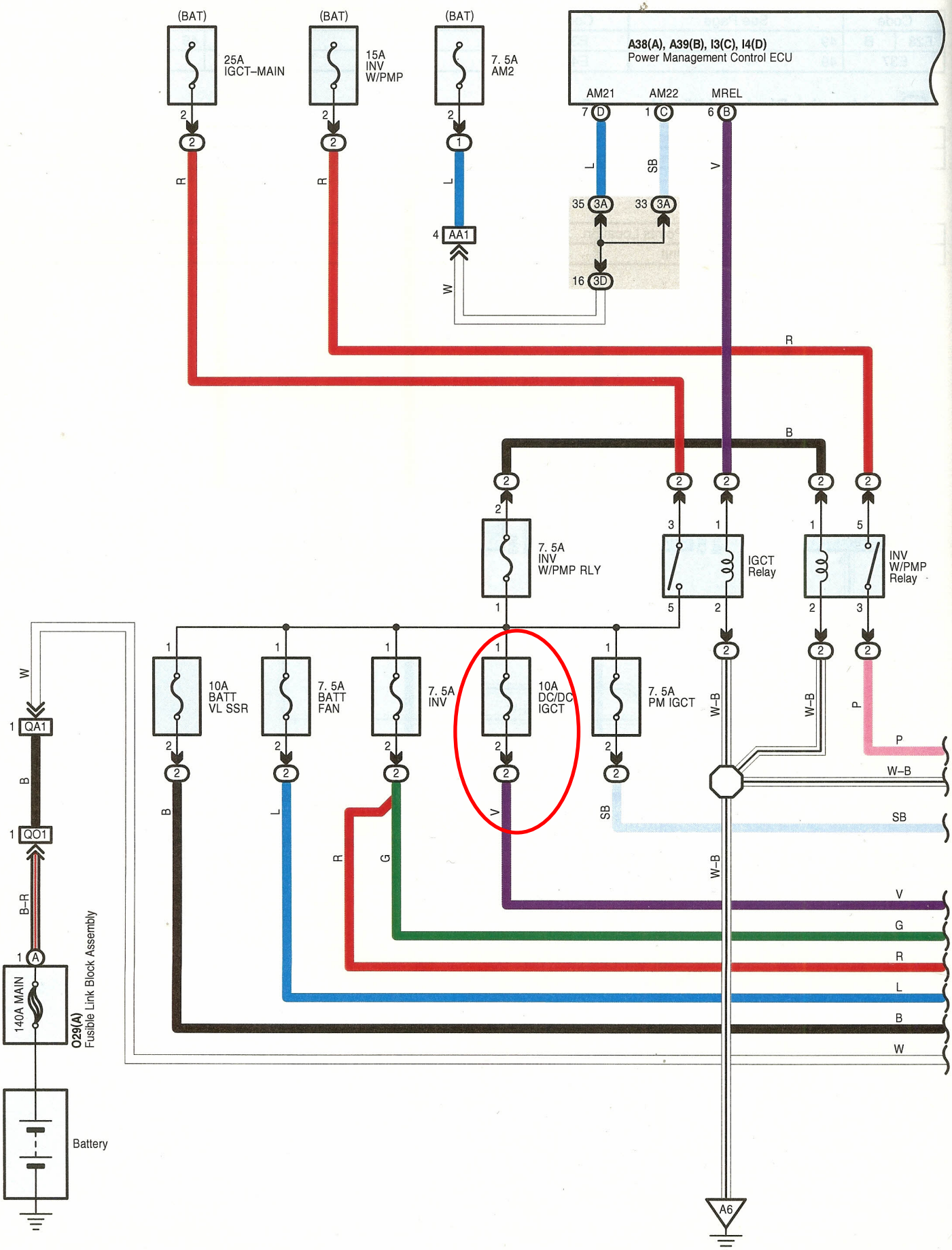
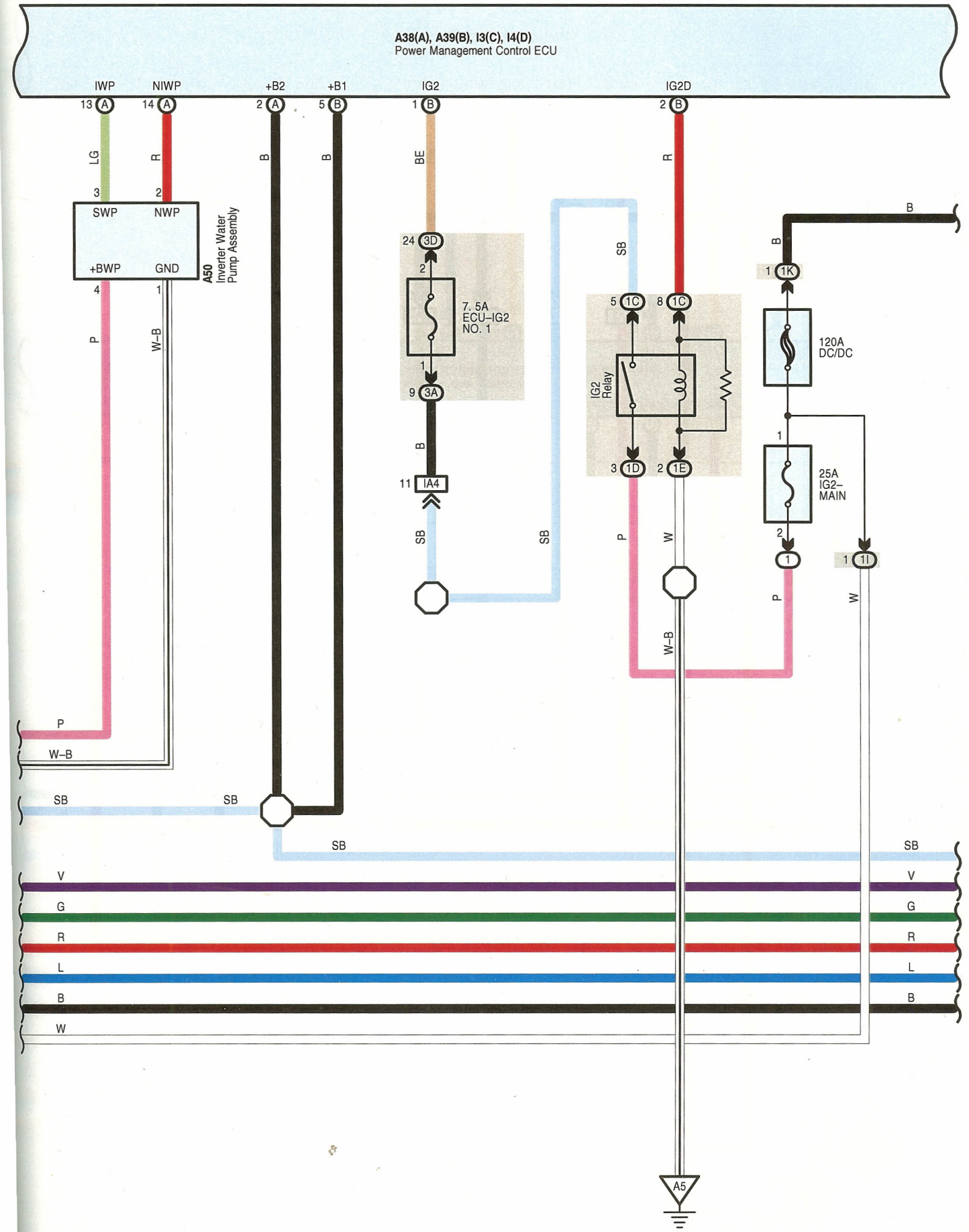

(BAT)
25A
IGCT–MAIN
(BAT)
15A
INV
W/PMP
(BAT)
7. 5A
AM2
A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
AM21
AM22
MREL
7 D
1 C
6 B
L
SB
V
35 3A
33 3A
4 AA1
16 3D
W
R
B
7. 5A
INV
W/PMP RLY
IGCT
Relay
INV
W/PMP
Relay
10A
BATT
VL SSR
7. 5A
BATT
FAN
7. 5A
INV
10A
DC/DC
IGCT
7. 5A
PM IGCT
W-B
P
SB
G
1 QA1
1 QO1
B-R
1 A
140A MAIN
O29(A)
Fusible Link Block Assembly
Battery
A6

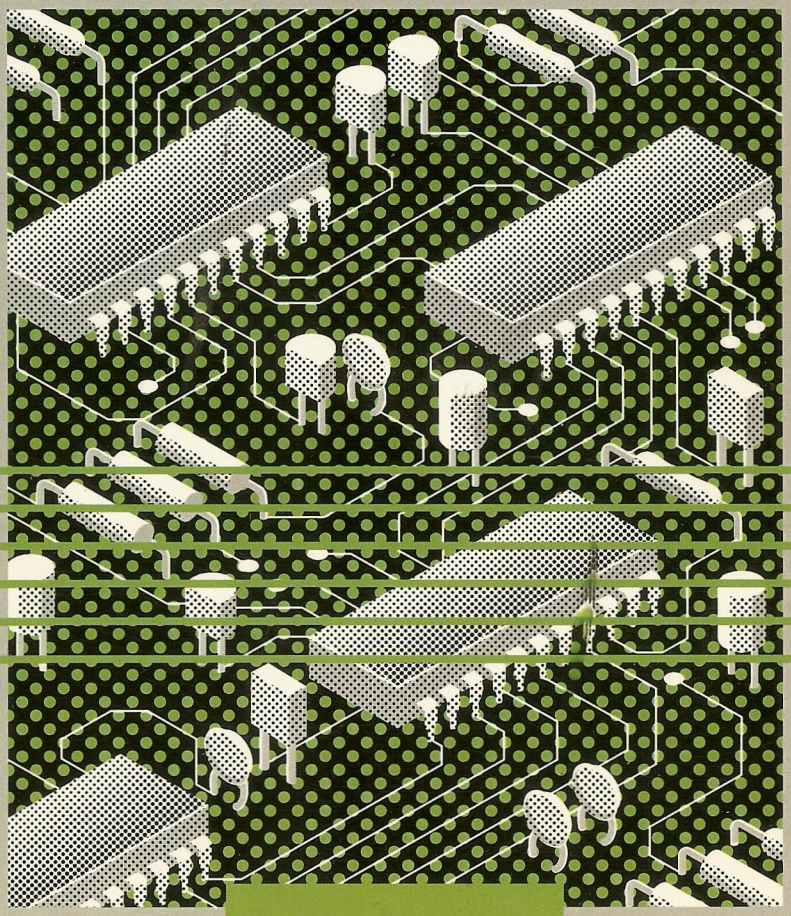

A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
IWP
NIWP
+B2
+B1
IG2
IG2D
13 A
14 A
2 A
5 B
1 B
2 B
LG
R
B
B
BE
R
3
2
SWP
NWP
+BWP
GND
A50
Inverter Water Pump Assembly
4
1
P
W–B
24 3D
2
7.5A ECU–IG2 NO. 1
1
9 3A
B
11 IA4
SB
SB
SB
5 1C
8 1C
IG2 Relay
3 1D
2 1E
P
W
W–B
B
1 1K
120A DC/DC
1
25A IG2–MAIN
2
1
P
1 1I
W
P
W–B
SB
SB
SB
V
G
R
L
B
W
SB
V
G
R
L
B
A5

TOYOTA

CAMRY Hybrid Vehicle

ELECTRICAL WIRING DIAGRAM

2012 MODEL



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