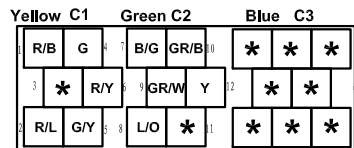
<p>J1-01 Sound unit (I)</p> <table border="1"> <thead> <tr> <th colspan="2">Yellow C1</th> <th colspan="2">Green C2</th> <th colspan="3">Blue C3</th> </tr> </thead> <tbody> <tr> <td>R/B</td> <td>G</td> <td>B/G</td> <td>GR/B</td> <td>*</td> <td>*</td> <td>*</td> </tr> <tr> <td>*</td> <td>R/Y</td> <td>GR/W</td> <td>Y</td> <td>*</td> <td>*</td> <td>*</td> </tr> <tr> <td>R/L</td> <td>G/Y</td> <td>L/O</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2">Black</th> <th colspan="2">Brown</th> </tr> </thead> <tbody> <tr> <td>A2</td> <td>R/W</td> <td>R/G</td> <td>A1</td> </tr> <tr> <td></td> <td>G</td> <td>LG/B</td> <td></td> </tr> <tr> <td></td> <td>LG</td> <td>*</td> <td></td> </tr> <tr> <td>A8</td> <td>B</td> <td>BR/Y</td> <td>A7</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2">Black</th> <th colspan="2">Brown</th> </tr> </thead> <tbody> <tr> <td>B2</td> <td>O</td> <td>L</td> <td>B1</td> </tr> <tr> <td></td> <td>G/Y</td> <td>G/R</td> <td></td> </tr> <tr> <td></td> <td>G/W</td> <td>G/O</td> <td></td> </tr> <tr> <td>B8</td> <td>LY</td> <td>L/W</td> <td>B7</td> </tr> </tbody> </table>	Yellow C1		Green C2		Blue C3			R/B	G	B/G	GR/B	*	*	*	*	R/Y	GR/W	Y	*	*	*	R/L	G/Y	L/O	*	*	*	*	Black		Brown		A2	R/W	R/G	A1		G	LG/B			LG	*		A8	B	BR/Y	A7	Black		Brown		B2	O	L	B1		G/Y	G/R			G/W	G/O		B8	LY	L/W	B7	<p>J1-03 RL door speaker(DR3)</p>	<p>J1-04 RR door speaker(DR4)</p>	<p>J1-05 FL door speaker(DR1)</p>	<p>J1-06 FR door speaker (DR2)</p>	
Yellow C1		Green C2		Blue C3																																																																					
R/B	G	B/G	GR/B	*	*	*																																																																			
*	R/Y	GR/W	Y	*	*	*																																																																			
R/L	G/Y	L/O	*	*	*	*																																																																			
Black		Brown																																																																							
A2	R/W	R/G	A1																																																																						
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<p>F4-05 Sound speed-dial button module (I) [] with cruise</p>																																																																									

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

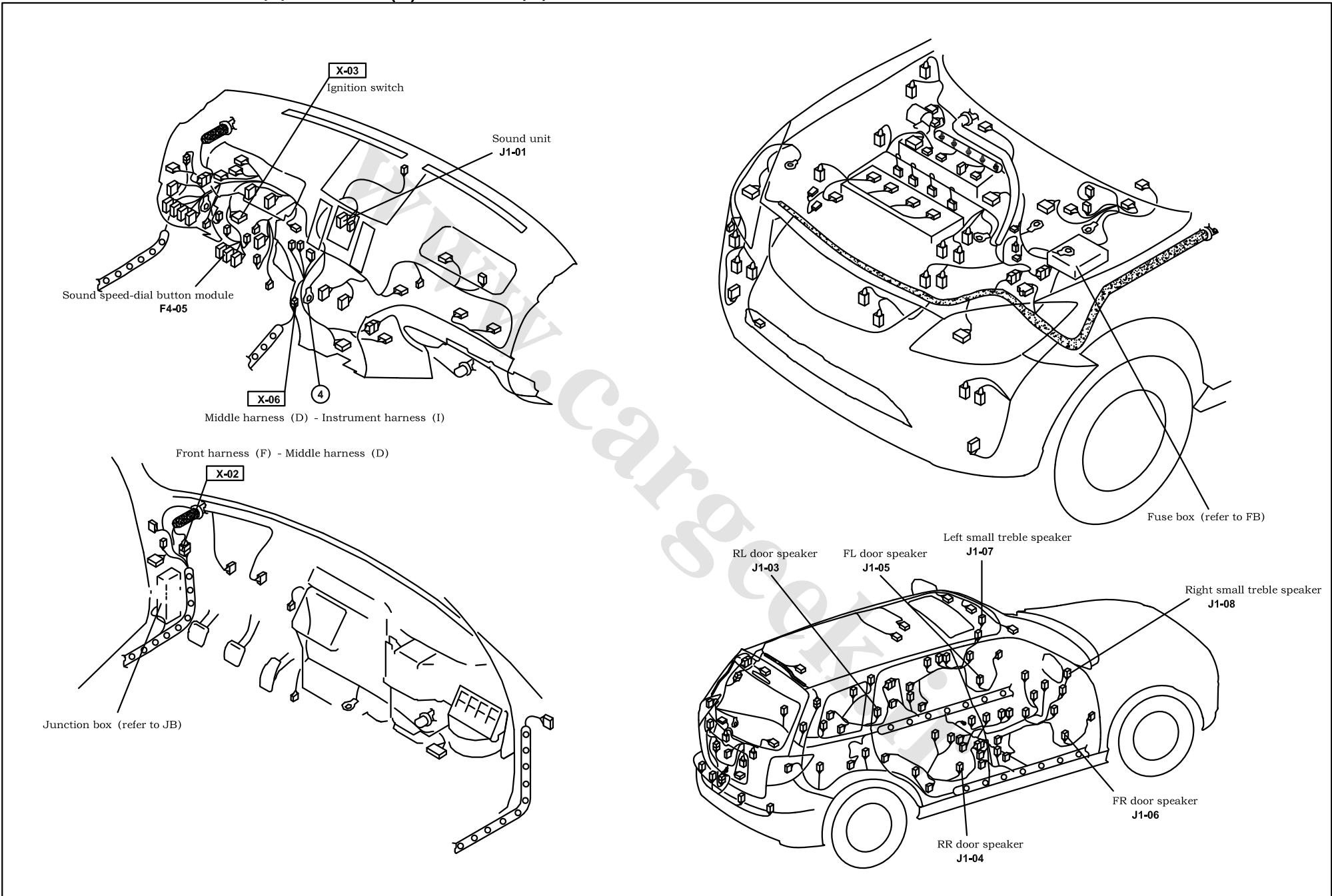




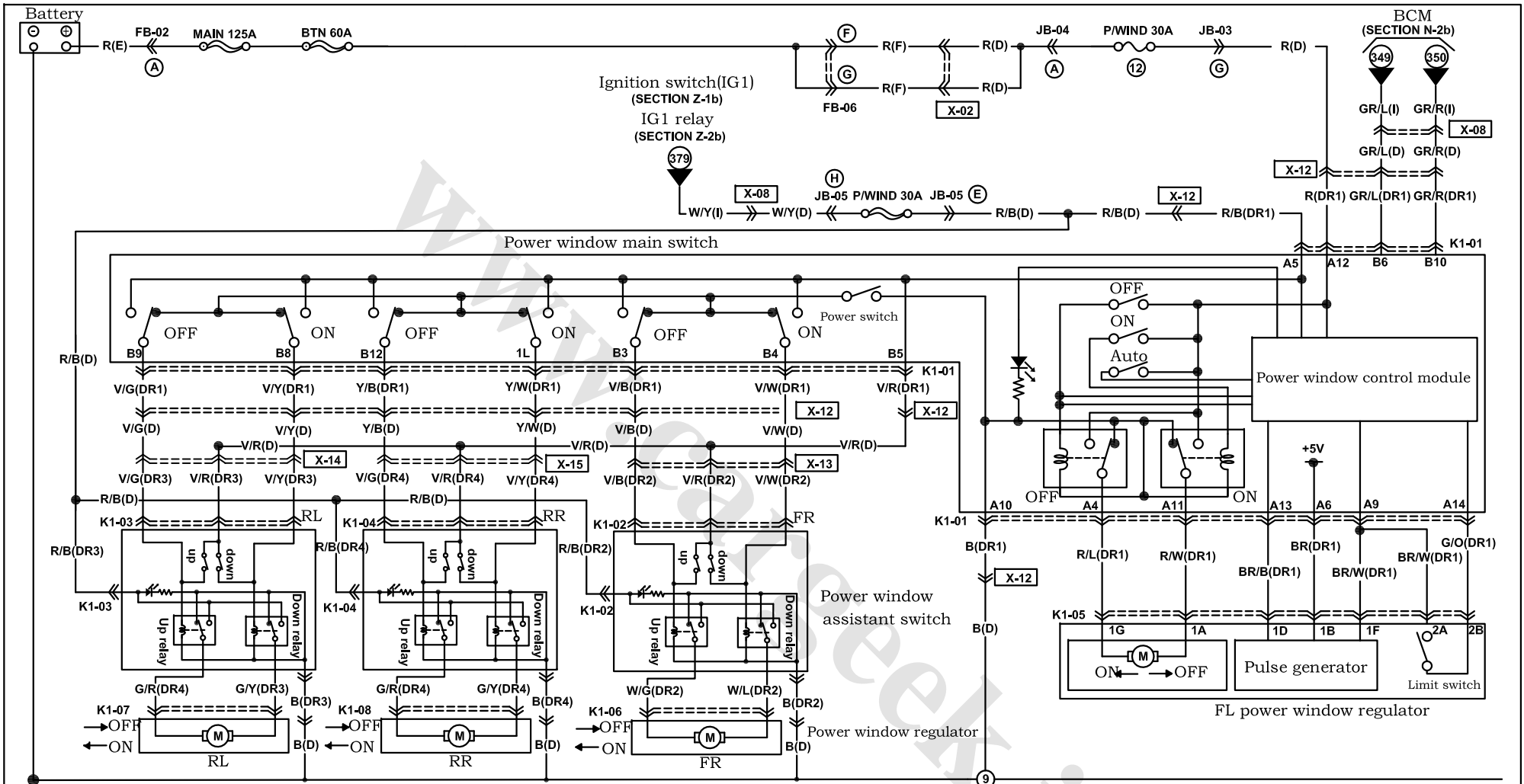
J1-01 Sound unit (I)



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

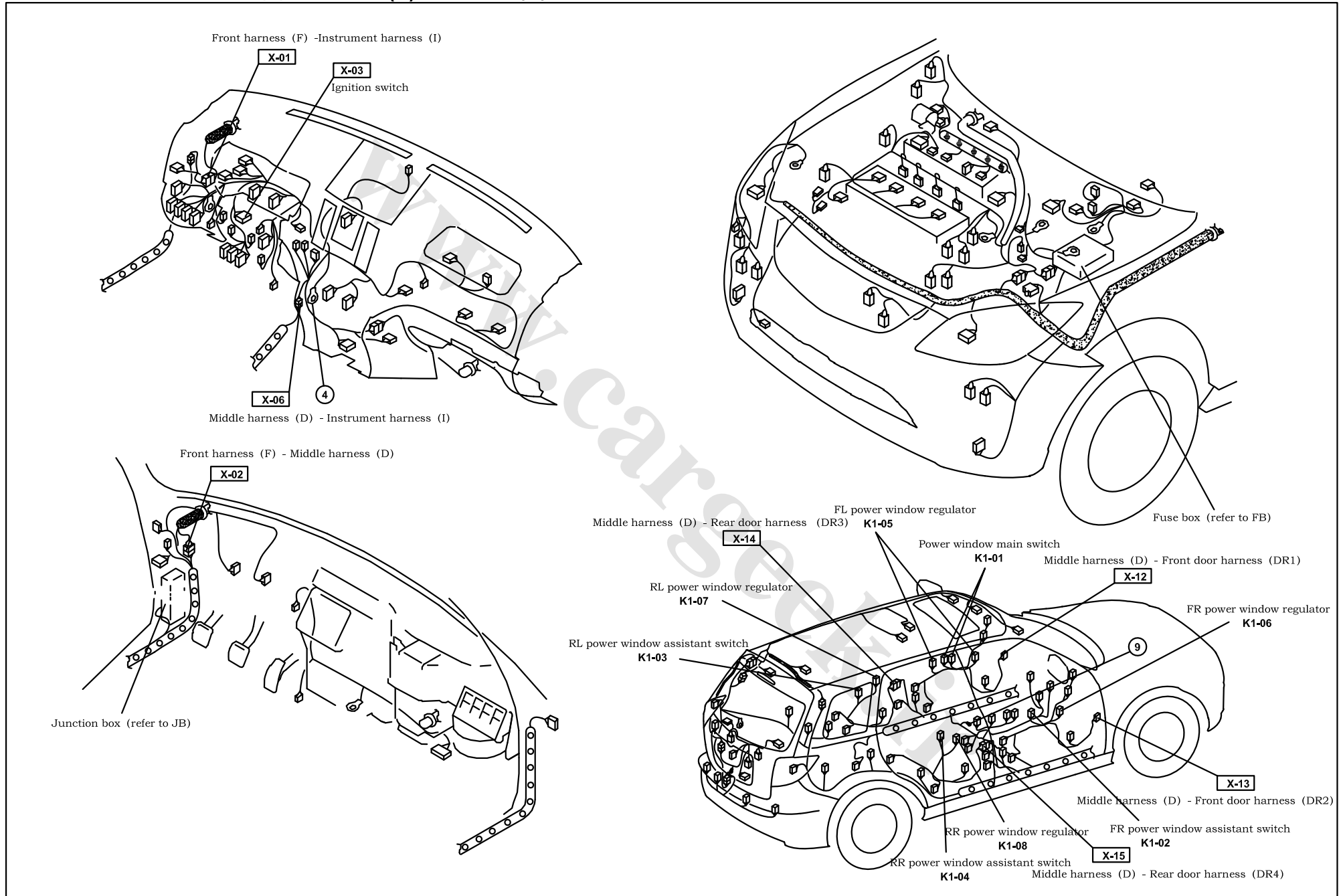


Power window system

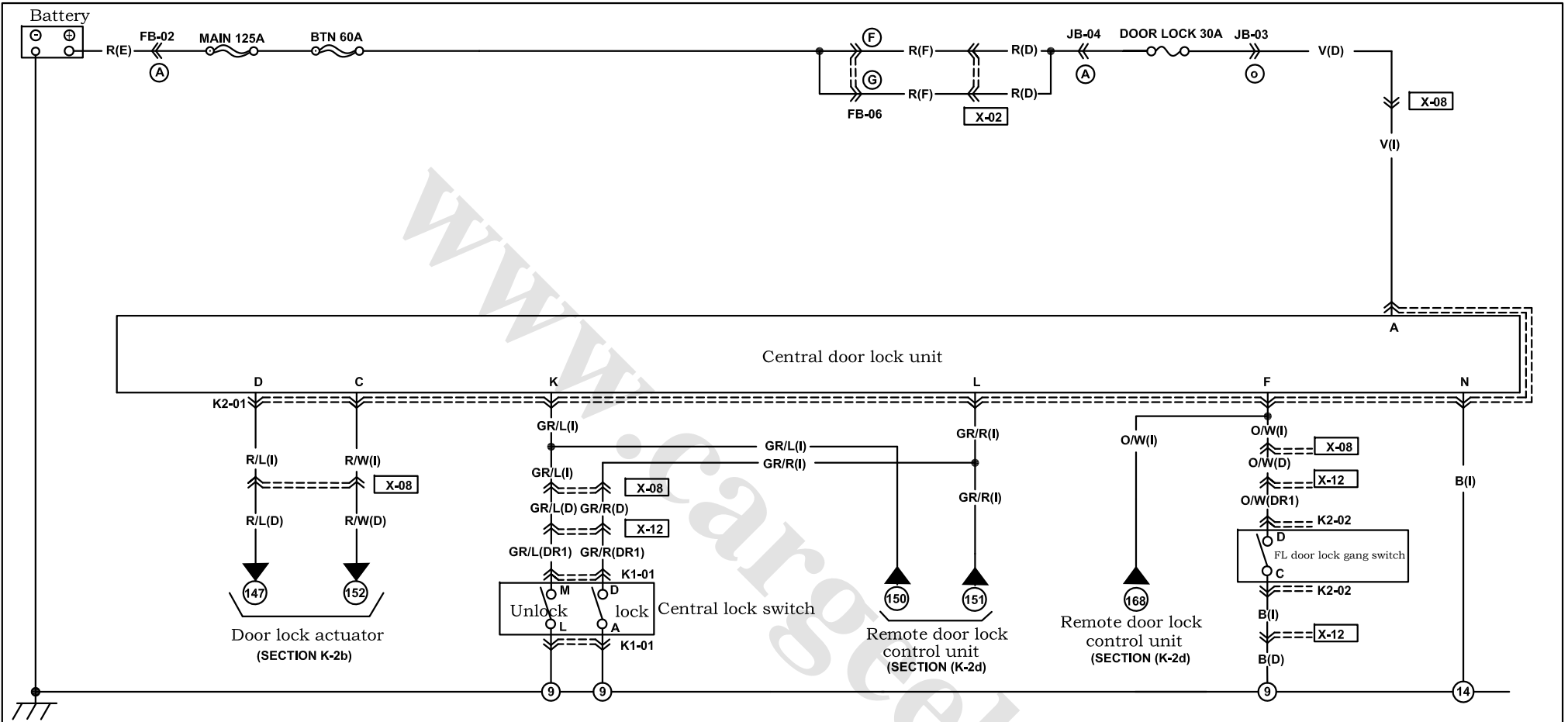


<p>K1-01 Power window main switch</p> <table border="1"> <tr> <td>A1</td><td>A2</td><td>A3</td><td>A4</td><td>A5</td><td>A6</td><td>A7</td> </tr> <tr> <td>*</td><td>*</td><td>*</td><td>R/L</td><td>R/B</td><td>BR</td><td>*</td> </tr> <tr> <td>*</td><td>BR/W</td><td>B</td><td>R/W</td><td>R</td><td>BR/B</td><td>G/O</td> </tr> <tr> <td>A8</td><td>A9</td><td>A10</td><td>A11</td><td>A12</td><td>A13</td><td>A14</td> </tr> </table>	A1	A2	A3	A4	A5	A6	A7	*	*	*	R/L	R/B	BR	*	*	BR/W	B	R/W	R	BR/B	G/O	A8	A9	A10	A11	A12	A13	A14	<p>K1-02 FR power window assistant switch (DR2)</p> <table border="1"> <tr> <td>B1</td><td>B2</td><td>B3</td><td>B4</td><td>B5</td><td>B6</td> </tr> <tr> <td>*</td><td>*</td><td>V/B</td><td>V/W</td><td>V/R</td><td>GR/L</td> </tr> <tr> <td>*</td><td>V/Y</td><td>V/G</td><td>GR/R</td><td>Y/W</td><td>Y/B</td> </tr> <tr> <td>B7</td><td>B8</td><td>B9</td><td>B10</td><td>B11</td><td>B12</td> </tr> </table>	B1	B2	B3	B4	B5	B6	*	*	V/B	V/W	V/R	GR/L	*	V/Y	V/G	GR/R	Y/W	Y/B	B7	B8	B9	B10	B11	B12	<p>K1-03 RL power window assistant switch (DR3)</p> <table border="1"> <tr> <td>C1</td><td>C2</td><td>C3</td><td>C4</td><td>C5</td><td>C6</td> </tr> <tr> <td>V/W</td><td>*</td><td>W/G</td><td>V/R</td><td>B</td><td>*</td> </tr> <tr> <td>V/B</td><td>R/B</td><td>W/L</td><td>*</td><td>*</td><td>*</td> </tr> <tr> <td>C7</td><td>C8</td><td>C9</td><td>C10</td><td>C11</td><td>C12</td> </tr> </table>	C1	C2	C3	C4	C5	C6	V/W	*	W/G	V/R	B	*	V/B	R/B	W/L	*	*	*	C7	C8	C9	C10	C11	C12	<p>K1-05 FL power window regulator (DR1)</p> <table border="1"> <tr> <td>1A</td><td>1B</td><td>1C</td><td>1D</td><td>1E</td><td>1F</td> </tr> <tr> <td>R/W</td><td>*</td><td>R/L</td><td></td><td></td><td></td> </tr> <tr> <td>BR</td><td>BR/BBR/W</td><td>*</td><td></td><td></td><td></td> </tr> <tr> <td>1A</td><td>1B</td><td>1C</td><td>1D</td><td>1E</td><td>1F</td> </tr> </table>	1A	1B	1C	1D	1E	1F	R/W	*	R/L				BR	BR/BBR/W	*				1A	1B	1C	1D	1E	1F
A1	A2	A3	A4	A5	A6	A7																																																																																																	
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*	BR/W	B	R/W	R	BR/B	G/O																																																																																																	
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*	*	V/B	V/W	V/R	GR/L																																																																																																		
*	V/Y	V/G	GR/R	Y/W	Y/B																																																																																																		
B7	B8	B9	B10	B11	B12																																																																																																		
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V/B	R/B	W/L	*	*	*																																																																																																		
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BR	BR/BBR/W	*																																																																																																					
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<p>K1-06 FR power window regulator (DR2)</p> <table border="1"> <tr> <td>W/G</td> </tr> <tr> <td>W/L</td> </tr> </table>	W/G	W/L	<p>K1-07 RL power window regulator (DR3)</p> <table border="1"> <tr> <td>G/Y</td> </tr> <tr> <td>G/R</td> </tr> </table>	G/Y	G/R	<p>K1-08 RR power window regulator (DR4)</p> <table border="1"> <tr> <td>G/Y</td> </tr> <tr> <td>G/R</td> </tr> </table>	G/Y	G/R	<p>K1-04 RR power window assistant switch (DR4)</p> <table border="1"> <tr> <td>C1</td><td>C2</td><td>C3</td><td>C4</td><td>C5</td><td>C6</td> </tr> <tr> <td>V/Y</td><td>*</td><td>G/R</td><td>V/R</td><td>B</td><td>*</td> </tr> <tr> <td>V/G</td><td>R/B</td><td>G/Y</td><td>*</td><td>*</td><td>*</td> </tr> <tr> <td>C7</td><td>C8</td><td>C9</td><td>C10</td><td>C11</td><td>C12</td> </tr> </table>	C1	C2	C3	C4	C5	C6	V/Y	*	G/R	V/R	B	*	V/G	R/B	G/Y	*	*	*	C7	C8	C9	C10	C11	C12	<p>K1-05 FL power window regulator (DR1)</p> <table border="1"> <tr> <td>G/O</td><td>BR/W</td> </tr> </table>	G/O	BR/W																																																																			
W/G																																																																																																							
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V/G	R/B	G/Y	*	*	*																																																																																																		
C7	C8	C9	C10	C11	C12																																																																																																		
G/O	BR/W																																																																																																						

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



Remote and central door lock system



<p>K2-01 Central door lock unit (D)</p>	<p>K1-01 Power window main switch (DR1)</p>	<p>K2-02 FL door lock actuator (DR1)</p>

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

Middle harness (D) - Instrument harness (I)

X-08

Central door lock unit
K2-01

4

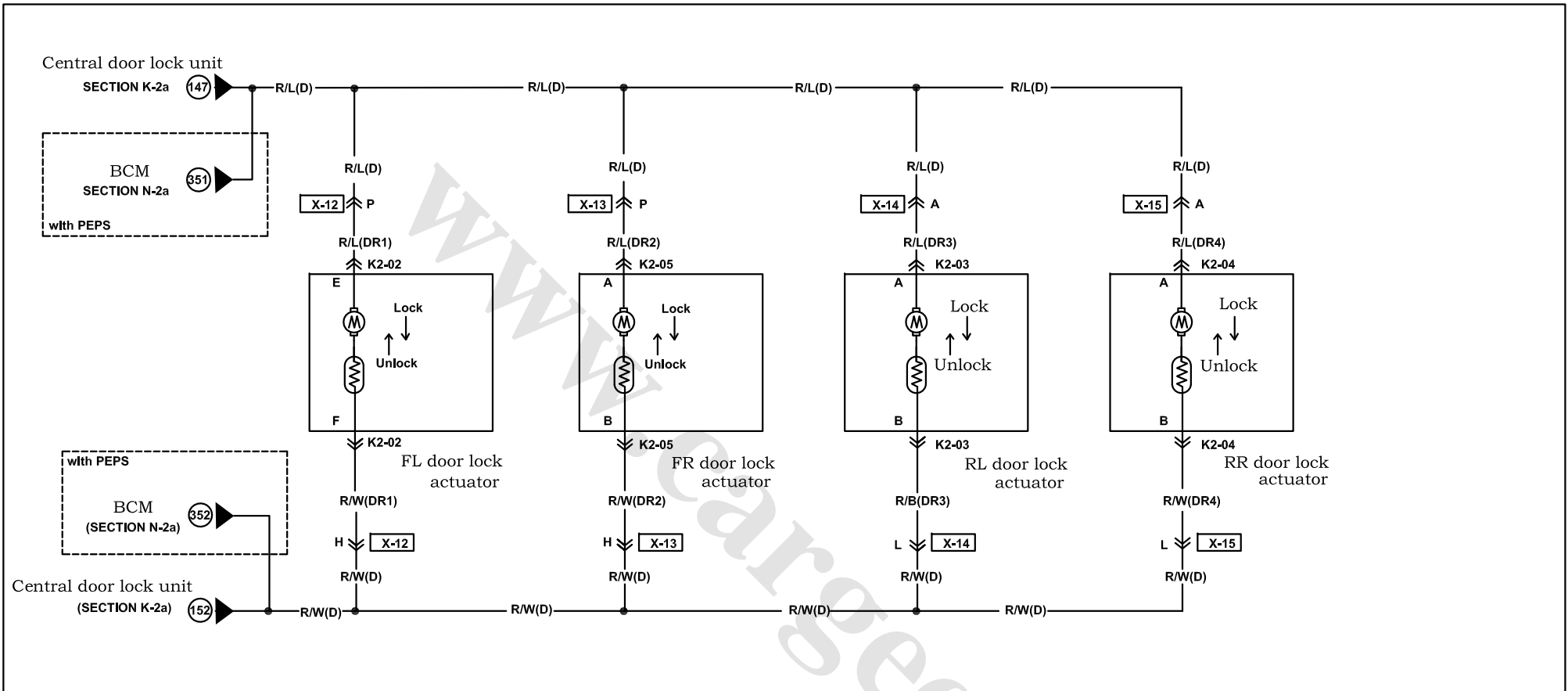
Fuse box (refer to FB)

Junction box (refer to JB)

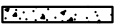
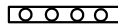
Central locking switch
F1-01

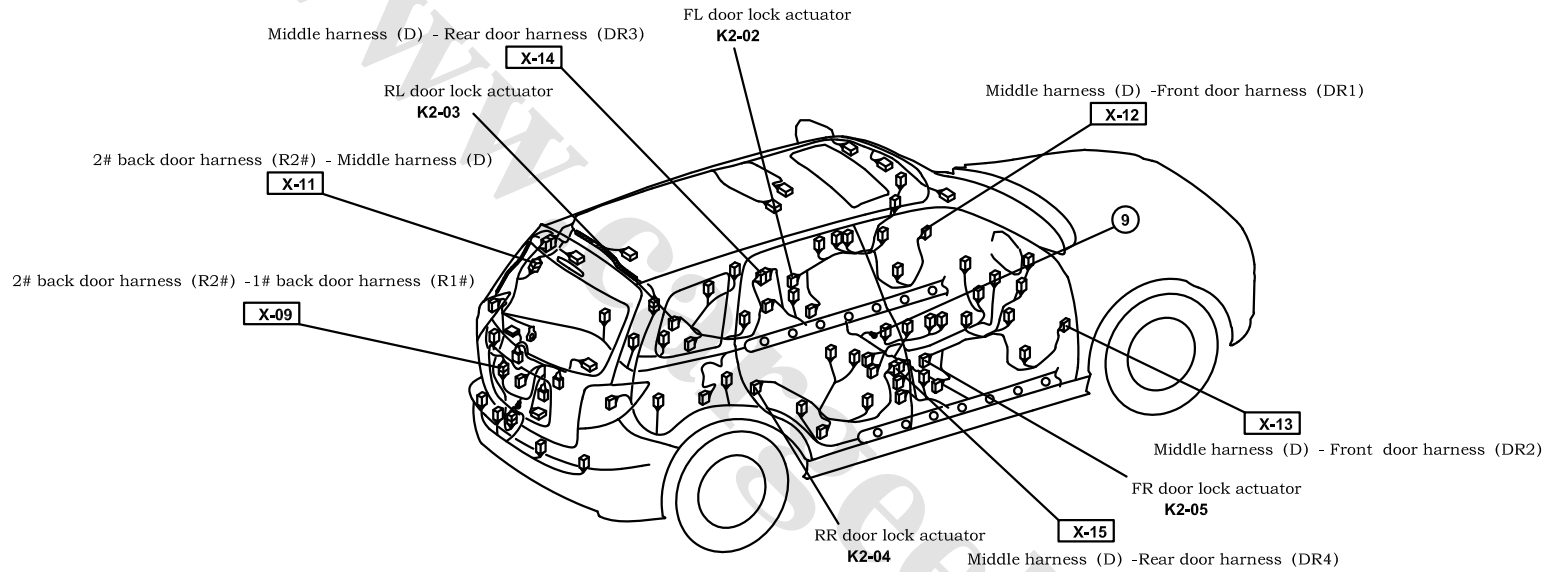
9

Remote and central door lock system

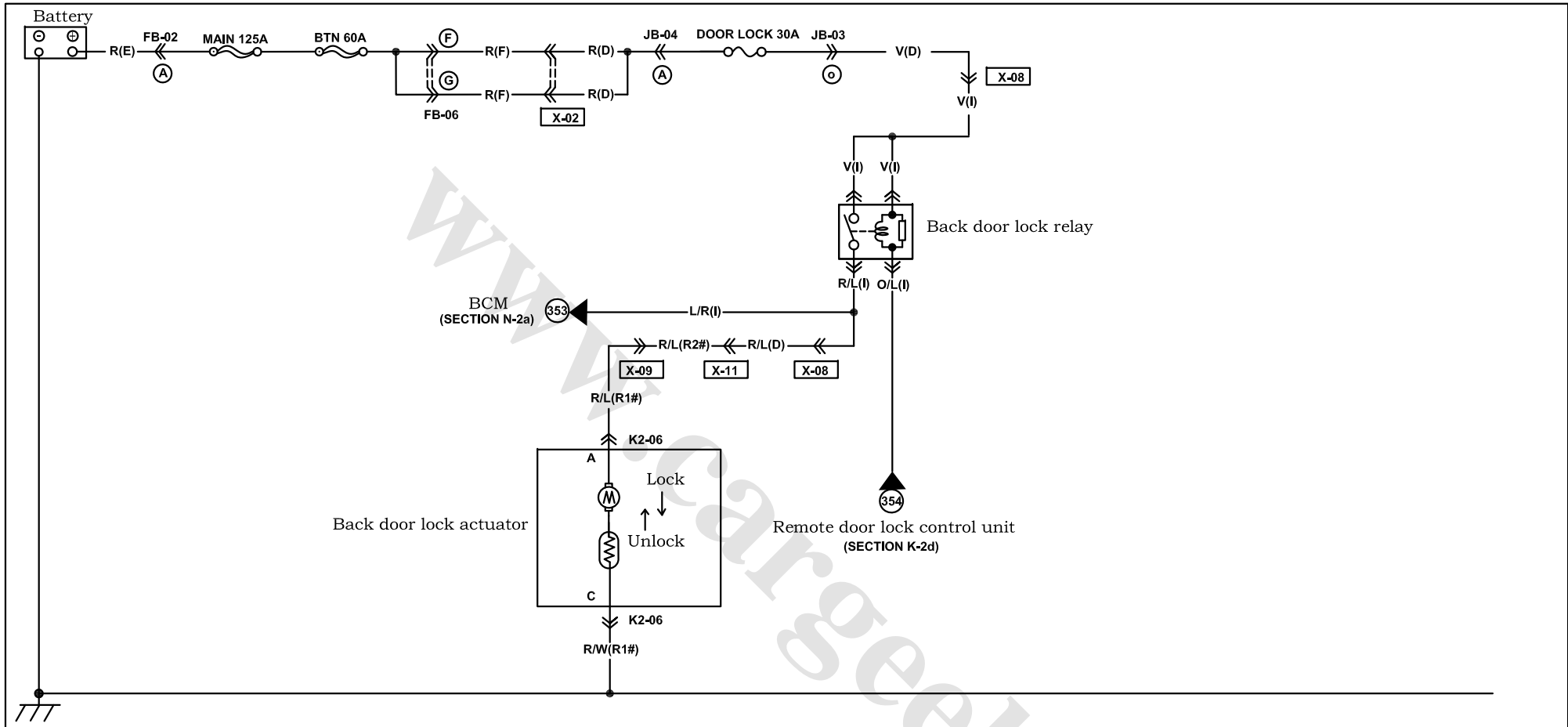


<p>K2-02 FL door lock actuator (DR1)</p>	<p>K2-04 RR door lock actuator (DR4)</p>			
<p>K2-03 RL door lock actuator (DR3)</p>	<p>K2-05 FR door lock actuator (DR2) \$ with PEPs</p>			

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







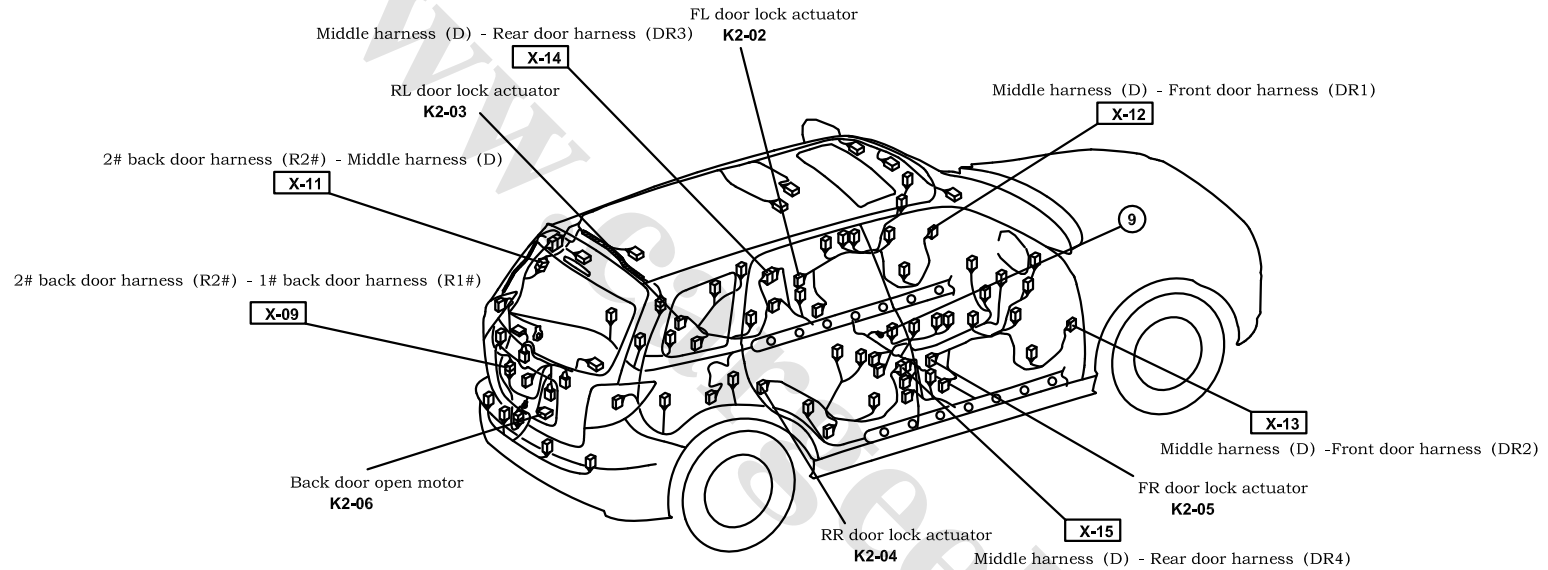
Remote and central door lock system



K2-06 Back door open motor (R1 #)

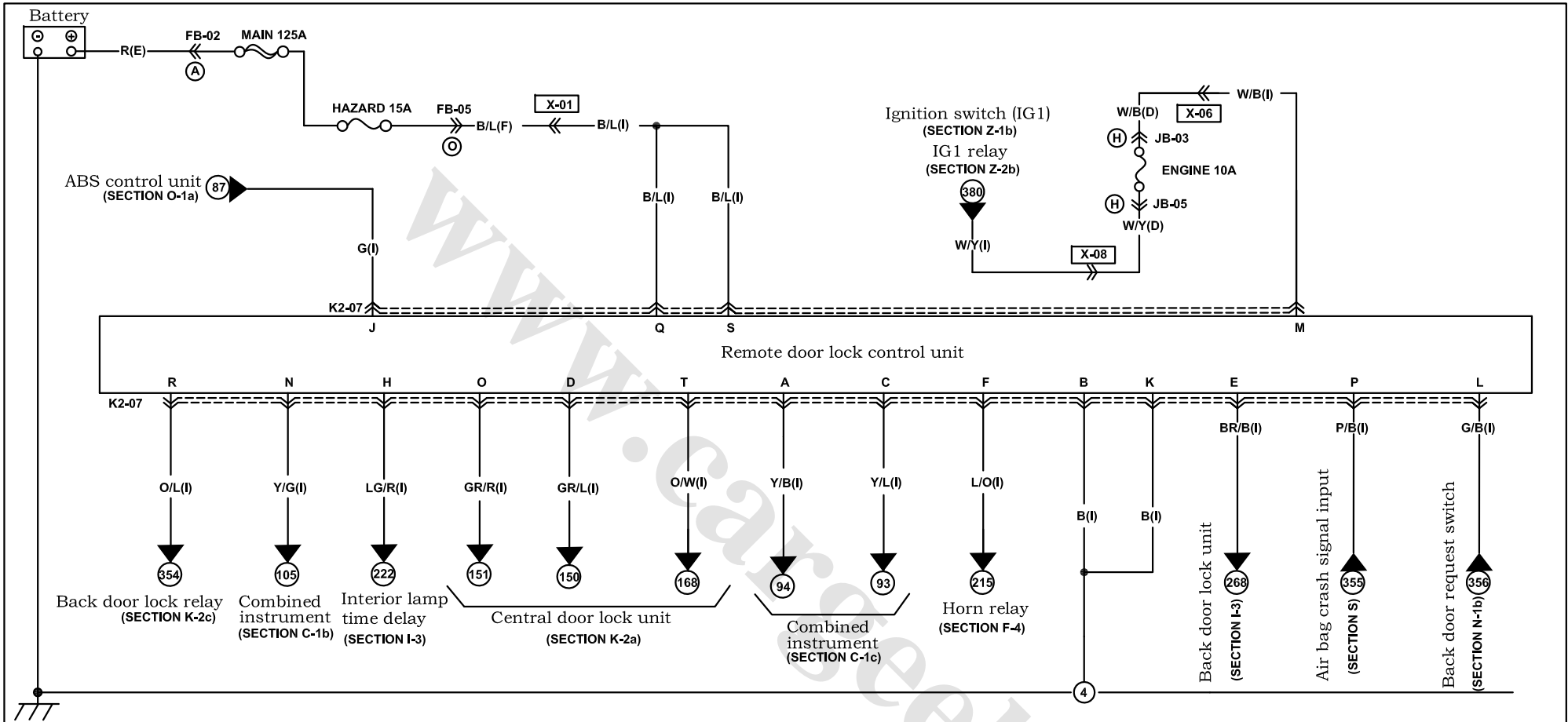
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*	*	L/R	*	B

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



Remote and central door lock system

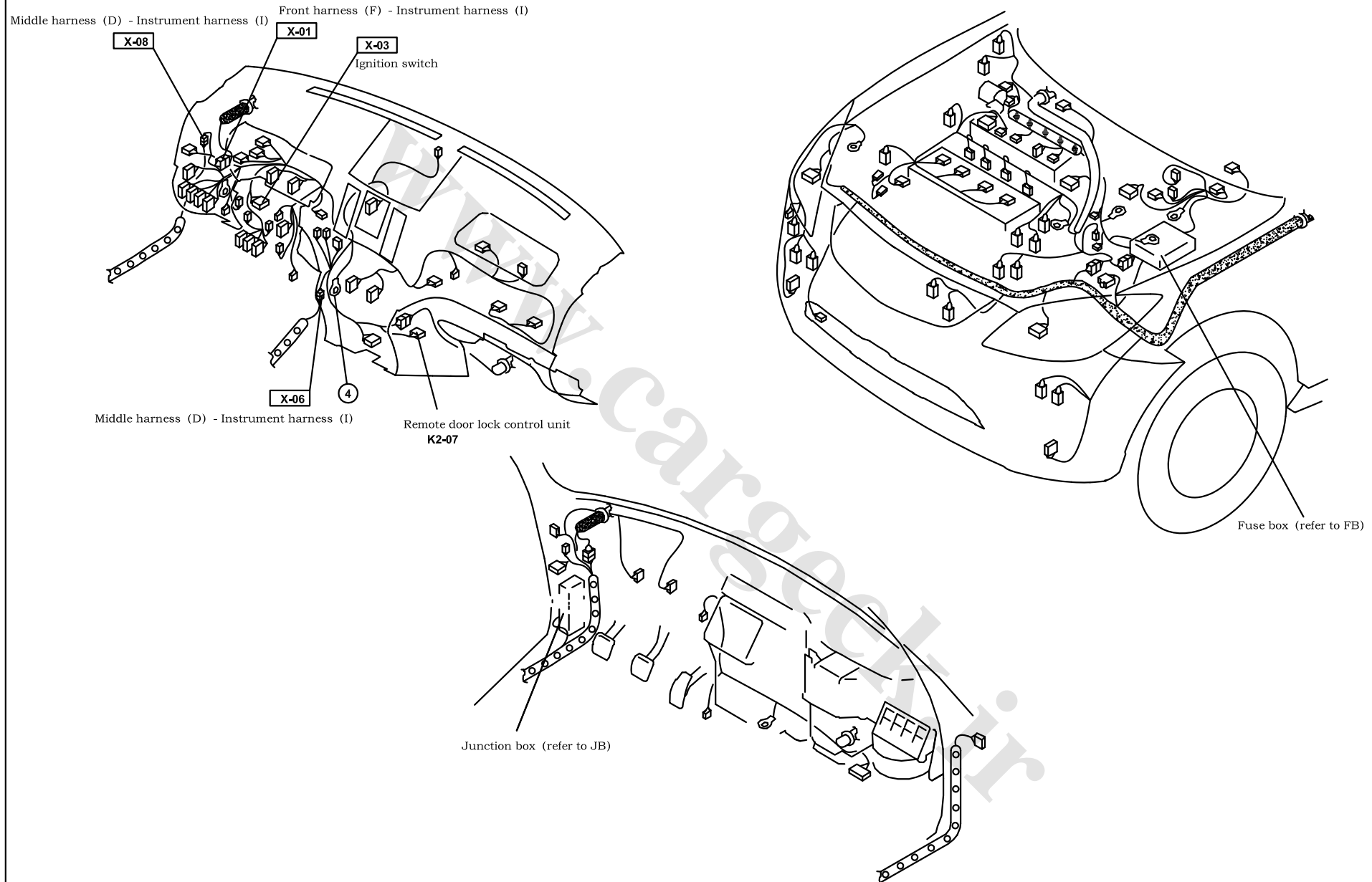
K-2d



K2-07 Remote door lock control unit (I)

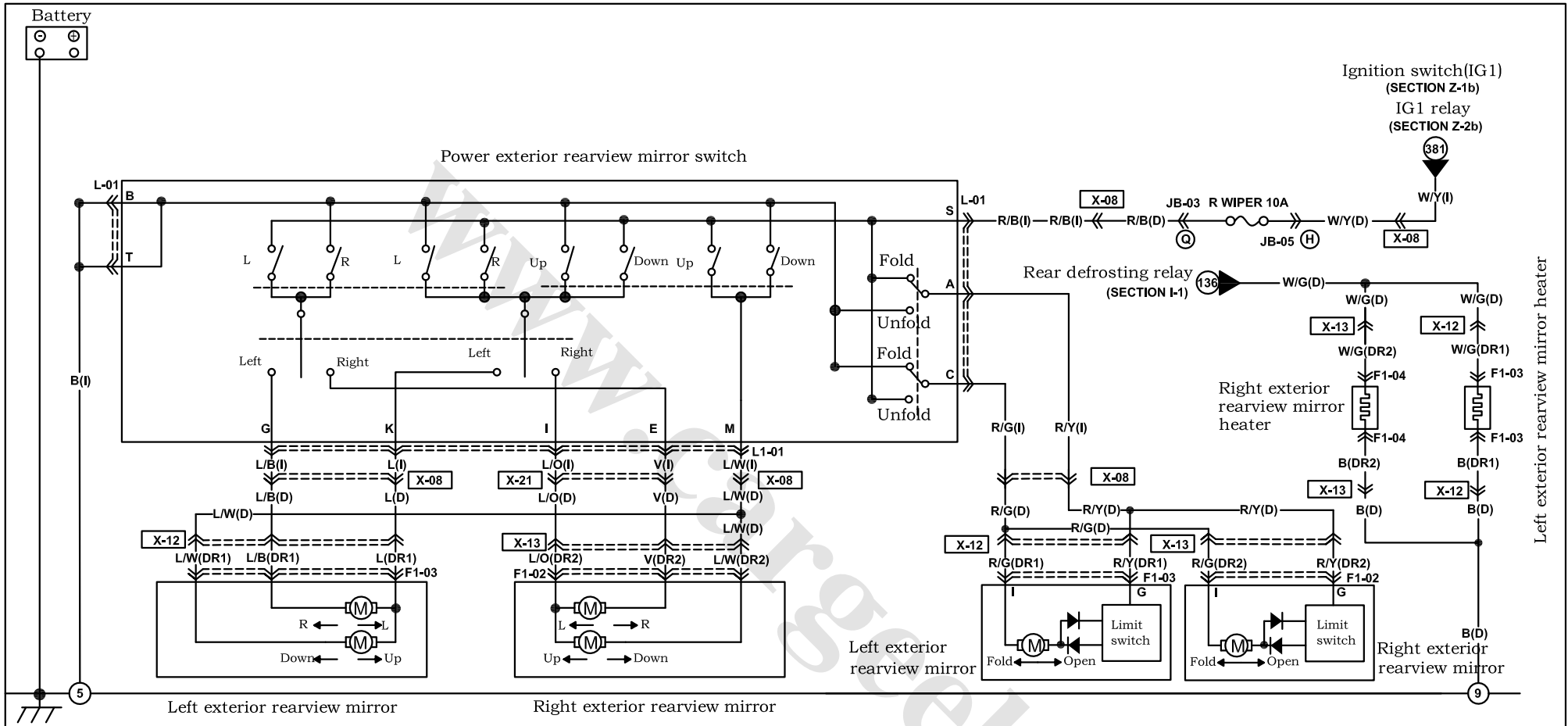
S	Q	O	M	K	I	G	E	C	A
B/L	B/L	GR/R	W/B	B	*	*	BR/B	Y/L	Y/B
O/W	O/L	P/B	Y/G	G/B	G	LG/R	L/O	GR/L	B
T	R	P	N	L	J	H	F	D	B

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



Exterior rearview mirror heater/power exterior rearview mirror

L



L-01 Integrated switch (I) & with start-stop system





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

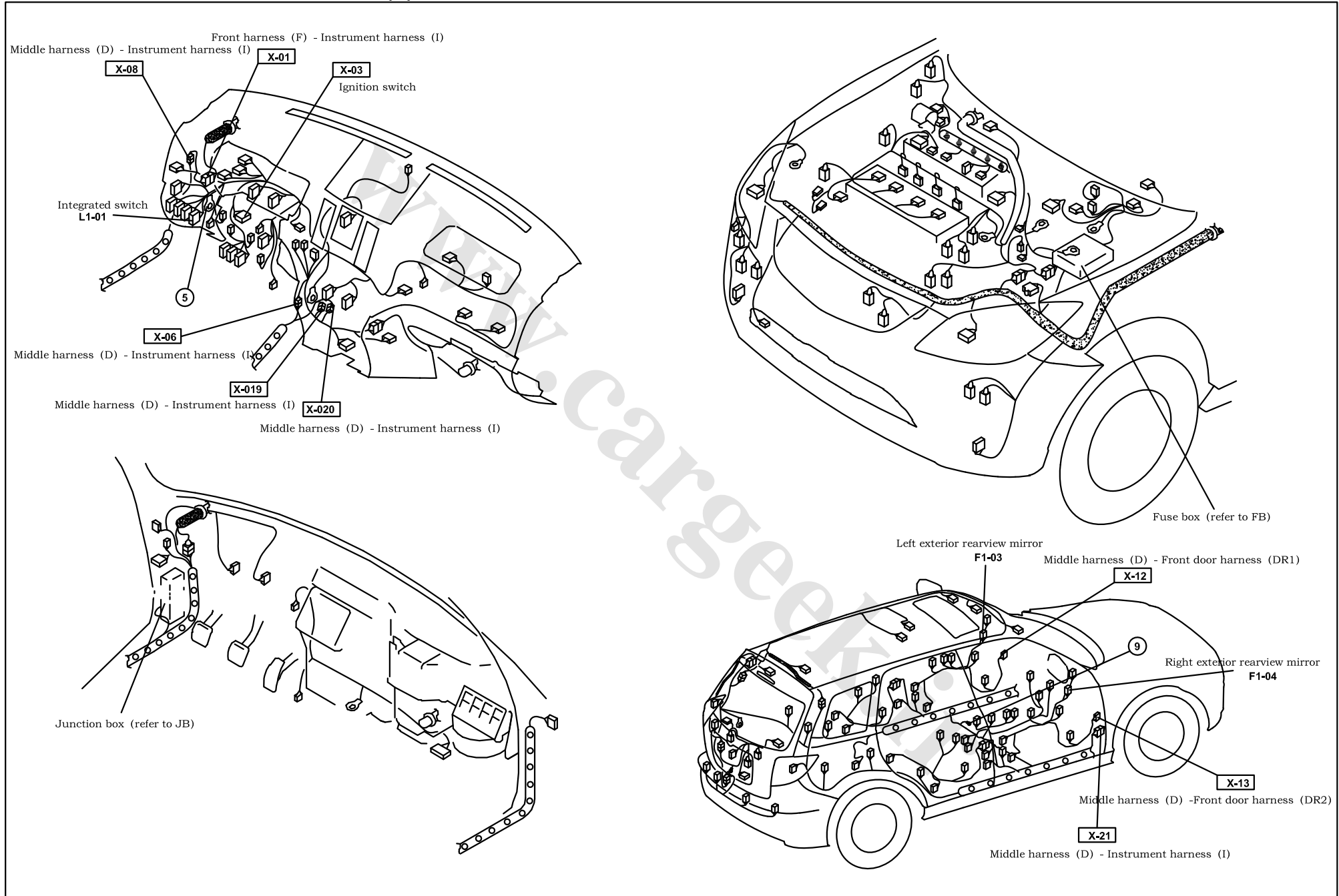
F1-03 Left exterior rearview mirror (DR1)

A	*	Y/L	W/G	R/Y	R/G	I
B	*	L	L/W	L/B	B	J

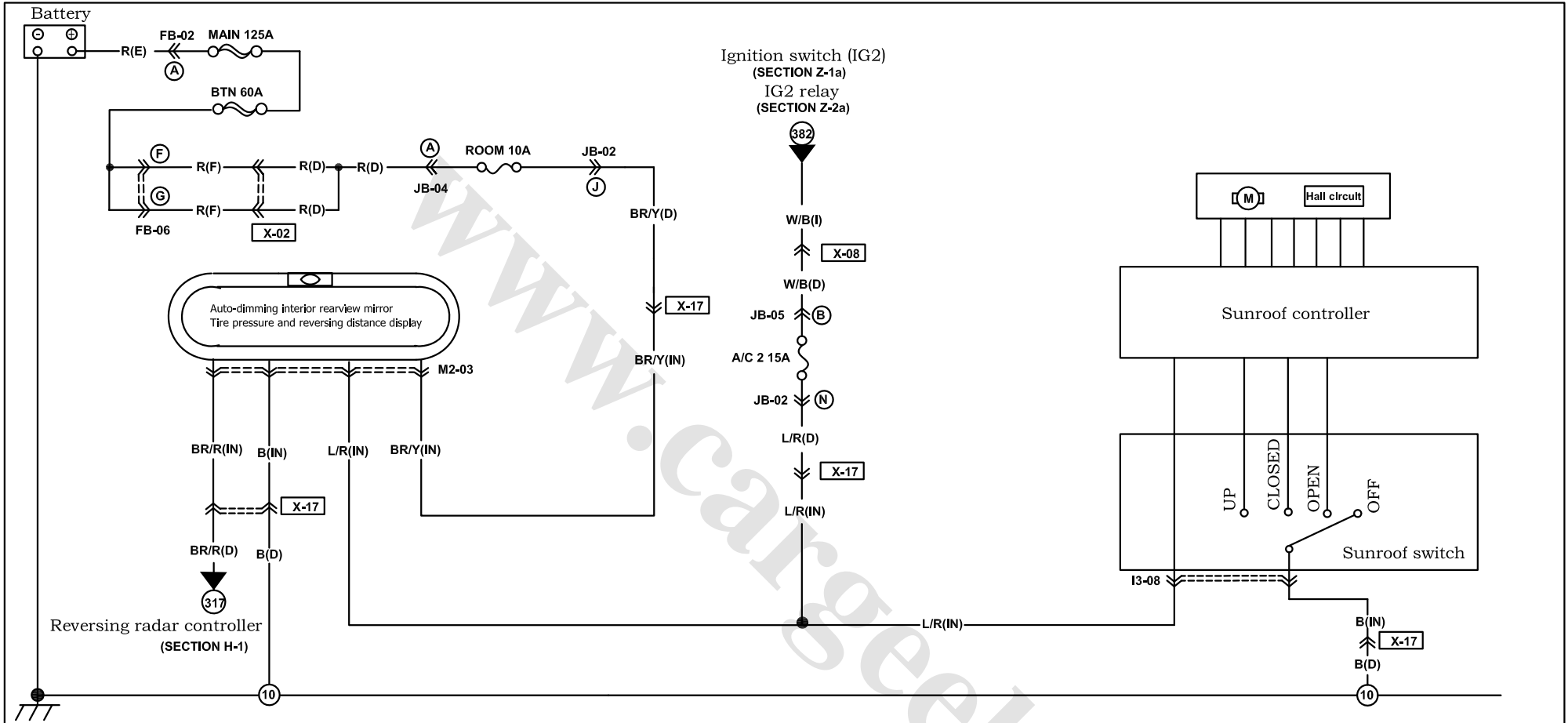
F1-04 Right exterior rearview mirror (DR2)

A	*	Y/B	W/G	R/Y	R/G	I
B	*	L/O	L/W	V	B	J

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

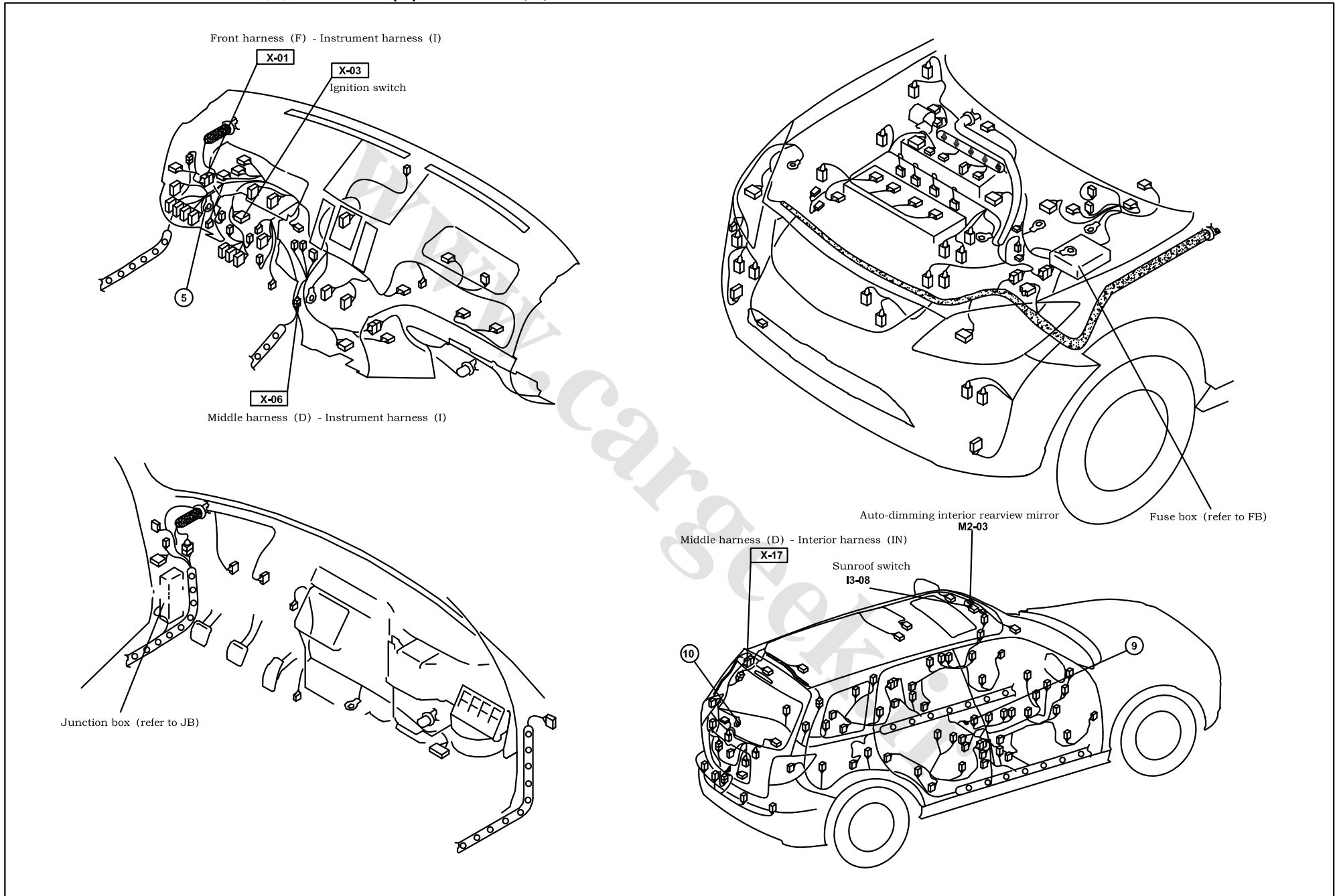


Sunroof and auto-dimming interior rearview mirror (with tire pressure and reversing distance display)



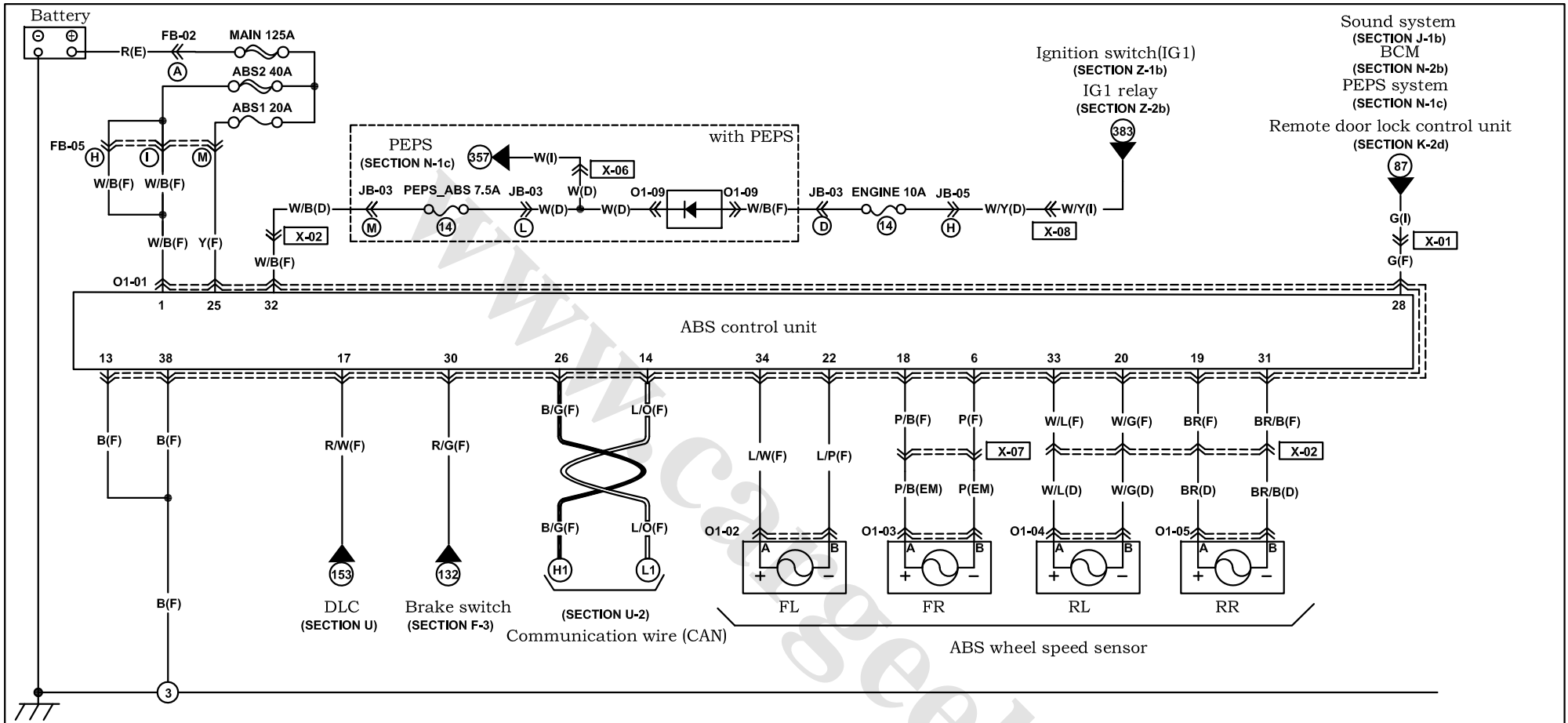
<p>I3-08 Sunroof switch (IN)</p>	<p>M2-03 Auto-dimming interior rearview mirror (IN)</p>				

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

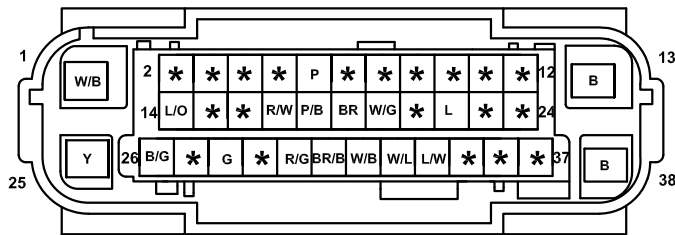


Anti-lock braking system

O-1a



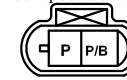
O1-01 ABS control unit (F)



O1-02 ABS wheel speed sensor FL (EM)



O1-03 ABS wheel speed sensor FR (EM)



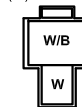
O1-04 ABS wheel speed sensor RL (D)



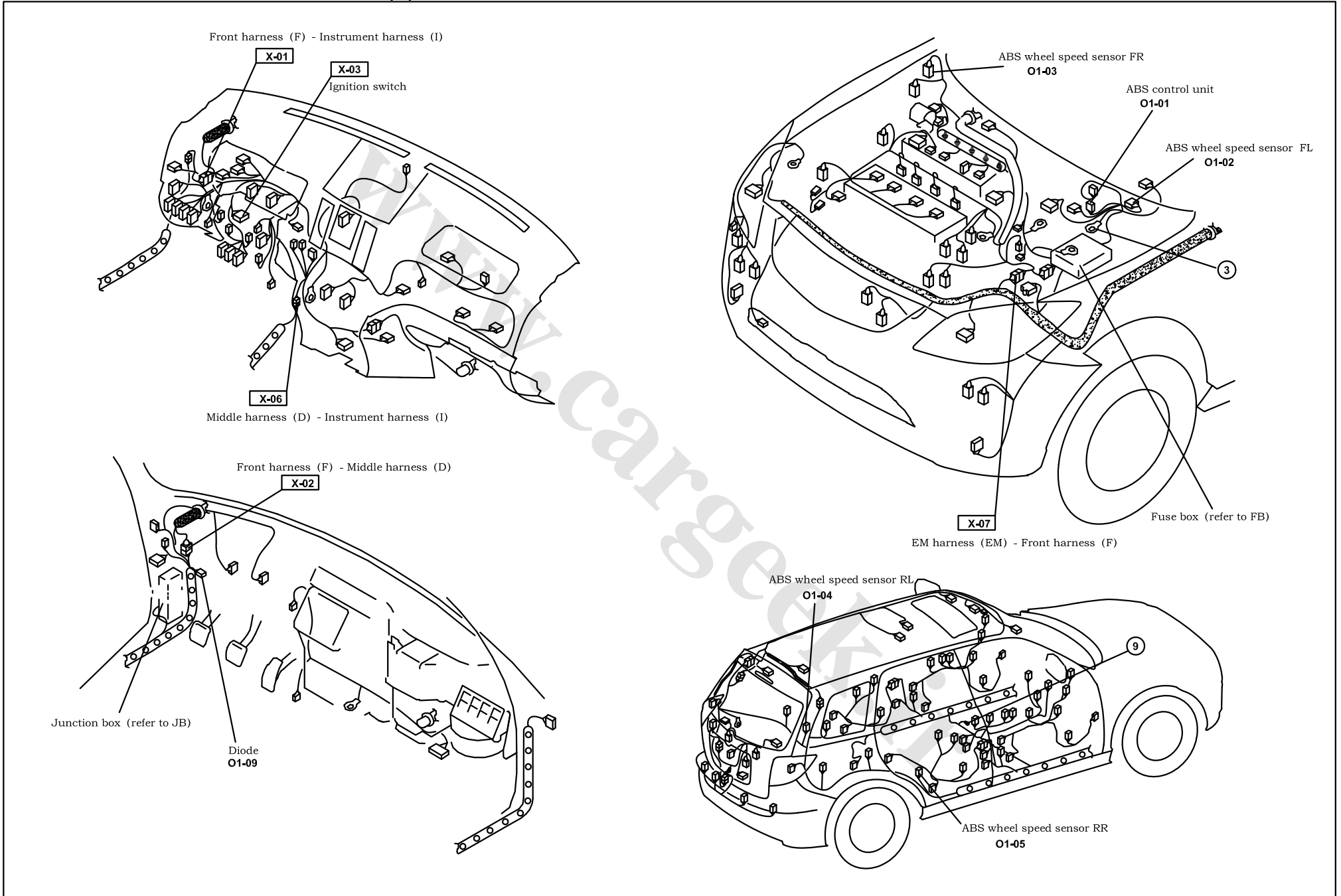
O1-05 ABS wheel speed sensor RR (D)

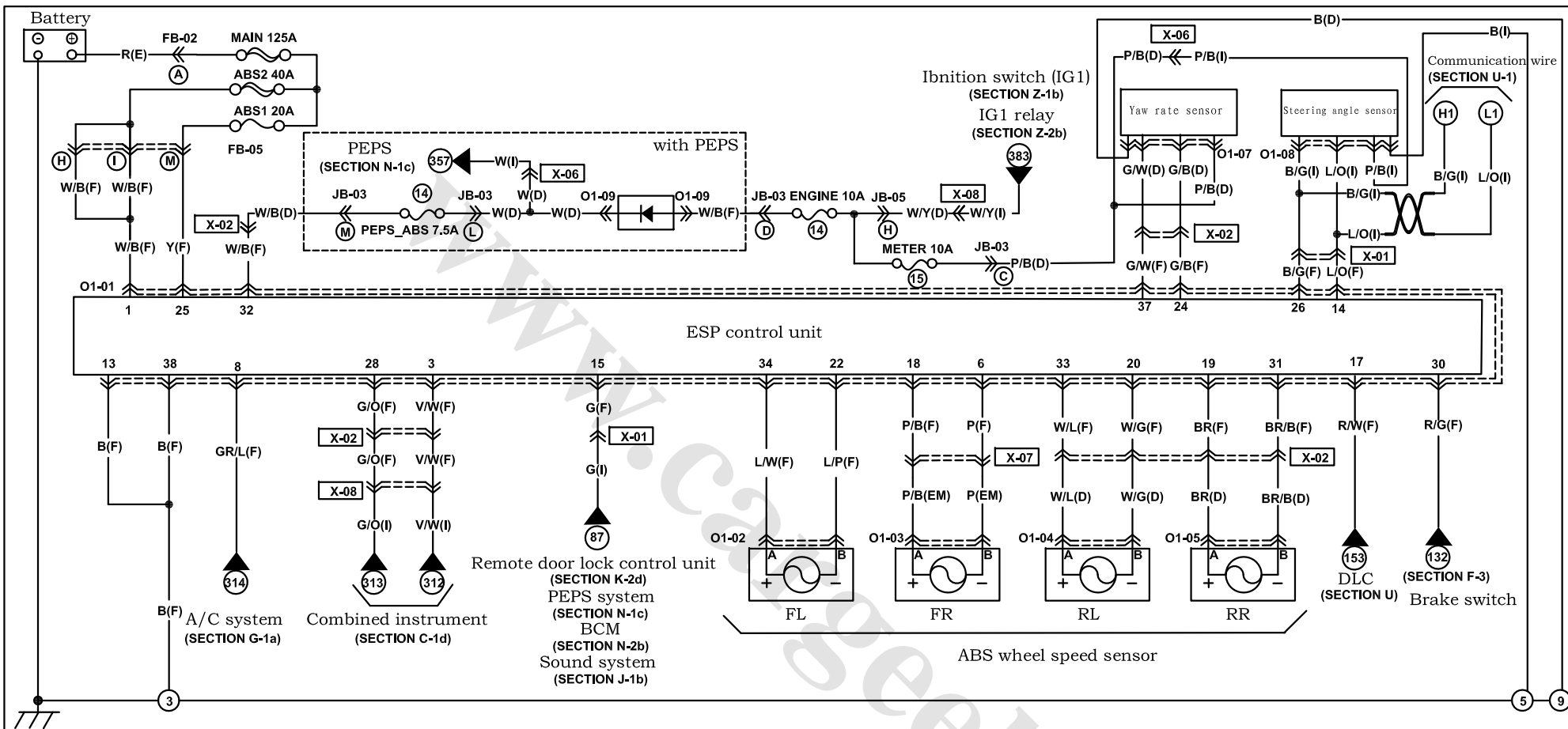


O1-09 Diode (D)

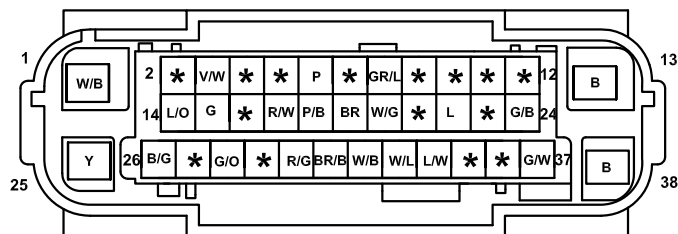


Harness mark:  (F)  (E)  (D)  (R)





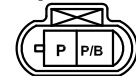
O1-06 ESP control unit (F)



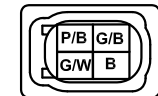
O1-02 ABS wheel speed sensor FL (EM)



O1-03 ABS wheel speed sensor FR (EM)



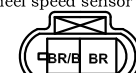
O1-07 Yaw rate sensor (D)



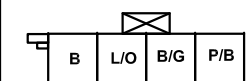
O1-04 ABS wheel speed sensor RL (D)



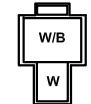
O1-05 ABS wheel speed sensor RR (D)



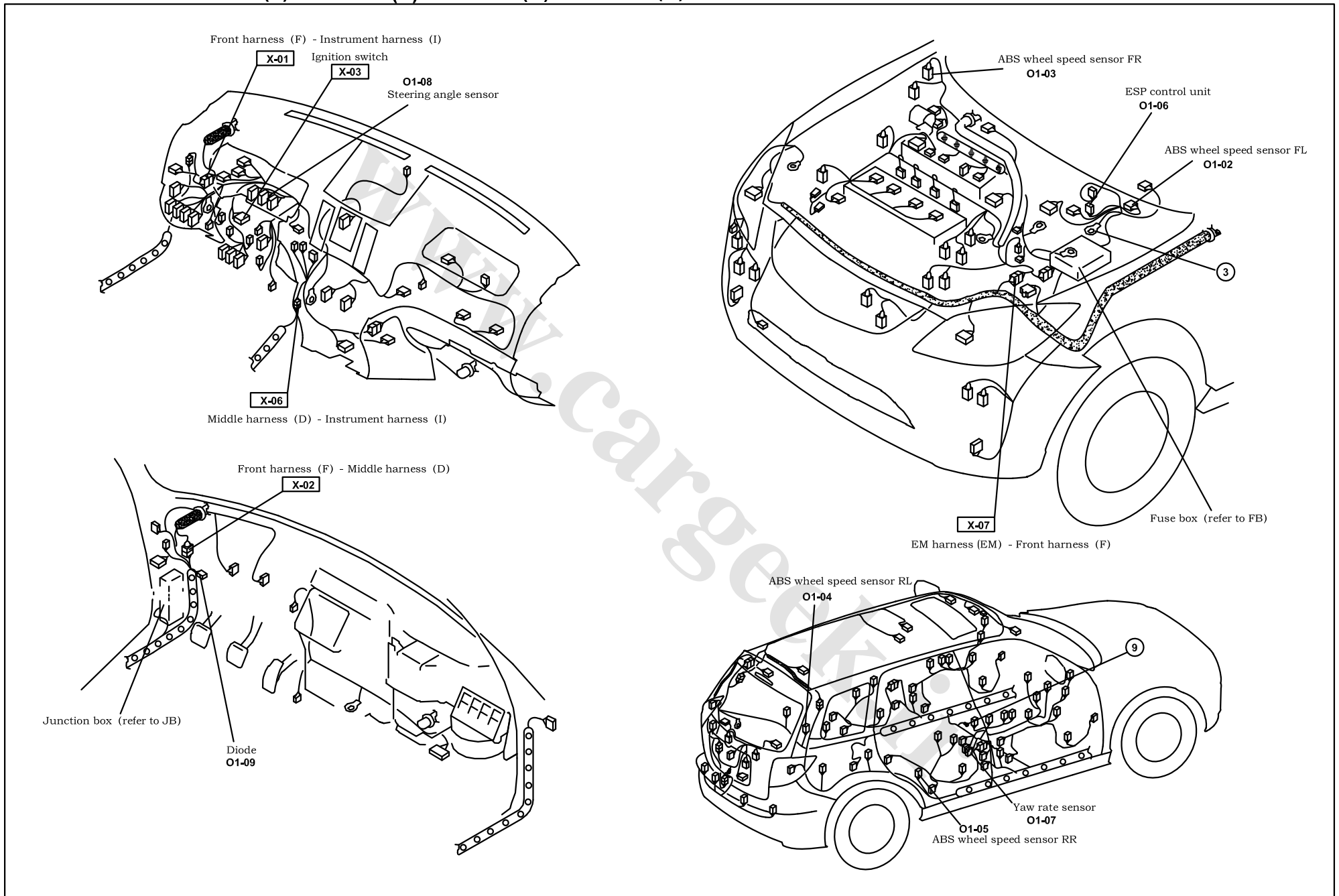
O1-08 Steering angle sensor (I)



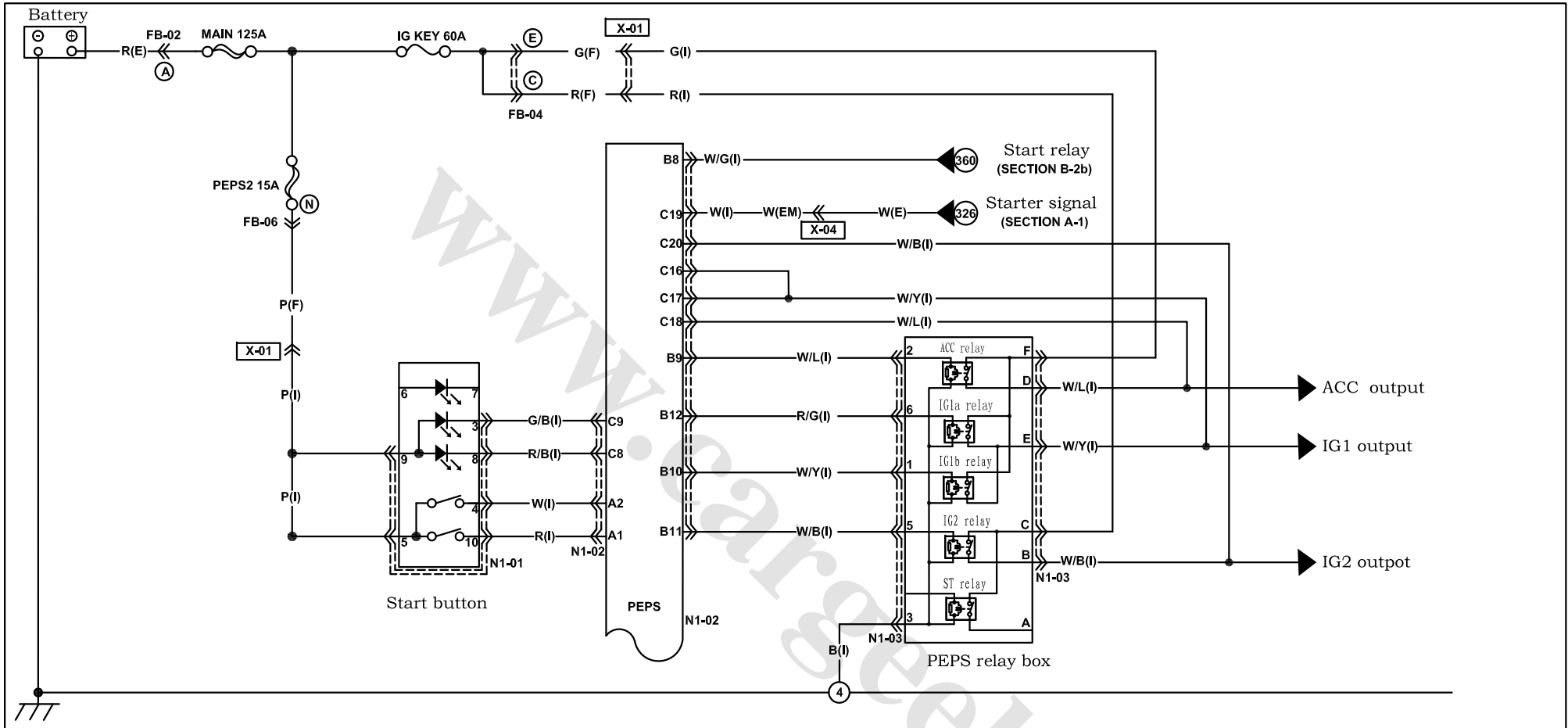
O1-09 Diode (D)



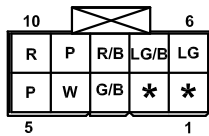
Harness mark:  (F)  (E)  (D)  (R)



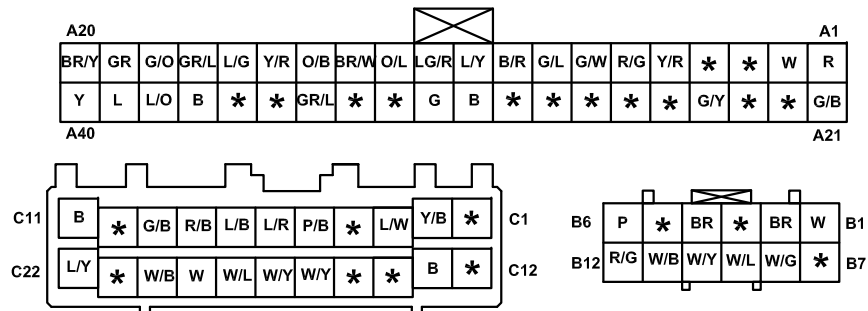
Smart key system (PEPS)



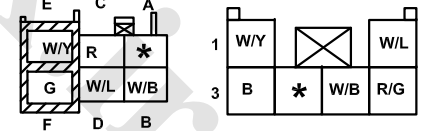
N1-01 Start button (I)



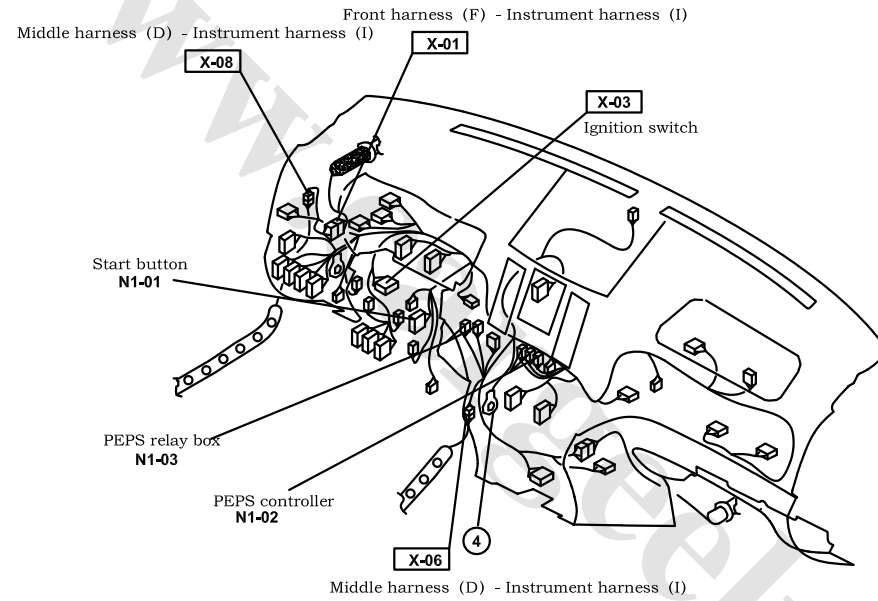
N1-02 PEPS controller (I)

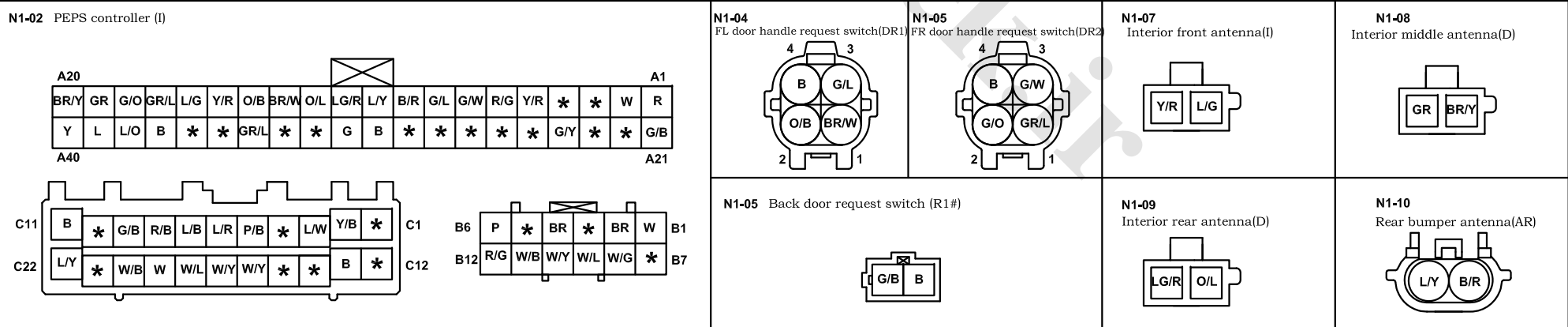
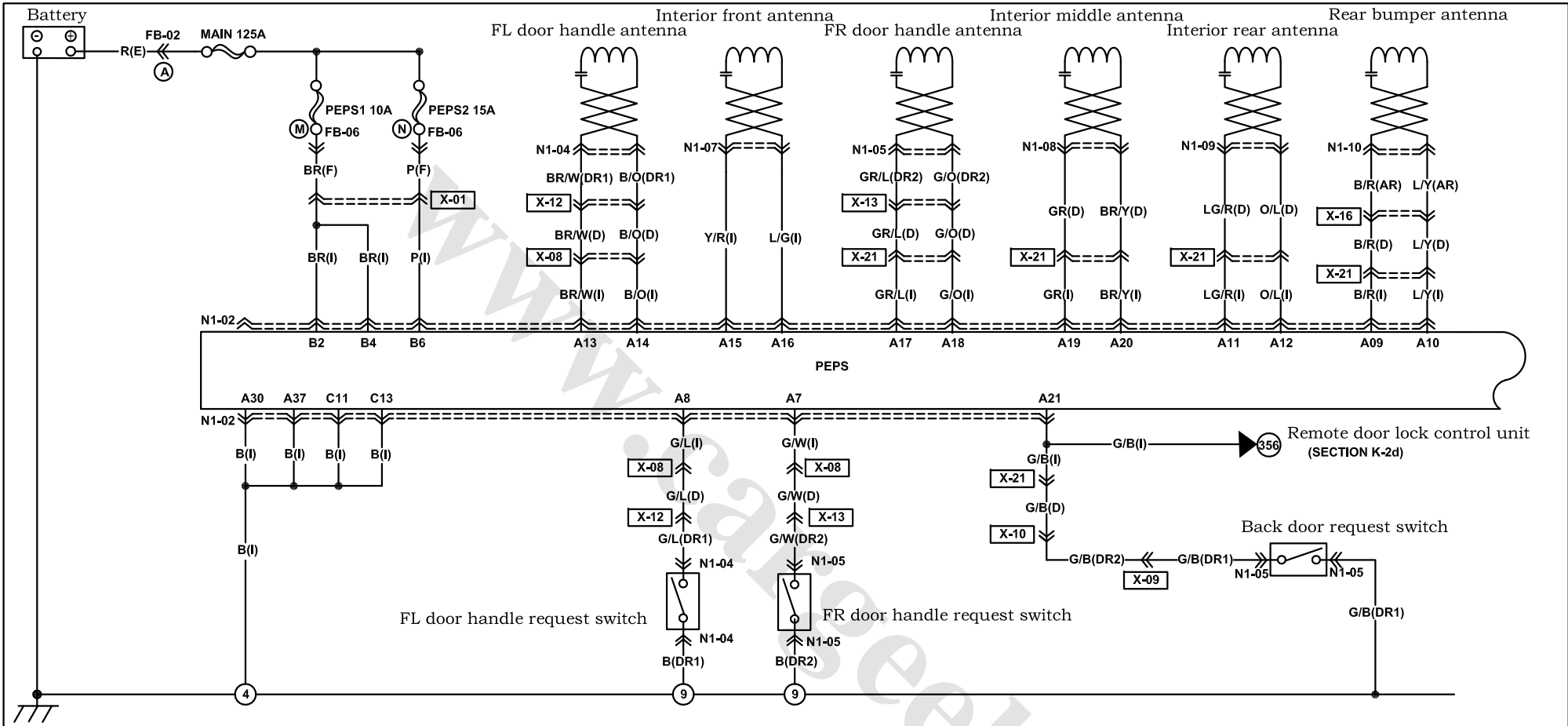




N1-03 PEPS relay box (I)

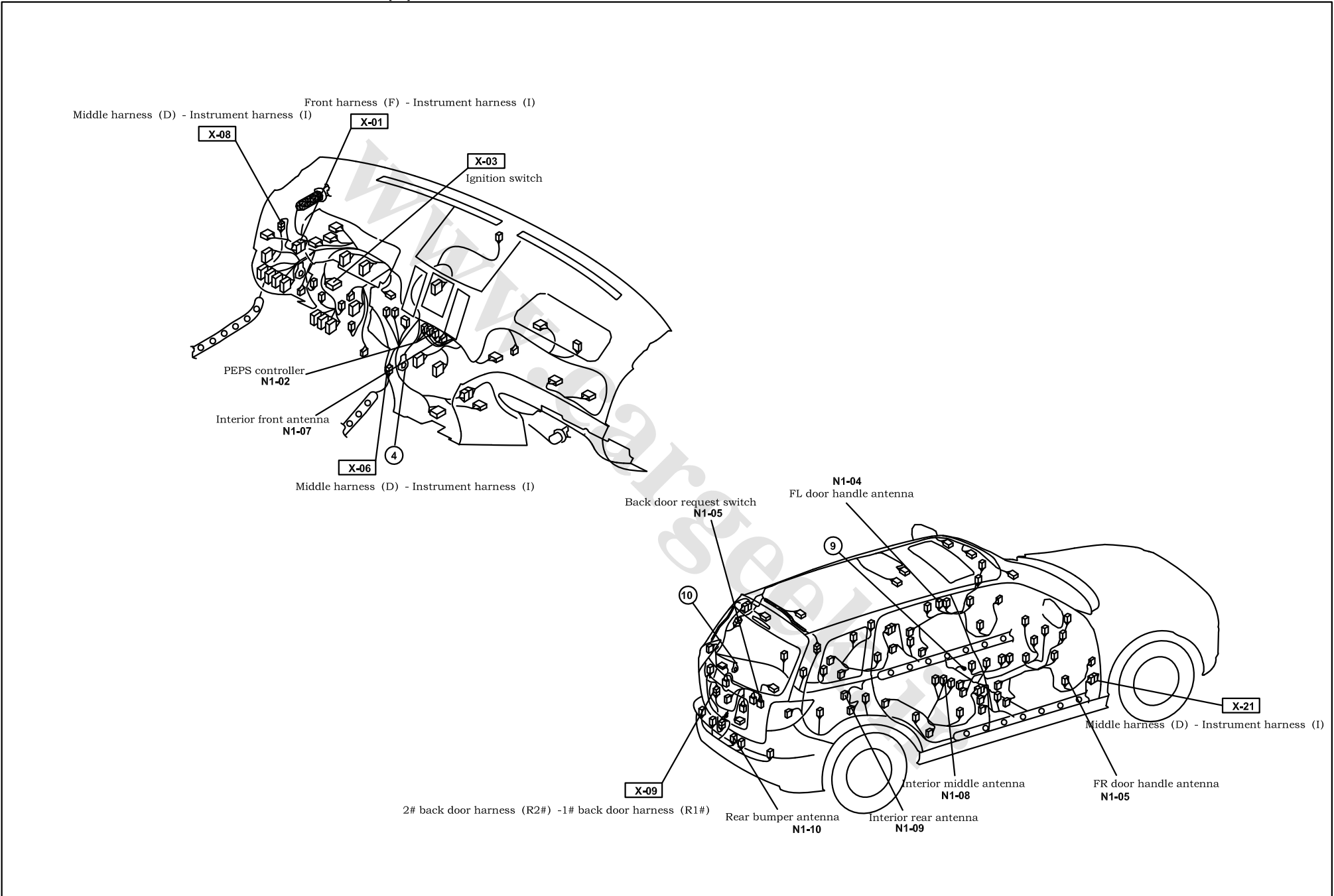


Harness mark:  (F)  (E)  (D)  (R)

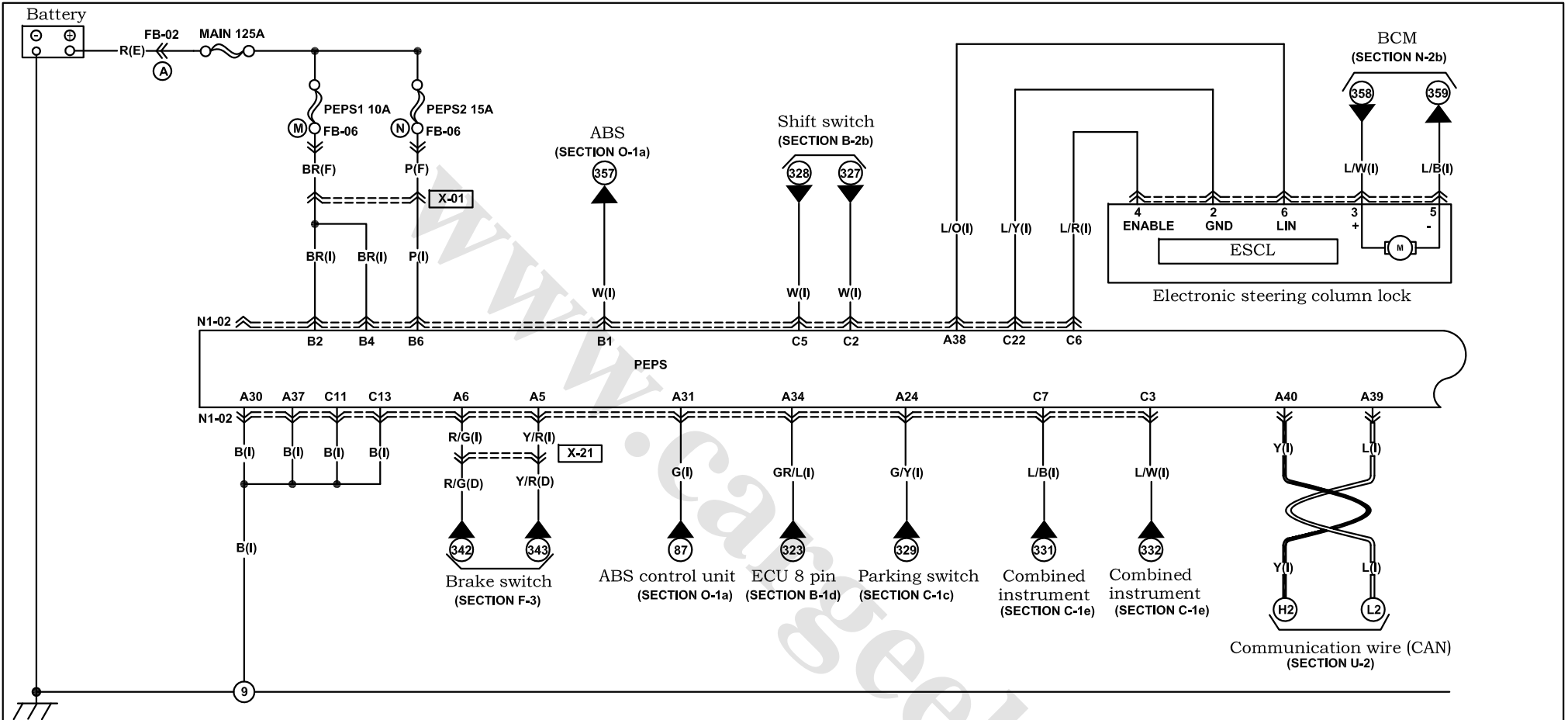




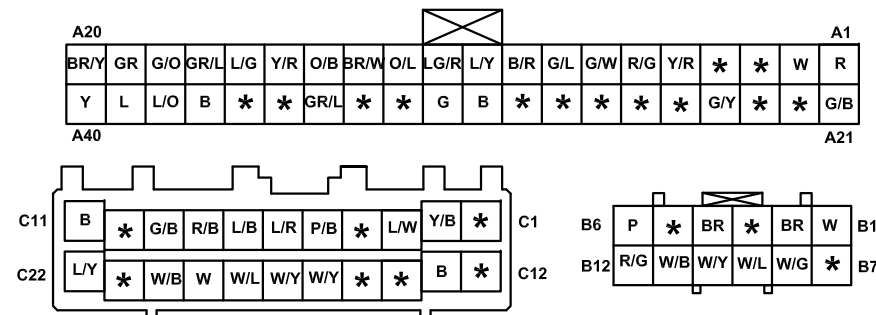
Harness mark:  (F)  (E)  (D)  (R)



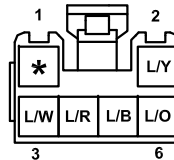
Smart key system (PEPS)



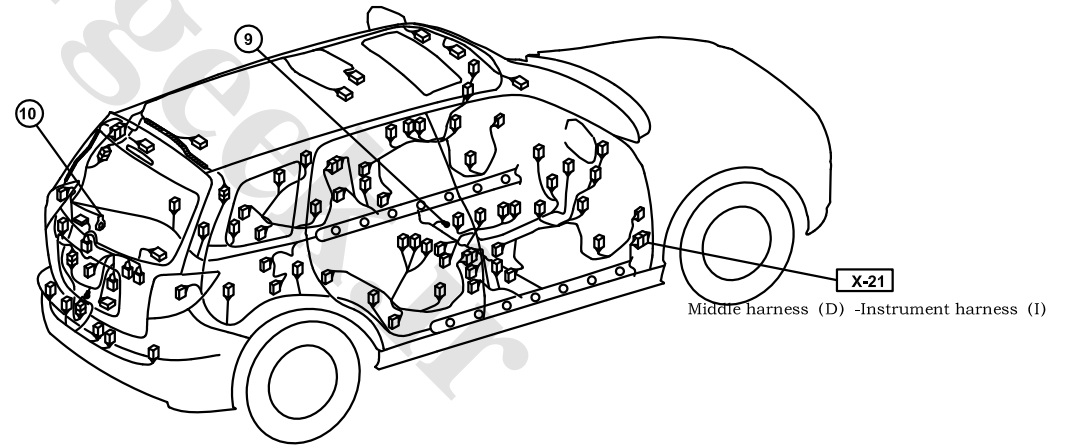
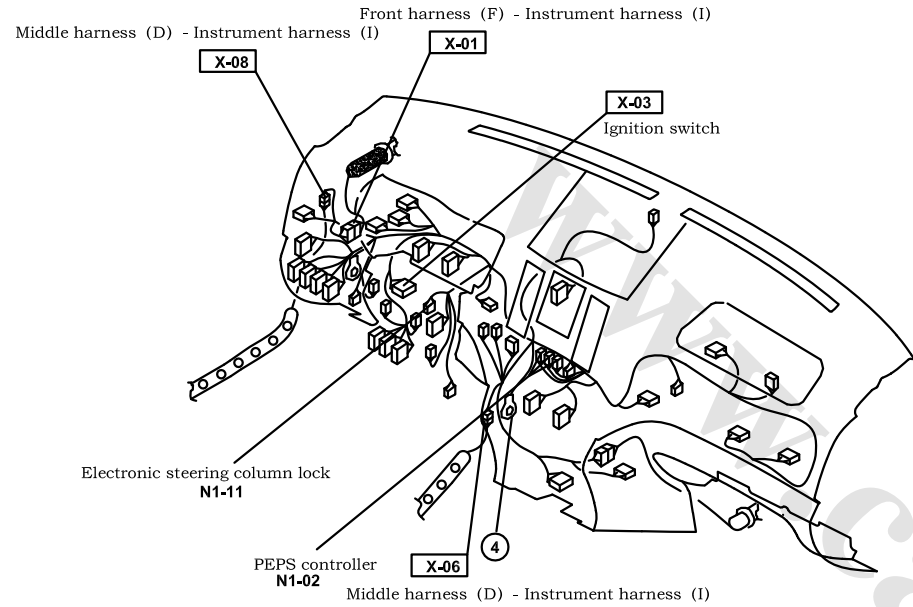
N1-02 PEPS controller (I)



N1-11 Electronic steering column lock (I)

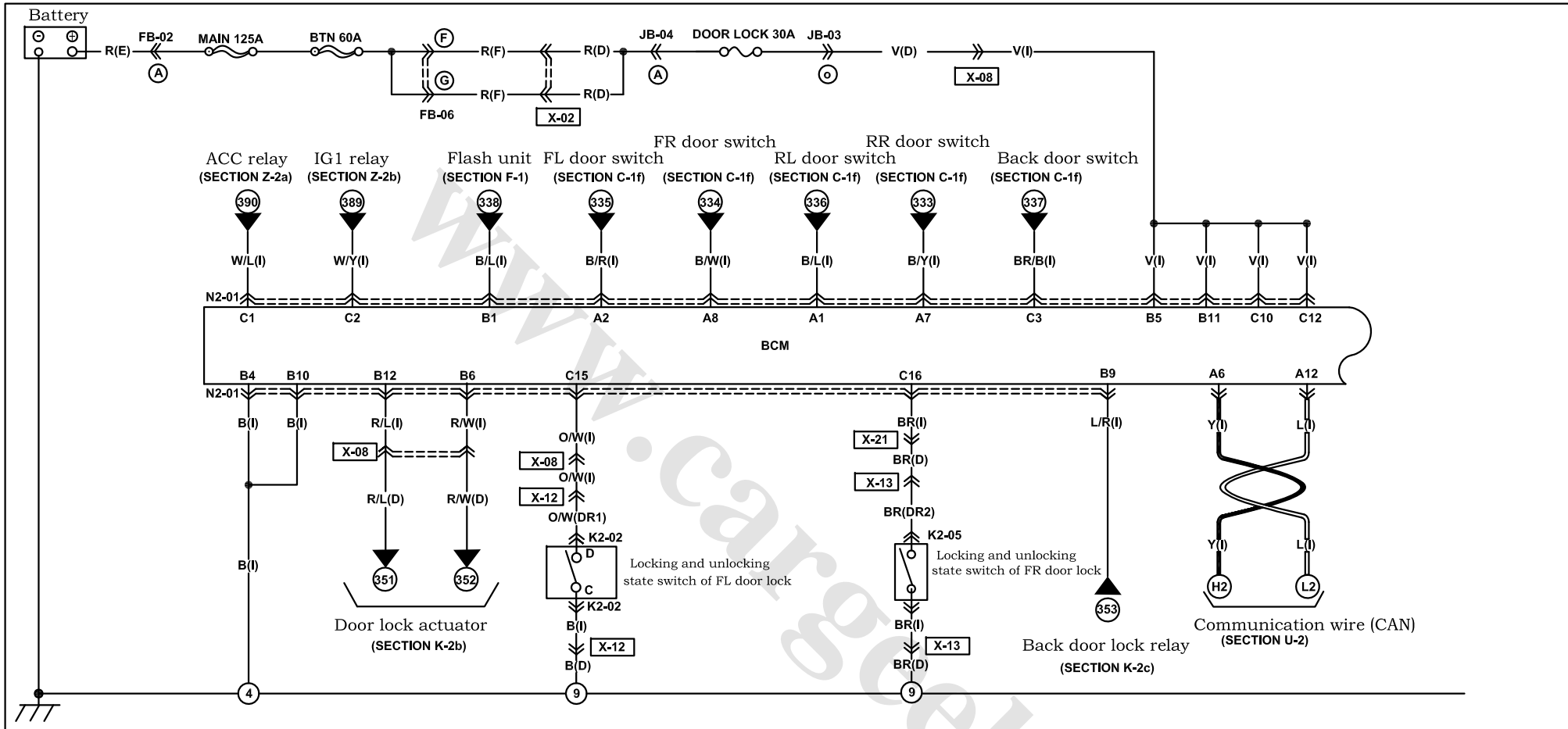


Harness mark:  (F)  (E)  (D)  (R)

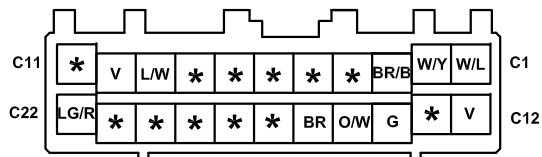
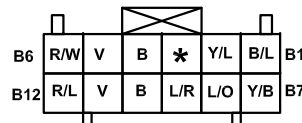


Body control system (BCM)

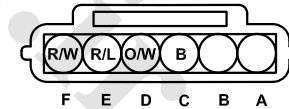
N-2a



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

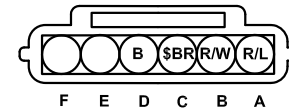


K2-02 FL door lock actuator (DR1)

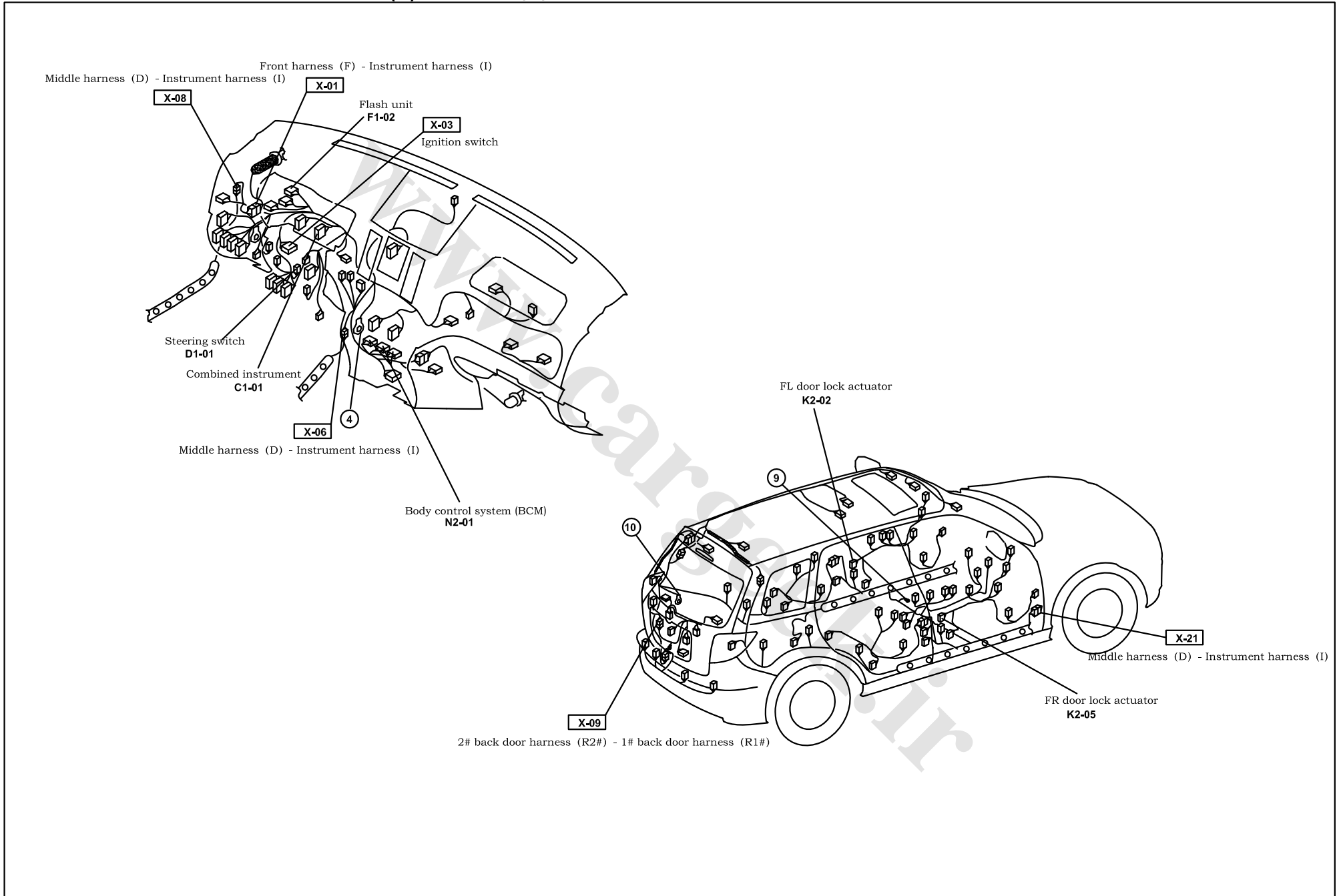


K2-05 FR door lock actuator (DR2)

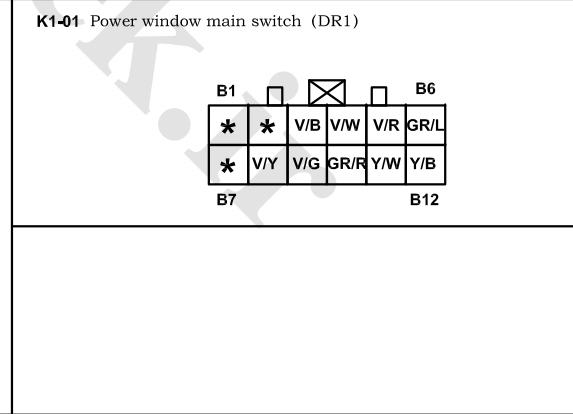
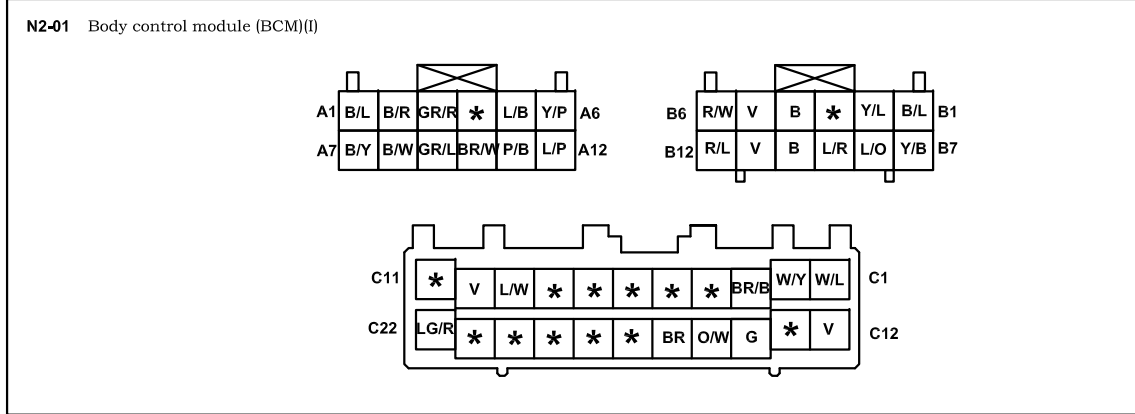
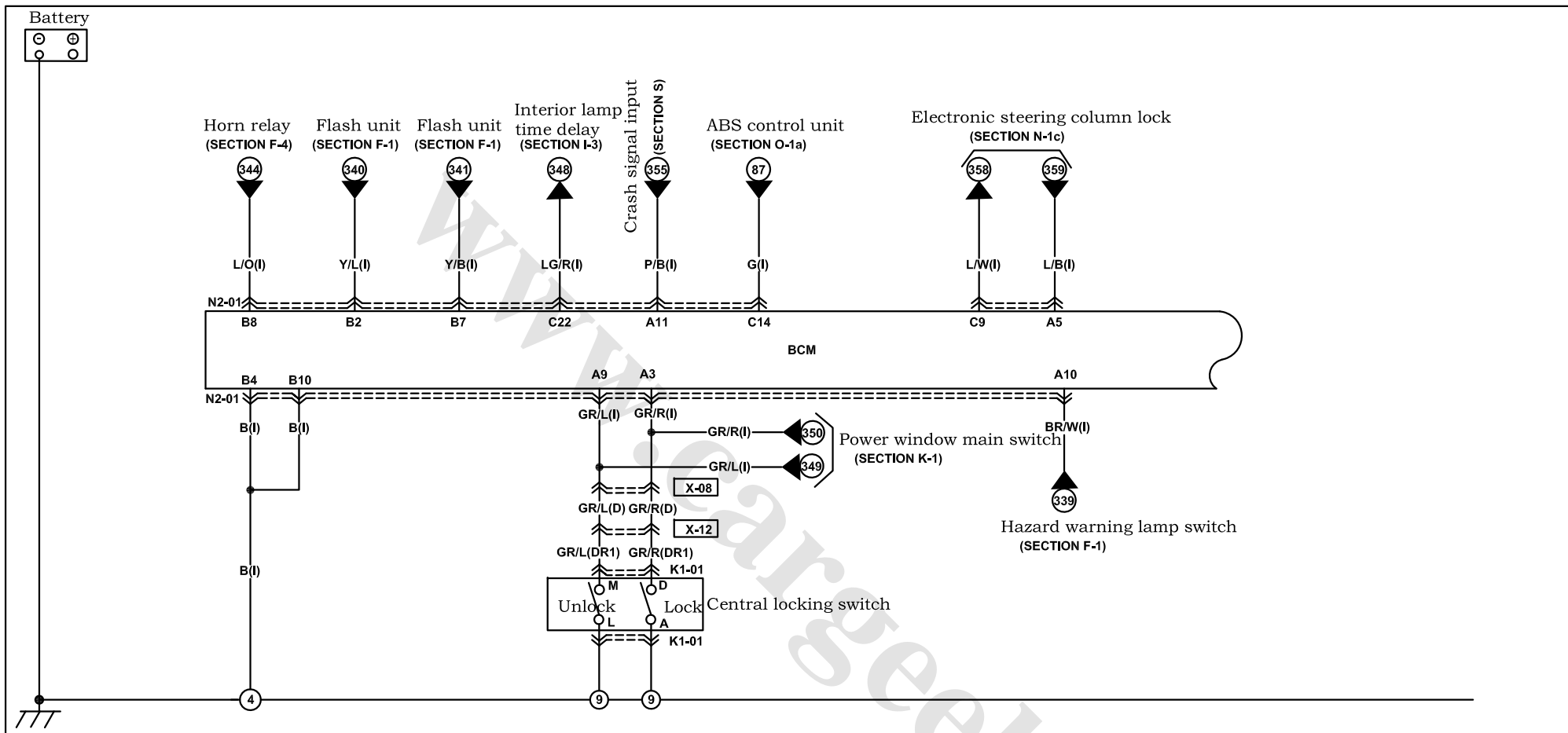
\$ with PEPS



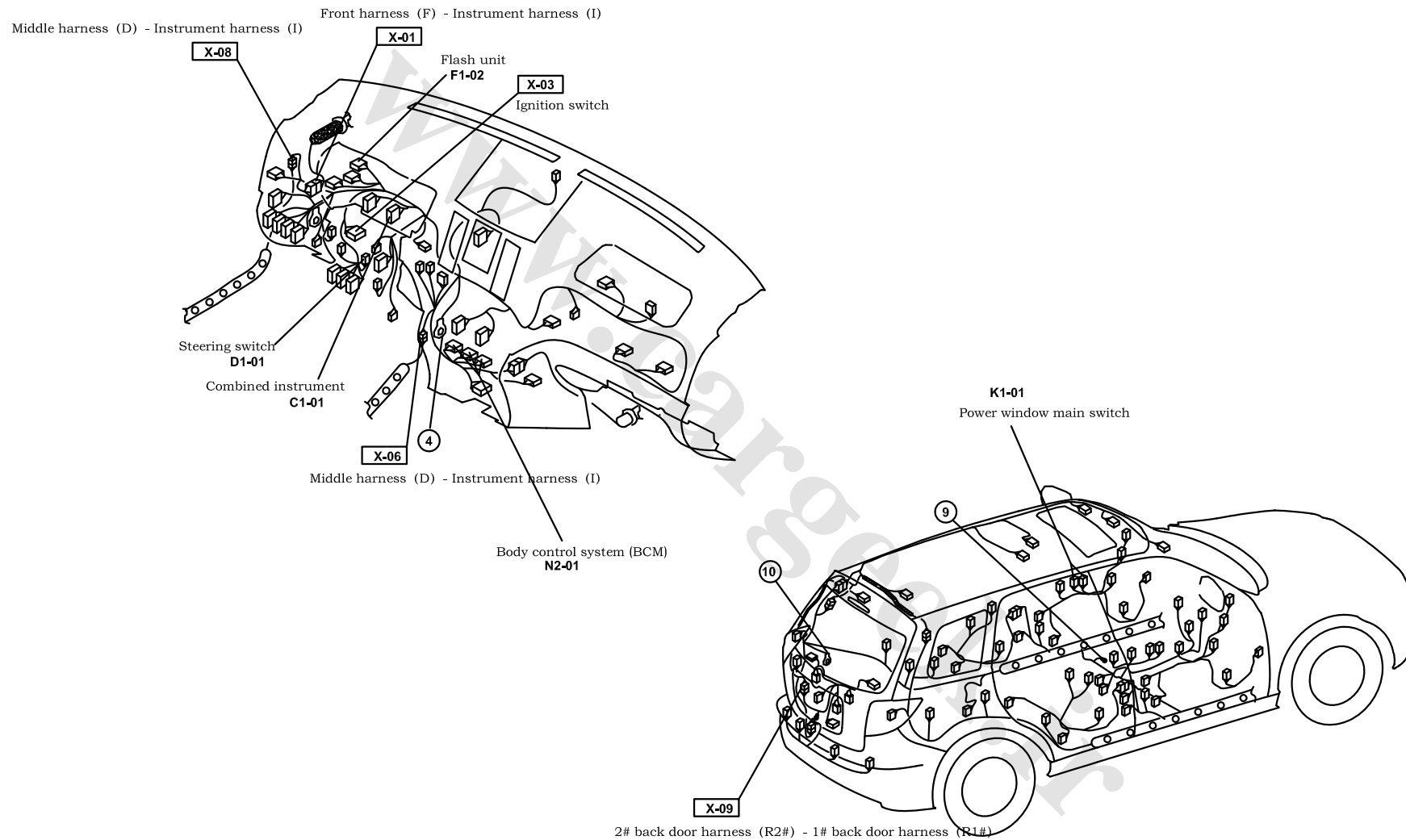
Harness mark:  (F)  (E)  (D)  (R)



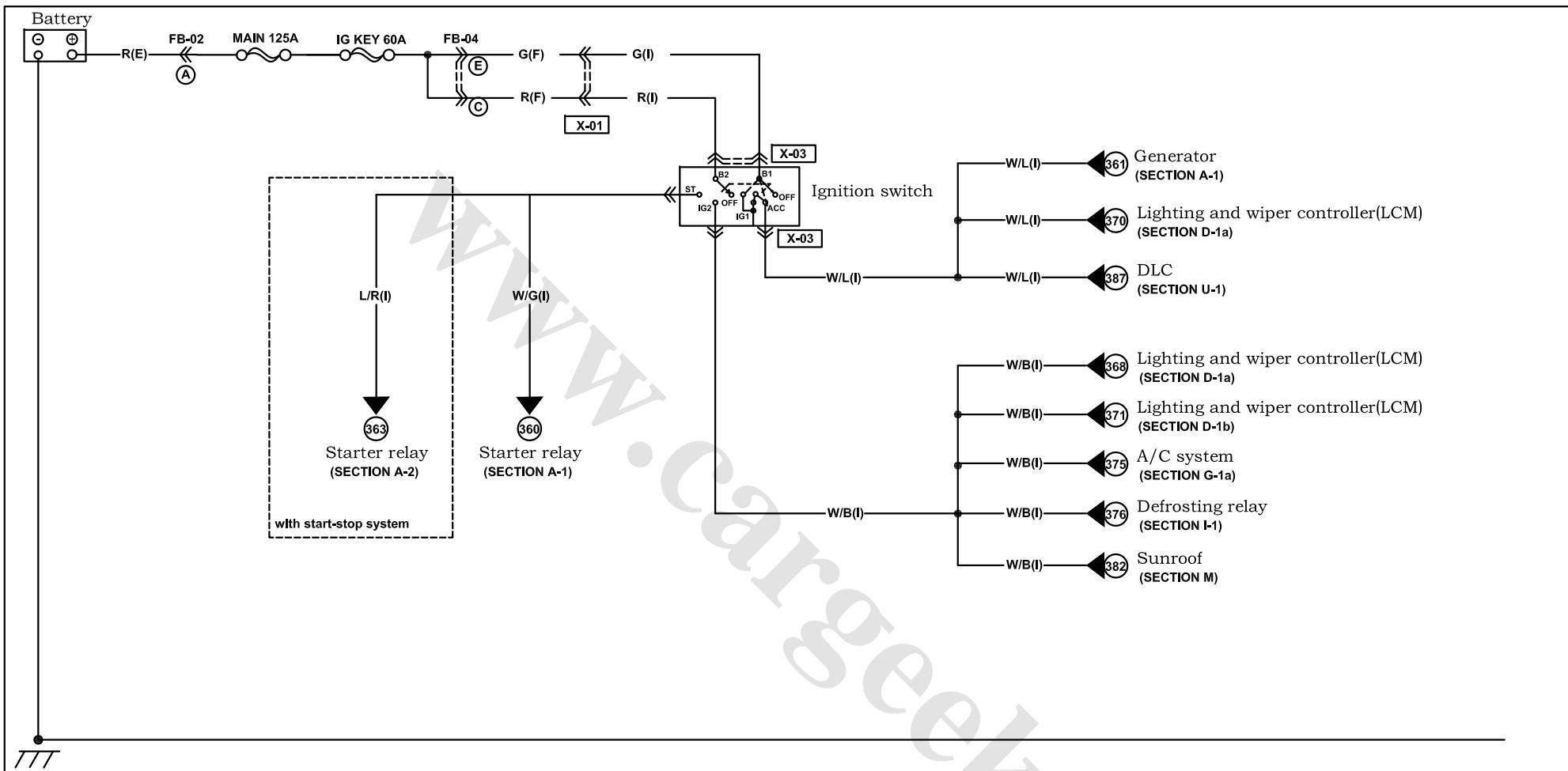
Body control system (BCM)



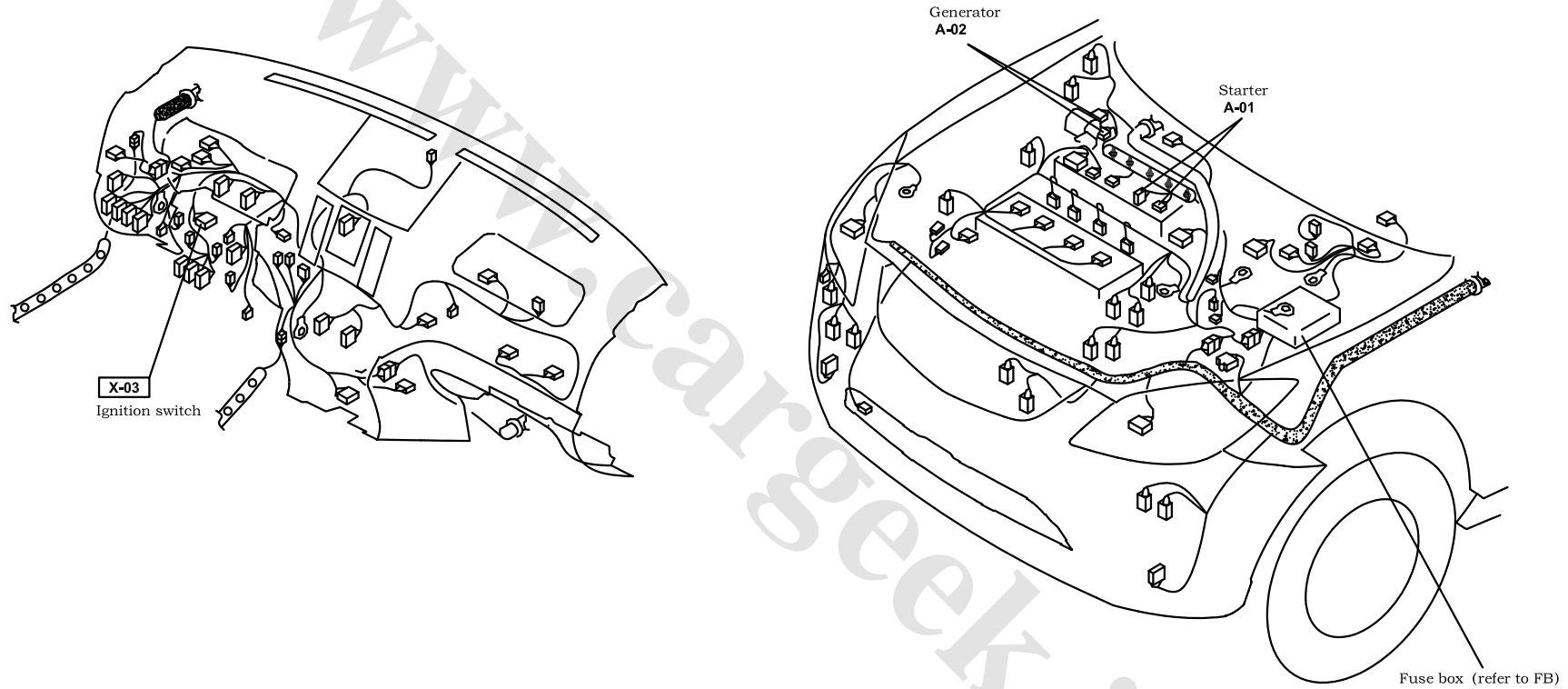
Harness mark:  (F)  (E)  (D)  (R)



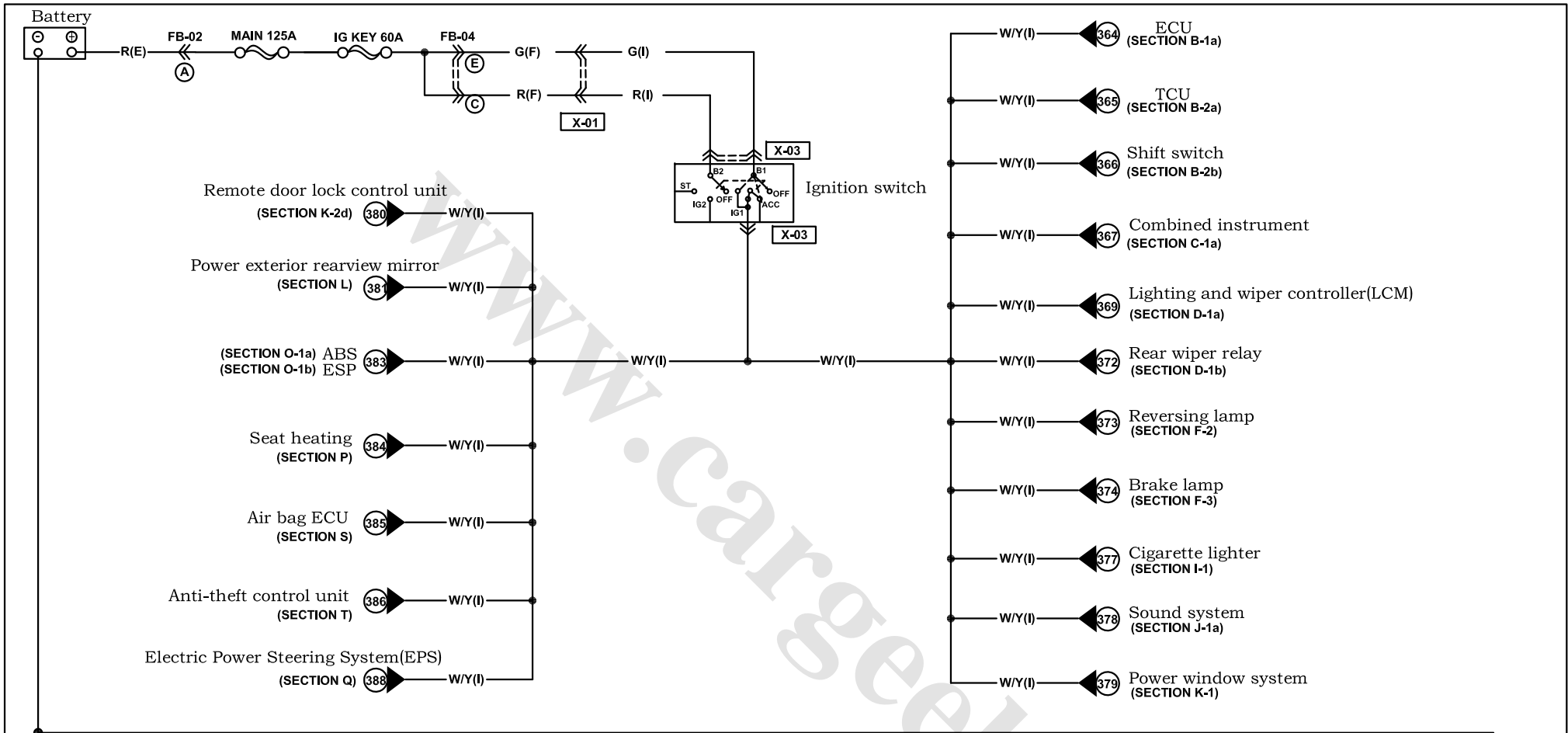
Power supply system (without smart key)



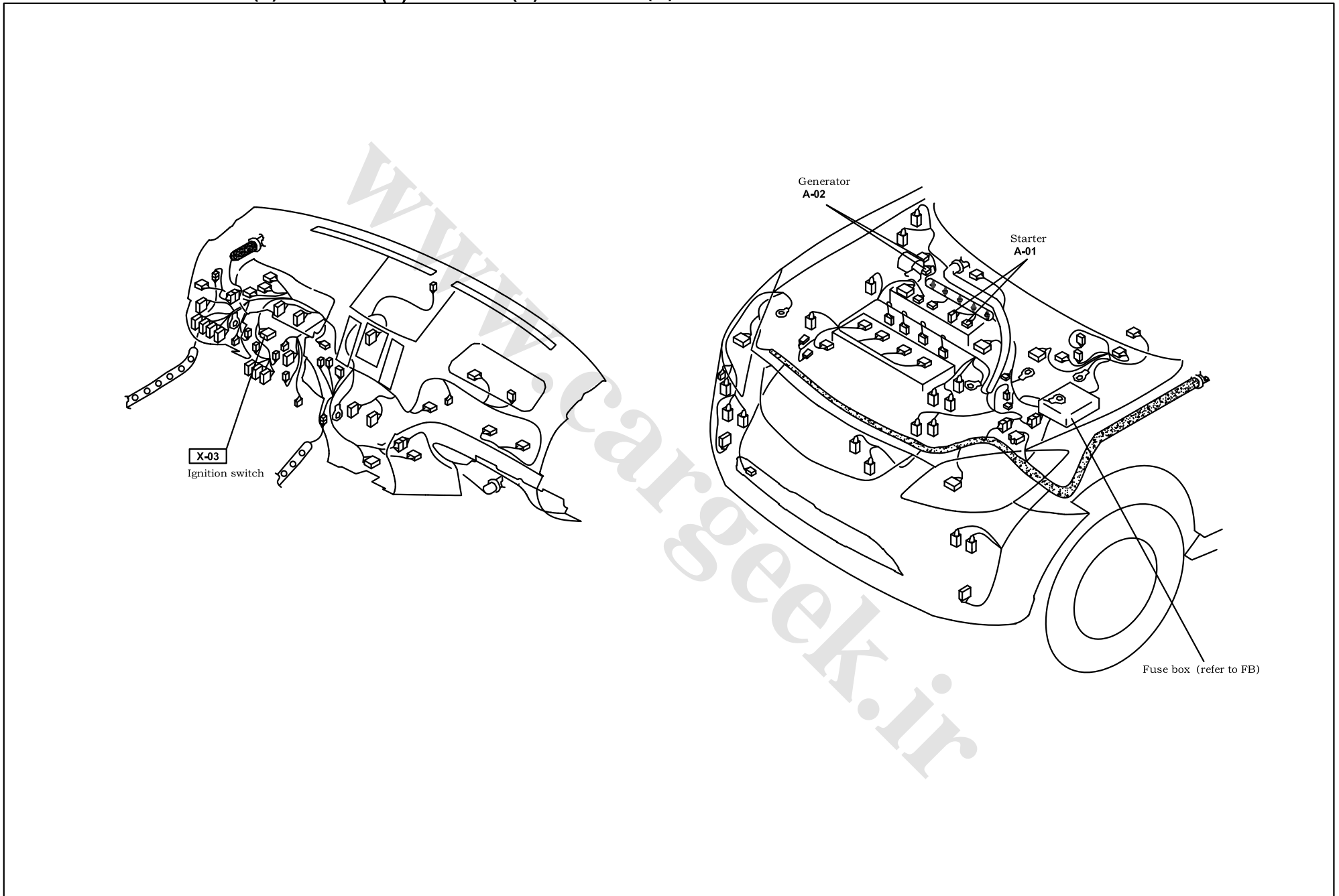
Harness mark:  (F)  (E)  (D)  (R)



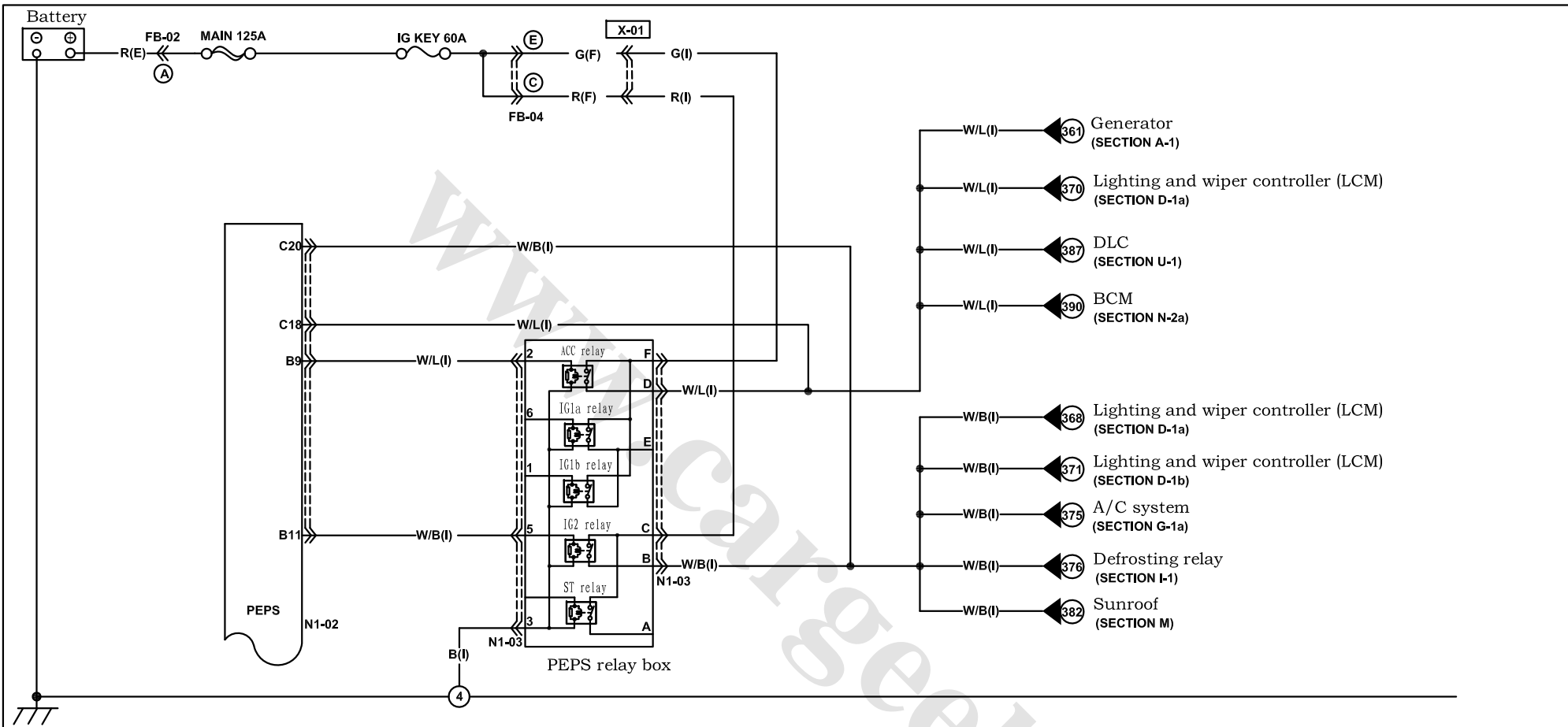
Power supply system (without smart key)



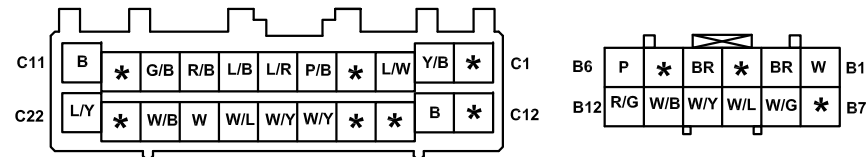
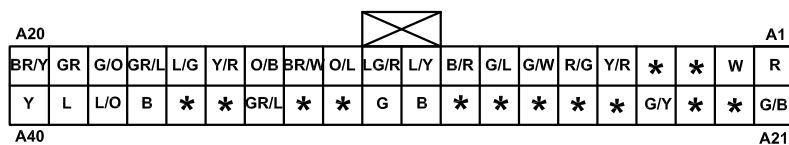
Harness mark:  (F)  (E)  (D)  (R)



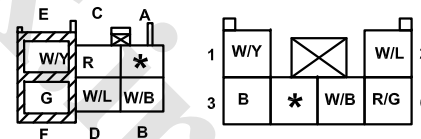
Power supply system (with smart key)



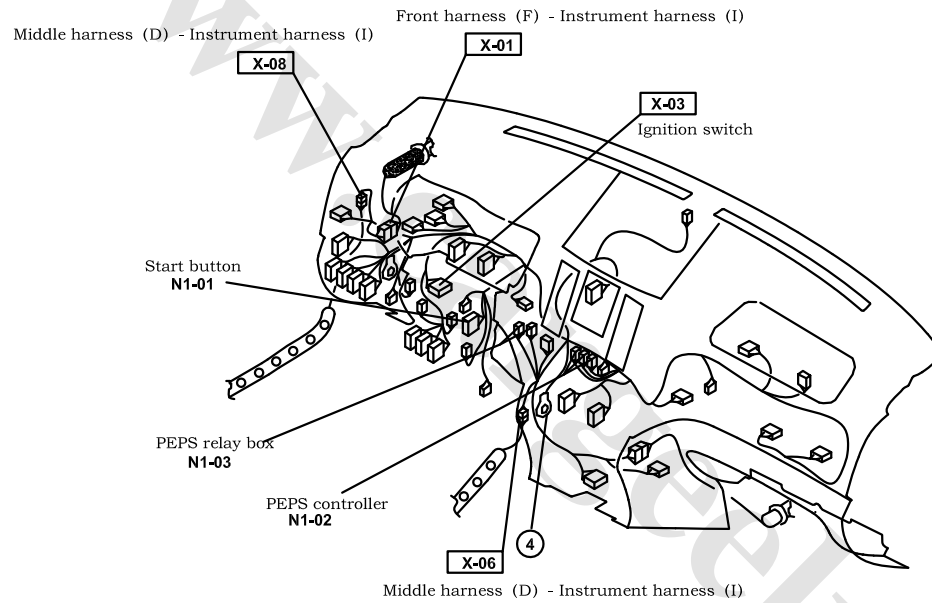
N1-02 PEPS controller (I)



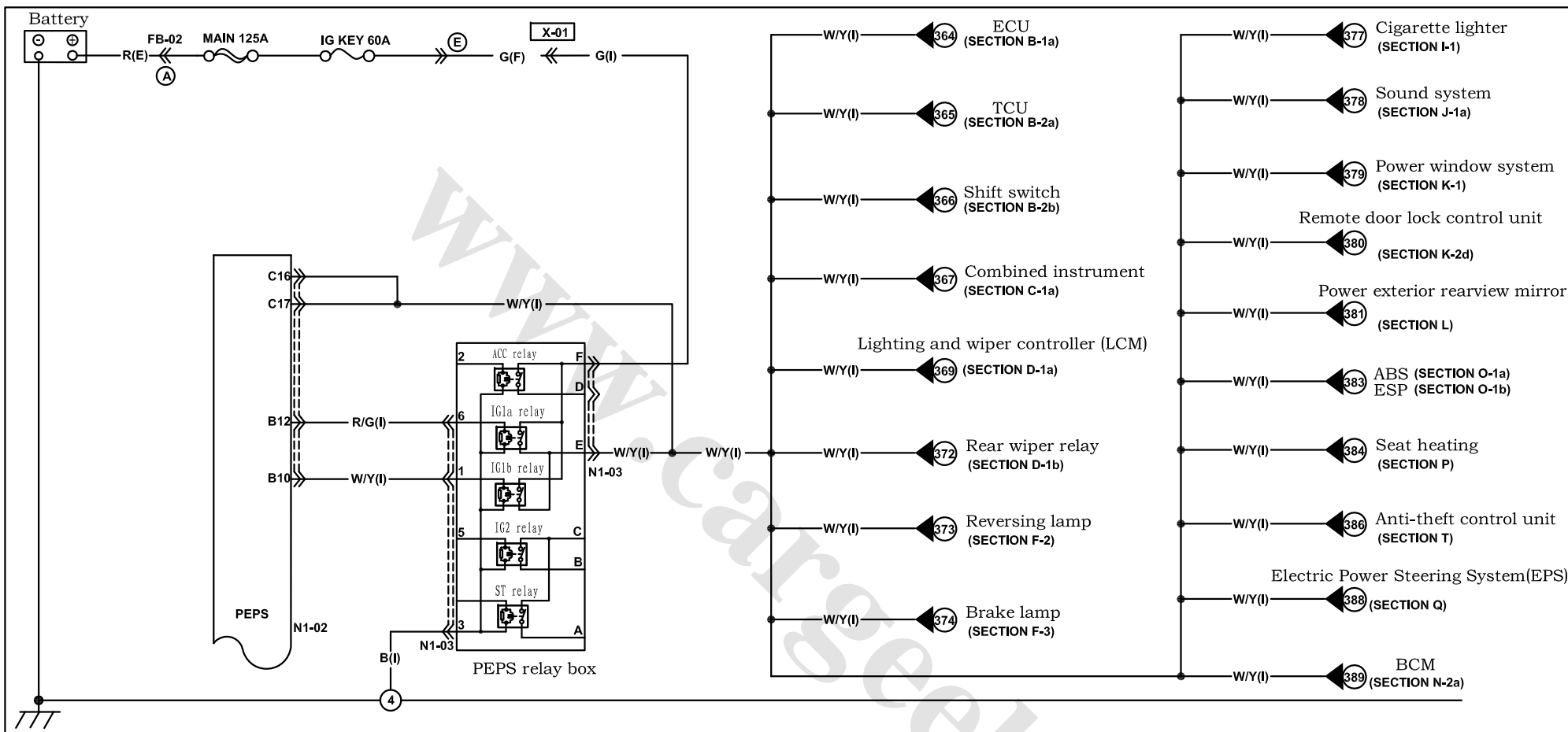
N1-03 PEPS relay box (I)



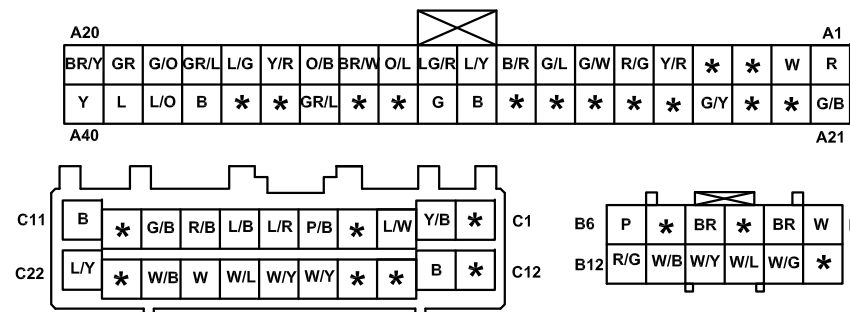
Harness mark:  (F)  (E)  (D)  (R)



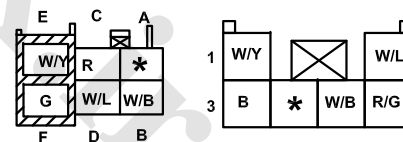
Power supply system (with smart key)






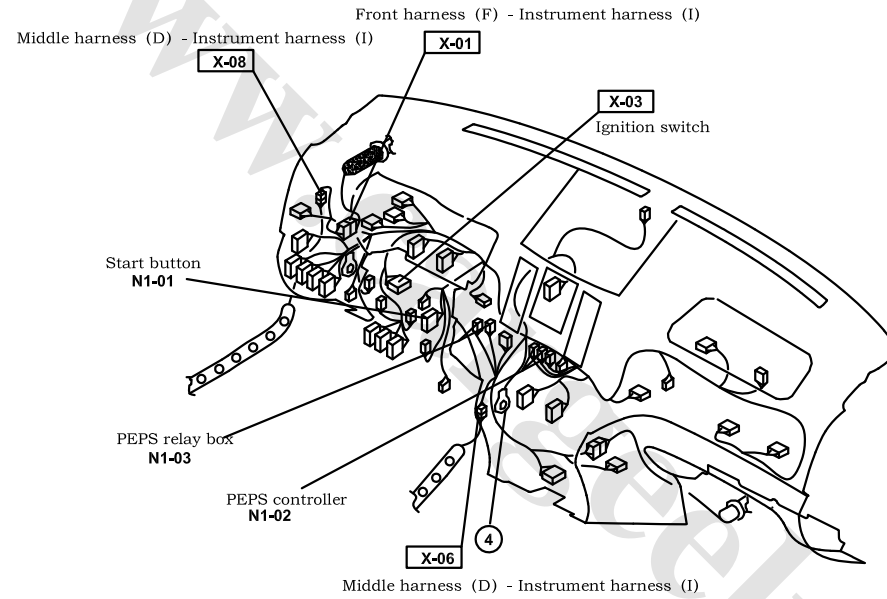
N1-02 PEPS controller (I)



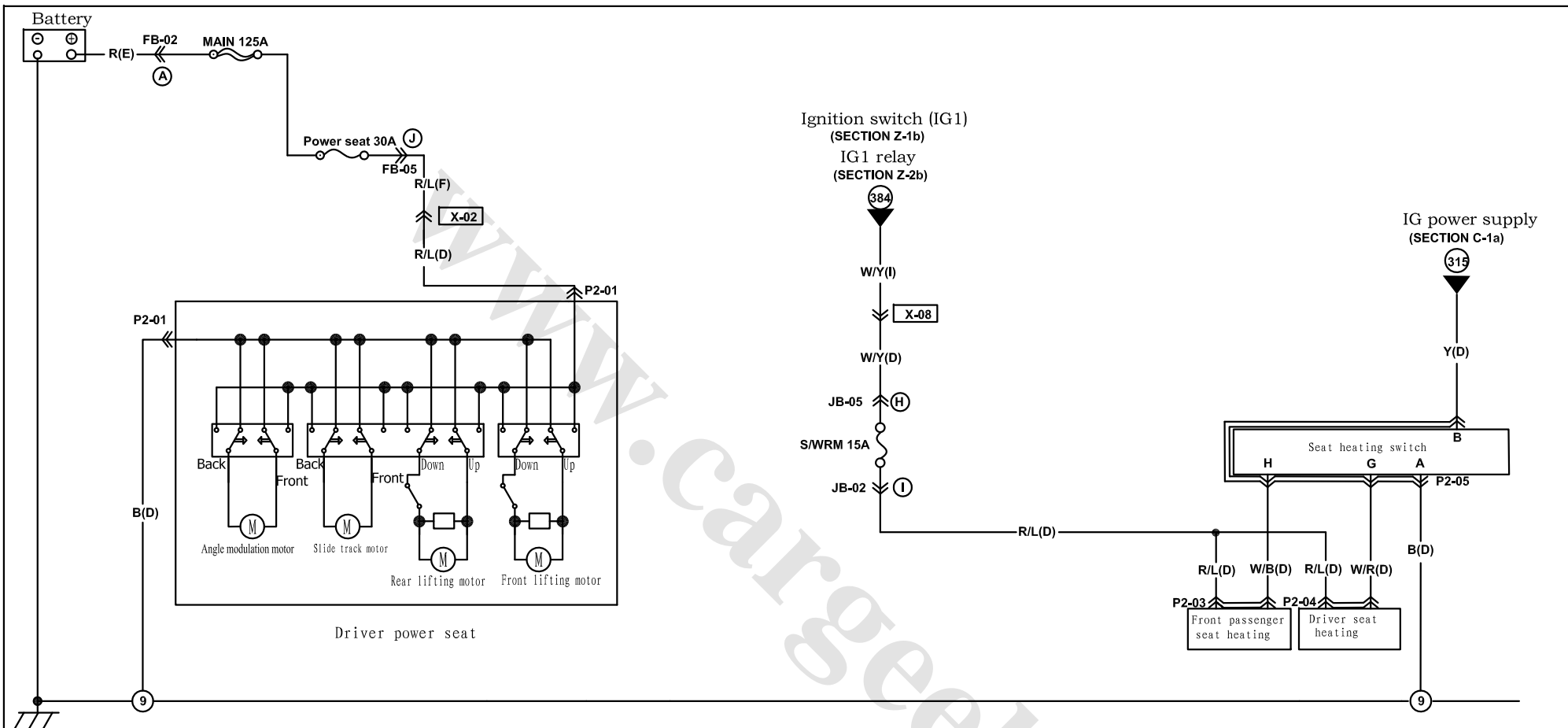
N1-03 PEPS relay box (I)



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

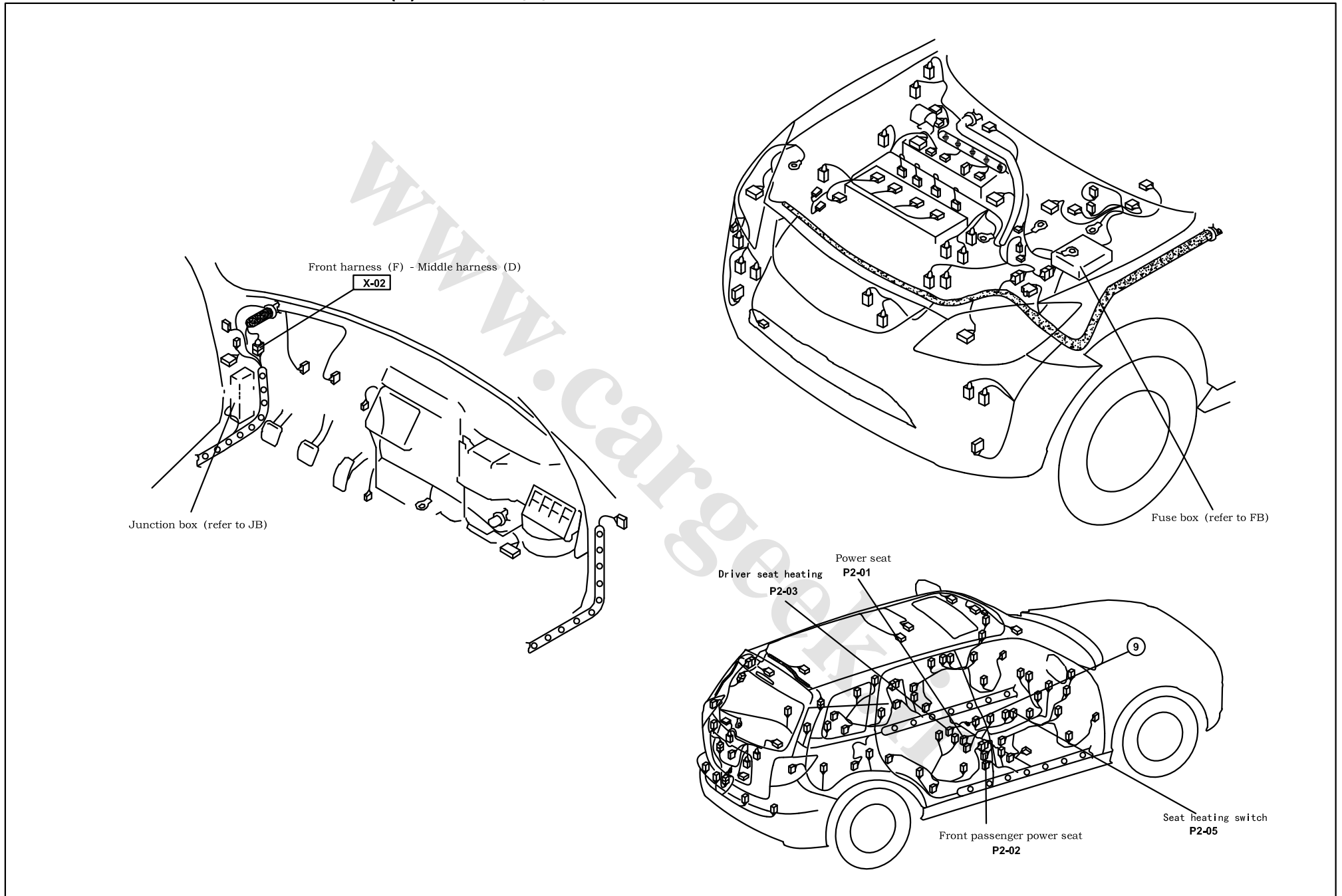


Power seat and seat heating

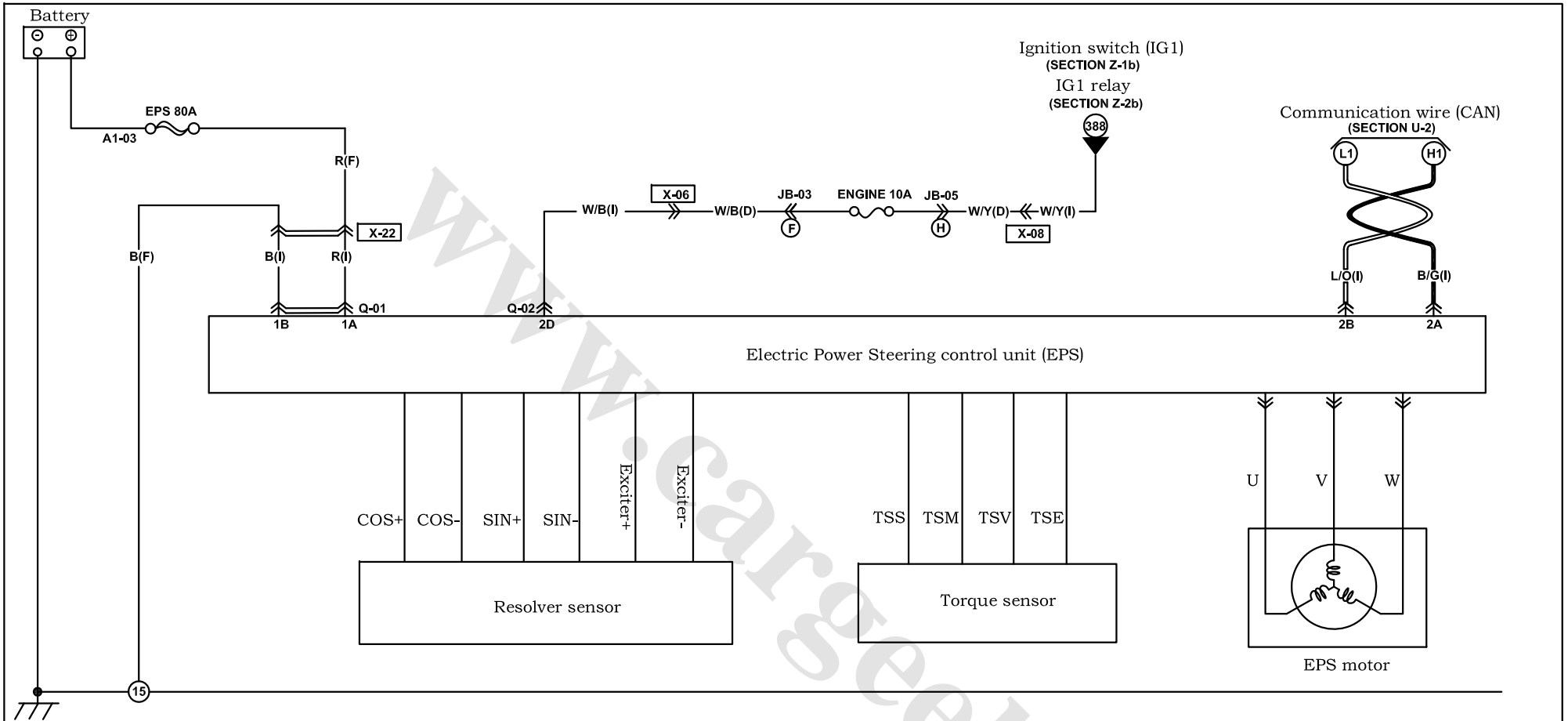


<p>P2-01 Driver power seat (D)</p>		<p>P2-05 Seat heating switch (D)</p>				
<p>P2-03 Driver seat heating (D)</p>	<p>P2-04 Front passenger seat heating (D)</p>					

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



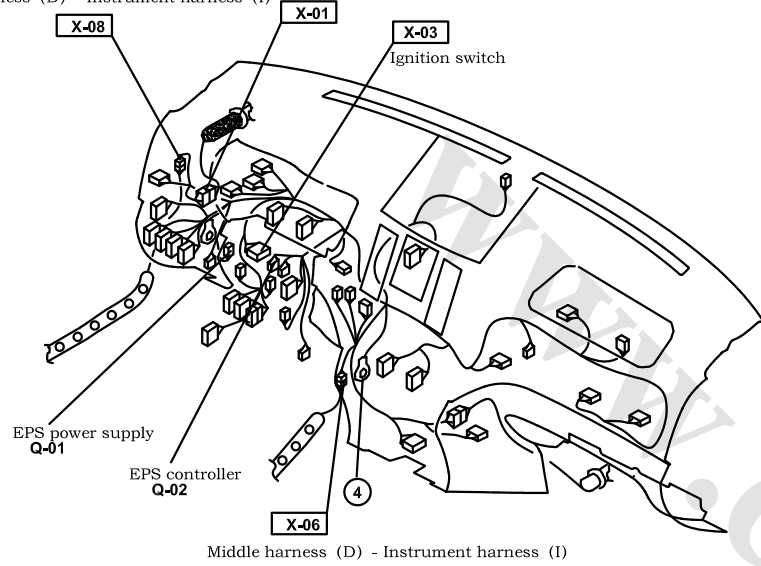
Electric Power Steering System (EPS)



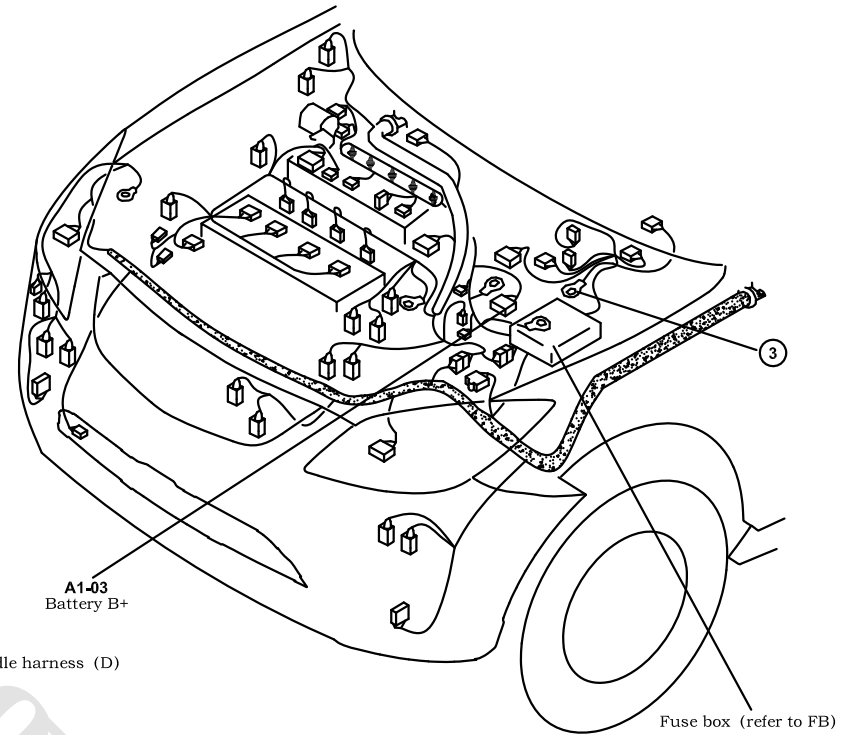
<p>Q-01 EPS power supply (I)</p>	<p>Q-02 EPS controller (I)</p>	<p>A1-03 Battery B+ (E)</p>				
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Harness mark:  (F)  (E)  (D)  (R)

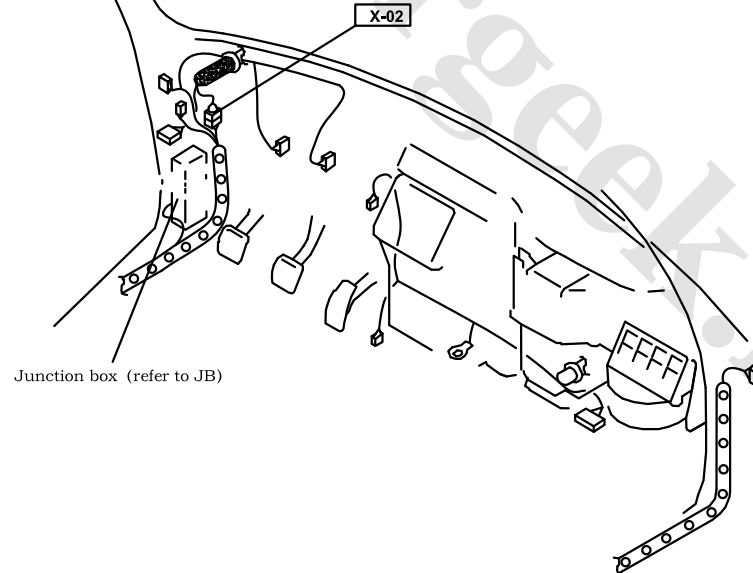
Front harness (F) - Instrument harness (I)
Middle harness (D) - Instrument harness (I)



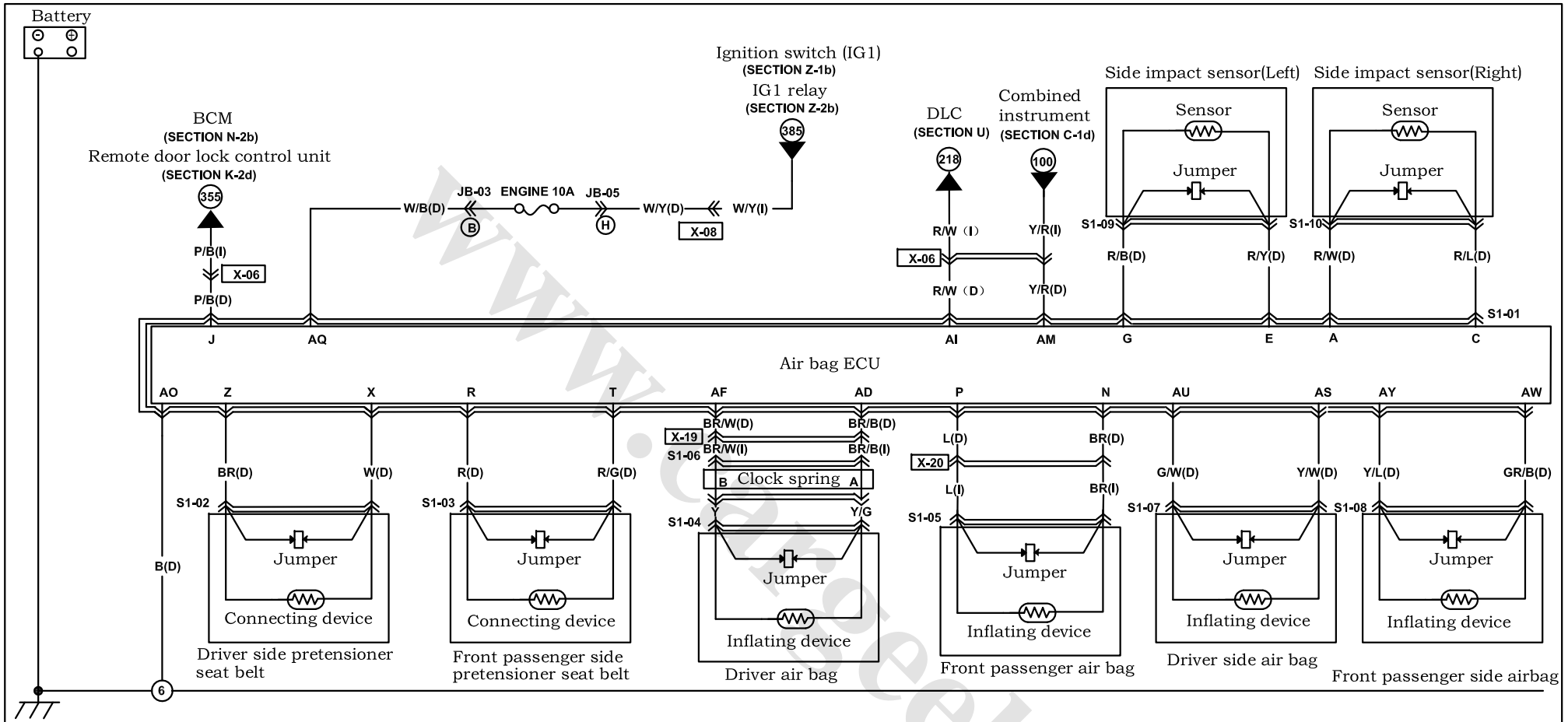
Middle harness (D) - Instrument harness (I)



Front harness (F) - Middle harness (D)

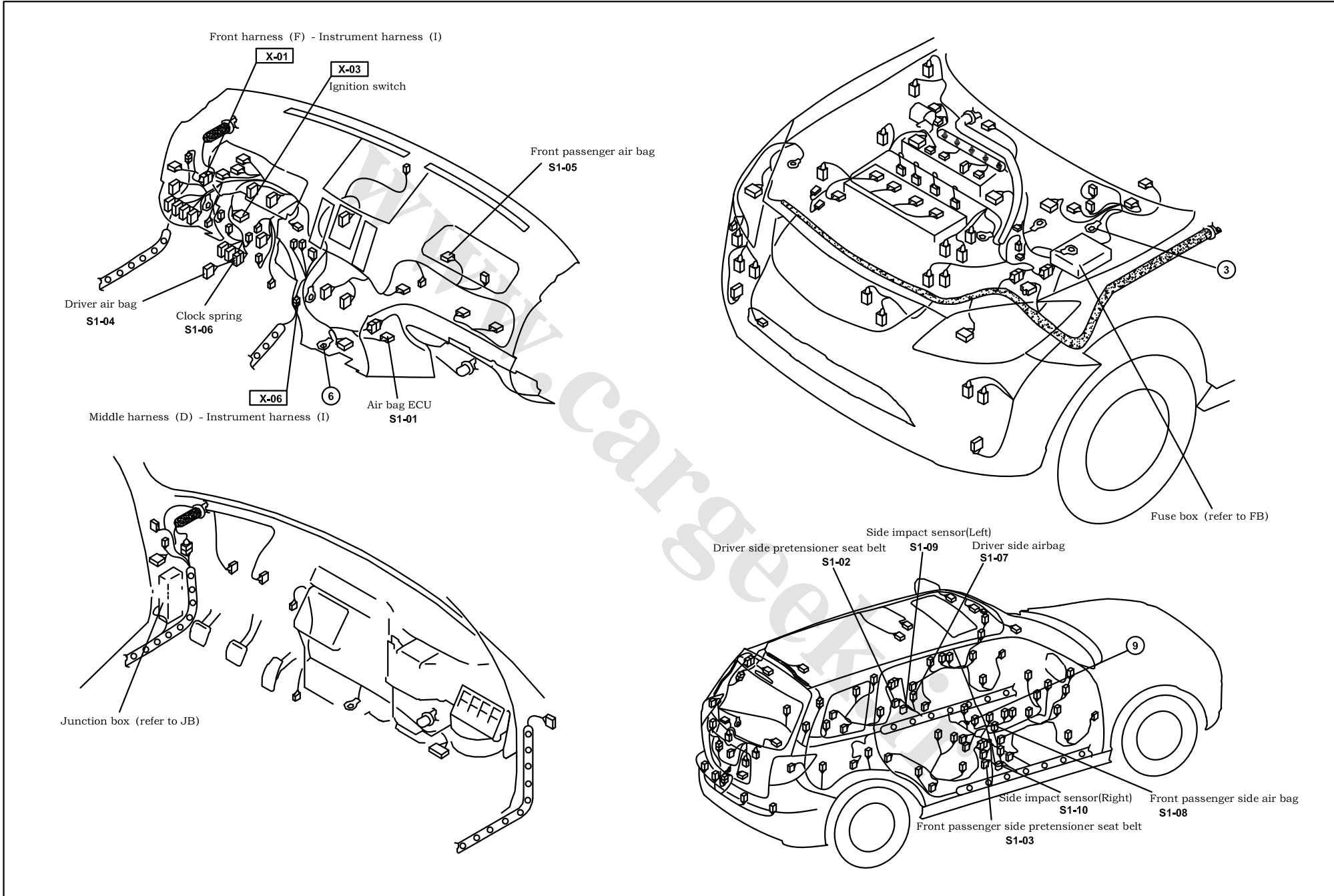


Air bag/seat belt pretensioner system

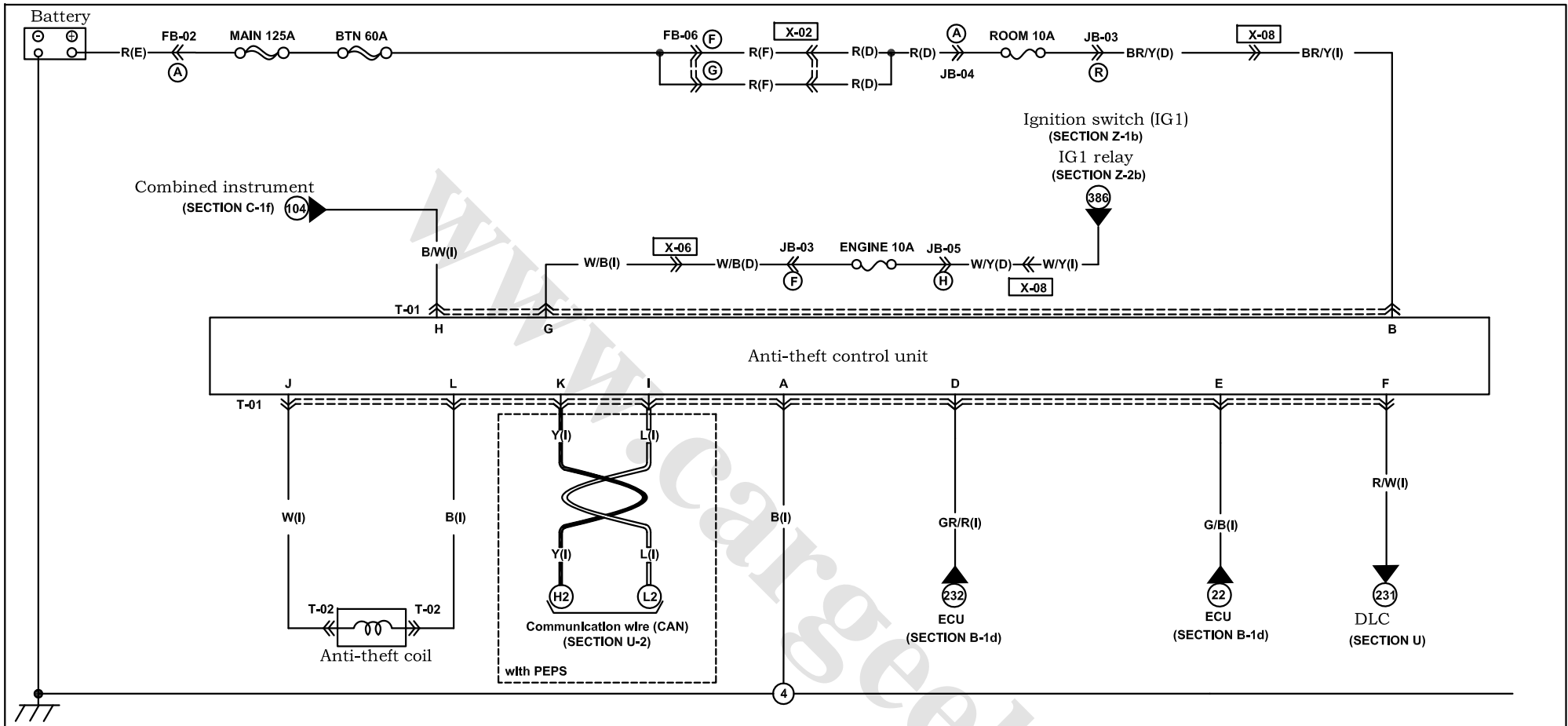


S1-01 Air bag ECU (D)																() With side air bag								
AV																A								
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	{R/B}	{R/Y}	{R/L}	{R/W}					
{Y/L}	{GR/B}	{G/W}	{Y/W}	W/B	B	Y/R	*	R/W	BR/W	BR/B	*	BR	W	*	R/G	R	L	BR	*	P/B	*	*	*	*
AY																B								
S1-02 Driver side pretensioner seat belt (D)				S1-03 Front passenger pretensioner seat belt (D)				S1-04 Driver air bag(I)				S1-05 Front passenger air bag(I)												
S1-07 Driver side air bag (D)				S1-08 Front passenger side air bag (D)				S1-09 Side impact sensor(Left)(D)				S1-10 Side impact sensor(Right)(D)												
S1-06 Clock spring (I)																								
A																D								

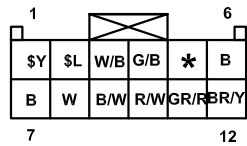
Harness mark:  (F)  (E)  (D)  (R)



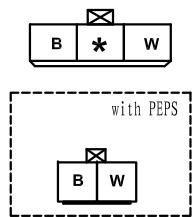
Anti-theft system



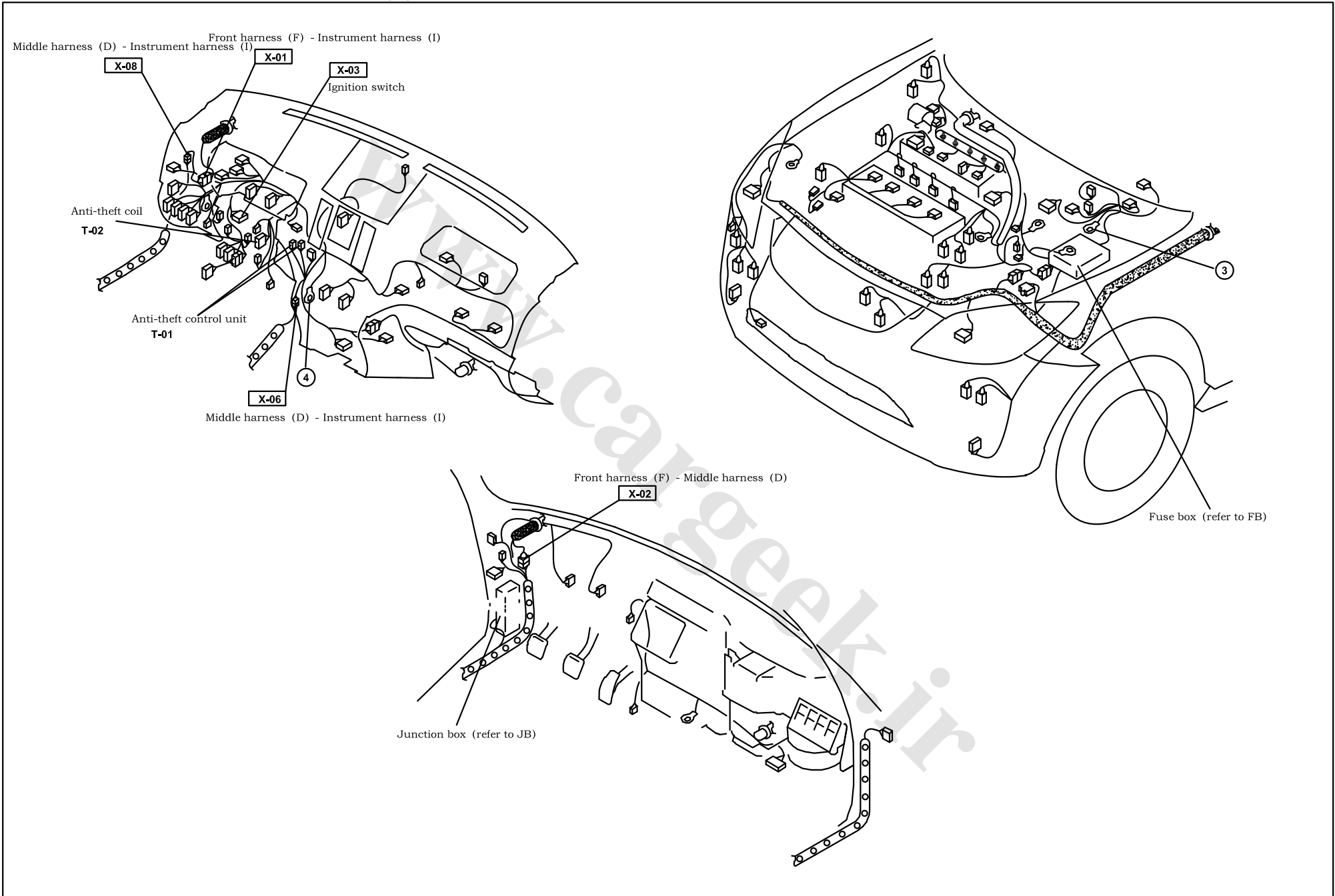
T-01 Anti-theft control unit (I)



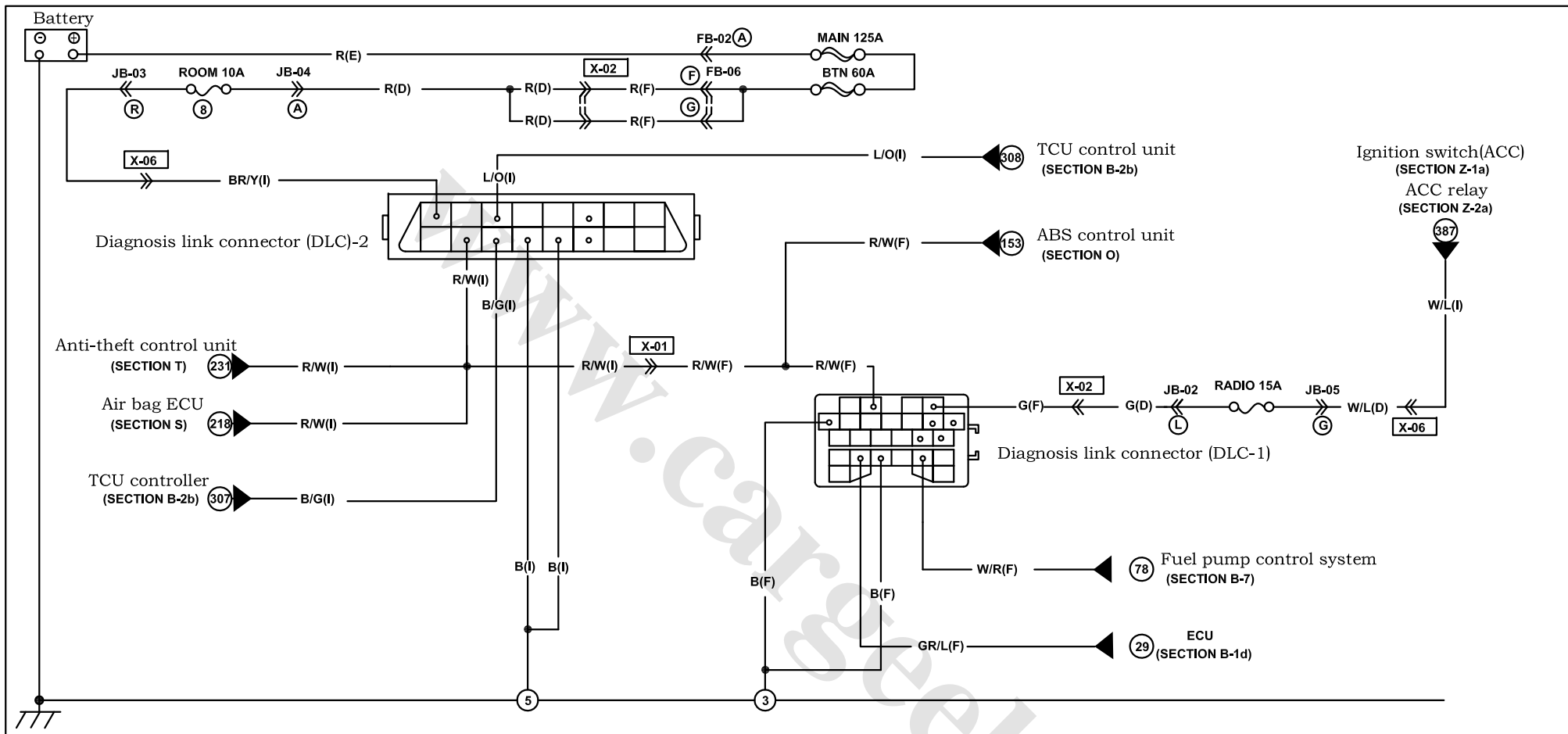
T-02 Anti-theft coil (I)



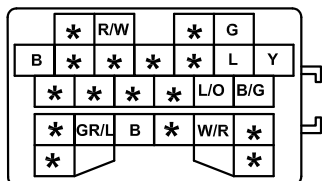
Harness mark:  (F)  (E)  (D)  (R)



Diagnosis link connector (DLC)

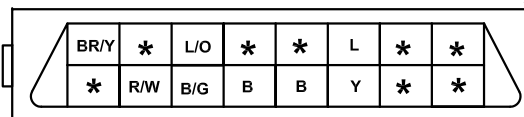


U-01 Diagnosis link connector (DLC)(EM)

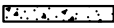


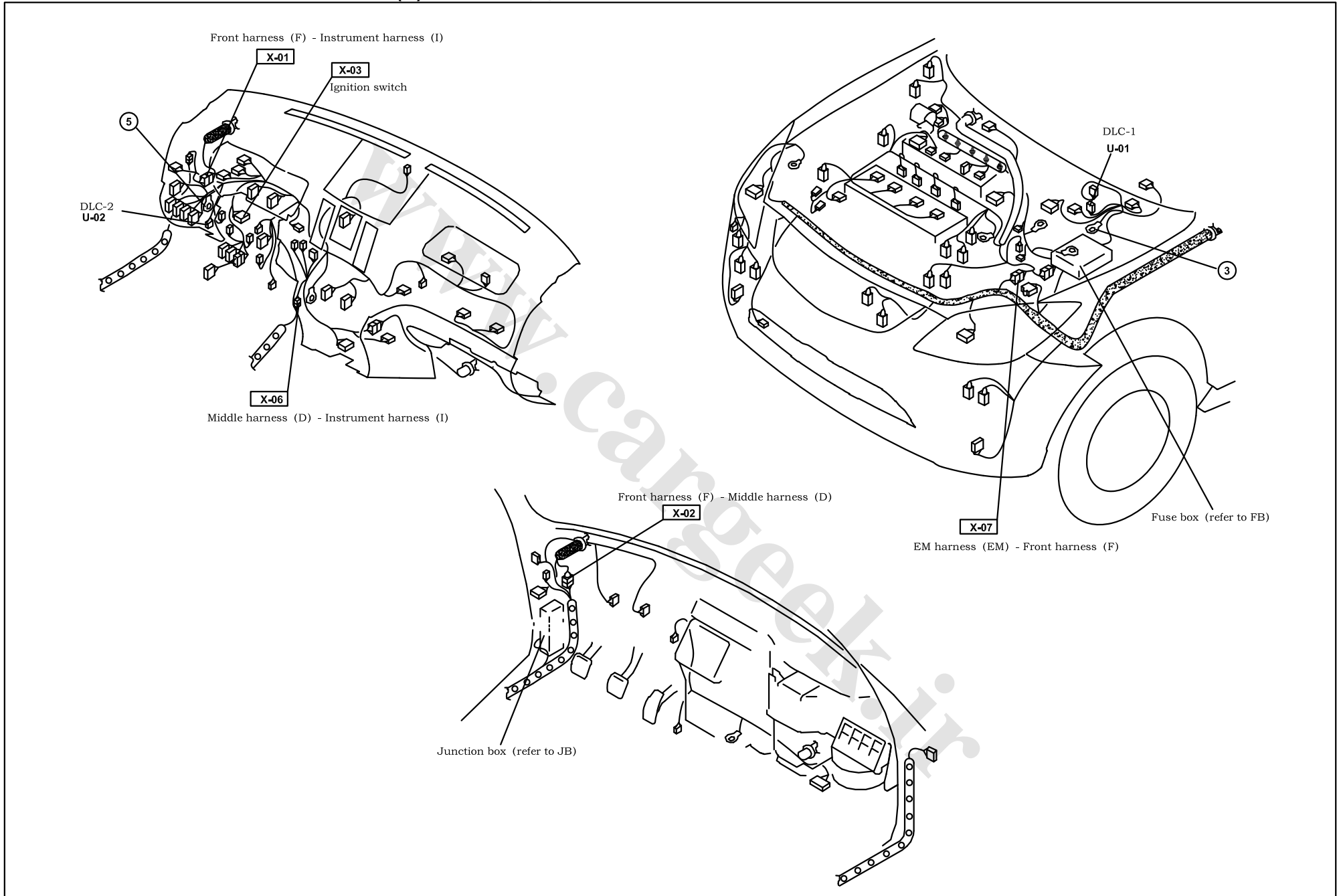
Note: view from the harness terminal

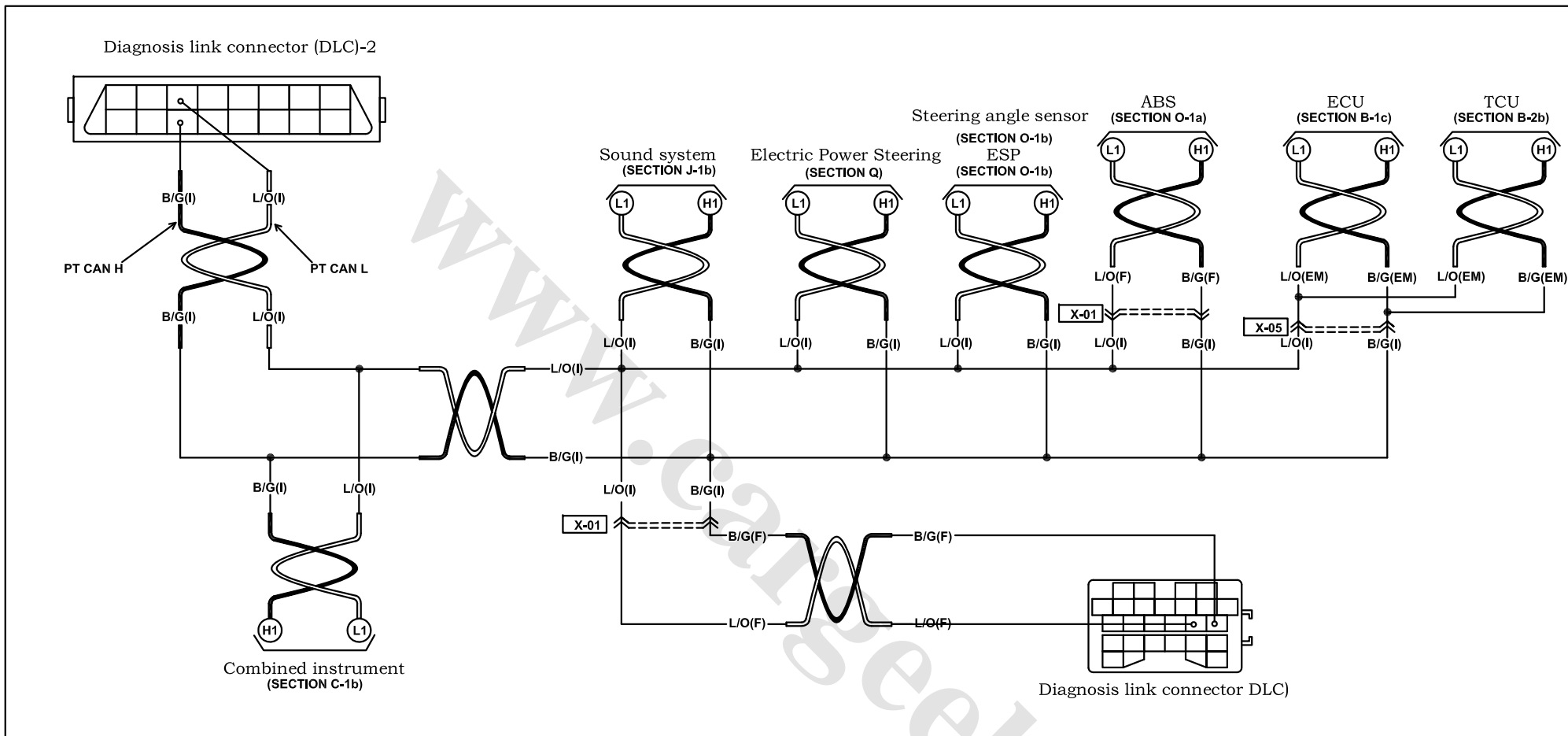
U-02 Diagnosis link connector (DLC)-2(I)



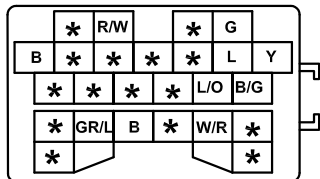
Note: view from the harness terminal

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



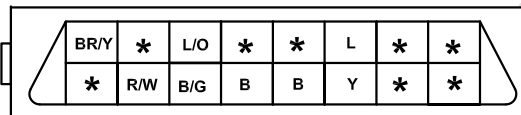


U-01 Diagnosis link connector (DLC)(EM)



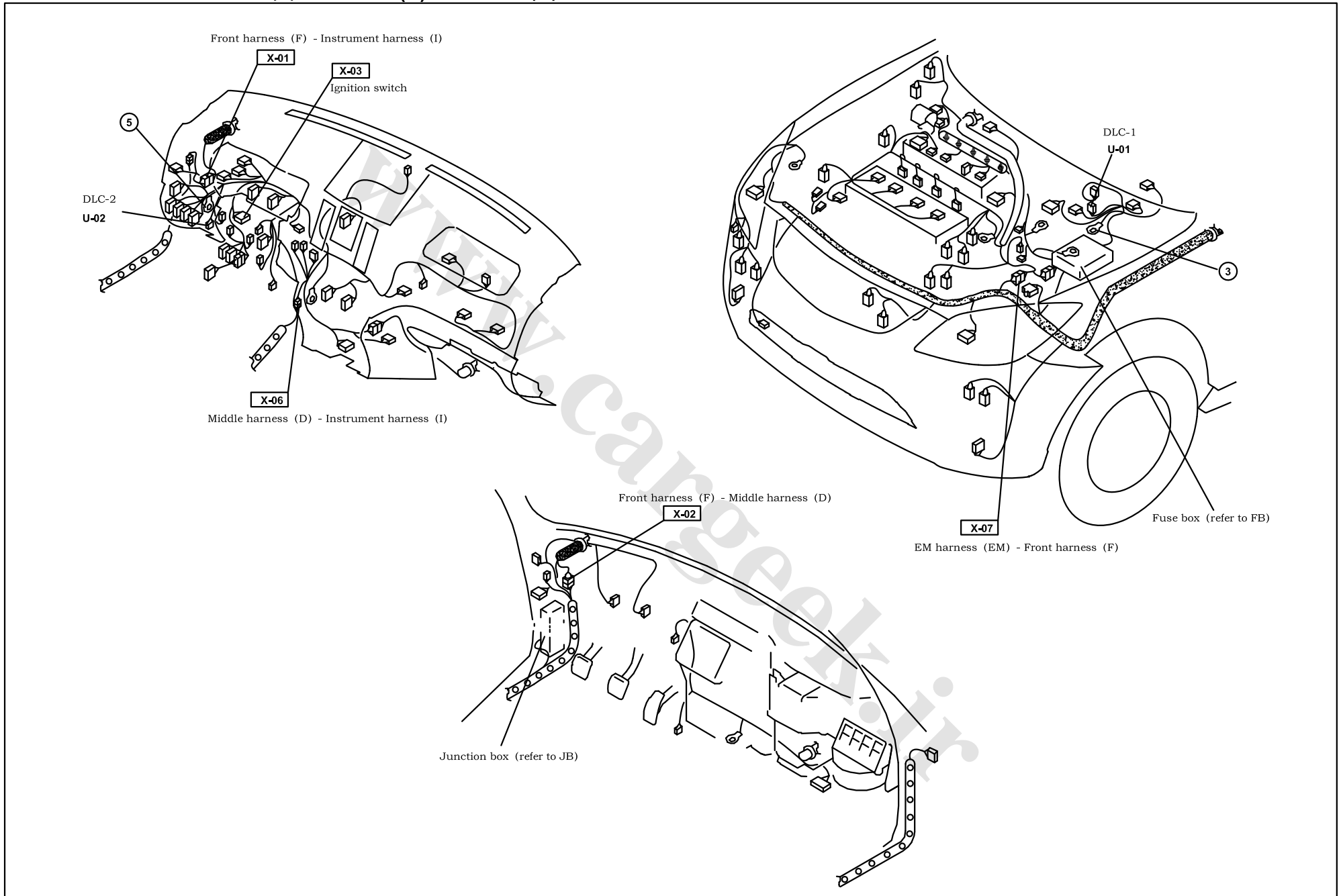
Note: view from the harness terminal

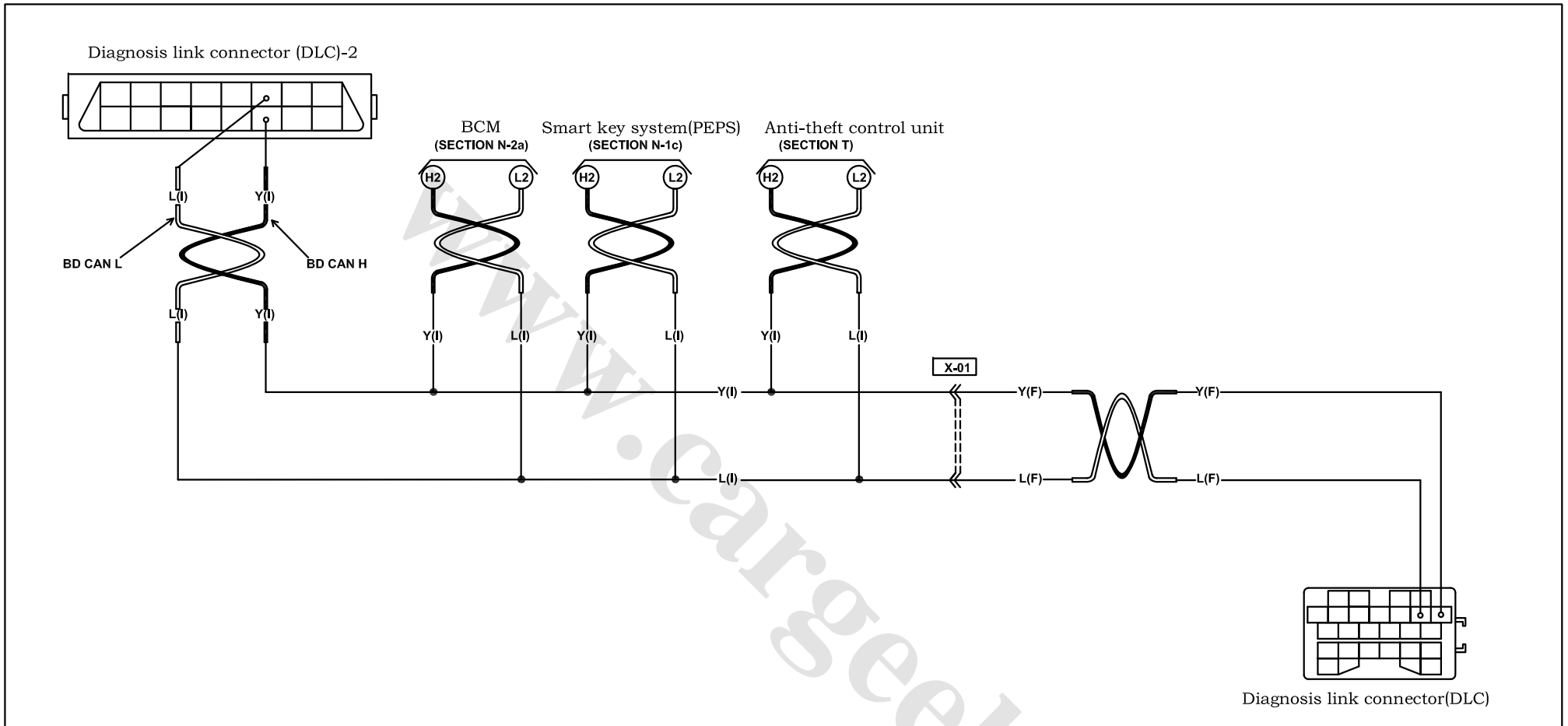
U-02 Diagnosis link connector (DLC)-2(I)



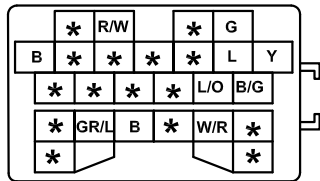
Note: view from the harness terminal

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



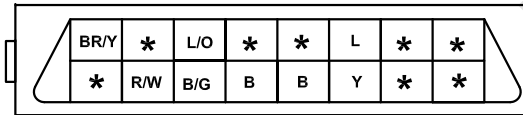


U-01 Diagnosis link connector (DLC)(EM)



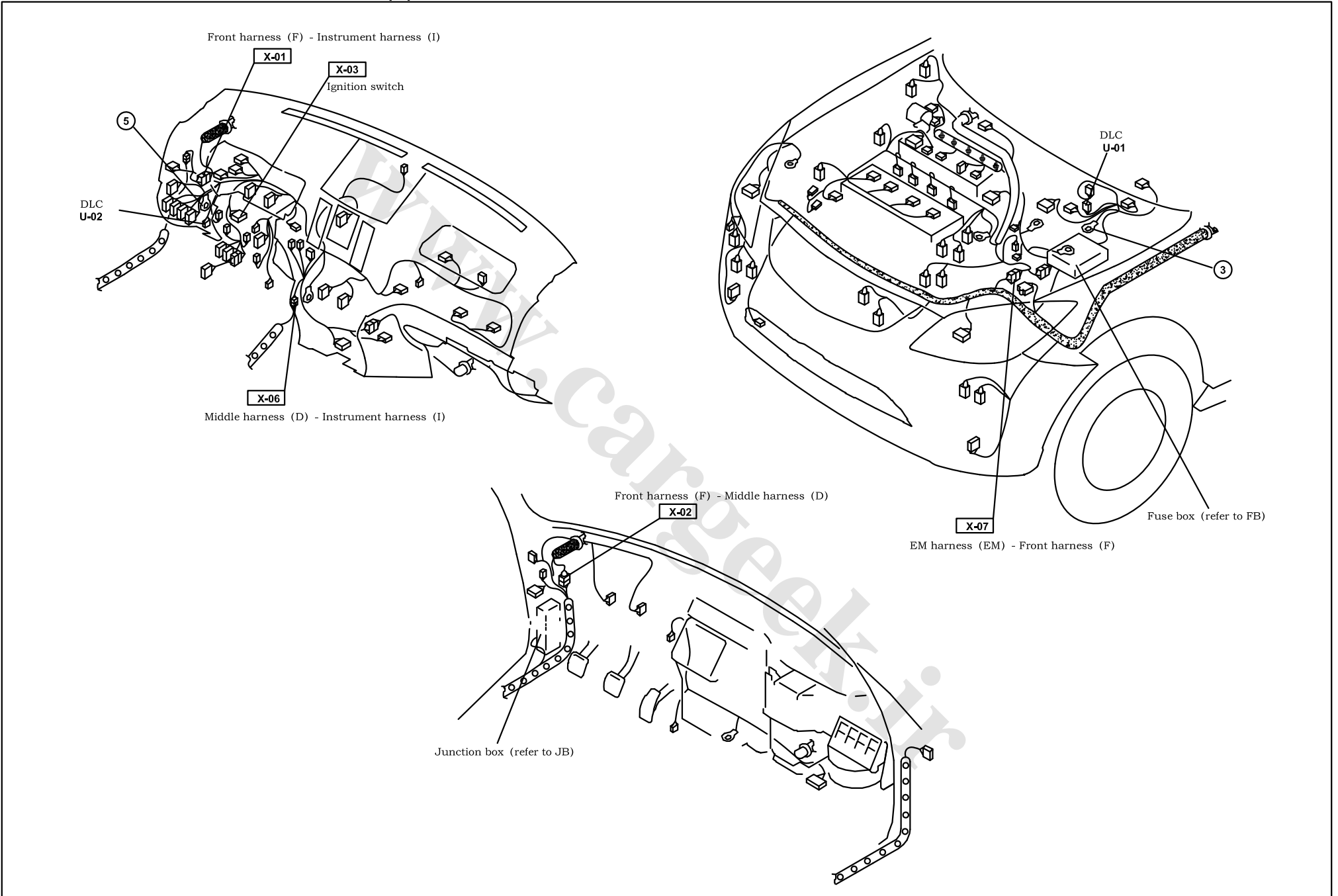
Note: view from the harness terminal

U-02 Diagnosis link connector (DLC)-2(I)

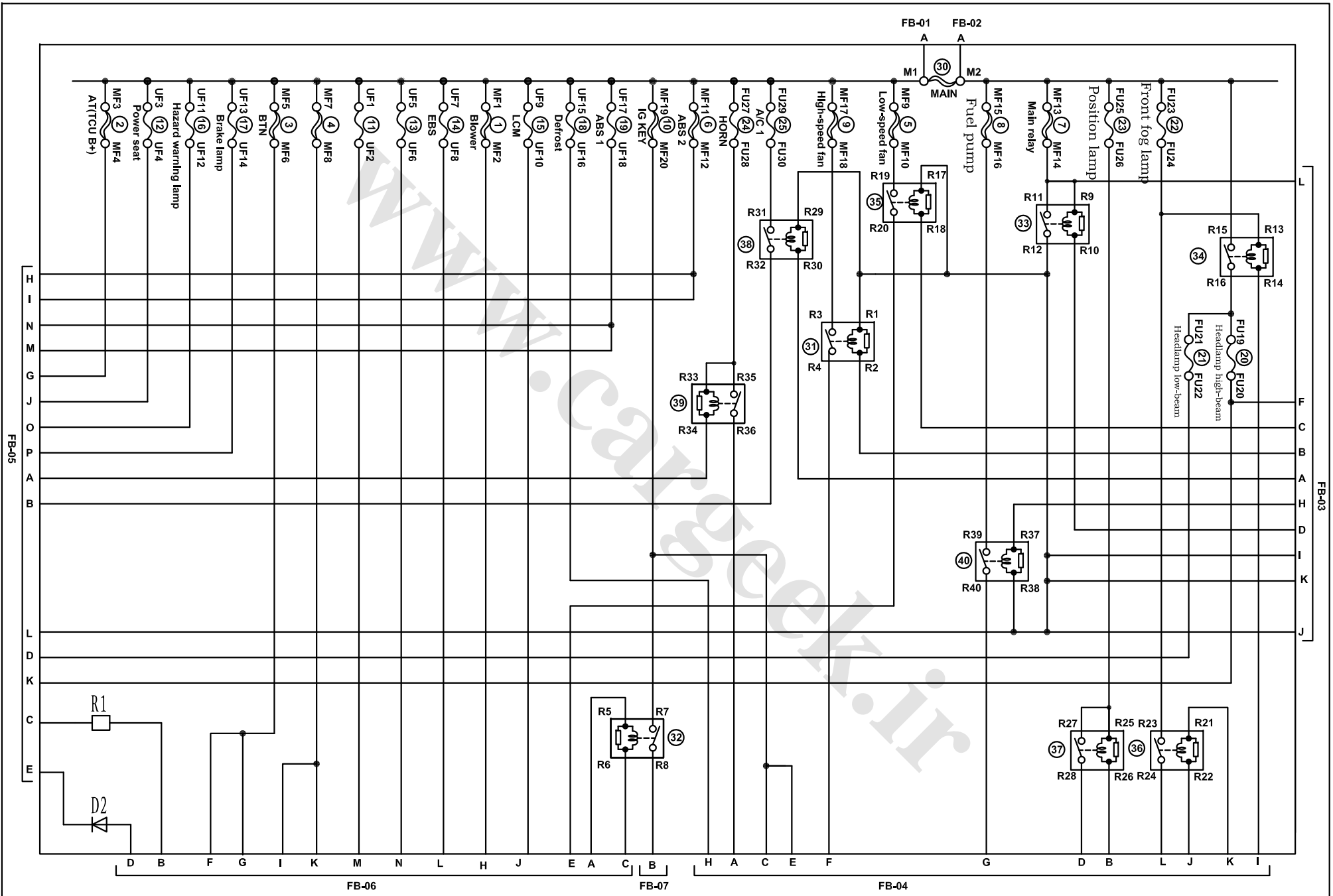


Note: view from the harness terminal

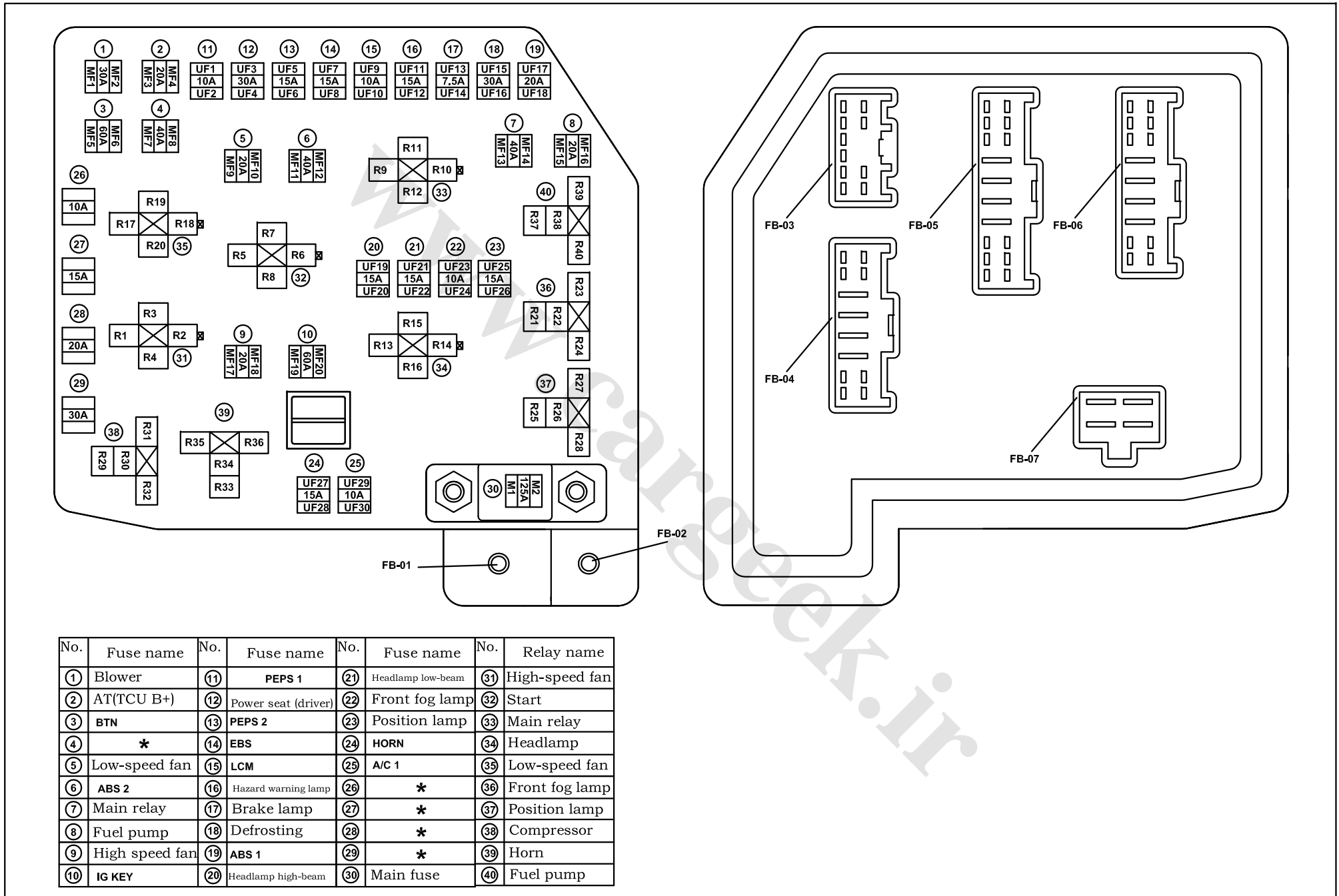
Harness mark:  (F)  (E)  (D)  (R)



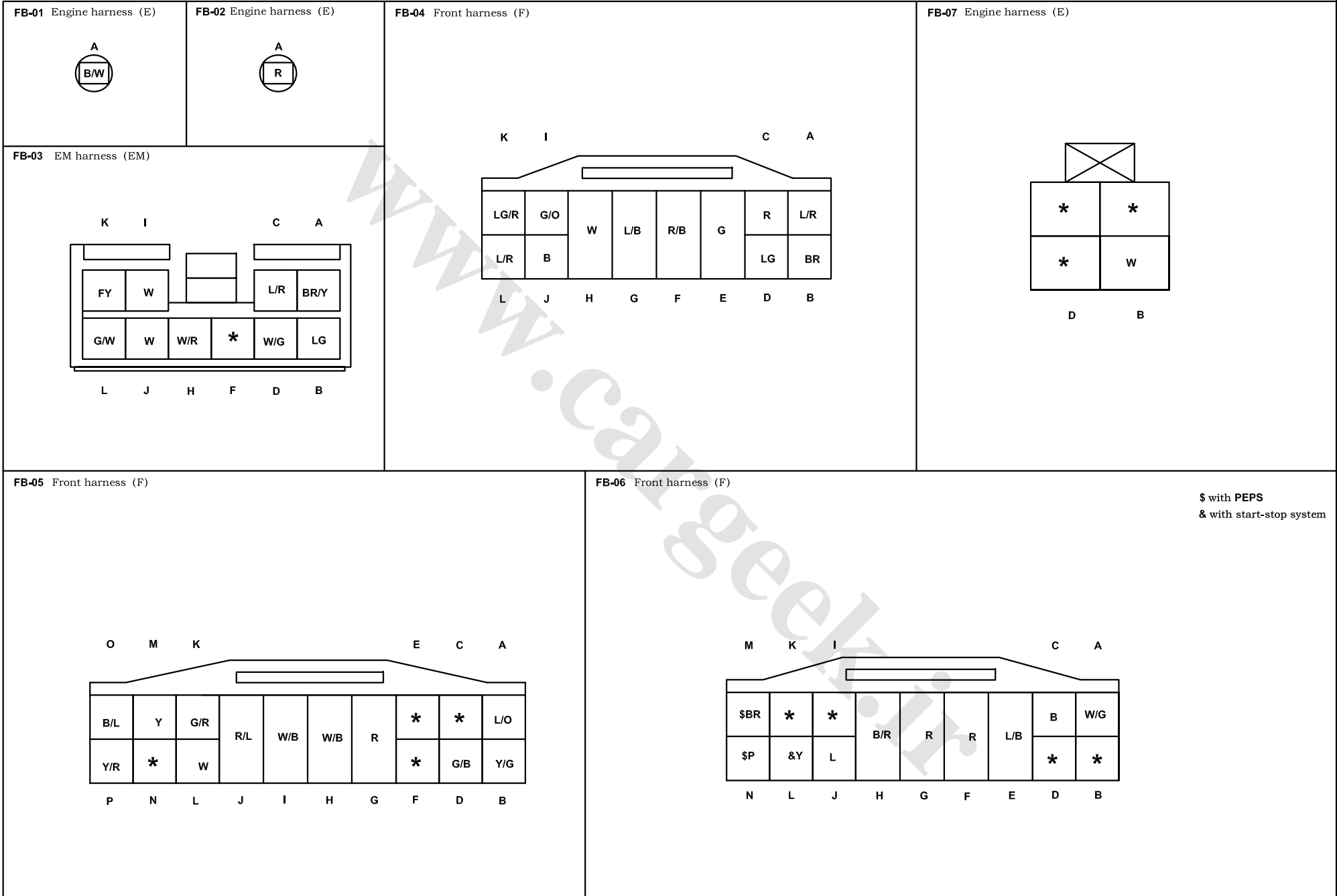
Fuse box wiring diagram



Fuse box



Fuse box



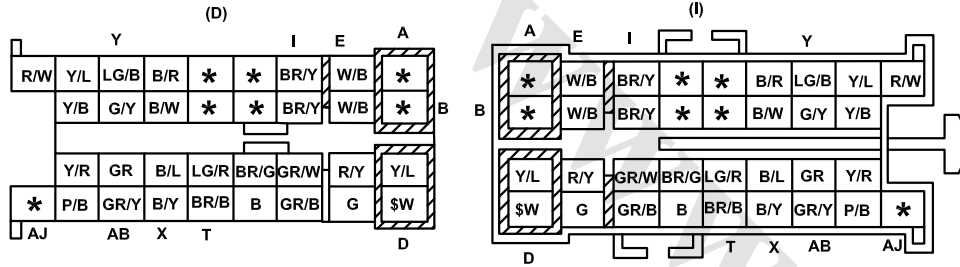
www.cargeek.ir

<p>X-01 Front harness (F) - Instrument harness (I) \$ with PEPS</p> <p>(F) (I)</p>	<p>X-02 Front harness (F) - Middle harness (D) () with ESP " " with power seat</p> <p>(D) (F)</p>
<p>X-03 Ignition switch (I) & with start-stop</p> <p>(I)</p>	<p>X-04 Engine harness (E) - EM harness (EM) & with start-stop</p> <p>(EM) (E)</p>
<p>X-05 EM harness (EM) - Instrument harness (I) () with ESP < > with AT \$ with PEPS & with start-stop</p> <p>(EM) (I)</p>	

Common connector list

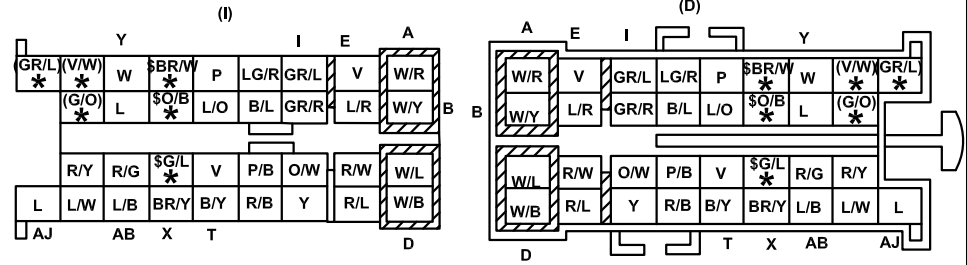
X-06 Instrument harness (I) -Middle harness (D)

\$ with PEPS



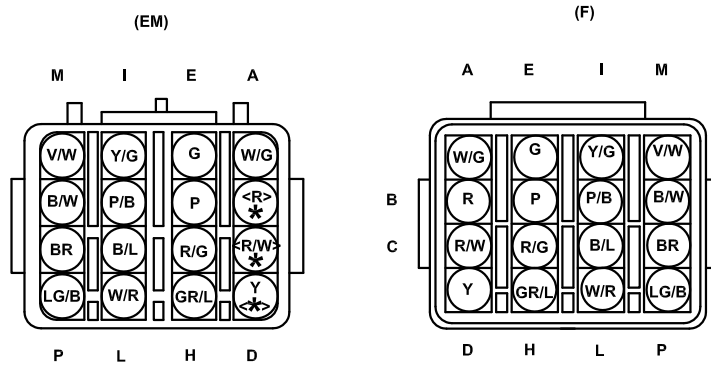
X-08 Middle harness (D) -Instrument harness (I)

() with ESP
\$ with PEPS

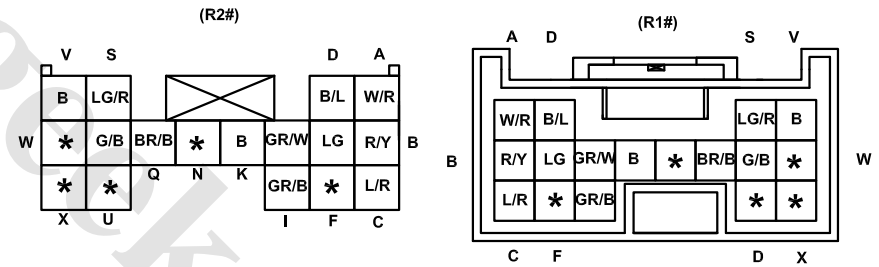


X-07 EM harness (EM) - Front harness (F)

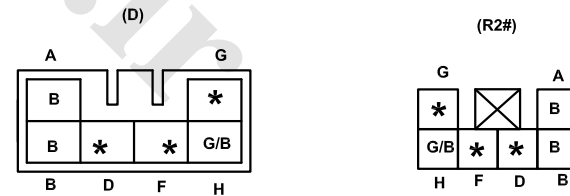
< > with AT



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

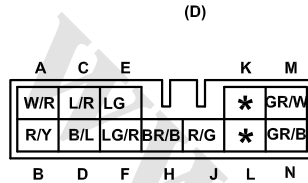
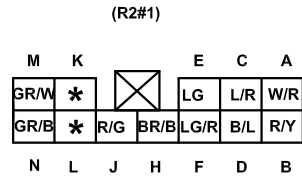


X-10 Middle harness (D) - 2# back door harness (R2#)



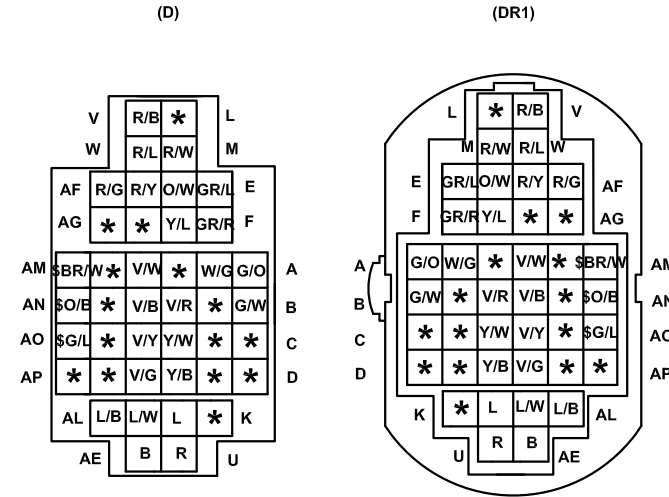
Common connector list

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



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

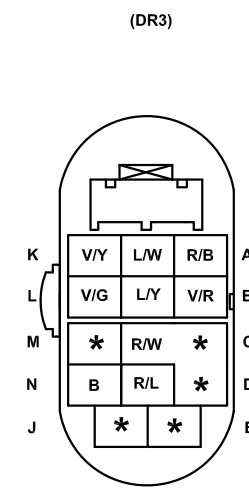
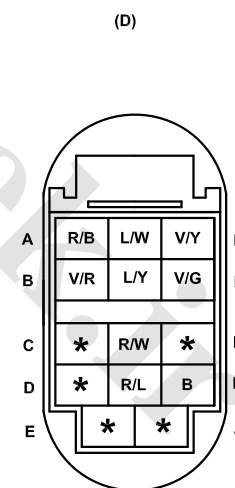
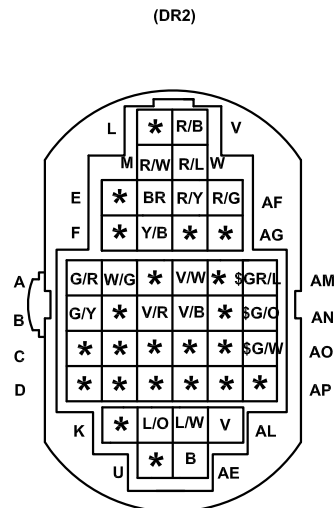
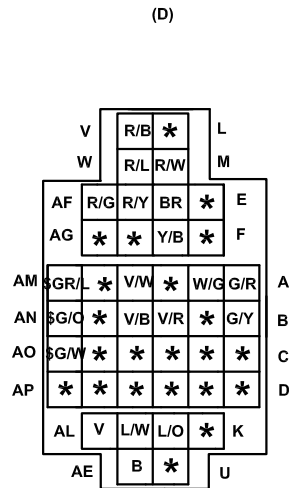
\$ with PEPS



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

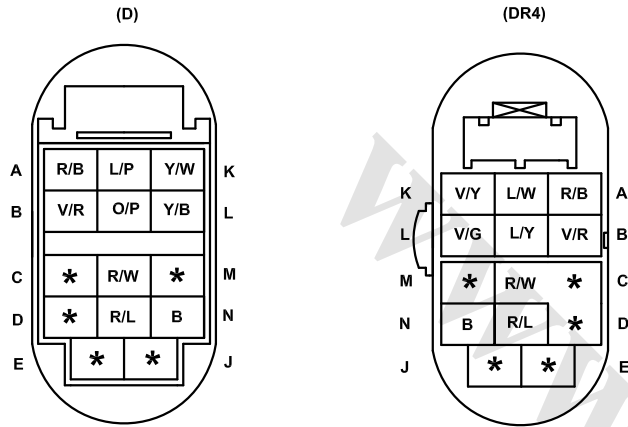
\$ with PEPS

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

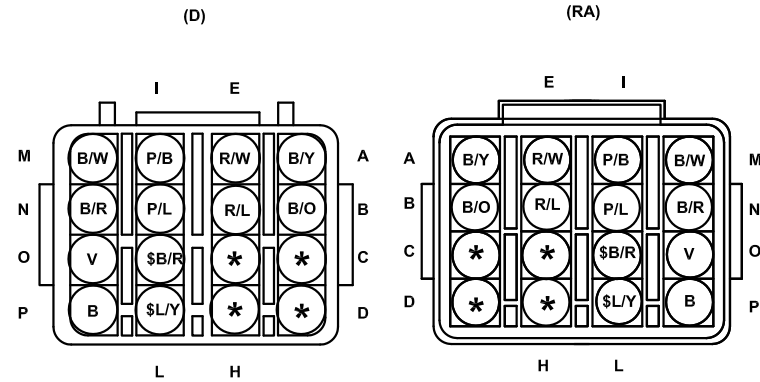


Common connector list

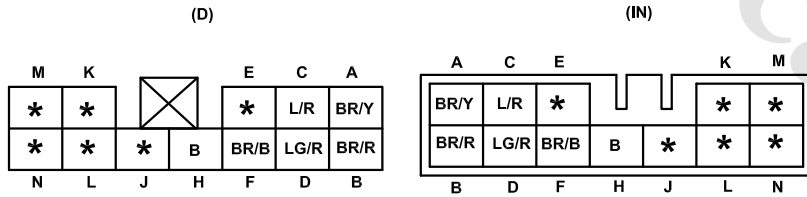
X-15 Middle harness (D) -Rear right door harness (DR4)



X-16 Middle harness (D) - Reversing radar harness (RA)



X-17 Middle harness (D) -Interior harness (IN)



X-19 Middle harness (D) -Instrument harness (I)

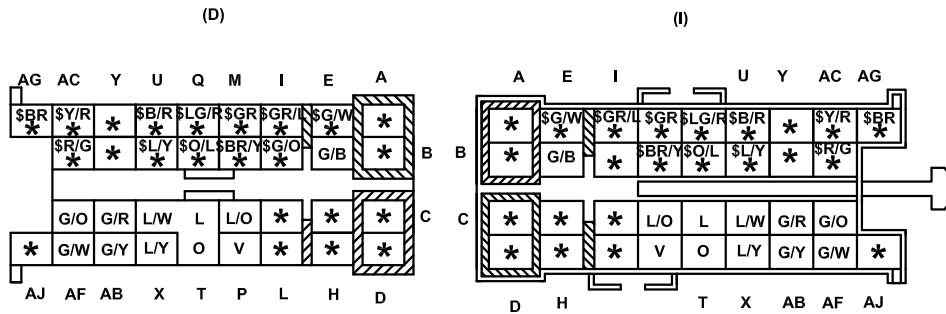


X-20 Middle harness (D) -Instrument harness (I)

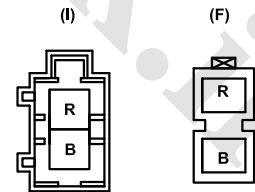


X-21 Middle harness (D) -Instrument harness (I)

\$ with PEPS

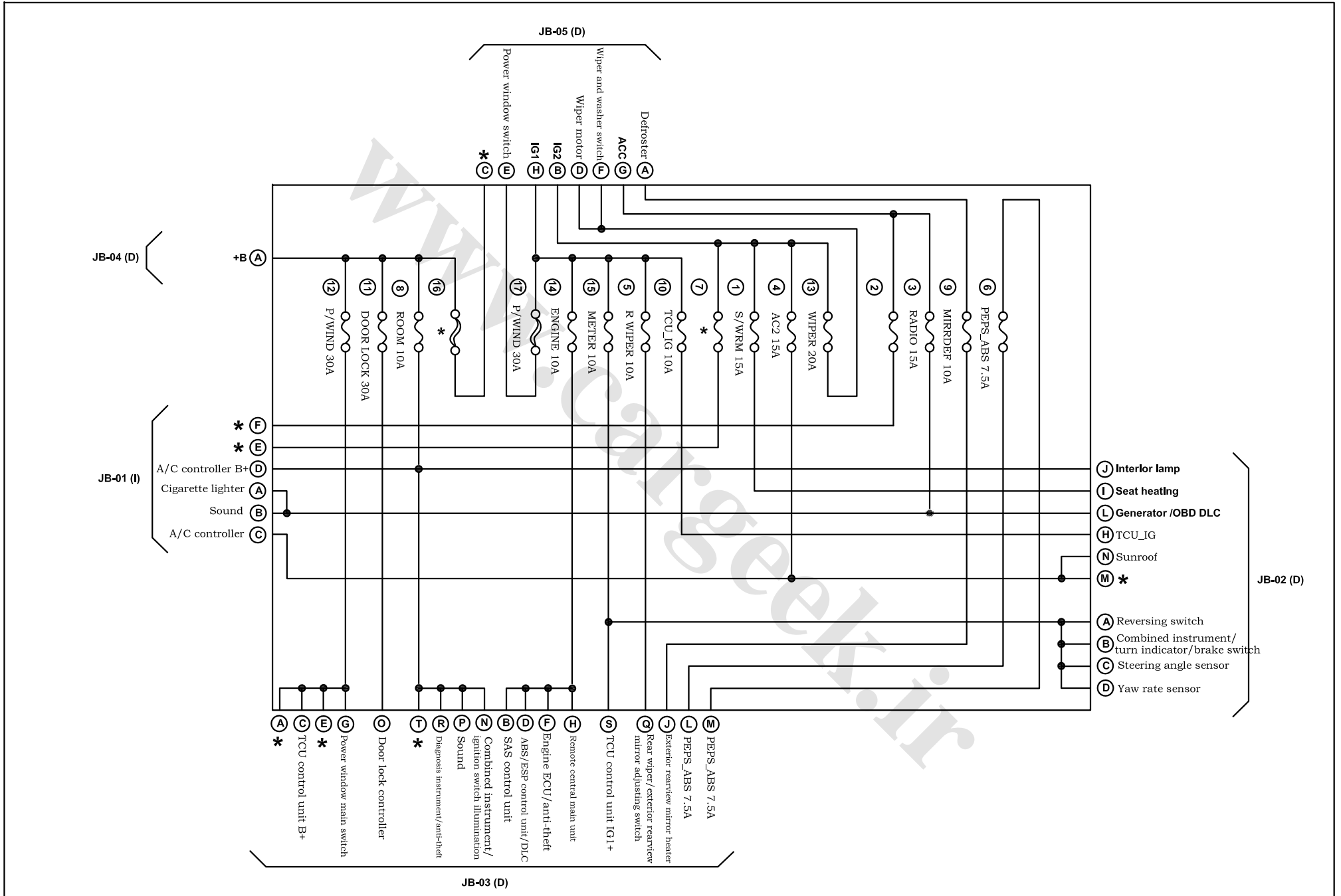


X-22 Instrument harness (I) -Front harness (F)



Junction box wiring diagram

JB



Junction box

