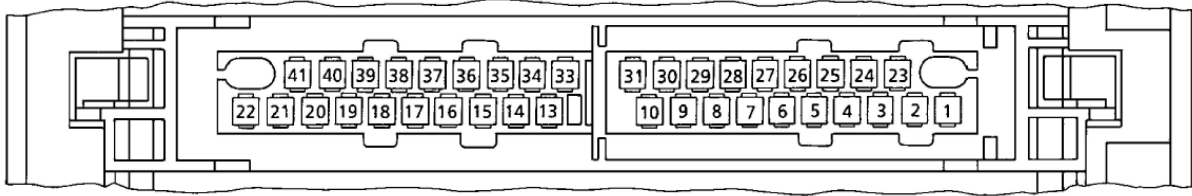


N51 connector pinout



- 1 Steering angle sensor (N49)
- 2 Diagnostics (output)
- 3 ADS MIL (AI e27)
- 4 -8 Not used
- 9 Rear axle solenoid valve 1 (Y53y1, Y54y1) (+)
- 10 Rear axle solenoid valve 2 (Y53y2, Y54y2) (+)
- 11-13 Not used
- 14 Oil level switch (S44)
- 15 Wheel acceleration sensor (B24/1) (+)
- 16 Body acceleration sensor (B24) (+)
- 17 Ride height solenoid (+)
- 18 Ride height solenoid (+)
- 19 Front axle solenoid valve 2 (Y51y2) (+)
- 20 Front axle solenoid valve (Y51y1, Y51y2) (—)
- 21 Front axle solenoid valve 1 (Y51y1) (+)
- 22 Front axle solenoid valve 1 (Y52y1) (+)
- 23 Processed VSS from ABS or ABS/ASR control module (N30 or N30/1)
- 24 Ride height switch UP
- 25 Comfort/sport switch (S45/1), Sport setting
- 26 Comfort/sport switch (S45/1), Comfort setting
- 27 Ride height switch DOWN
- 28,29 Voltage supply, circuit 87
- 30 Rear axle solenoid valve (Y53y1, Y53y2, Y54y1, Y54y2) (-)
- 31 Ground (W15)
- 32-34 Not used
- 35 Wheel acceleration sensor (B24/1) (—)
- 36 Wheel acceleration sensor (B24/1) (—)
- 37 Ride height solenoid (—)
- 38 Body acceleration sensor (B24) (—)
- 39 Body acceleration sensor (B24) (—)
- 40 Front axle solenoid valve 2 (Y52y2) (+)
- 41 Front axle solenoid valve (Y52y1, Y52y2) (—)

Note that numbering of pins is the same on wire harness connector and ECU connector.