

QOS-III (4JG2)

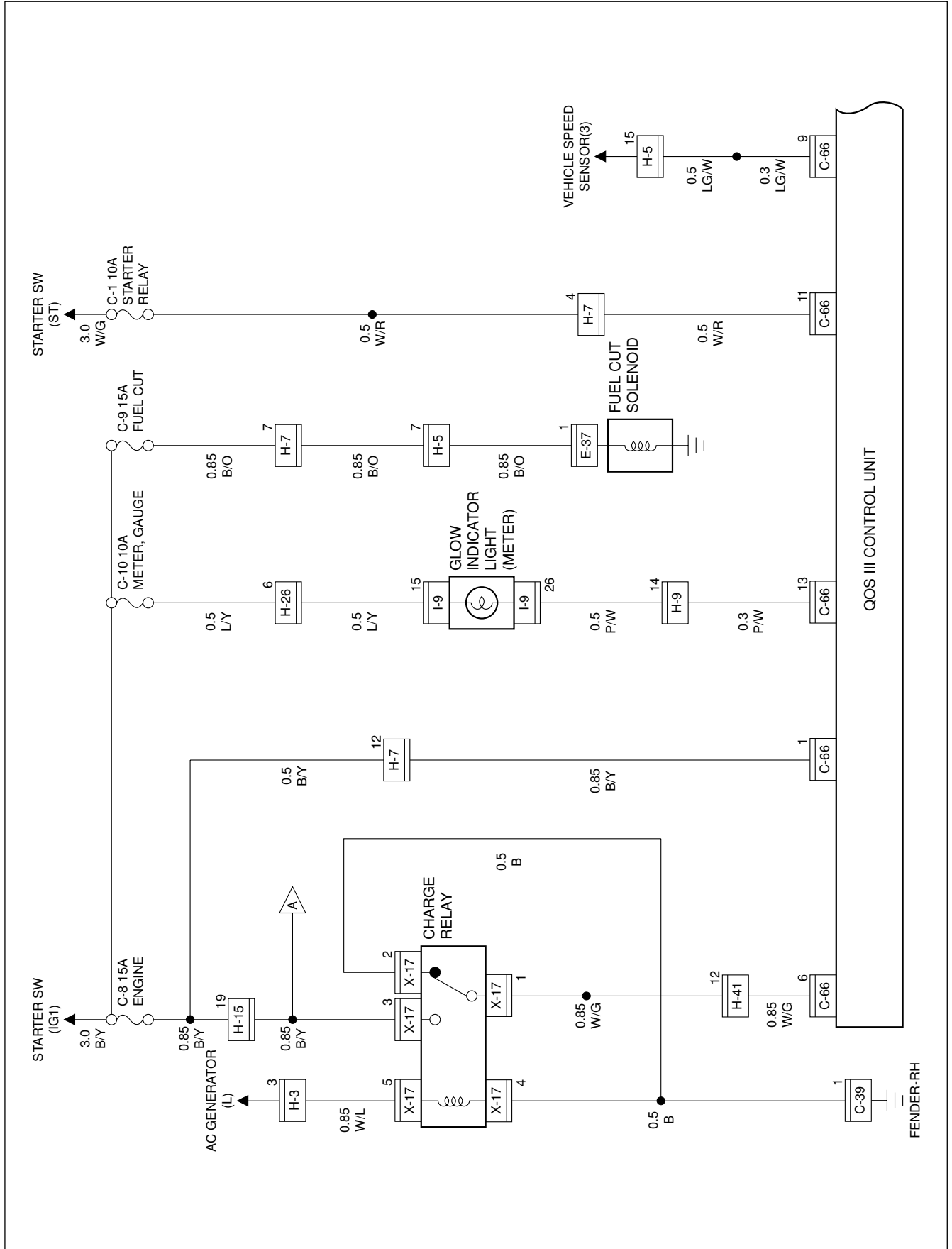
General Description

The circuit consists of the starter switch, QOS-III control unit, glow relay, charge relay, fuel cut solenoid, dropping resistor, thermo sensor, glow indicator light (meter), glow plug and car speed sensor. The engine coolant temperature at the time of the engine start-up is sensed by the thermo sensor to change the glow time so that the optimum starting conditions can always be obtained.

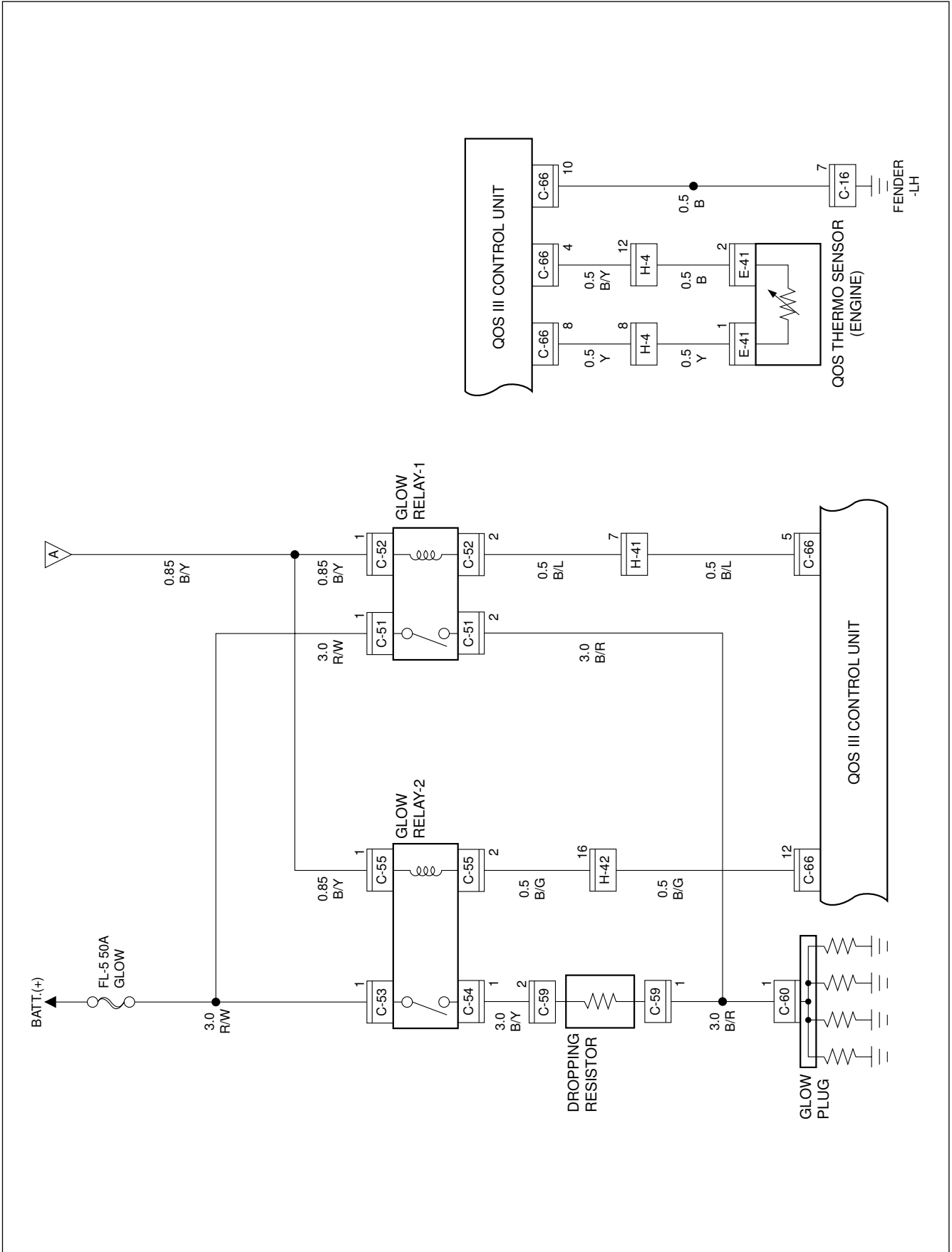
The idling speed just after the engine start-up can also be placed in the most suitable conditions in accordance with the coolant temperature by the operation of the delay timer.

The indicator timer is activated upon the starter switch turned to the ON position, and the indicator light comes on for as much time as suitable for the engine coolant temperature at the time of the engine start-up.

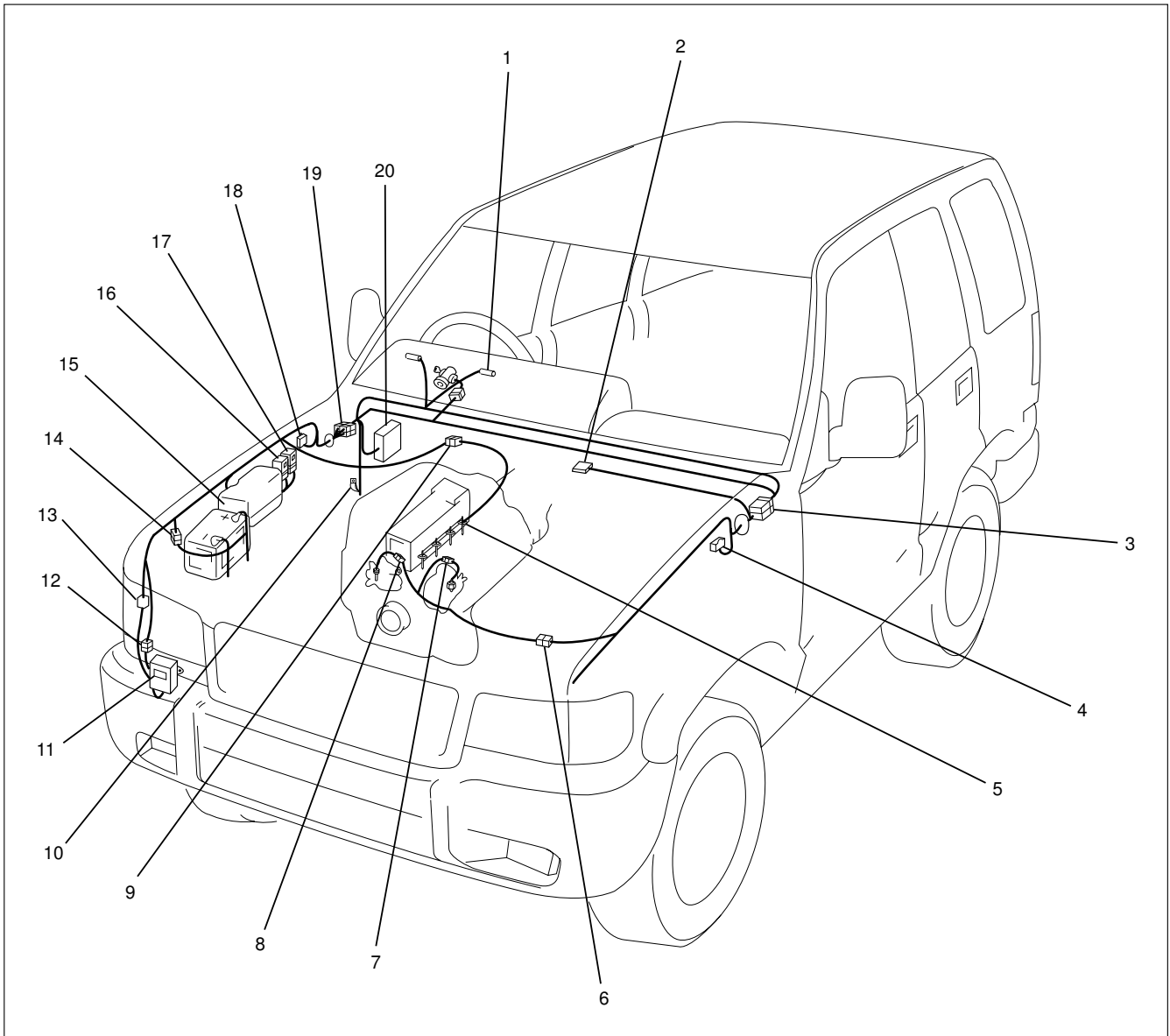
Circuit Diagram (RHD)-1



Circuit Diagram (RHD)-2



Parts Location (RHD)

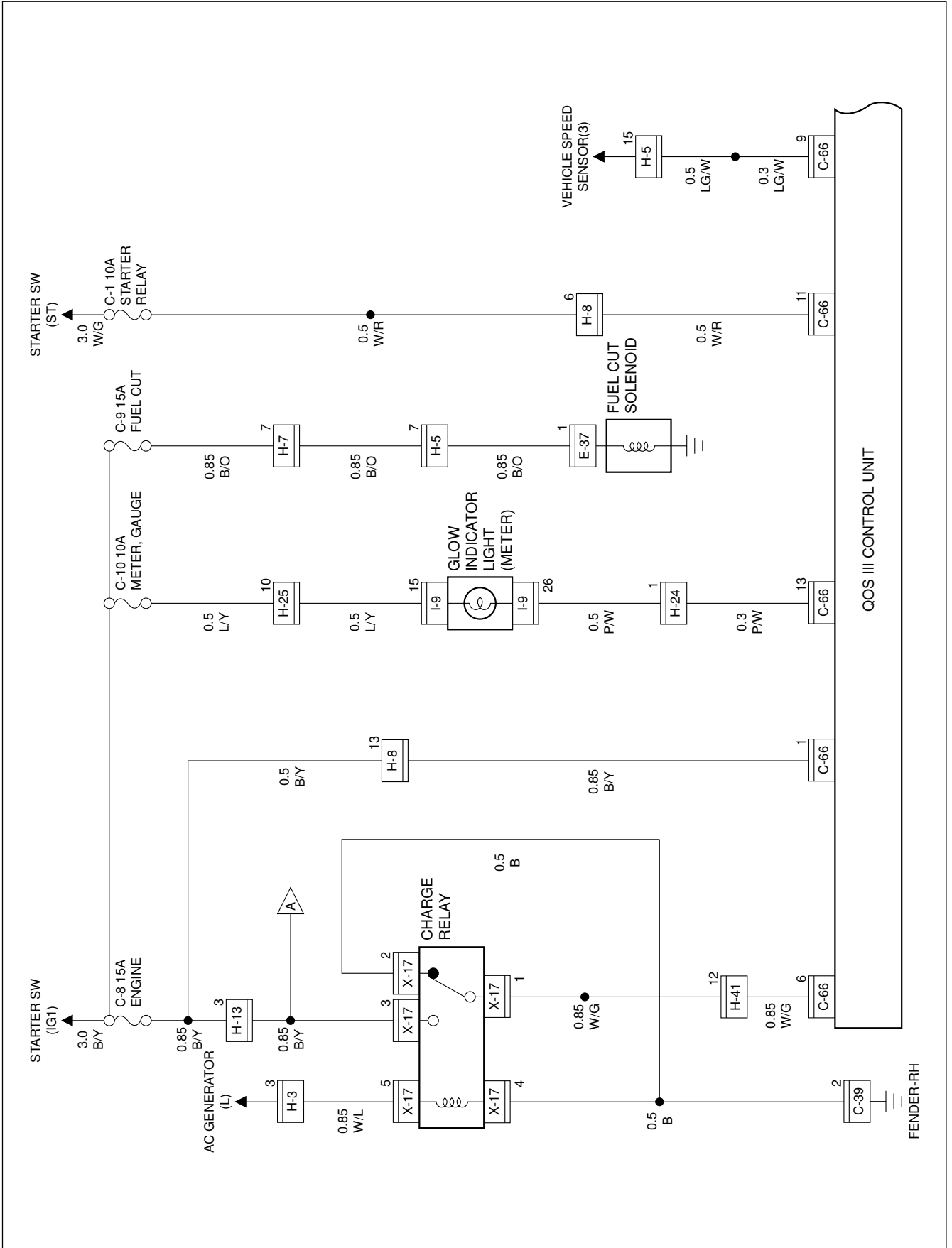


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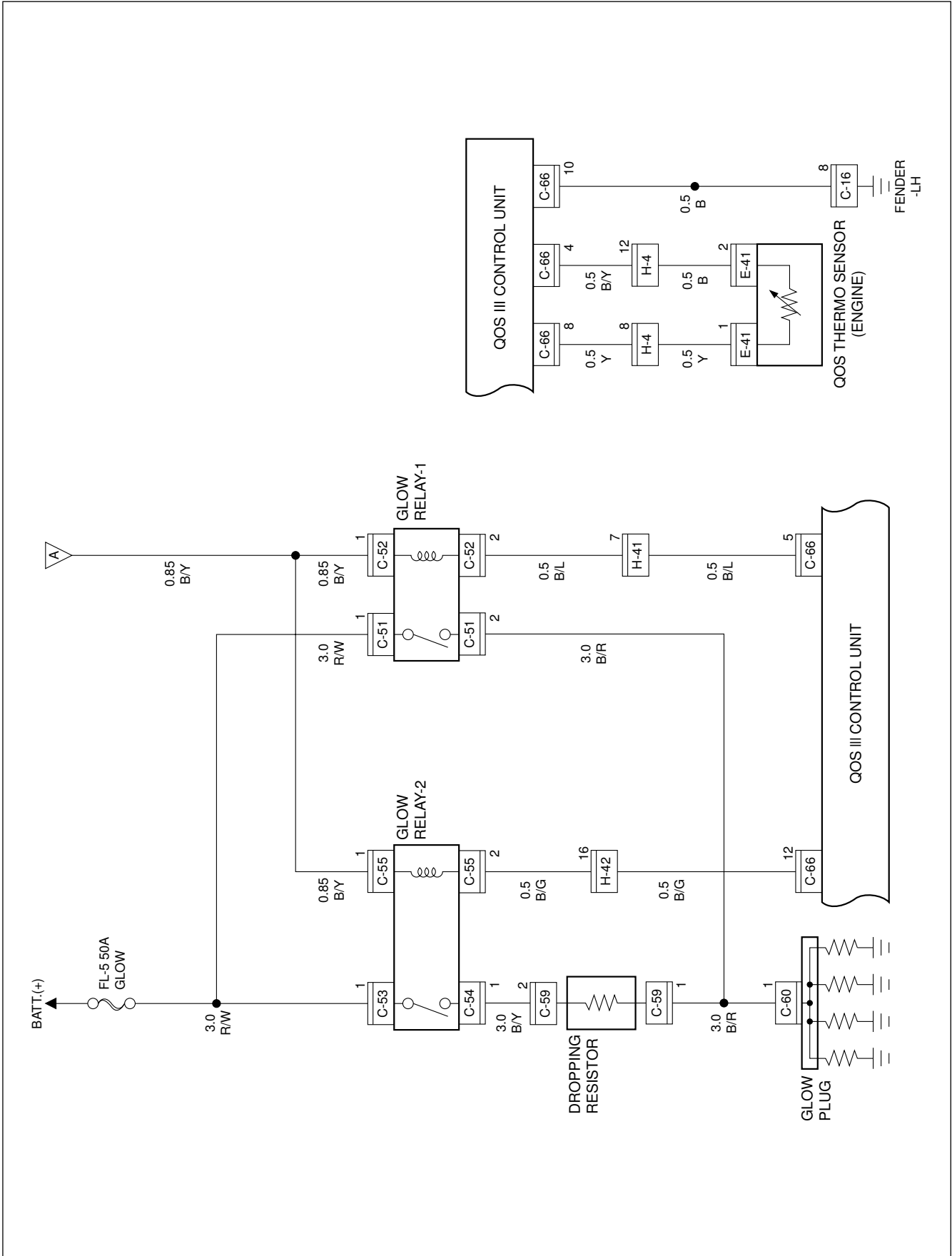
Legend

- | | |
|-------------------|--------------------------------------|
| (1) I-9 | (11) Dropping Resistor |
| (2) C-66 | (12) C-59 |
| (3) H-7, H-9 | (13) H-41, H-42 |
| (4) C-16 | (14) H-3 |
| (5) Glow Plug × 4 | (15) Relay and Fuse Box (X-17) |
| (6) H-4, H-5 | (16) Glow Relay-1 (C-51, C-52) |
| (7) E-37 | (17) Glow Relay-2 (C-53, C-54, C-55) |
| (8) E-41 | (18) C-39 |
| (9) C-60 | (19) H-15, H-26 |
| (10) B-19 | (20) Fuse Box |

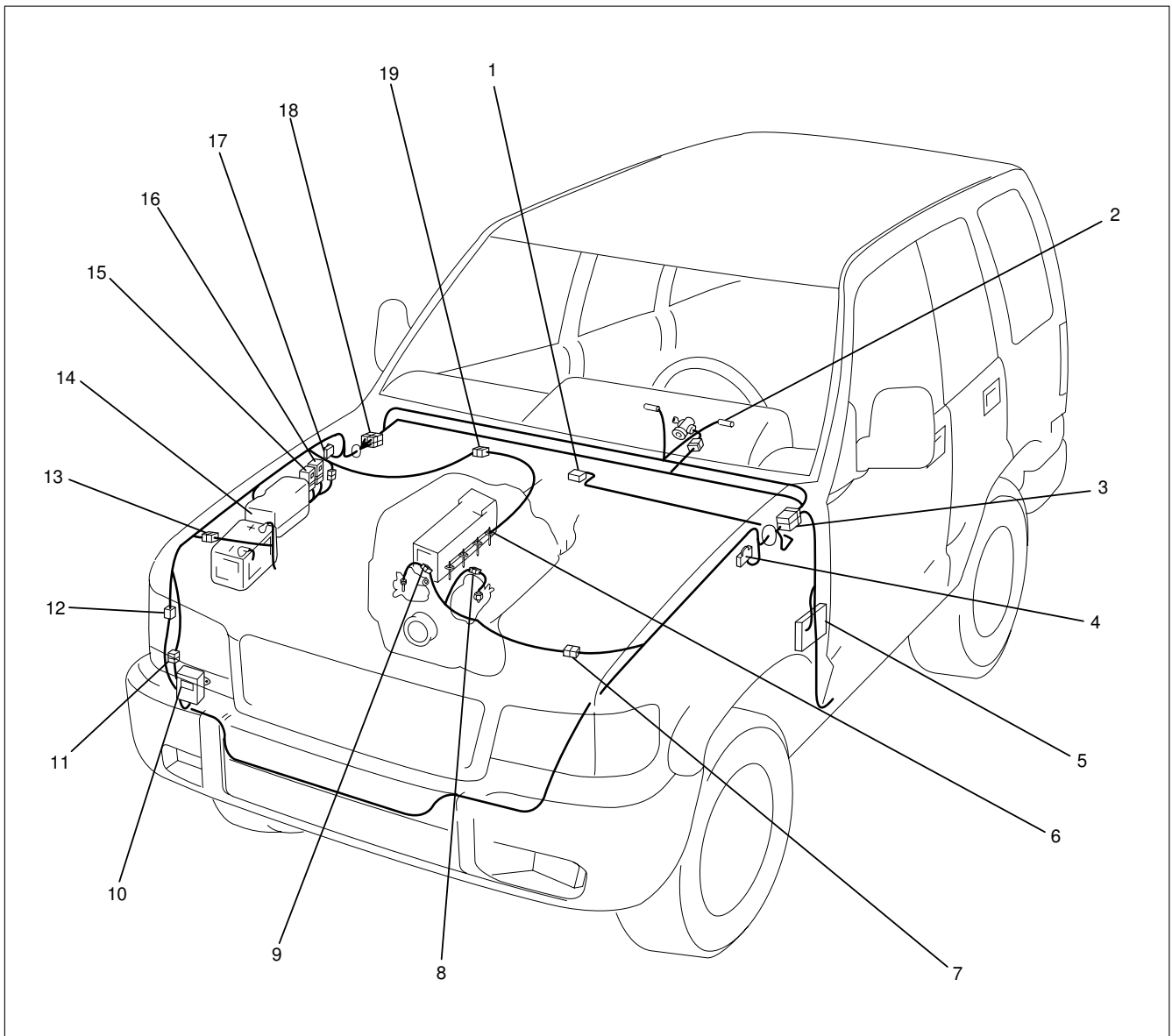
Circuit Diagram (LHD)-1



Circuit Diagram (LHD)-2



Parts Location (LHD)



D08RWA26

Legend

- | | |
|--------------------------|--------------------------------------|
| (1) C-66 | (10) Dropping Resistor |
| (2) I-9 | (11) C-59 |
| (3) H-7, H-8, H-24, H-25 | (12) H-41, H-42 |
| (4) C-16 | (13) H-3 |
| (5) Fuse Box | (14) Relay and Fuse Box (X-17) |
| (6) Glow Plug x 4 | (15) Glow Relay-1 (C-51, C-52) |
| (7) H-4, H-5 | (16) Glow Relay-2 (C-53, C-54, C-55) |
| (8) E-37 | (17) C-39 |
| (9) E-41 | (18) H-13 |
| | (19) C-60 |

QOS and EGR System (4JG2)

General Description

The circuit consists of the starter switch, QOS/EGR control unit, glow relay, charge relay, fuel cut solenoid, dropping resistor, thermo sensor, glow indicator light (meter), glow plug, vehicle speed sensor, tacho sensor, throttle position sensor, EVRV and VSV; EGR.

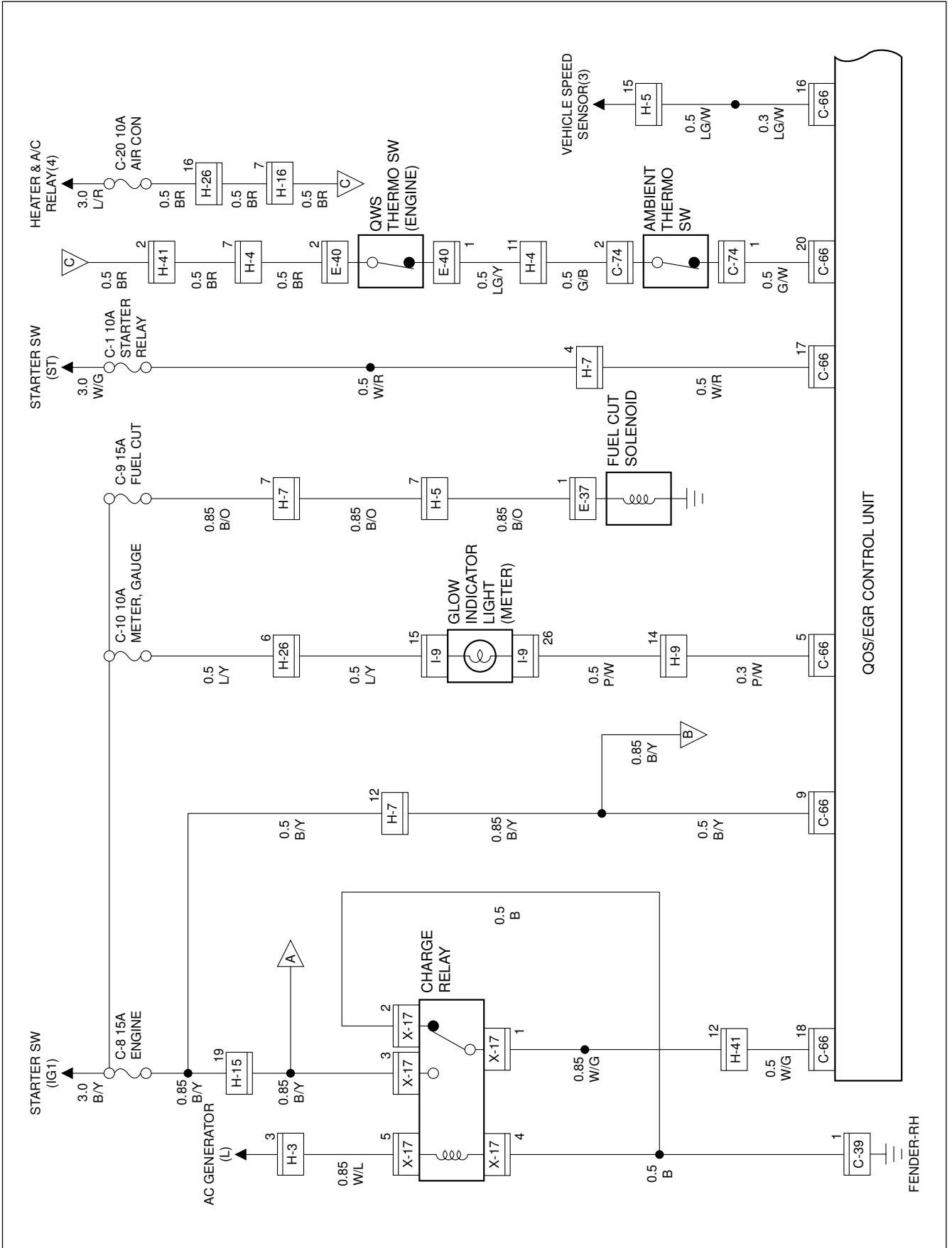
The engine coolant temperature at the time of the engine start-up is sensed by the thermo sensor to change the glow time so that the optimum starting conditions can always be obtained.

The idling speed just after the engine start-up can also be placed in the most suitable conditions in accordance with the coolant temperature by the operation of the delay timer.

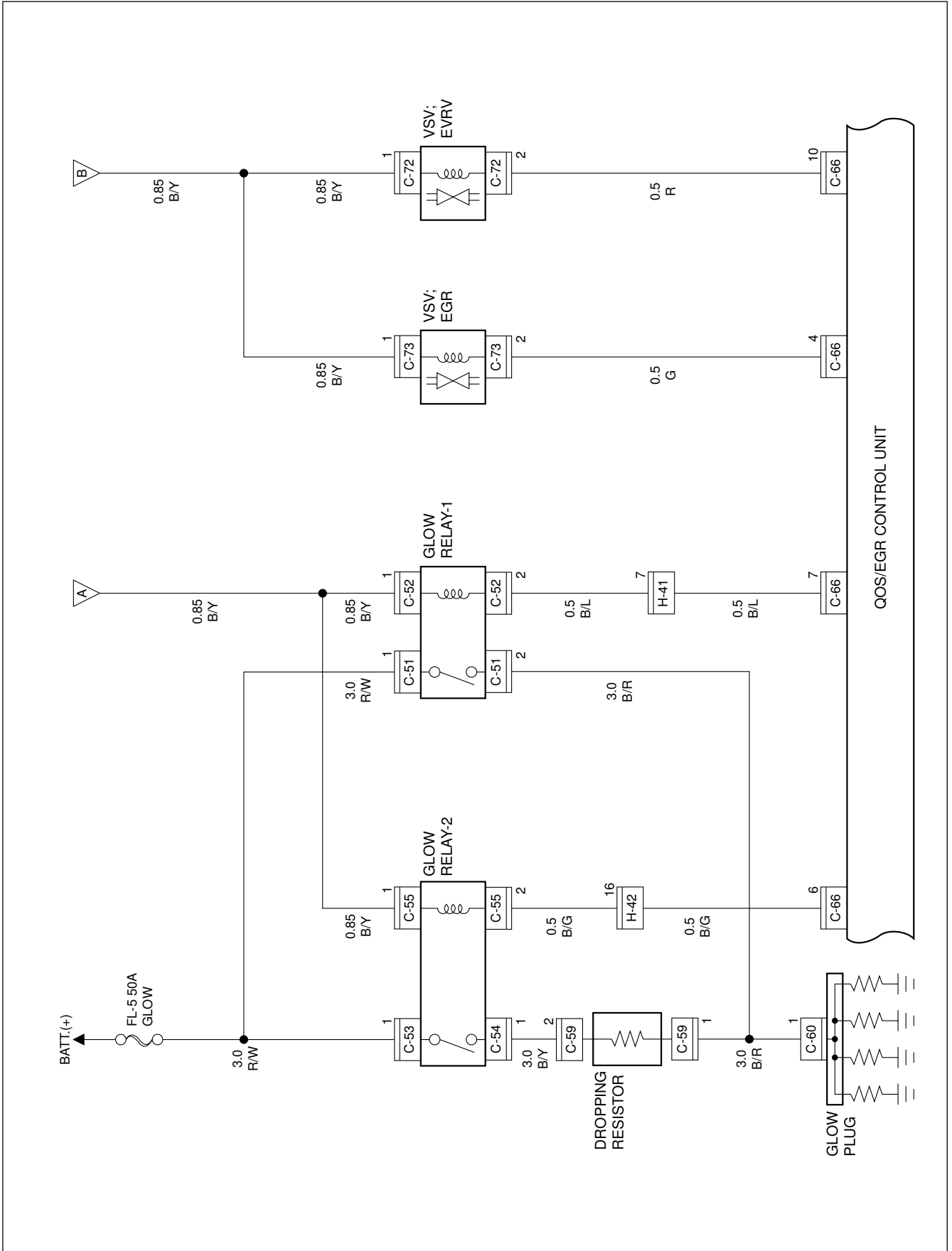
The indicator timer is activated upon the starter switch turned to the ON position, and the indicator light comes on for as much time as suitable for the engine coolant temperature at the time of the engine start-up.

EGR system controls the information of NOx by returning a small amount of exhaust gas from the intake manifold to the combustion chamber through the EGR valve.

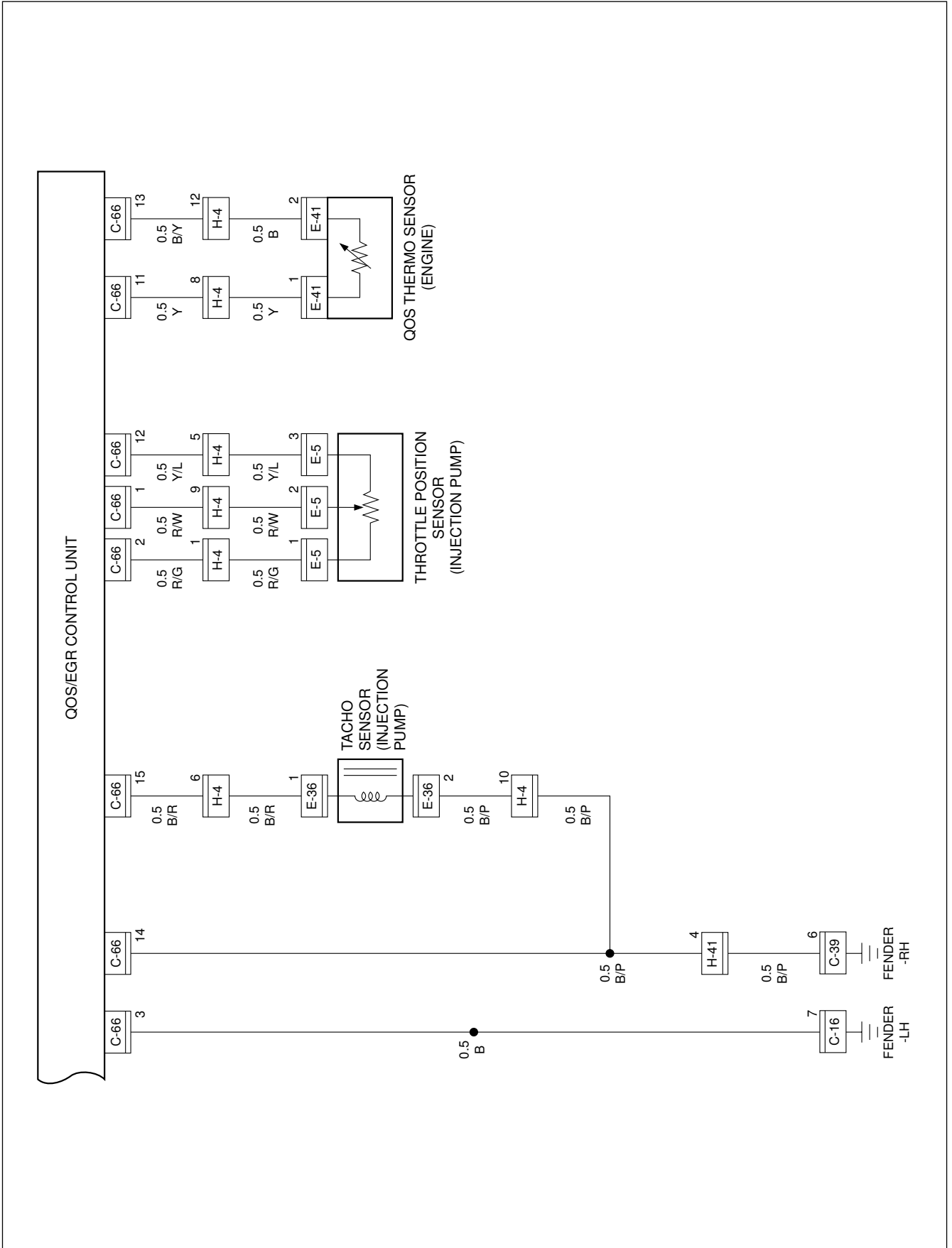
Circuit Diagram (RHD)-1



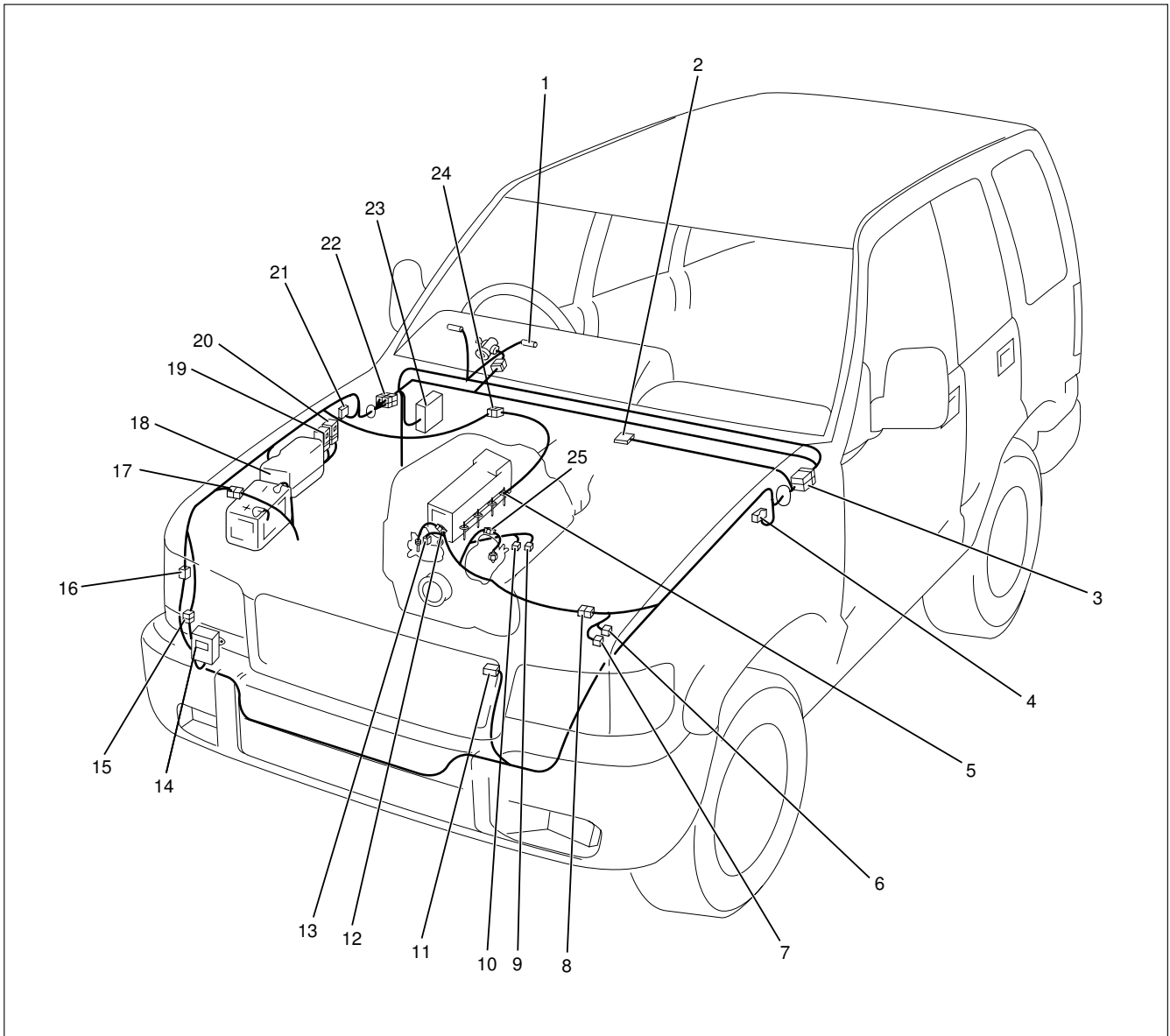
Circuit Diagram (RHD)-2



Circuit Diagram (RHD)-3



Parts Location (RHD)

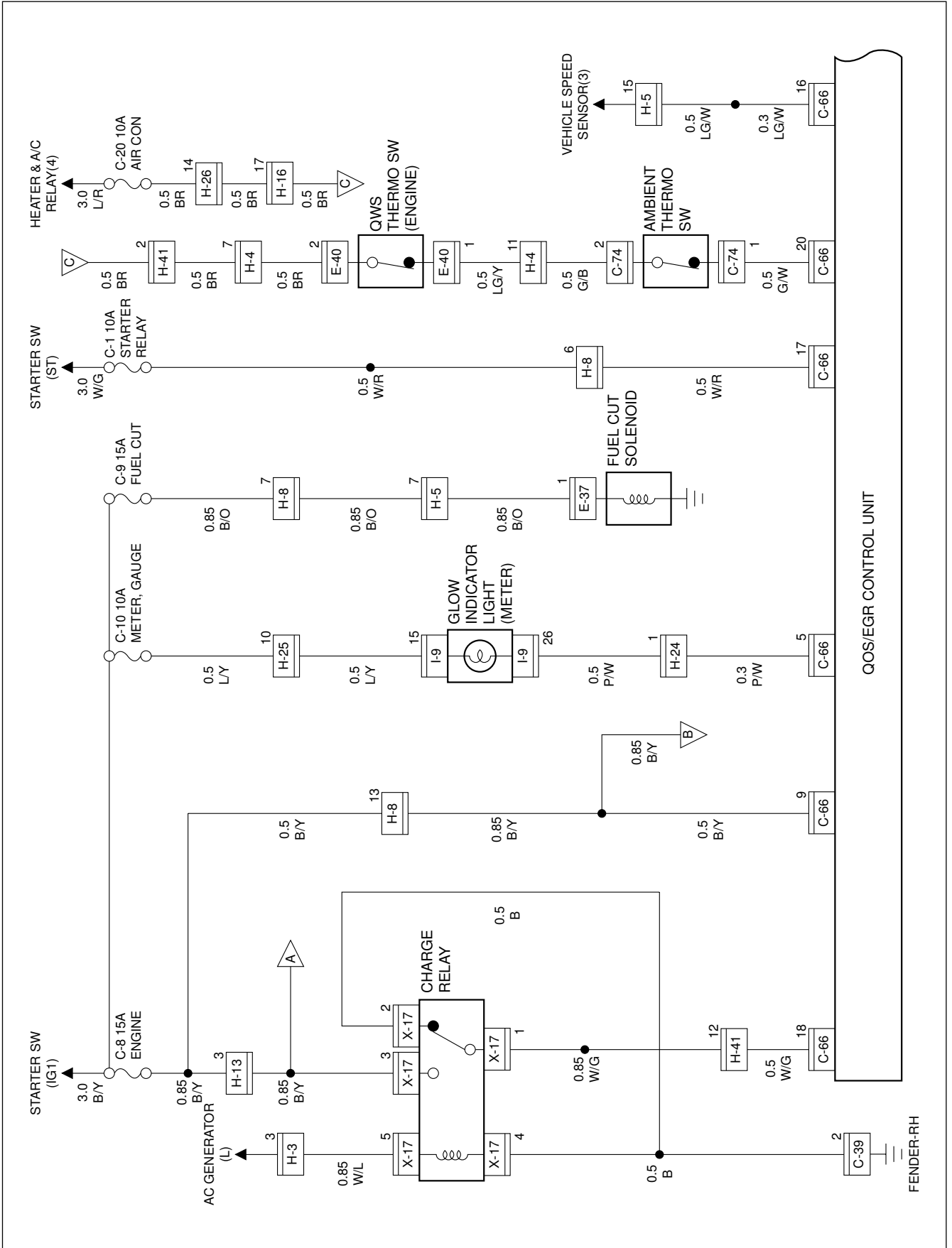


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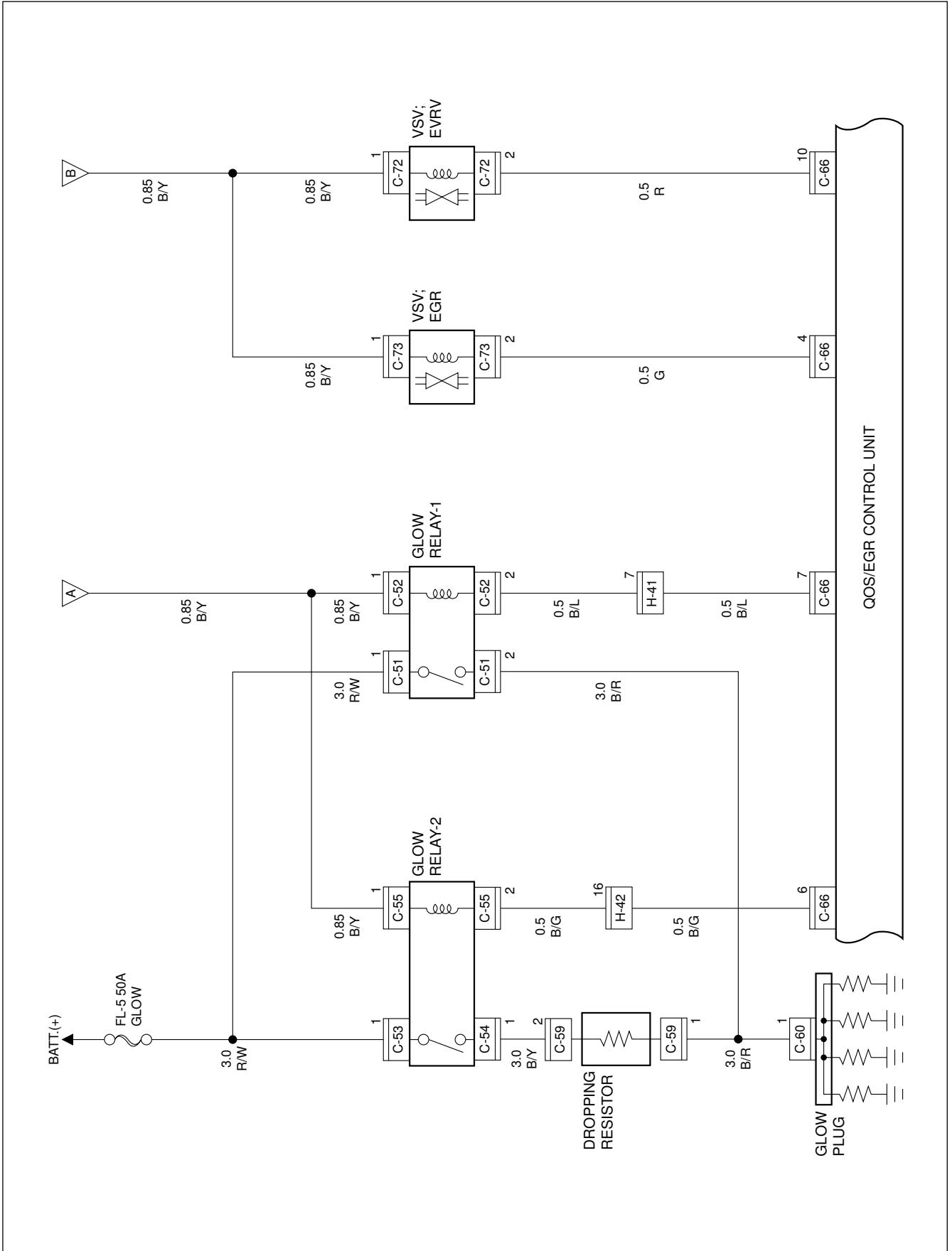
Legend

- | | |
|---------------------------------|--------------------------------------|
| (1) I-9 | (13) E-40 |
| (2) C-66 (QOS/EGR Control Unit) | (14) Dropping Resistor |
| (3) H-7, H-9 | (15) C-59 |
| (4) C-16 | (16) H-41, H-42 |
| (5) Glow Plug | (17) H-3 |
| (6) C-72 | (18) Relay and Fuse Box (X-17) |
| (7) C-73 | (19) C-51, C-52 (Glow Relay-1) |
| (8) H-4, H-5 | (20) C-53, C-54, C-55 (Glow Relay-2) |
| (9) E-36 | (21) C-39 |
| (10) E-5 | (22) H-15, H-16, H-26 |
| (11) C-74 | (23) Fuse Box |
| (12) E-41 | (24) C-60 |
| | (25) E-37 |

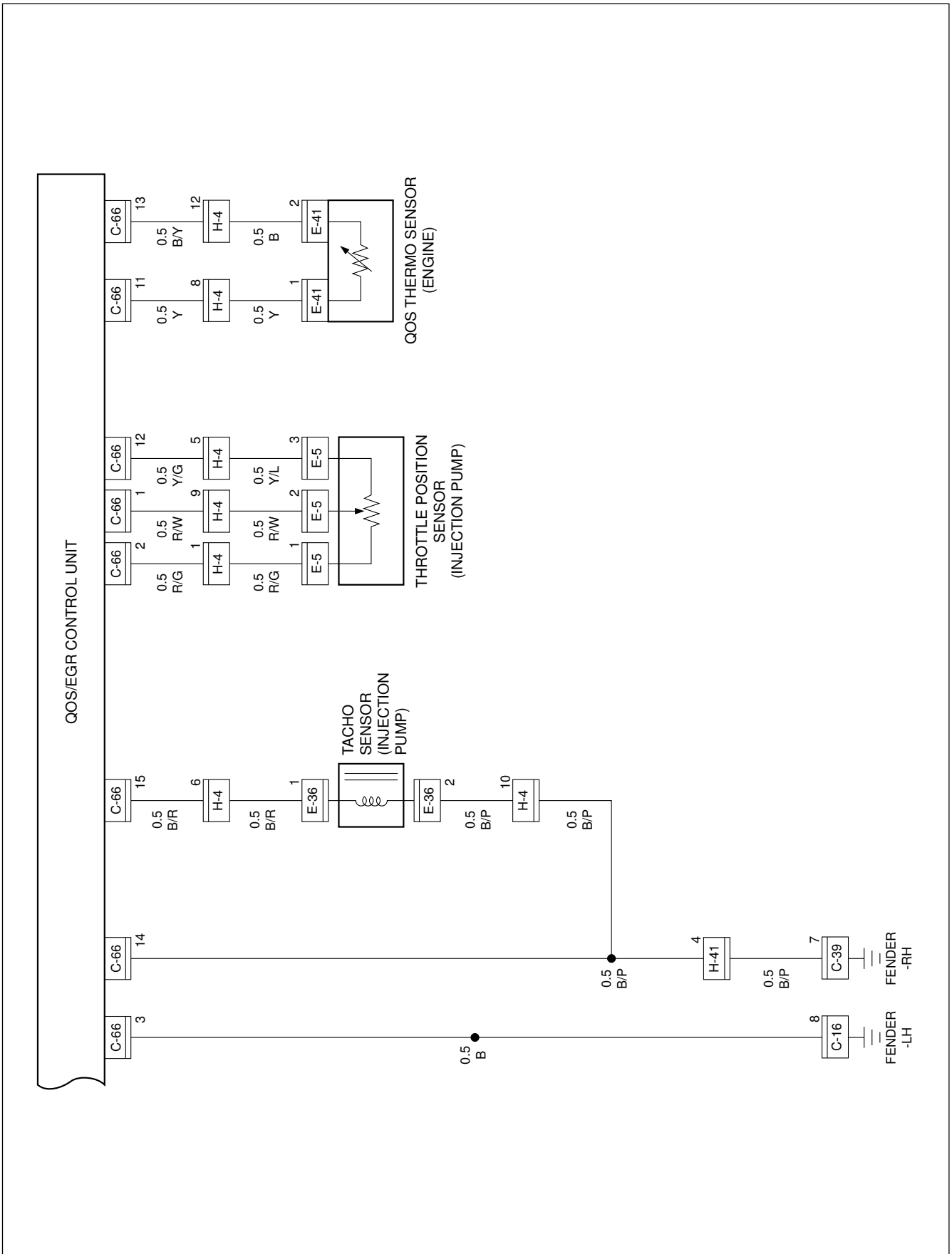
Circuit Diagram (LHD)-1



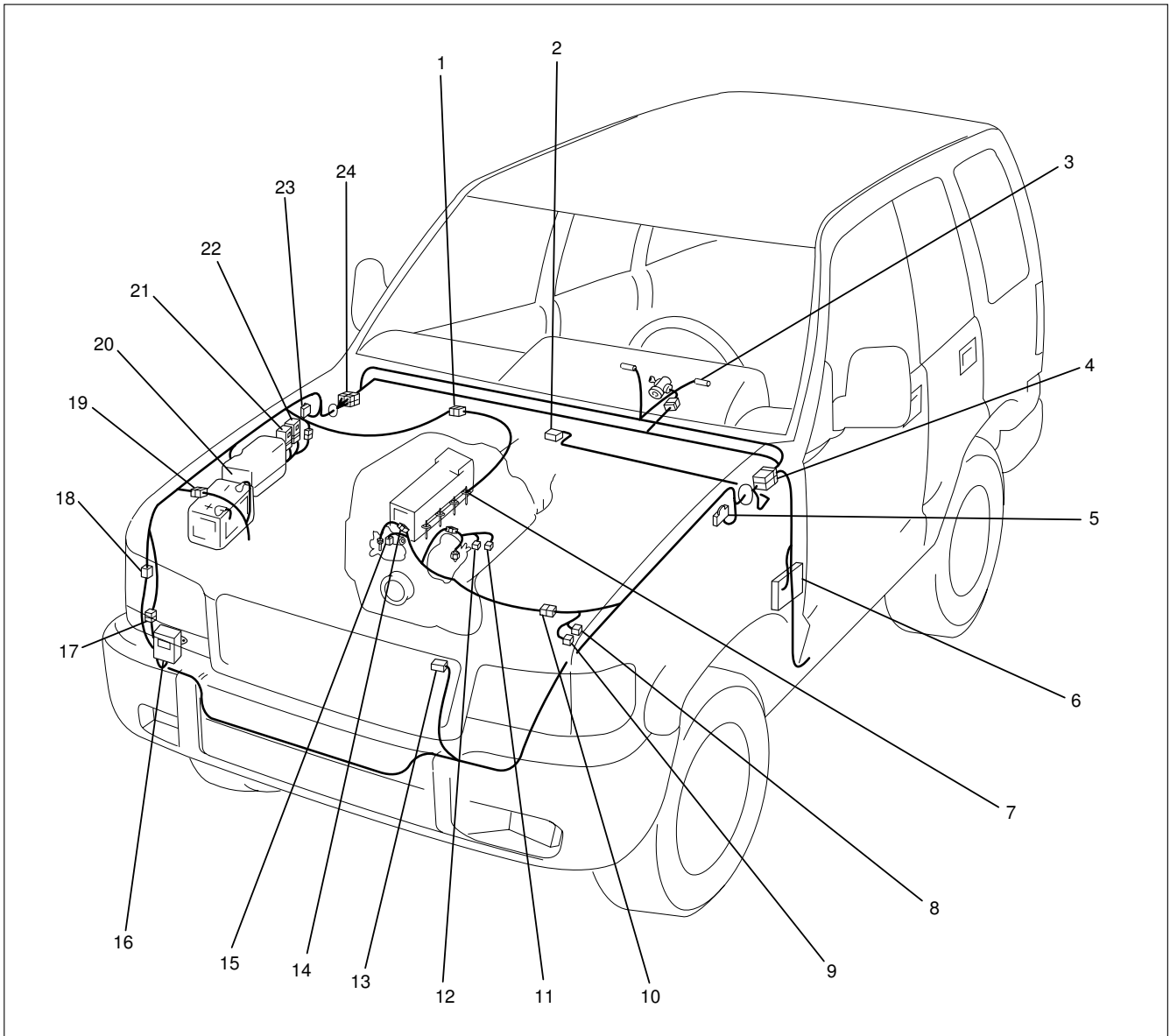
Circuit Diagram (LHD)-2



Circuit Diagram (LHD)-3



Parts Location (LHD)



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Legend

- | | |
|---------------------------------|--------------------------------------|
| (1) C-60 | (13) C-74 |
| (2) QOS/EGR Control Unit (C-66) | (14) E-41 |
| (3) I-9 | (15) E-40 |
| (4) H-8, H-24, H-25, H-26 | (16) Dropping Resister |
| (5) C-16 | (17) C-59 |
| (6) Fuse Box | (18) H-41, H-42 |
| (7) Glow Plug × 4 | (19) H-3 |
| (8) C-72 | (20) Relay and Fuse Box (X-17) |
| (9) C-73 | (21) Glow Relay-1 (C-51, C-52) |
| (10) H-4, H-5 | (22) Glow Relay-2 (C-53, C-54, C-55) |
| (11) E-36 | (23) C-39 |
| (12) E-5 | (24) H-13, H-16 |