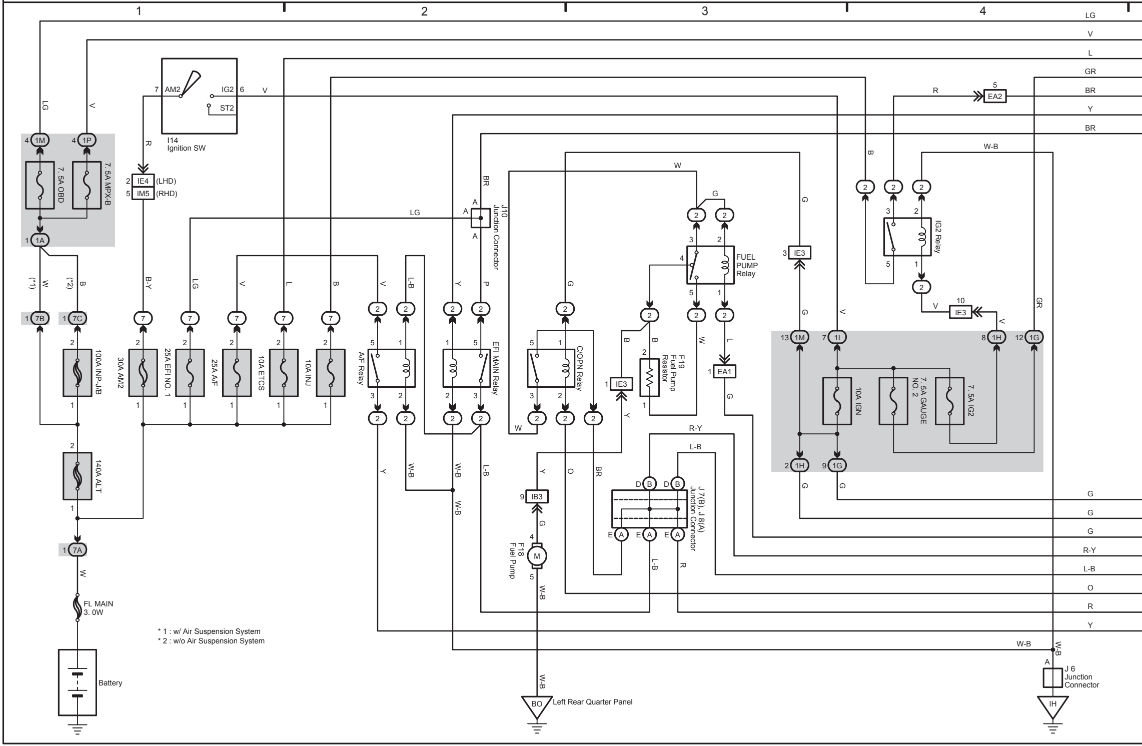
(Cont. next page)

Power Source


1
2
3
4
LG
V
L
GR
BR
Y
BR
7.5A OBD
7.5A MPX-B
1M
1P
1A
7B
7C
7A
I14
Ignition SW
AM2
IG2
ST2
IE4 (LHD)
IM5 (RHD)
J10
Junction Connector
100A INP-J/B
140A ALT
30A AM2
25A EFI NO. 1
25A A/F
10A ETCS
10A INJ
A/F Relay
EFI MAIN Relay
C/OPN Relay
FUEL PUMP Relay
F19
Fuel Pump Resistor
IE3
EA1
EA2
IG2 Relay
10A IGN
7.5A GAUGE NO. 2
7.5A IG2
1M
1I
1H
1G
IB3
F18
Fuel Pump
J 7(B), J 8(A)
Junction Connector
FL MAIN
3.0W
Battery
BO
Left Rear Quarter Panel
J 6
Junction Connector
IH
W-B
G
R-Y
L-B
O
R
Y

* 1 : w/ Air Suspension System
* 2 : w/o Air Suspension System

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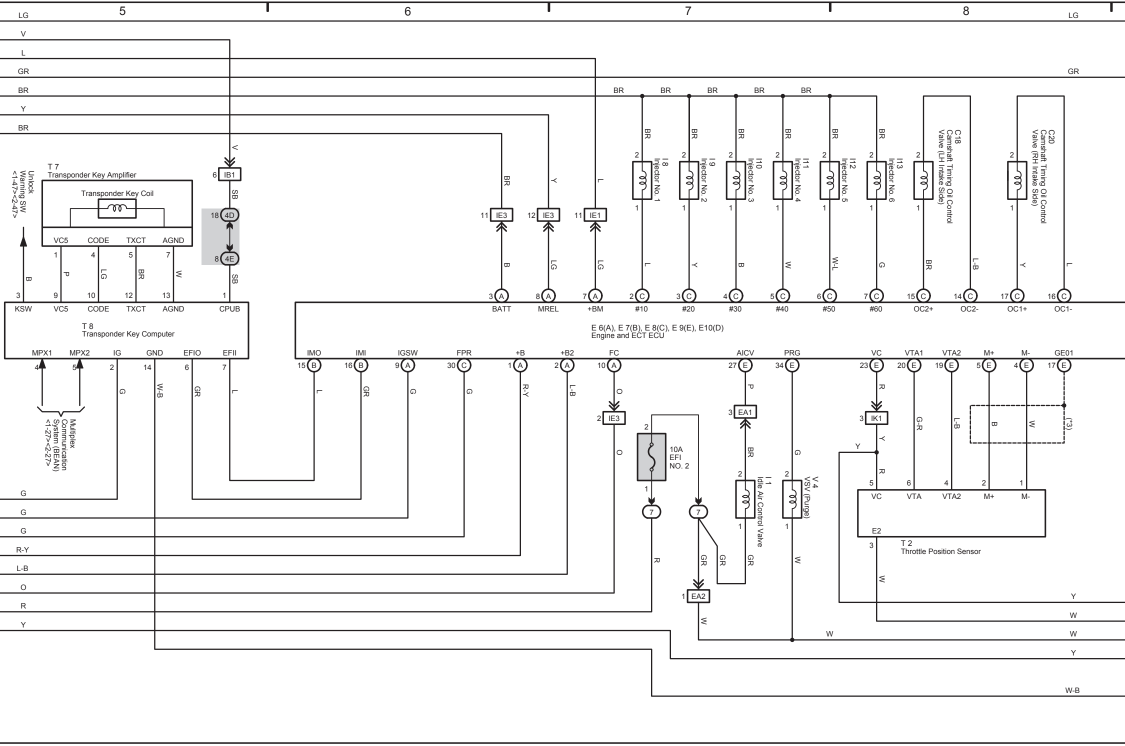
Engine Immobiliser System

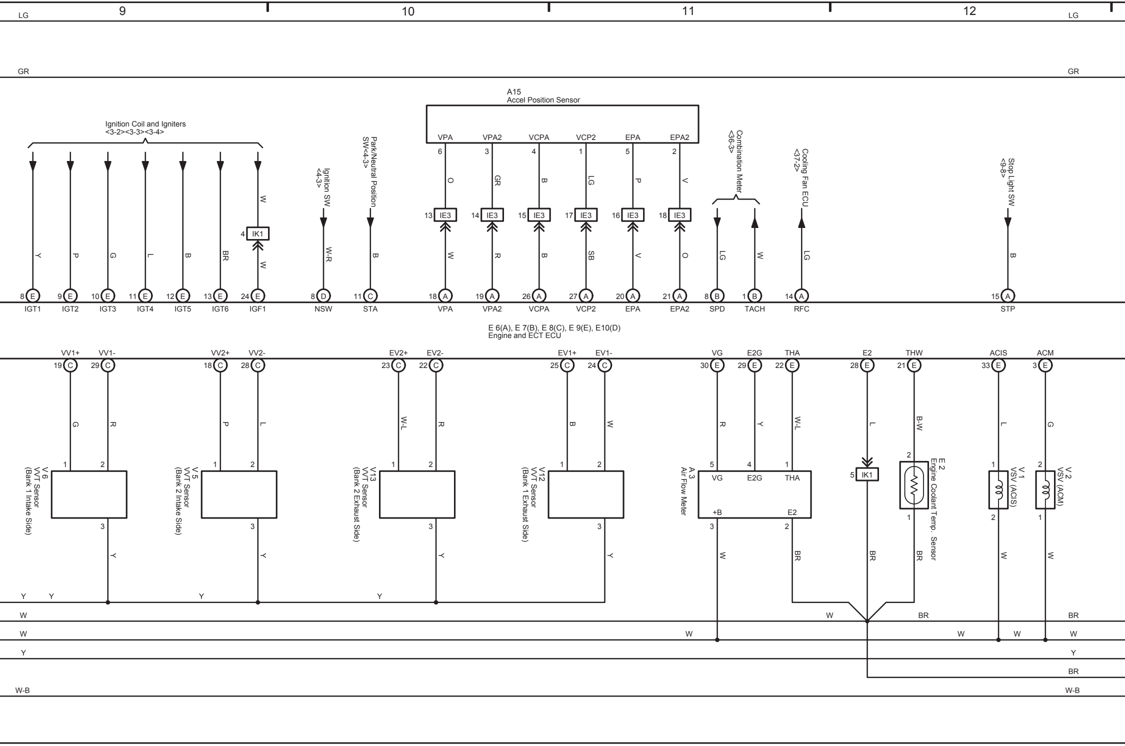
Engine Control

* 3 : Shielded


5
6
7
8
LG
V
L
GR
BR
Y
BR
LG
GR
BR
T 7
Transponder Key Amplifier
Transponder Key Coil
VC5
CODE
TXCT
AGND
Unlock Warning SW <1-47><2-47>
T 8
Transponder Key Computer
KSW
VC5
CODE
TXCT
AGND
CPUB
MPX1
MPX2
IG
GND
EFIO
EFII
Multiplex Communication System (BEAN) <1-27><2-27>
IB1
4D
4E
SB
IE3
IE1
I 8 Injector No. 1
I 9 Injector No. 2
I 10 Injector No. 3
I 11 Injector No. 4
I 12 Injector No. 5
I 13 Injector No. 6
C18 Camshaft Timing Oil Control Valve (LH Intake Side)
C20 Camshaft Timing Oil Control Valve (RH Intake Side)
BATT
MREL
+BM
#10
#20
#30
#40
#50
#60
OC2+
OC2-
OC1+
OC1-
E 6(A), E 7(B), E 8(C), E 9(E), E10(D)
Engine and ECT ECU
IMO
IMI
IGSW
FPR
+B
+B2
FC
AICV
PRG
VC
VTA1
VTA2
M+
M-
GE01
EA1
IK1
10A EFI NO. 2
I 1 Idle Air Control Valve
V 4 VSV (Purge)
EA2
(*3)
T 2
Throttle Position Sensor
VC
VTA
VTA2
M+
M-
E2
G
G
G
R-Y
L-B
O
R
Y
Y
W
W
Y
W-B

(Cont. next page)

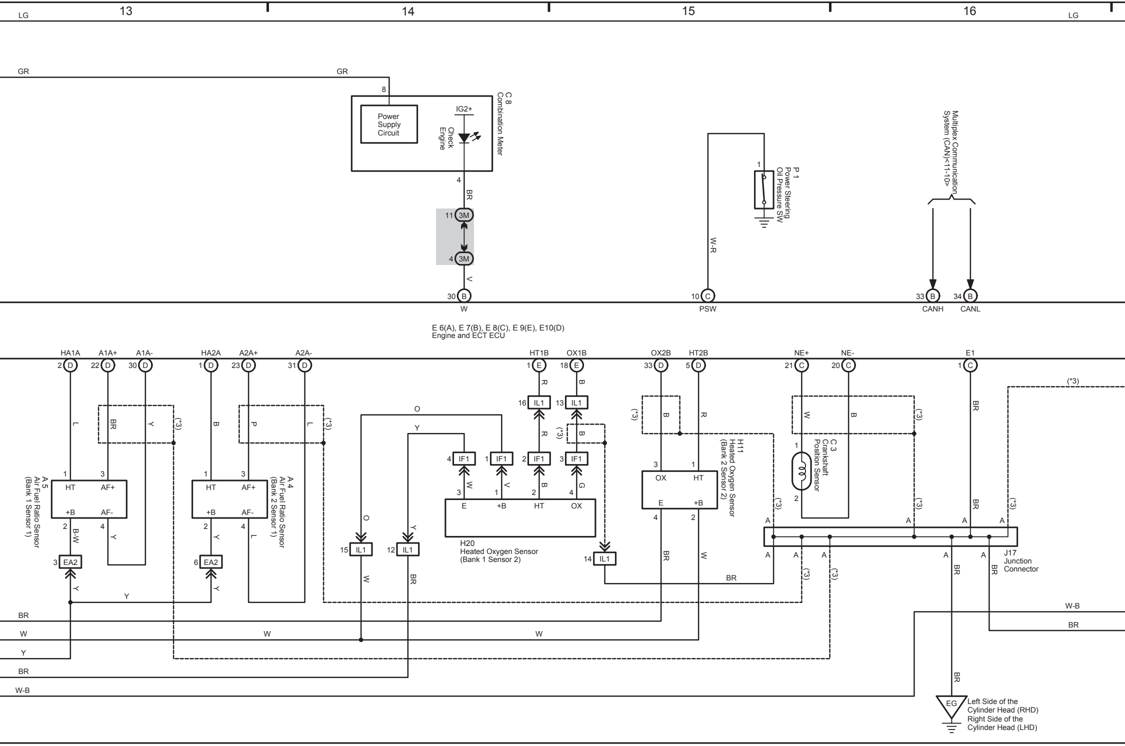
Engine Control


9
10
11
12
LG
LG
GR
GR
A15
Accel Position Sensor
VPA
VPA2
VCPA
VCP2
EPA
EPA2
6
3
4
1
5
2
O
GR
B
LG
P
V
13 IE3
14 IE3
15 IE3
17 IE3
16 IE3
18 IE3
W
R
B
SB
V
O
Ignition Coil and Igniters
<3-2><3-3><3-4>
Y
P
G
L
B
BR
W
4 IK1
W
Ignition SW
<4-3>
W-R
Park/Neutral Position
SW<4-3>
B
Combination Meter
<36-3>
LG
W
Cooling Fan ECU
<37-2>
LG
Stop Light SW
<9-8>
B
8 E
9 E
10 E
11 E
12 E
13 E
24 E
8 D
11 C
18 A
19 A
26 A
27 A
20 A
21 A
8 B
1 B
14 A
15 A
IGT1
IGT2
IGT3
IGT4
IGT5
IGT6
IGF1
NSW
STA
VPA
VPA2
VCPA
VCP2
EPA
EPA2
SPD
TACH
RFC
STP
E 6(A), E 7(B), E 8(C), E 9(E), E10(D)
Engine and ECT ECU
VV1+
VV1-
19 C
29 C
VV2+
VV2-
18 C
28 C
EV2+
EV2-
23 C
22 C
EV1+
EV1-
25 C
24 C
VG
E2G
THA
30 E
29 E
22 E
E2
28 E
THW
21 E
ACIS
33 E
ACM
3 E
G
R
P
L
W-L
R
B
W
R
Y
W-L
L
B-W
L
G
1
2
3
V 6
VVT Sensor
(Bank 1 Intake Side)
Y
1
2
3
V 5
VVT Sensor
(Bank 2 Intake Side)
Y
1
2
3
V13
VVT Sensor
(Bank 2 Exhaust Side)
Y
1
2
3
V12
VVT Sensor
(Bank 1 Exhaust Side)
Y
5
4
1
A 3
Air Flow Meter
VG
E2G
THA
+B
E2
3
2
W
BR
5 IK1
BR
2
E 2
Engine Coolant Temp. Sensor
1
BR
1
V 1
VSV (ACIS)
2
W
2
V 2
VSV (ACM)
1
W
Y
Y
Y
Y
W
W
BR
BR
W
W
W
W
W
Y
Y
BR
W-B
W-B

(Cont. next page)

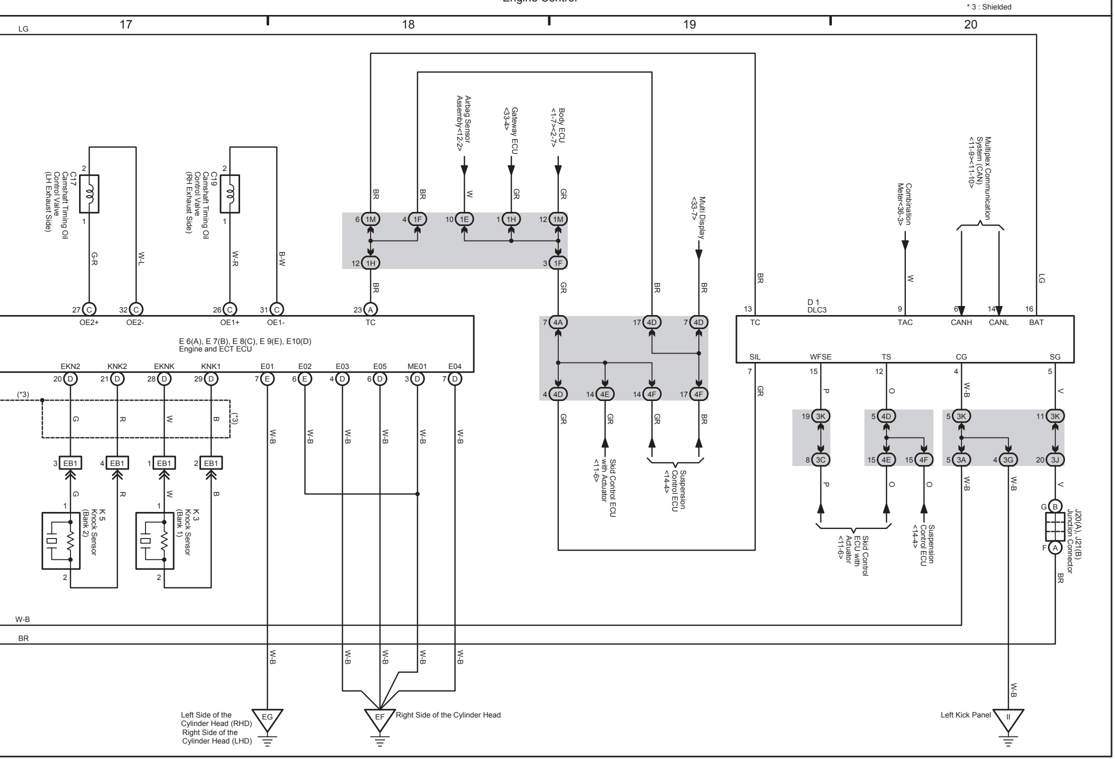
Engine Control

* 3 : Shielded


13
14
15
16
LG
LG
GR
GR
8
C 8
Combination Meter
Power Supply Circuit
IG2+
Check Engine
4
BR
11 3M
4 3M
V
30 B
W
P 1
Power Steering Oil Pressure SW
1
W-R
10 C
PSW
Multiplex Communication System (CAN)<11-10>
33 B
34 B
CANH
CANL
E 6(A), E 7(B), E 8(C), E 9(E), E10(D)
Engine and ECT ECU
HA1A
A1A+
A1A-
HA2A
A2A+
A2A-
HT1B
OX1B
OX2B
HT2B
NE+
NE-
E1
2 D
22 D
30 D
1 D
23 D
31 D
1 E
18 E
33 D
5 D
21 C
20 C
1 C
L
BR
Y
B
P
L
(*3)
R
B
16 IL1
13 IL1
O
Y
4 IF1
1 IF1
2 IF1
3 IF1
W
V
B
G
3
1
2
4
E
+B
HT
OX
H20
Heated Oxygen Sensor (Bank 1 Sensor 2)
A 5
Air Fuel Ratio Sensor (Bank 1 Sensor 1)
HT
AF+
+B
AF-
B-W
3 EA2
A 4
Air Fuel Ratio Sensor (Bank 2 Sensor 1)
6 EA2
15 IL1
12 IL1
14 IL1
H11
Heated Oxygen Sensor (Bank 2 Sensor 2)
OX
HT
E
+B
C 3
Crankshaft Position Sensor
J17
Junction Connector
A
BR
W
W-B
EG
Left Side of the Cylinder Head (RHD)
Right Side of the Cylinder Head (LHD)

RX 350 (Cont'd)

Engine Control


* 3 : Shielded
17
18
19
20
LG
C17
Camshaft Timing Oil Control Valve (LH Exhaust Side)
C19
Camshaft Timing Oil Control Valve (RH Exhaust Side)
G-R
W-L
W-R
B-W
27 C OE2+
32 C OE2-
26 C OE1+
31 C OE1-
23 A TC
E 6(A), E 7(B), E 8(C), E 9(E), E10(D)
Engine and ECT ECU
EKN2 20 D
KNK2 21 D
EKNK 28 D
KNK1 29 D
E01 7 E
E02 6 E
E03 4 D
E05 6 D
ME01 3 D
E04 7 D
(*3)
EB1
K 5
Knock Sensor (Bank 2)
K 3
Knock Sensor (Bank 1)
Airbag Sensor Assembly<12-2>
Gateway ECU <33-4>
Body ECU <1-7><2-7>
Multi Display <33-7>
BR
W
GR
6 1M
4 1F
10 1E
1 1H
12 1M
12 1H
3 1F
7 4A
17 4D
7 4D
4 4D
14 4E
14 4F
17 4F
Skid Control ECU with Actuator <11-6>
Suspension Control ECU <14-4>
Combination Meter<36-3>
Multiplex Communication System (CAN) <11-9><11-10>
D 1
DLC3
13 TC
9 TAC
6 CANH
14 CANL
16 BAT
7 SIL
15 WFSE
12 TS
4 CG
5 SG
P
O
W-B
V
19 3K
8 3C
5 4D
15 4E
15 4F
5 3K
5 3A
4 3G
11 3K
20 3J
Skid Control ECU with Actuator <11-6>
Suspension Control ECU <14-4>
J20(A), J21(B)
Junction Connector
G B
F A
W-B
BR
EG
Left Side of the Cylinder Head (RHD)
Right Side of the Cylinder Head (LHD)
EF
Right Side of the Cylinder Head
II
Left Kick Panel