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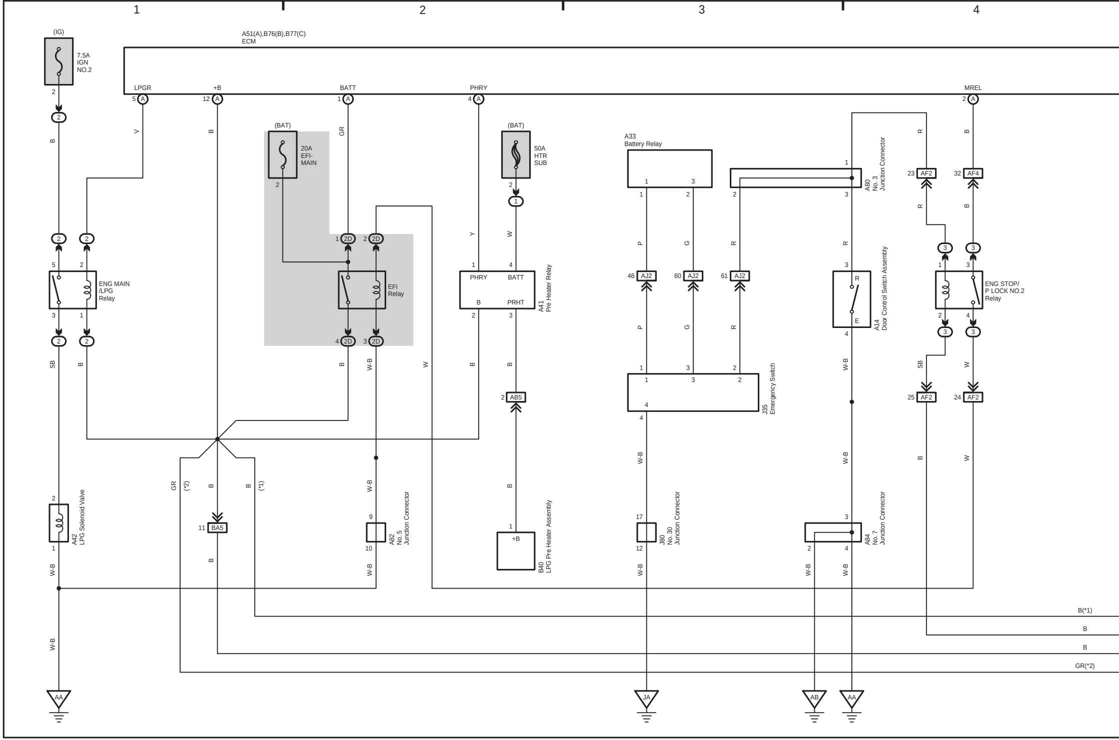
Engine Stop System (1BZ-FPE)

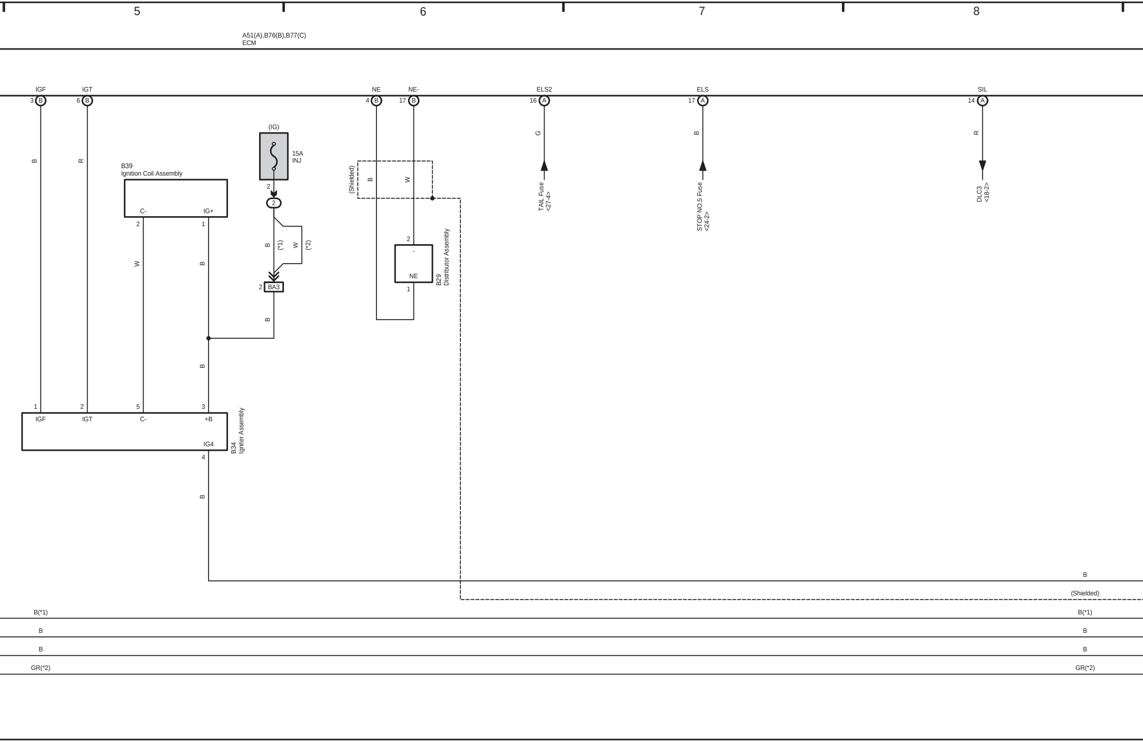
* 1 :Before Jul. 2017 Production
* 2 :From Jul. 2017 Production


1
2
3
4
(IG)
7.5A
IGN
NO.2
A51(A),B76(B),B77(C)
ECM
LPGR
+B
BATT
PHRY
MREL
5 A
12 A
1 A
4 A
2 A
(BAT)
20A
EFI-
MAIN
(BAT)
50A
HTR
SUB
A33
Battery Relay
A80
No. 3
Junction Connector
AF2
AF4
ENG MAIN
/LPG
Relay
EFI
Relay
2D
PHRY
BATT
B
PRHT
A41
Pre Heater Relay
AJ2
R
E
A14
Door Control Switch Assembly
ENG STOP/
P LOCK NO.2
Relay
J35
Emergency Switch
AB5
A42
LPG Solenoid Valve
BA5
A82
No. 5
Junction Connector
B40
LPG Pre Heater Assembly
+B
J80
No. 30
Junction Connector
A84
No. 7
Junction Connector
(*1)
(*2)
B(*1)
B
B
GR(*2)
V
B
GR
Y
W
P
G
R
SB
W-B
AA
JA
AB
AA

Ignition (1BZ-FPE)

Engine Control (1BZ-FPE)

* 1 :Before Jul. 2017 Production
* 2 :From Jul. 2017 Production


5
6
7
8
A51(A),B76(B),B77(C)
ECM
IGF
IGT
3 B
6 B
NE
NE-
4 B
17 B
ELS2
16 A
ELS
17 A
SIL
14 A
B
R
G
B
R
(IG)
15A
INJ
2
2
B39
Ignition Coil Assembly
C-
IG+
2
1
W
B
B
(*1)
W
(*2)
2 BA3
B
(Shielded)
B
W
2
-
NE
1
B29
Distributor Assembly
TAIL Fuse
<27-4>
STOP NO.5 Fuse
<24-2>
DLC3
<18-2>
B
1
2
5
3
IGF
IGT
C-
+B
IG4
4
B34
Igniter Assembly
B
B
(Shielded)
B(*1)
B
B
GR(*2)
B(*1)
B
B
GR(*2)

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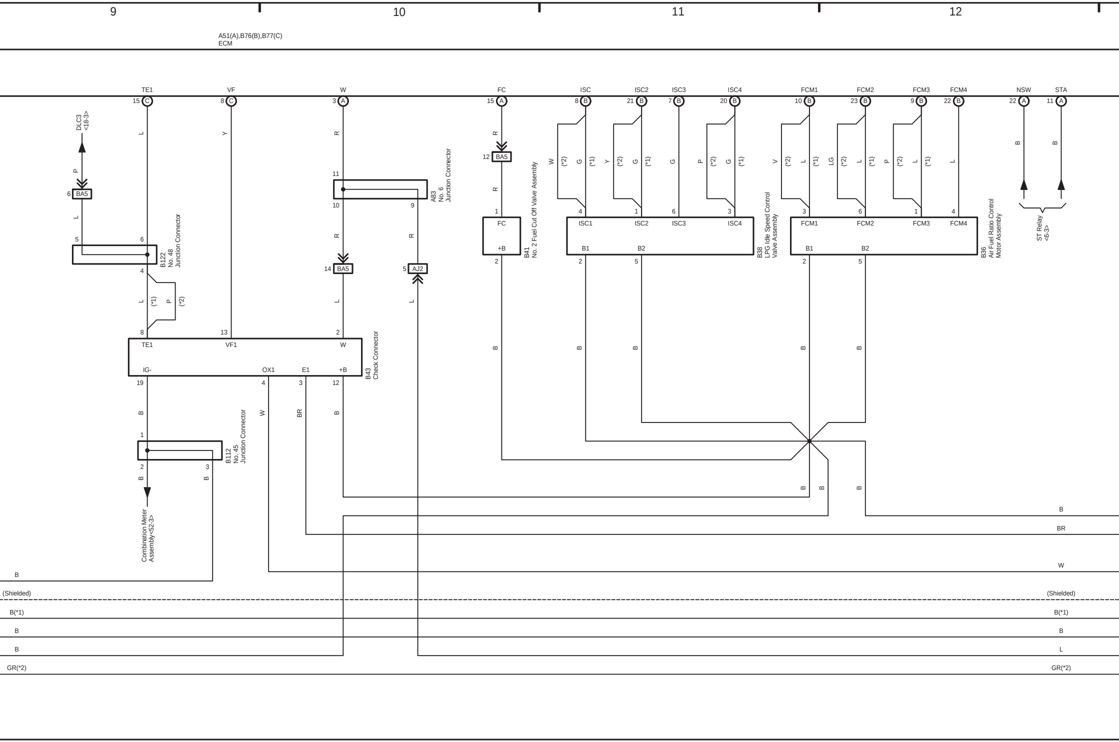
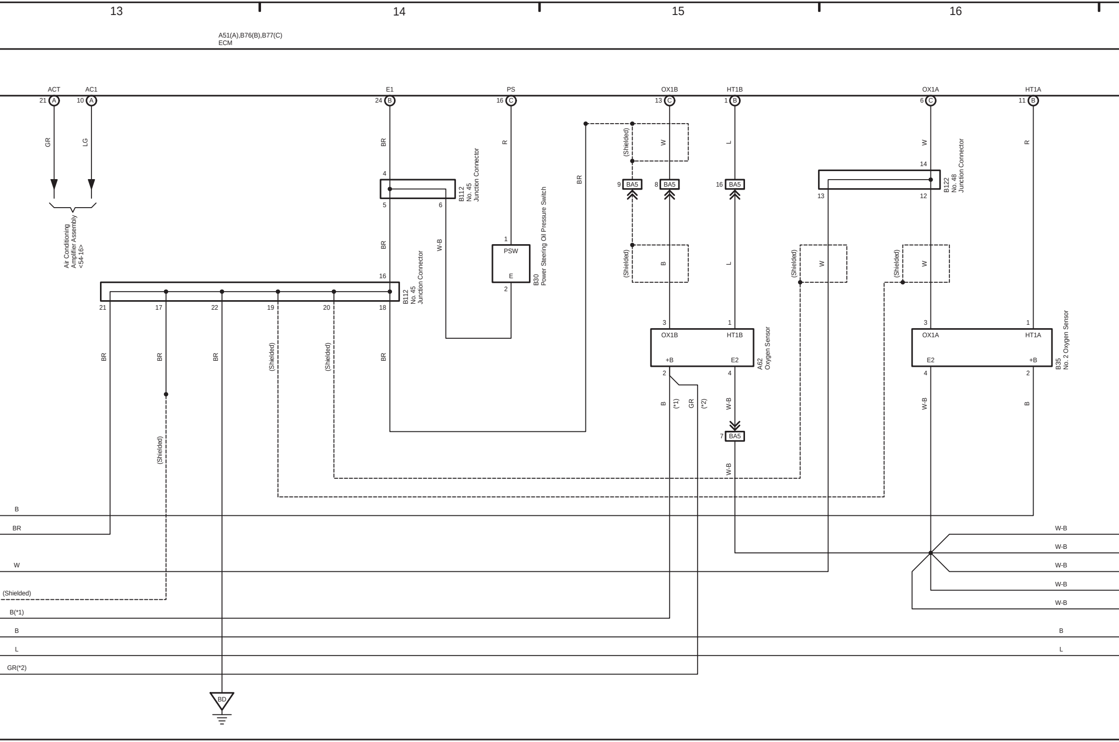
Engine Control (1BZ-FPE)

* 1 :Before Jul. 2017 Production
* 2 :From Jul. 2017 Production

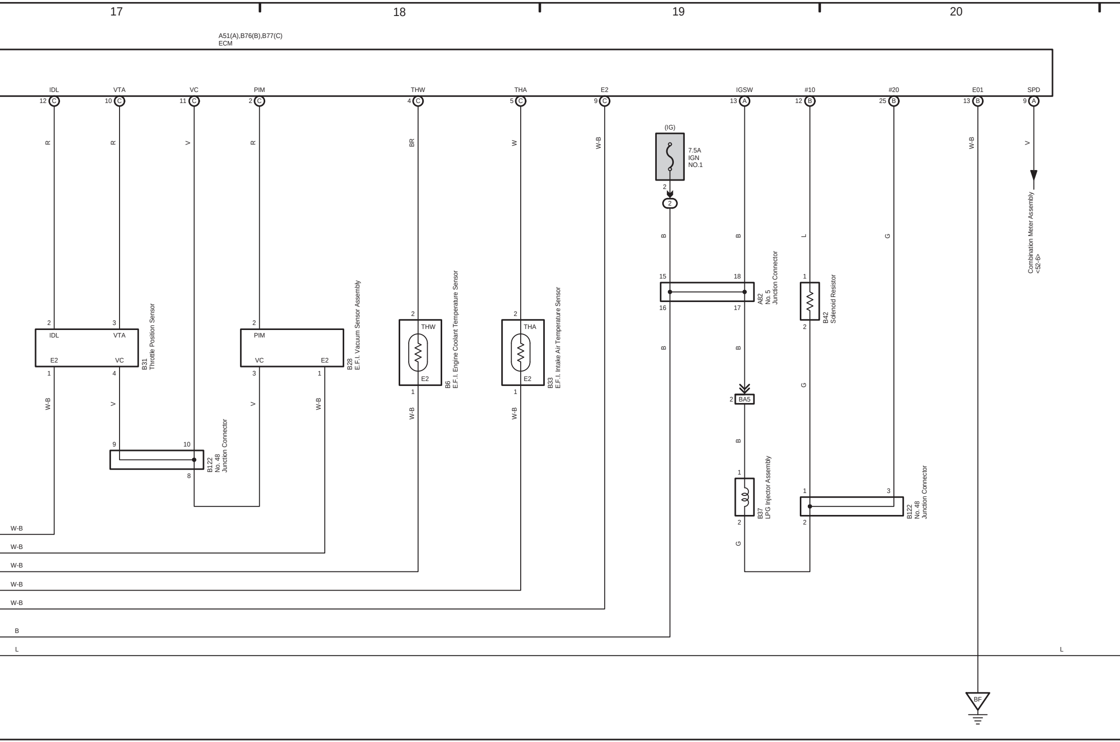

9
10
11
12
A51(A),B76(B),B77(C)
ECM
TE1
VF
W
FC
ISC
ISC2
ISC3
ISC4
FCM1
FCM2
FCM3
FCM4
NSW
STA
DLC3 <18-3>
BA5
B122 No. 48 Junction Connector
A83 No. 6 Junction Connector
AJ2
B41 No. 2 Fuel Cut Off Valve Assembly
B38 LPG Idle Speed Control Valve Assembly
B36 Air Fuel Ratio Control Motor Assembly
ST Relay <6-3>
B43 Check Connector
TE1
VF1
W
IG-
OX1
E1
+B
B112 No. 45 Junction Connector
Combination Meter Assembly<52-3>
FC
+B
ISC1
ISC2
ISC3
ISC4
B1
B2
FCM1
FCM2
FCM3
FCM4
(*1)
(*2)
B
BR
W
(Shielded)
B(*1)
L
GR(*2)

Engine Control (1BZ-FPE)

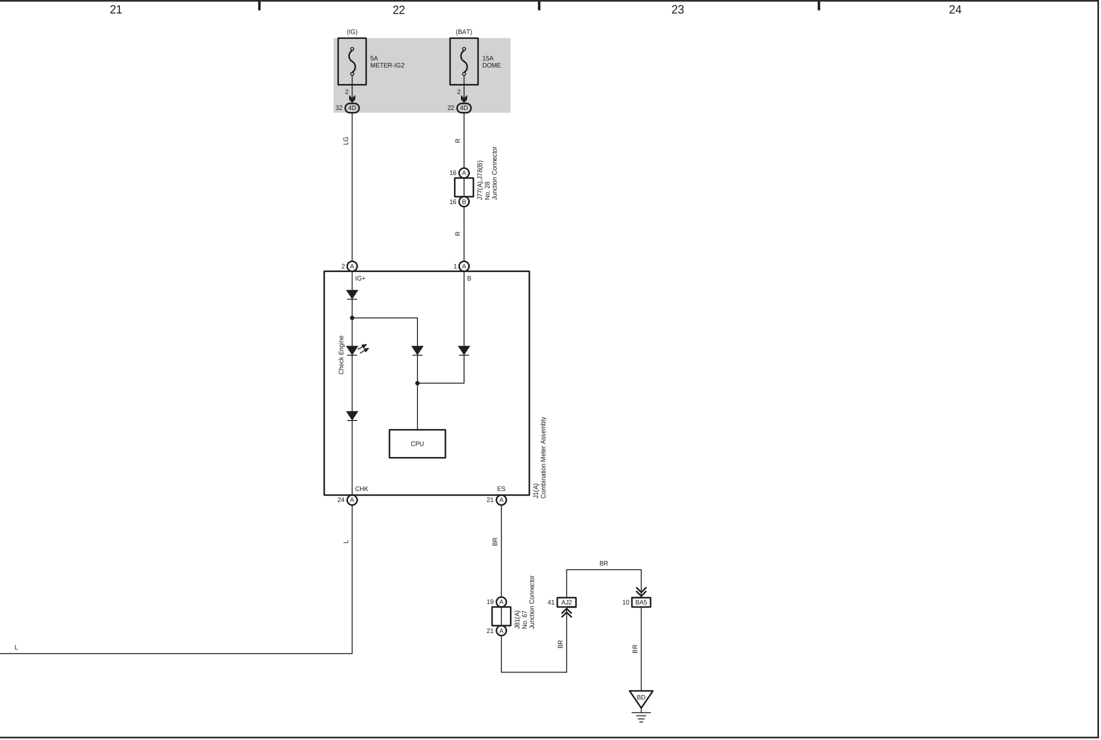
* 1 :Before Jul. 2017 Production
* 2 :From Jul. 2017 Production


13
14
15
16
A51(A),B76(B),B77(C)
ECM
ACT
AC1
E1
PS
OX1B
HT1B
OX1A
HT1A
21 A
10 A
24 B
16 C
13 C
1 B
6 C
11 B
GR
LG
Air Conditioning
Amplifier Assembly
<54-16>
BR
R
W
L
(Shielded)
B112
No. 45
Junction Connector
4
5
6
16
21
17
22
19
20
18
W-B
B30
Power Steering Oil Pressure Switch
PSW
E
1
2
9 BA5
8 BA5
16 BA5
7 BA5
B
B122
No. 48
Junction Connector
14
13
12
A62
Oxygen Sensor
OX1B
HT1B
+B
E2
3
1
2
4
B35
No. 2 Oxygen Sensor
OX1A
HT1A
E2
+B
(*1)
GR
(*2)
BR
(Shielded)
B(*1)
GR(*2)
BD

Engine Control (1BZ-FPE)


17
18
19
20
A51(A),B76(B),B77(C)
ECM
IDL
VTA
VC
PIM
THW
THA
E2
IGSW
#10
#20
E01
SPD
12 C
10 C
11 C
2 C
4 C
5 C
9 C
13 A
12 B
25 B
13 B
9 A
R
R
V
R
BR
W
W-B
(IG)
7.5A
IGN
NO.1
2
2
B
B
L
G
W-B
V
Combination Meter Assembly
<52-6>
15
18
16
17
A82
No. 5
Junction Connector
1
2
B42
Solenoid Resistor
2
3
IDL
VTA
E2
VC
1
4
B31
Throttle Position Sensor
2
PIM
VC
E2
3
1
B28
E.F.I. Vacuum Sensor Assembly
2
THW
E2
1
B6
E.F.I. Engine Coolant Temperature Sensor
2
THA
E2
1
B33
E.F.I. Intake Air Temperature Sensor
W-B
V
V
W-B
W-B
W-B
B
B
G
2 BA5
B
9
10
8
B122
No. 48
Junction Connector
1
2
B37
LPG Injector Assembly
G
1
3
2
B122
No. 48
Junction Connector
W-B
W-B
W-B
W-B
W-B
B
L
L
BF

Engine Control (1BZ-FPE)


21
22
23
24
(IG)
(BAT)
5A
METER-IG2
15A
DOME
2
2
32
4D
22
4D
LG
R
16
A
J77(A),J78(B)
No. 28
Junction Connector
16
B
R
2
A
1
A
IG+
B
Check Engine
CPU
CHK
ES
24
A
21
A
J1(A)
Combination Meter Assembly
L
BR
19
A
J81(A)
No. 67
Junction Connector
21
A
BR
41
AJ2
10
BA5
BR
BR
BD
L