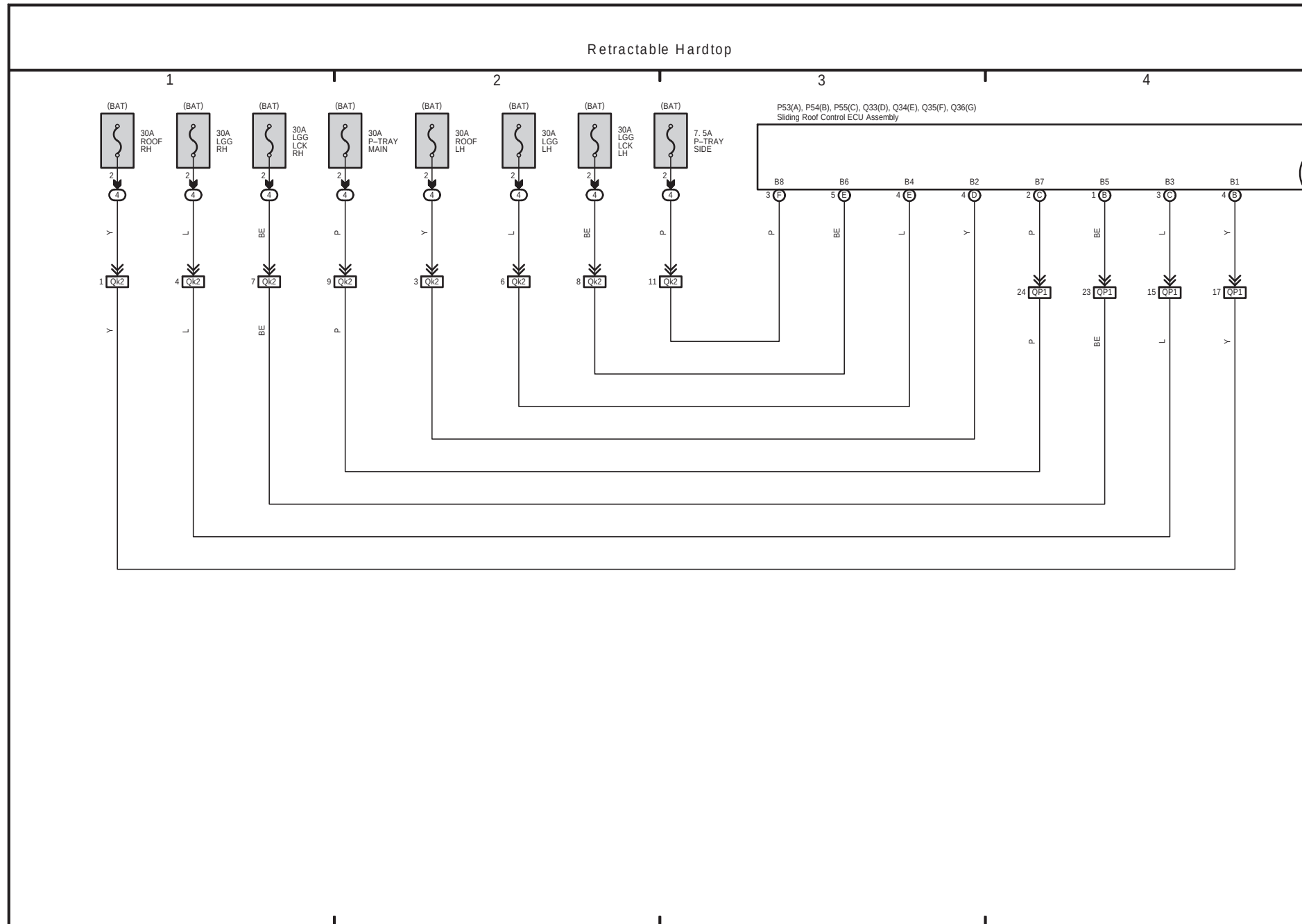




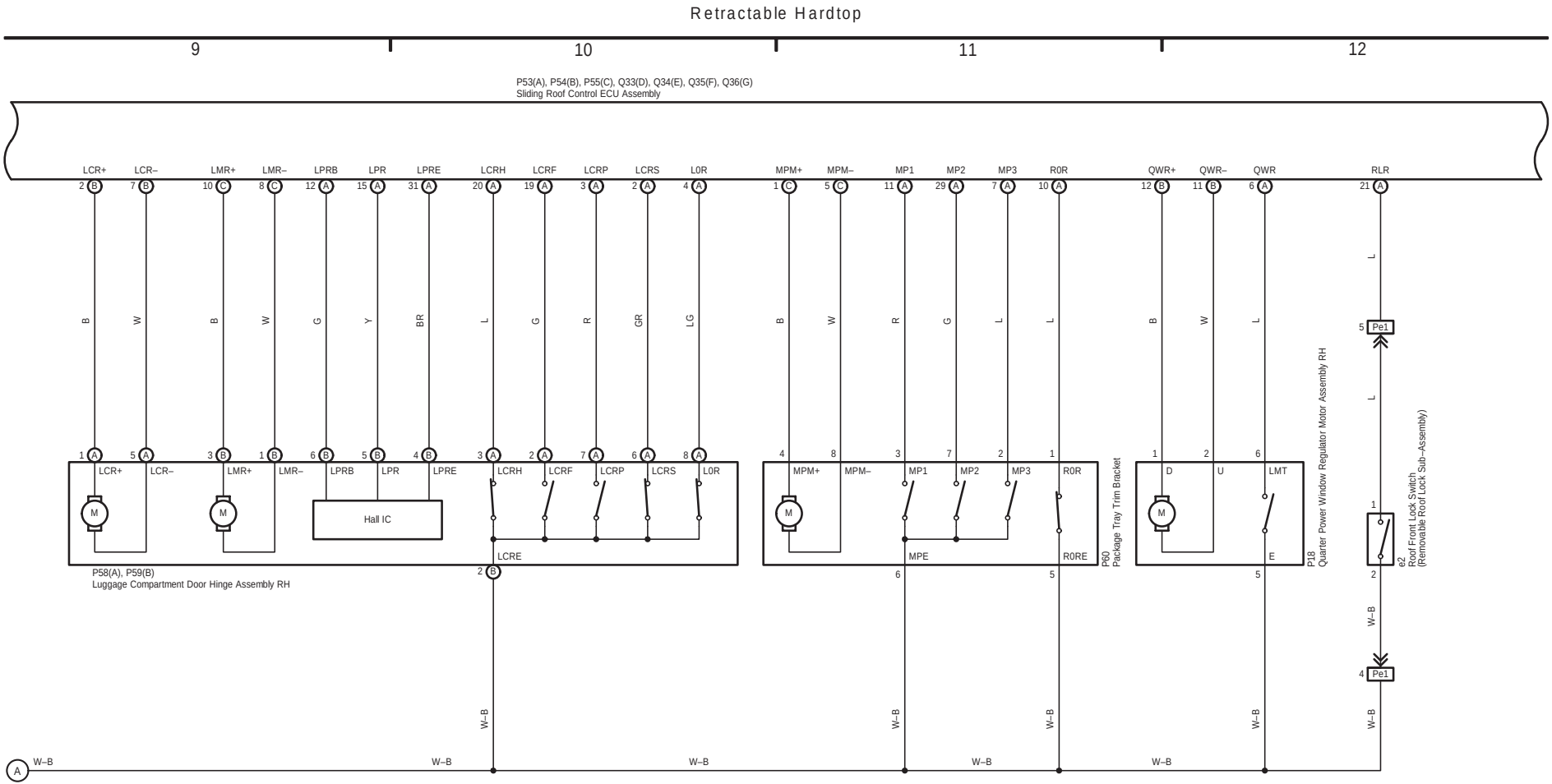
The diagram illustrates the electrical system for the Sliding Roof Control ECU Assembly. It shows the following components and their connections:

- ECU Assembly:** The central control unit with pins 18 (TR2), 22 (TR2E), 3 (HLM+), 8 (HLM-), 2 (3LM+), 8 (3LM-), 5 (RMR+), 10 (RMR-), 27 (RPRB), 14 (RPR), 30 (RPRE), 26 (RH2), 4 (R3R+), 7 (R3R-), 28 (R3RB), 16 (R3R), 32 (R3RE), and 13 (R3H1).
- Under Side Tonneau Cover Switch (Deck Side Trim Box RH):** Connected to pin 18 (TR2) via wire R and pin 22 (TR2E) via wire GR. The switch has terminals 1 and 2.
- Roof Front Lock Motor (Sliding Roof Drive Gear Sub-Assembly):** Connected to pin 3 (HLM+) via wire B and pin 8 (HLM-) via wire W. The motor has terminals 1 and 2.
- Roof Rear Lock Motor (Sliding Roof Drive Gear Sub-Assembly):** Connected to pin 2 (3LM+) via wire B and pin 8 (3LM-) via wire W. The motor has terminals 1 and 2.
- Roof Panel Strength Sub-Assembly RH:** Contains a Hall IC and a switch. Connected to pins 5 (RMR+), 10 (RMR-), 27 (RPRB), 14 (RPR), 30 (RPRE), and 26 (RH2). The switch has terminals 1 (RHRE) and 5 (RH2).
- Slide Roof Motor Assembly RH:** Contains a Hall IC and a switch. Connected to pins 4 (R3R+), 7 (R3R-), 28 (R3RB), 16 (R3R), 32 (R3RE), and 13 (R3H1). The switch has terminals 1 (R3H1) and 5 (R3HE).

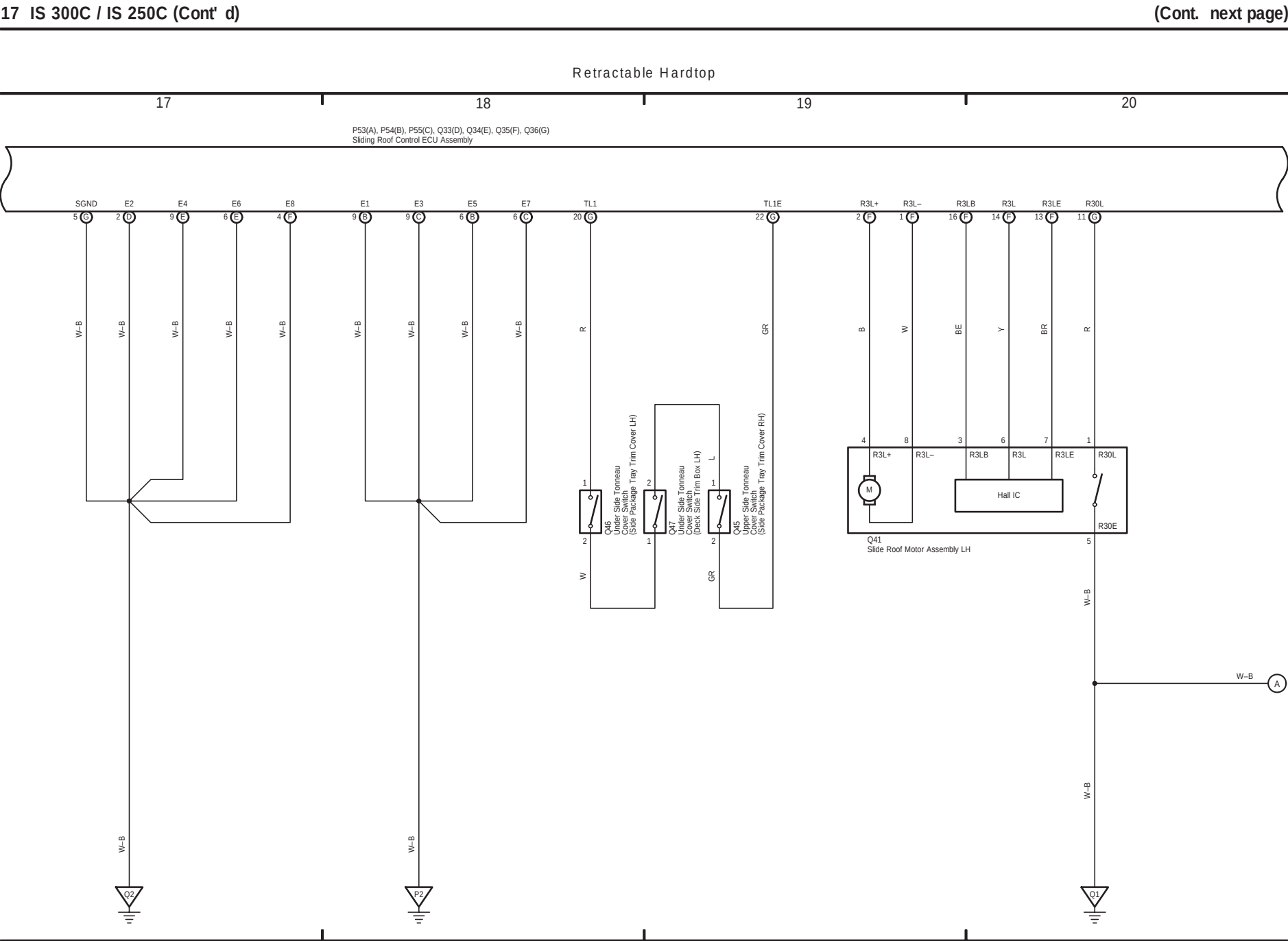
The diagram also shows ground connections for the motors and the Hall ICs, labeled P1 and P2.

P53(A), P54(B), P55(C), Q33(D), Q34(E), Q35(F), Q36(G)
Sliding Roof Control ECU Assembly

LEXUS IS 300C / IS 250C (EM13B4E)

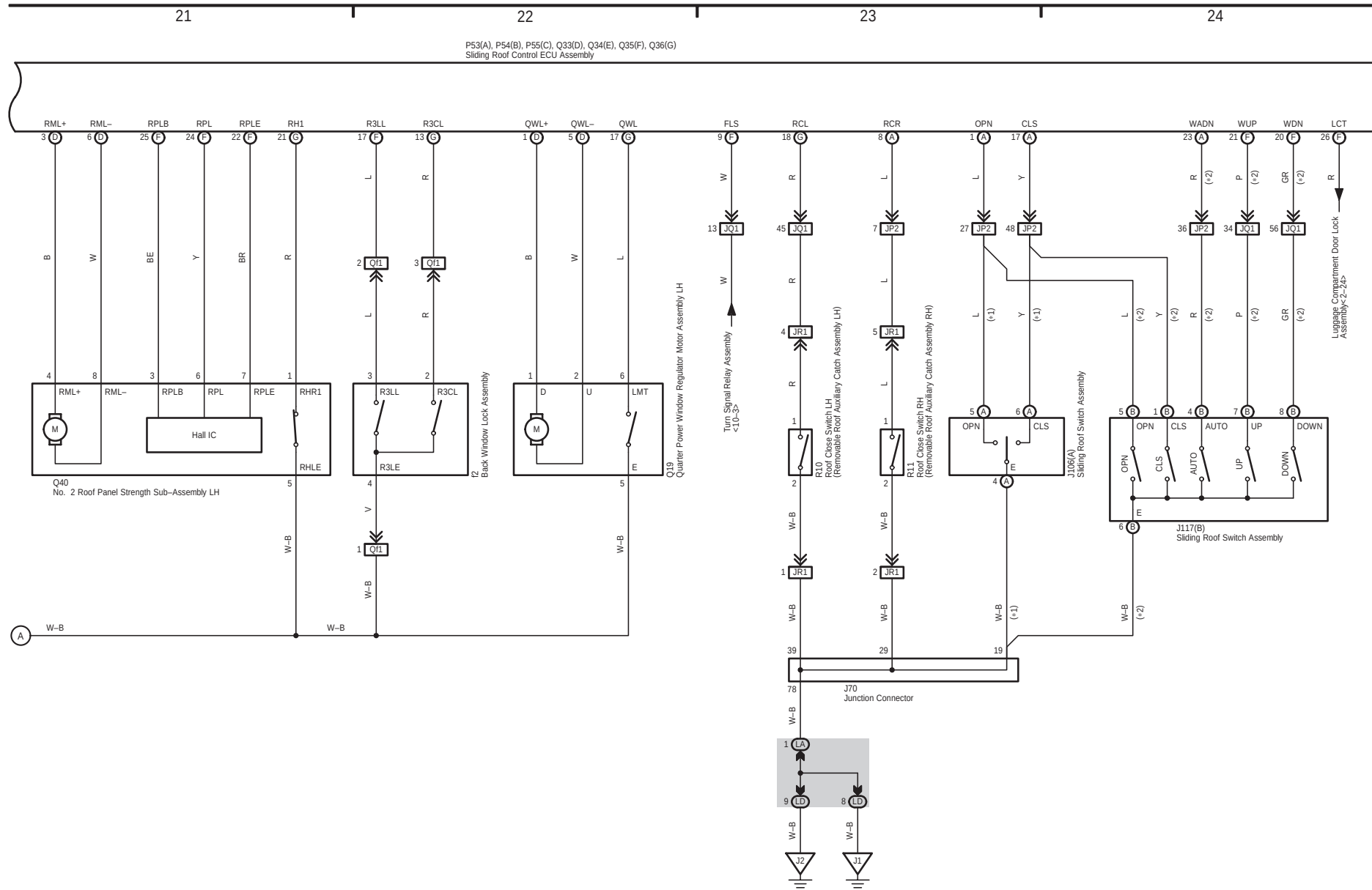






Retractable Hardtop

* 1 : Before Aug. 2010 Production
 * 2 : From Aug. 2010 Production



17 IS 300C / IS 250C (Cont' d)

Retractable Hardtop

