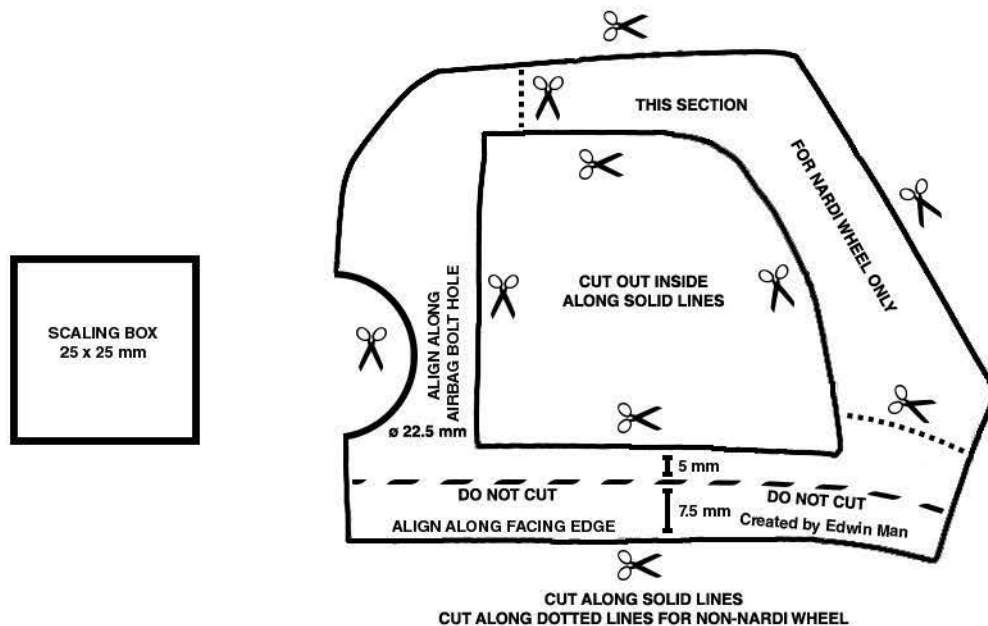


Cutting Template For:
2001-2003 Mazda 323 / Etude / Familia / Protegé
1999-2002 Mazda 626 / Capella
1998-2005 Mazda MX-5 / Miata / Roadster
1999-2002 Mazda RX-7
2000-2002 Mazda Demio
2001-2004 Mazda Premacy
Factory 3 Spoke Steering Wheel
Cruise Control / Audio Control Switch

BN5V-66-3D1

BL2C-66-4M0



DO NOT USE PRINT SCALING!!!


Screw kit BN5V-32-750 required to mount BN5V-66-3D1 or BL2C-66-4M0 switches




CRUISE CONTROL SYSTEM

CRUISE CONTROL SWITCH INSPECTION

A3U012068341W02

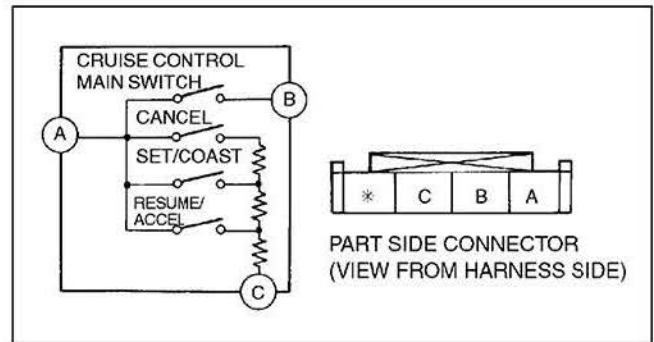
1. Disconnect the negative battery cable.
2. Remove the driver-side air bag module. (See 08-10-5 DRIVER-SIDE AIR BAG MODULE REMOVAL/ INSTALLATION.)
3. Disconnect the cruise control switch connector.
4. Measure the resistance and inspect for continuity between the cruise control switch terminals using an ohmmeter.

○—○ : Continuity ○○ : Resistance

Switch position	Terminal		
	A	B	C
Cruise control main switch at ON position	○—○		
RESUME/ACCEL switch hold at on	○—○	○  ○	○ R ₁
SET/COAST switch hold at on	○—○	○  ○	○ R ₂
CANCEL switch hold at on	○—○	○  ○	○ R ₃
Other			

R₁ : Approx. 68 ohms R₂: Approx. 198 ohms
R₃: Approx. 418 ohms

Z3U0120W005



Y3U120WA4

1999 - 2000 323

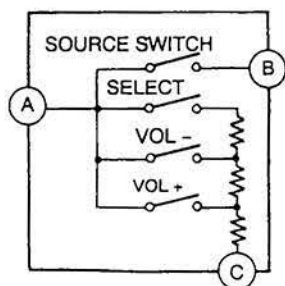
AUDIO CONTROL LEVER INSPECTION

1. Disconnect the negative battery cable.
2. Remove the driver-side air bag module. (Refer to AIR BAG SYSTEM, DRIVER-SIDE AIR BAG MODULE REMOVAL/INSTALLATION.)
3. Disconnect the audio control lever connector.
4. Measure the resistance and inspect for continuity between the audio control lever terminals using an ohmmeter.

○—○ : Continuity ○ Ω ○ : Resistance

Switch position	Terminal		
	A	B	C
SOURCE switch hold at on	○—○	○—○	
SELECT switch hold at on	○—○		○—○
VOL+ switch hold at on	○—○	○ Ω ○	○—○ R ₁
VOL- switch hold at on	○—○	○ Ω ○	○—○ R ₂
Neutral			

R₁: Approx. 240 Ω R₂: Approx. 910 Ω



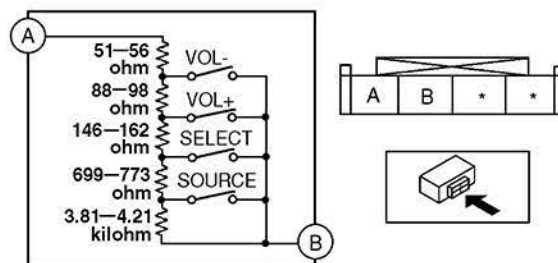
5. If not as specified, replace the audio control lever.

2001 - 2003 323

AUDIO CONTROL LEVER INSPECTION

ZPA812400148W01

1. Measure the resistance and inspect for continuity between the audio control lever terminals using an ohmmeter.



ZPA8124W206

- If not as specified, replace the audio control lever.

○ Ω ○ : Resistance

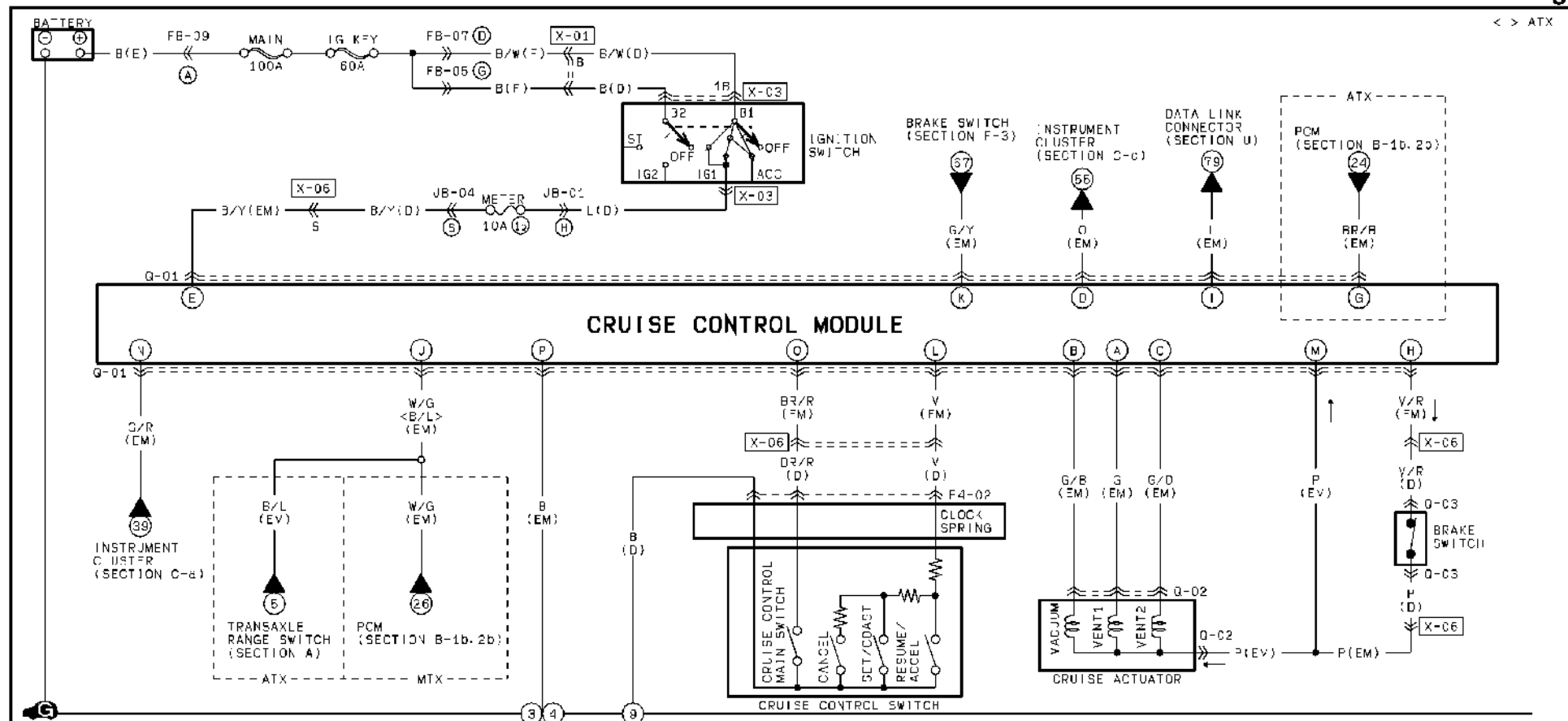
Switch position	Terminal	
	A	B
SOURCE switch hold at on	○—○	○—○ R ₁
SELECT switch hold at on	○—○	○—○ R ₂
VOL+ switch hold at on	○—○	○—○ R ₃
VOL- switch hold at on	○—○	○—○ R ₄
Neutral	○—○	○—○ R ₅

R₁: 0.99—1.09 kilohm R₂: 285—316 ohm R₃: 139—154 ohm
R₄: 51—56 ohm R₅: 4.80—5.30 kilohm

ZPA8124W207

CRUISE CONTROL SYSTEM

1999 - 2000 Protegé



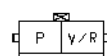
3-01 CRUISE CONTROL MODULE(EM)

O	M	K	I	G	E	C	A
BR/R	P	G/Y	-	* <BR/R>	B/Y	G/D	3
B	G/R	V	W/G <B/L>	Y/R	*	Q	G/3
P	N	L	J	I	F	D	B

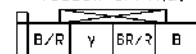
3-02 CRUISE ACTUATOR(EM)



3-03 BRAKE SWITCH(D)

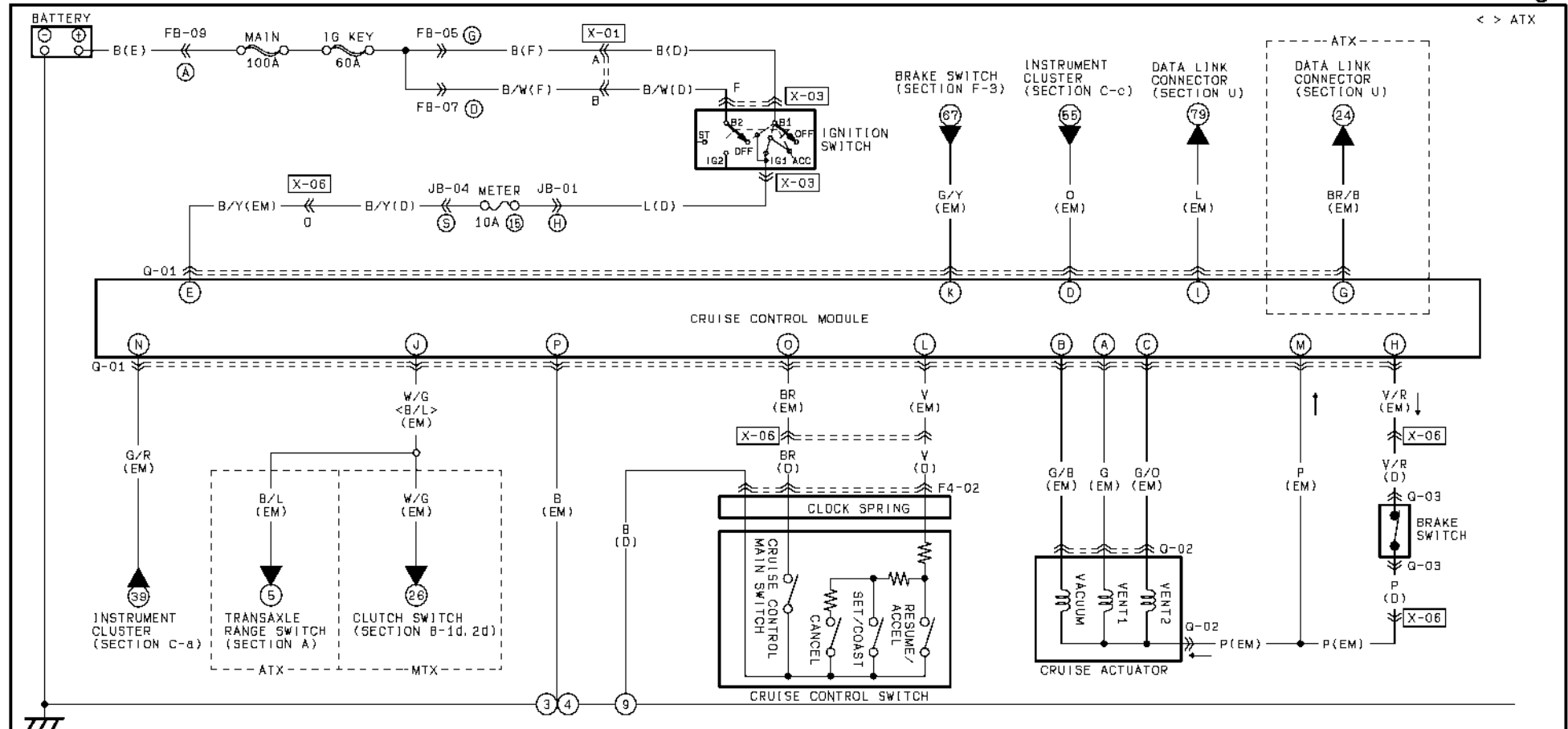




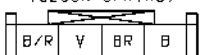
F4-02 CRUISE CONTROL SWITCH(D) (CLOCK SPRING)



CRUISE CONTROL SYSTEM

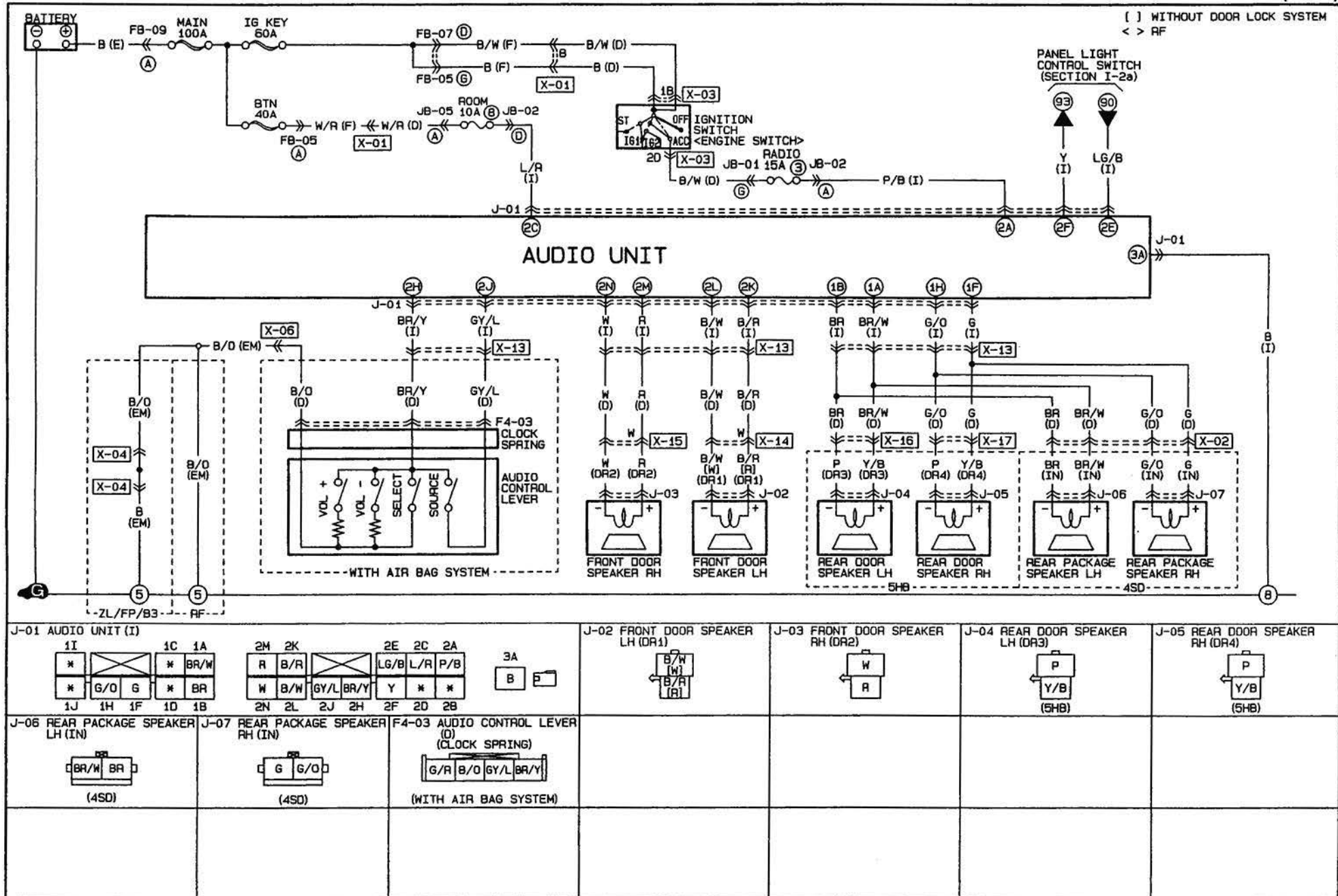
2001 - 2003 Protegé



Q-01 CRUISE CONTROL MODULE(EM)	Q-02 CRUISE ACTUATOR(EM)	Q-03 BRAKE SWITCH(D)	F4-02 CRUISE CONTROL SWITCH(D) (CLOCK SPRING)																																		
<table><tr><td>O</td><td>M</td><td>K</td><td>I</td><td>G</td><td>E</td><td>C</td><td>A</td></tr><tr><td>BR</td><td>P</td><td>G/Y</td><td>L</td><td>* <BR/B></td><td>B/Y</td><td>G/O</td><td>G</td></tr><tr><td>B</td><td>G/R</td><td>Y</td><td>W/G <B/L></td><td>V/R</td><td>*</td><td>O</td><td>G/B</td></tr><tr><td>P</td><td>N</td><td>L</td><td>J</td><td>H</td><td>F</td><td>D</td><td>B</td></tr></table>	O	M	K	I	G	E	C	A	BR	P	G/Y	L	* <BR/B>	B/Y	G/O	G	B	G/R	Y	W/G <B/L>	V/R	*	O	G/B	P	N	L	J	H	F	D	B					
O	M	K	I	G	E	C	A																														
BR	P	G/Y	L	* <BR/B>	B/Y	G/O	G																														
B	G/R	Y	W/G <B/L>	V/R	*	O	G/B																														
P	N	L	J	H	F	D	B																														

AUDIO SYSTEM

1999 - 2000 323 (LHD)



[illegible]

BATTERY

B (E) — FB-09 (A) MAIN 100A — BTN 40A — IG KEY 60A — FB-05 (A) — FB-07 (D) — FB-05 (G) — W/R (F) — B/W (F) — B (F) — W/R (D) — B/W (D) — B (D) — JB-05 (A) — JB-02 (D) — ROOM 10A — L/R (I) — X-21 — L/R (I) — J-01 — 2C — AUDIO UNIT — 2A — P/B (I) — X-20 — P/B (I) — JB-02 (A) — JB-05 (G) — RADIO 15A — B/W (D) — 1D — X-01 — 161 — ST — 162 — OFF — ACC — IGNITION SWITCH ENGINE SWITCH-1R

AUDIO UNIT

2L 2K 2M 2N 3A 3B 3F 3H 4A

B/W (I) B/R (I) R (I) W (I) BR/W (I) BR (I) G (I) G/O (I) J-01

B/W (D) B/R (D) R (D) W (D) BR/W (D) BR (D) G (D) G/O (D) X-09

X-12 W (DR2) H (DR2) W (DR1) <B/W> (DR1) BR/W (D) BR (D) G (D) G/O (D) X-13

J-02 J-03 J-04 J-05 J-06 J-07

FRONT DOOR SPEAKER LH FRONT DOOR SPEAKER RH REAR PACKAGE SPEAKER LH REAR DOOR SPEAKER LH REAR DOOR SPEAKER RH REAR PACKAGE SPEAKER RH

4SD 4SD 4SD 4SD 4SD 4SD

5HB

9

J-01 AUDIO UNIT (I)

2M	2K	2E	2C	2A	3I	3C	3A	4A
R	B/R	LG/B	L/R	P/B	*	*	BR/W	B
W	B/W	Y	*	*	G/O	G	BR	
2N	2L	2J	2H	2F	2D	2B		

J-02 FRONT DOOR SPEAKER LH (DR2)

W	R
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J-03 FRONT DOOR SPEAKER RH (DR1)

W	<B/W>	R	<B/R>
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J-04 REAR PACKAGE SPEAKER LH (IN)

BR/W	BR
------	----

J-05 REAR DOOR SPEAKER LH (DR4)

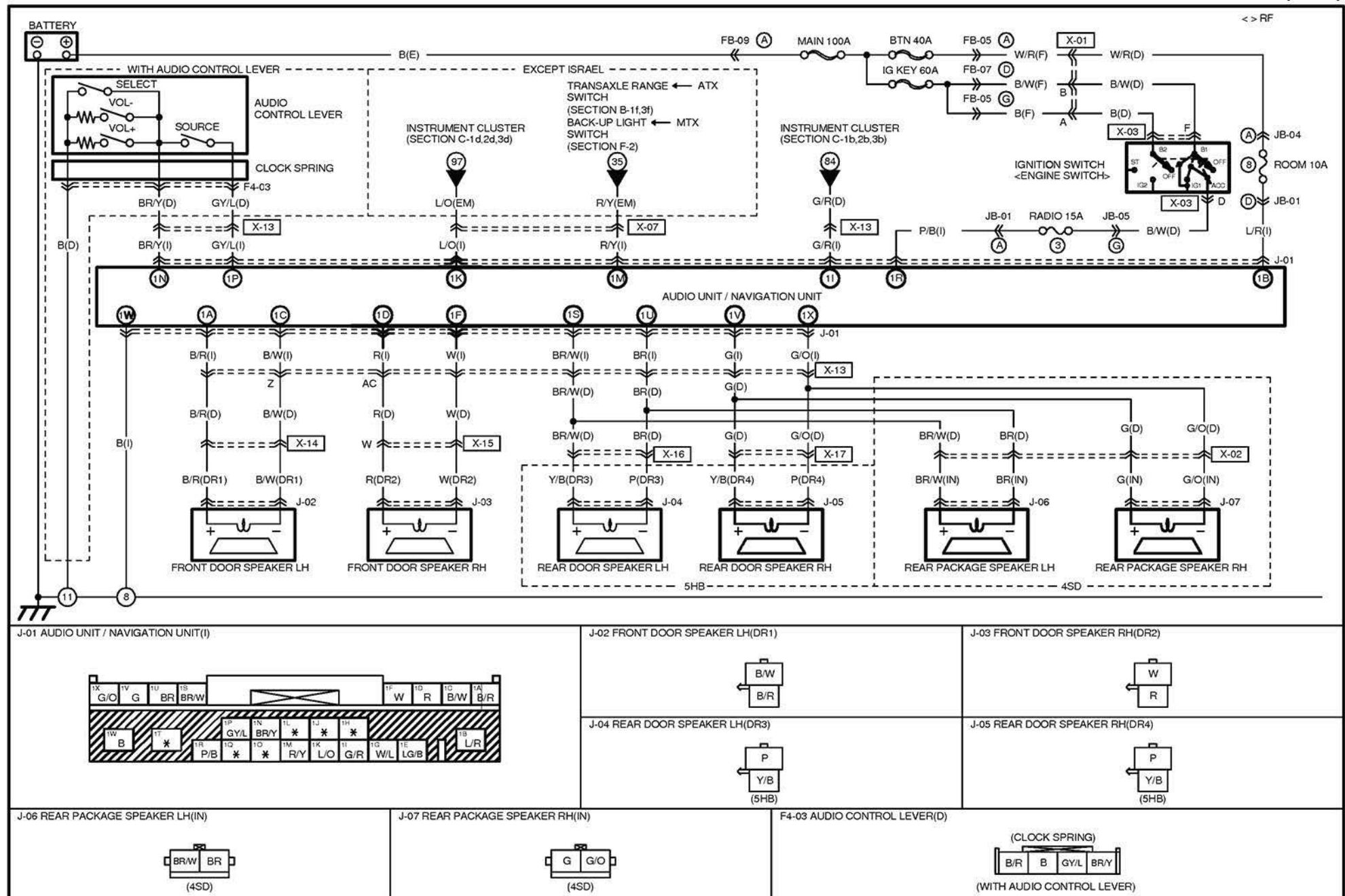
G/B	G/O
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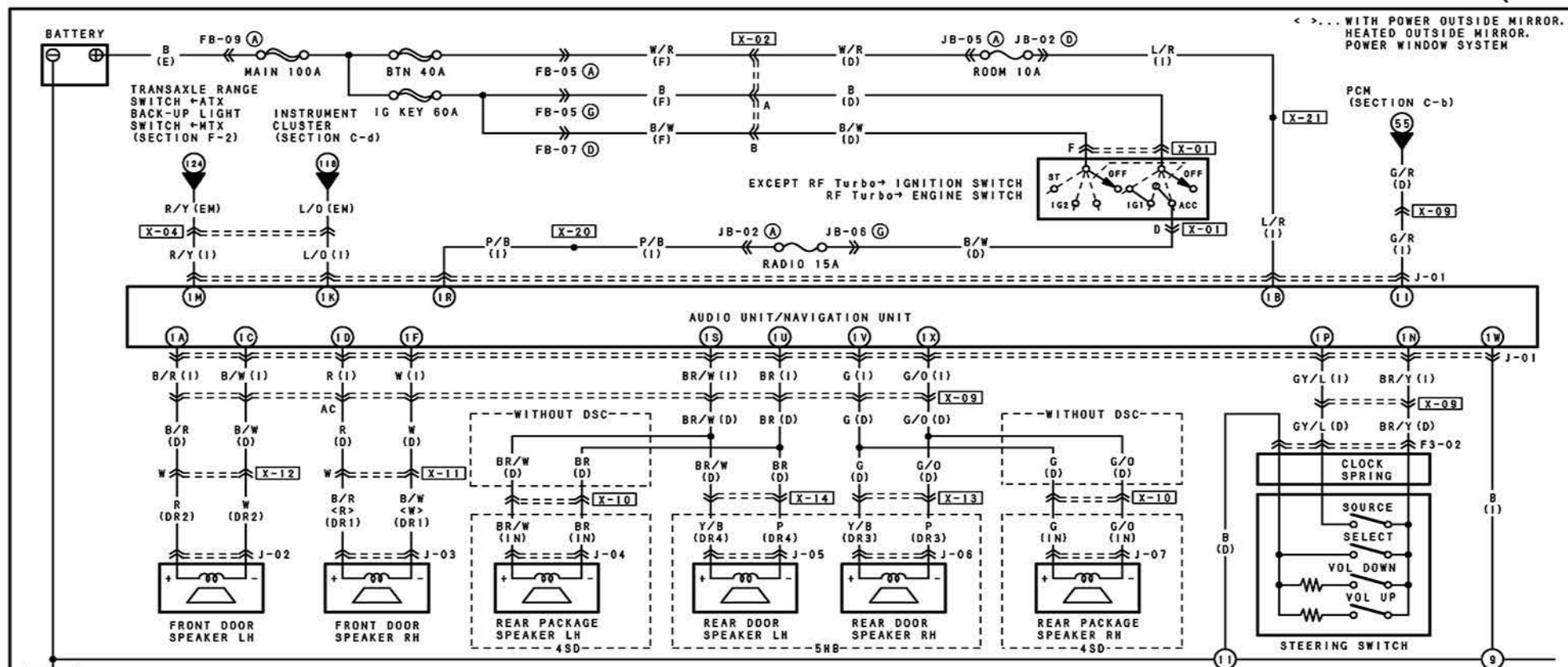
J-06 REAR DOOR SPEAKER RH (DR3)

P	Y/B
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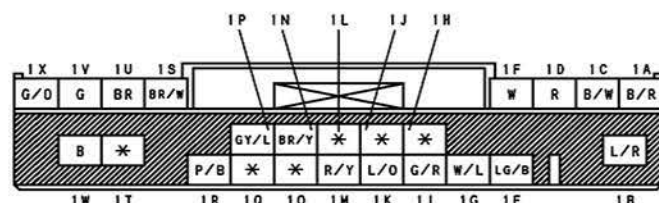
J-07 REAR PACKAGE SPEAKER RH (IN)

G	G/O
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J-01 AUDIO UNIT/NAVIGATION UNIT (I)



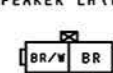
J-02 FRONT DOOR SPEAKER LH (DR2)



J-03 FRONT DOOR SPEAKER RH (DR1)



J-04 REAR PACKAGE SPEAKER LH (IN)



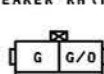
J-05 REAR DOOR SPEAKER LH (DR4)



J-06 REAR DOOR SPEAKER RH (DR3)



J-07 REAR PACKAGE SPEAKER RH (IN)



F3-02 STEERING SWITCH (D)

