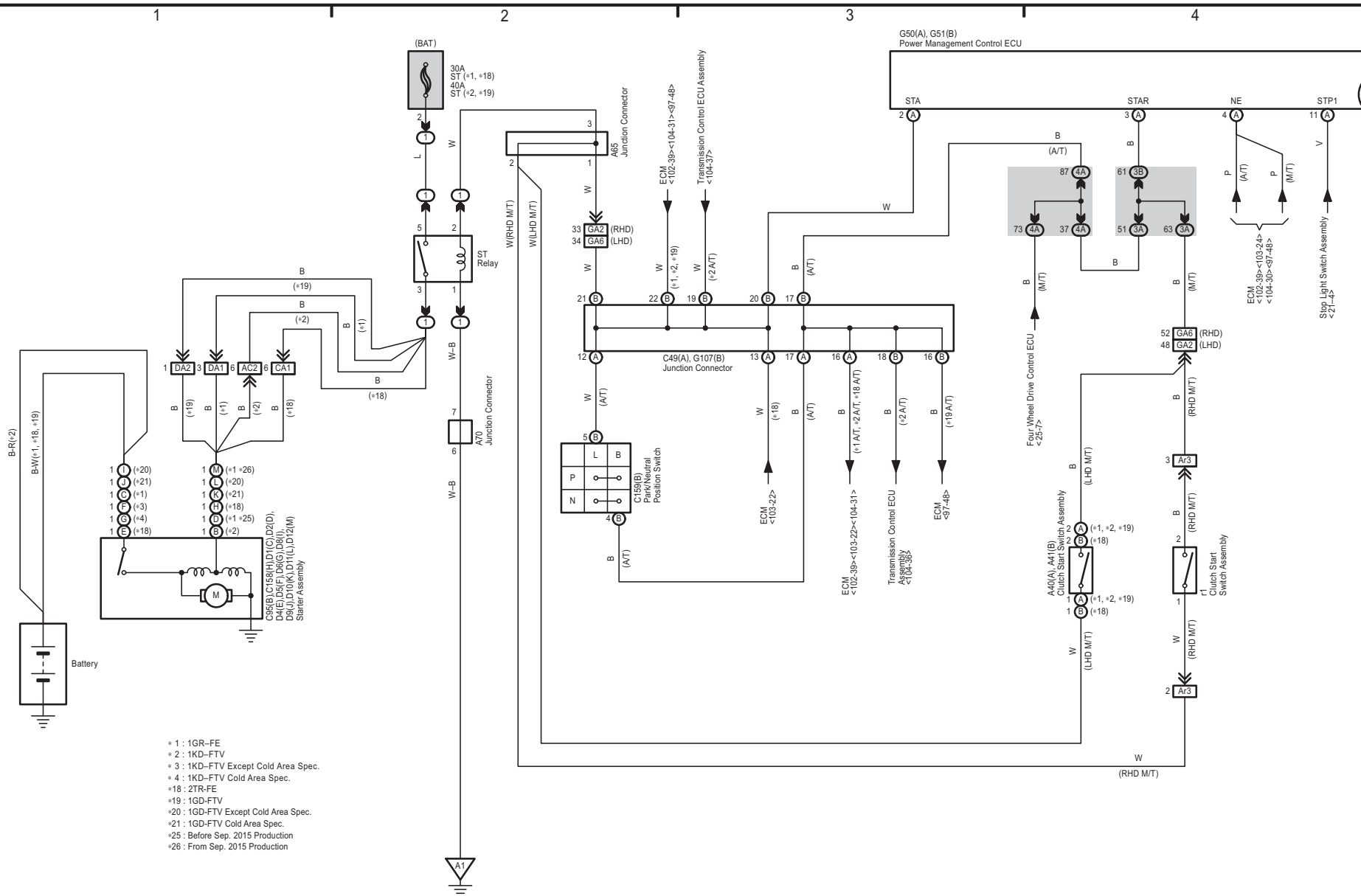


100 LAND CRUISER / LAND CRUISER PRADO

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Starting (w/ Entry & Start System) (From Jun. 2015 until Aug. 2017 Production), Steering Lock (w/ Entry & Start System) (From Jun. 2015 until Aug. 2017 Production), Engine Immobiliser System (w/ Entry & Start System) (From Jun. 2015 until Aug. 2017 Production), Entry & Start System (From Jun. 2015 until Aug. 2017 Production), Wireless Door Lock Control (w/ Entry & Start System) (From Jun. 2015 until Aug. 2017 Production)

OVERALL ELECTRICAL WIRING DIAGRAM



LAND CRUISER / LAND CRUISER PRADO (EM27T3E)

M

Wiring Diagram for Power Management Control ECU (G50(A), G51(B))

ECU Pins: SLP (3), SLP+ (8), LIN2 (24), CA1L (13), CA1H (14), CA3P (12), CA3N (11), CA2H (26), CA2L (25), GND2 (5), GND (6).

Components and Connections:

- BAT (Battery):**
 - 7.5A SMART (2) → V → GA2 (RHD) (44) / GA2 (LHD) (25) → V → G144(B) Junction Connector (13, 14).
 - 10A IGN (51) → W → 78 (3A) / 33 (3C) → W-B → G37 ID Code Box (1).
 - 20A STRG LOCK (2) → GR → GA6 (LHD) (10) / GA6 (RHD) (10) → G → G35 Steering Lock Actuator Assembly (7).
- G37 ID Code Box:**
 - 5 (SB) → ECM <102-3B> <103-24> <104-2B> <97-4B> → W → EFIO (6).
 - 1 (+B) → V → G144(B) Junction Connector (13).
 - 3 (G) → W-B → G35 Steering Lock Actuator Assembly (5).
 - 8 (GND) → W-B → G35 Steering Lock Actuator Assembly (5).
- G144(B) Junction Connector:**
 - 12 (B) → V → G35 Steering Lock Actuator Assembly (6).
 - 14 (B) → V → G35 Steering Lock Actuator Assembly (6).
- G35 Steering Lock Actuator Assembly:**
 - IG2 (6) → B → LIN (5) → M (Motor).
 - SLP1 (4) → SB → 64 (3B) / 32 (3C) → SB → W-B → G37 ID Code Box (1).
 - IGE (3) → W → 63 (3B) / 26 (3C) → W → G37 ID Code Box (1).
 - W-B (5) → G37 ID Code Box (1).
- Multiplex Communication System (CAN):**
 - CA1L (13) → 62 (3B) / 25 (3C) → G → LIN2 (24).
 - CA1H (14) → 37 (3C) → G → LIN2 (24).
 - CA3P (12) → 14 (3B) → G → LIN2 (24).
 - CA3N (11) → 14 (3B) → G → LIN2 (24).
 - CA2H (26) → 68 (3B) / 96 (3A) → W-B → GND (6).
 - CA2L (25) → 68 (3B) / 96 (3A) → W-B → GND (6).
- Grounding:**
 - G2 (Ground) → W-B → G37 ID Code Box (1).
 - G3 (Ground) → W-B → G35 Steering Lock Actuator Assembly (5).

9 10 11 12

G50(A), G51(B)
Power Management Control ECU

IG1D 20 (B) V
ACCD 19 (B) R
52 (2A)
48 (2A)
4 (2B)

IG1 NO. 3 Relay
IG1 NO. 2 Relay
IG1 NO. 1 Relay
ACC Relay

G140(C), G141(D)
Junction Connector
W-B (LHD)
W-B (RHD)
W-B (LHD)
W-B (RHD)

G127(B)
Junction Connector
W-B (LHD)
W-B (RHD)

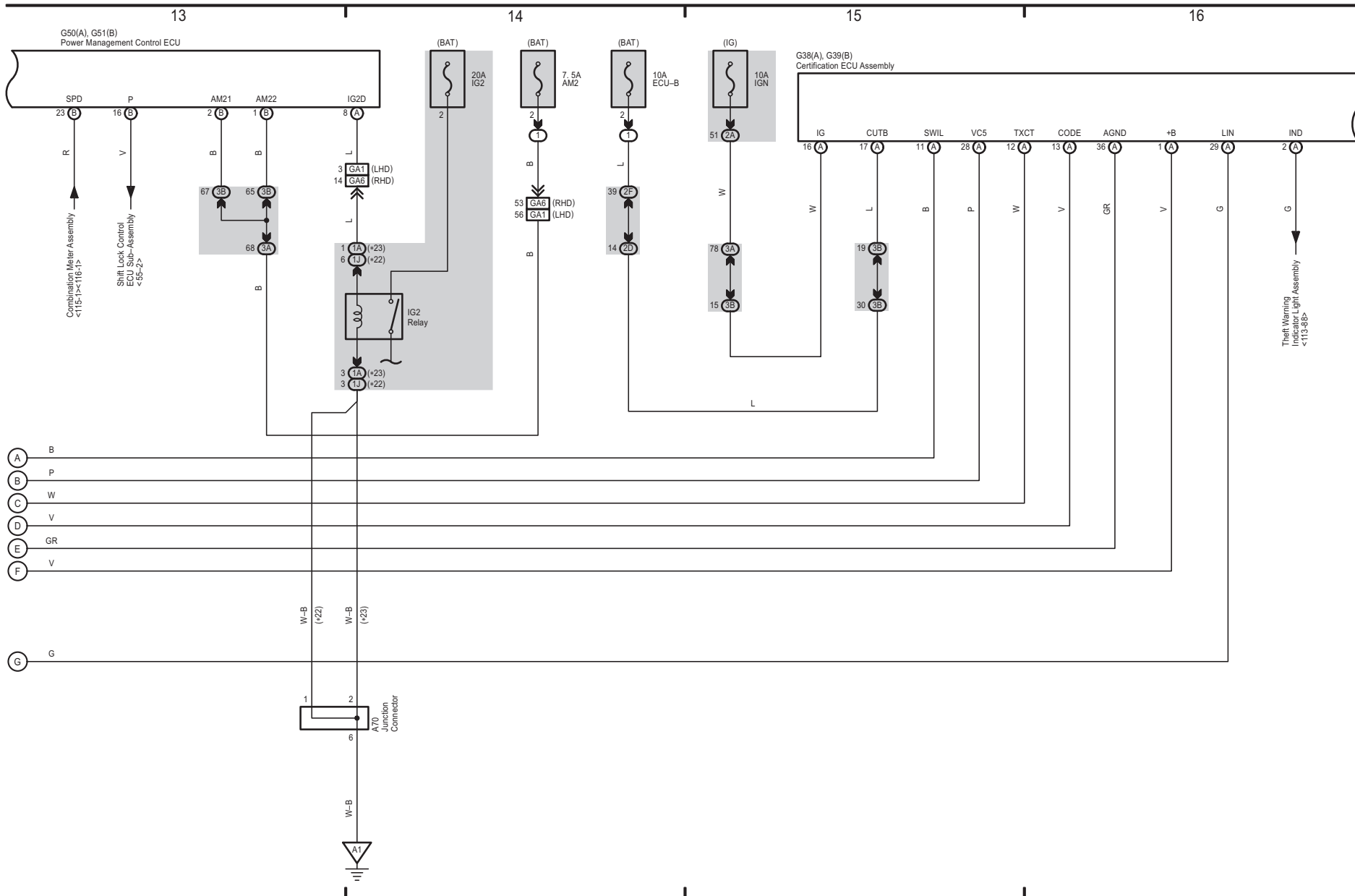
G36 Engine Switch
SSW1 18 (B) LG
SSW2 17 (B) R
INDS 22 (B) B
INDW 10 (B) L
B
SS1 7
SS2 2
INDS 12
INDW 13
SWIL 11
Transponder Key Coil
GND
AGND
CODE 8
TXCT 10
VC5 14
P
V
GR
W-B 5
W-B 22 (4C)
68 (4A)
W-B
G106 Junction Connector
G5

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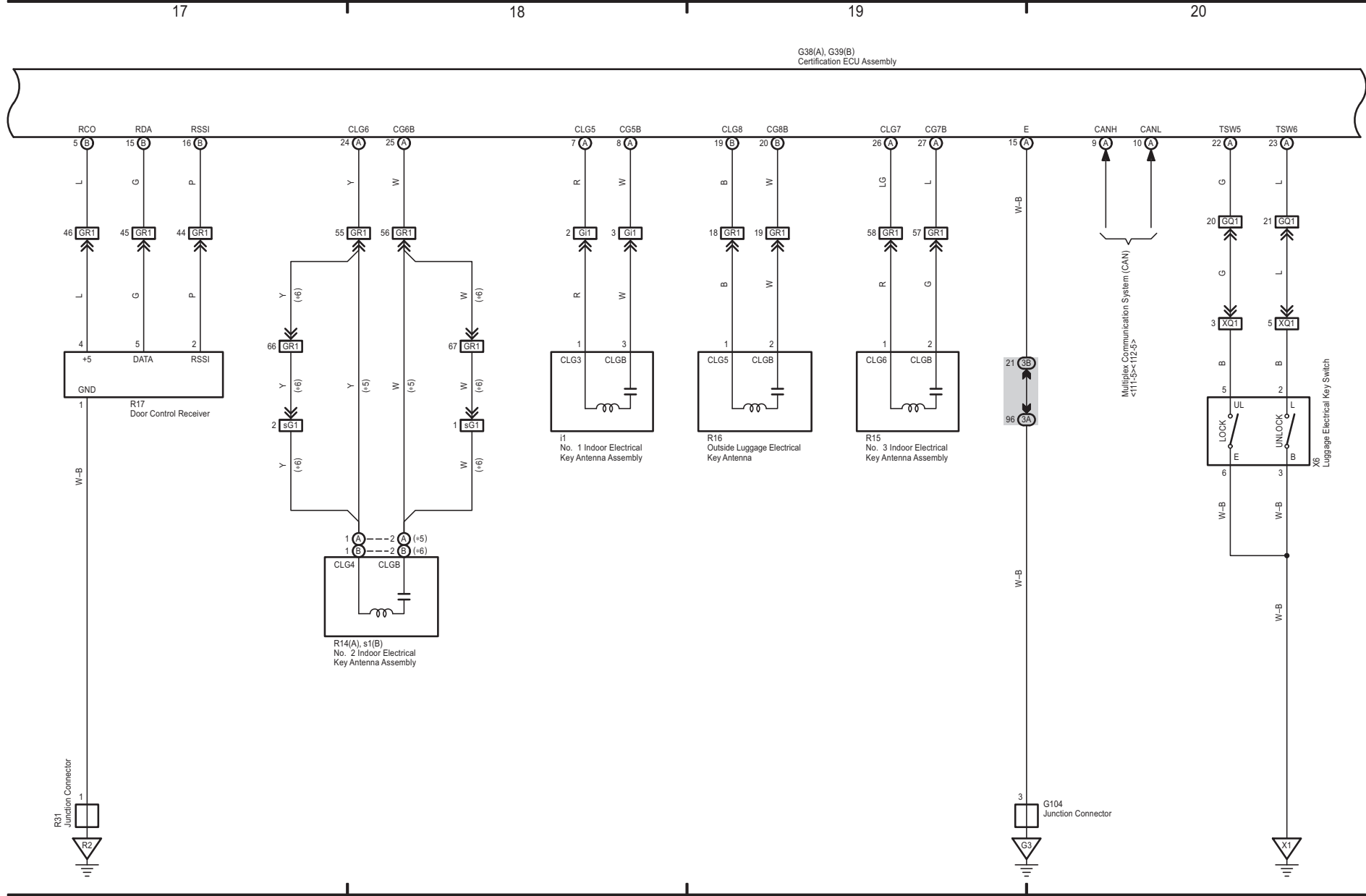
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*23 : 1GD-FTV w/ Urea SCR
*23 : Except *22



Starting (w/ Entry & Start System) (From Jun. 2015 until Aug. 2017 Production), Steering Lock (w/ Entry & Start System) (From Jun. 2015 until Aug. 2017 Production), Engine Immobiliser System (w/ Entry & Start System) (From Jun. 2015 until Aug. 2017 Production), Entry & Start System (From Jun. 2015 until Aug. 2017 Production), Wireless Door Lock Control (w/ Entry & Start System) (From Jun. 2015 until Aug. 2017 Production)



100 LAND CRUISER / LAND CRUISER PRADO (Cont'd)

Starting (w/ Entry & Start System) (From Jun. 2015 until Aug. 2017 Production), Steering Lock (w/ Entry & Start System) (From Jun. 2015 until Aug. 2017 Production), Engine Immobiliser System (w/ Entry & Start System) (From Jun. 2015 until Aug. 2017 Production), Entry & Start System (From Jun. 2015 until Aug. 2017 Production), Wireless Door Lock Control (w/ Entry & Start System) (From Jun. 2015 until Aug. 2017 Production)

