

Air Suspension

The diagram illustrates the electrical and pneumatic connections for the Air Suspension system. It is organized into four main sections:

- Section 1 (Left):** Shows the 50A AIR SUS battery (BAT) connected to the system. It includes the AIR SUS Relay and the A63 Junction Connector.
- Section 2 (Middle):** Details the wiring for the No. 1 Height Control Valve Sub-Assembly (A10) and the No. 2 Height Control Valve Sub-Assembly (Q1). It shows the internal solenoid valves (AO2, QO1) and their connections to the air supply and ground.
- Section 3 (Right):** Shows the 20A AIR SUS battery (BAT) and the 10A ECU IG1. It includes the A67 Junction Connector and the A63 Junction Connector.
- Section 4 (Far Right):** Details the Front Height Control Sensor Sub-Assemblies (A38 LH and A39 RH). It shows the connections for the sensors (SHFL, SHB, SHG) and the suspension control ECU (A54(A), A55(B), A56(C)).

The diagram also shows the connections for the Height Control Valve Harness Assembly (Q27(A) P24(B)) and the Pneumatic with Tube Tank Assembly (O11). The system is grounded to the chassis at multiple points (A6, A10, A11, P5, O2).

(BAT)

50A
AIR SUS

(BAT)



20A
AIR SUS

2 (2F)

(IG)

10A
ECU IG1

A38
Front Height Control Sensor
Sub-Assembly LH

SHFL	SHB	SHG
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A39
Front Height Control Sensor
Sub-Assembly RH

SHFR	SHB	SHG
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A54(A), A55(B), A56(C)
Suspension Control ECL

O27(A), P24(B)
Height Control Valve Harness Assembly

O11
Pneumatic with Tube Tank Assembly

031
Junction
Connector

Air Suspension

