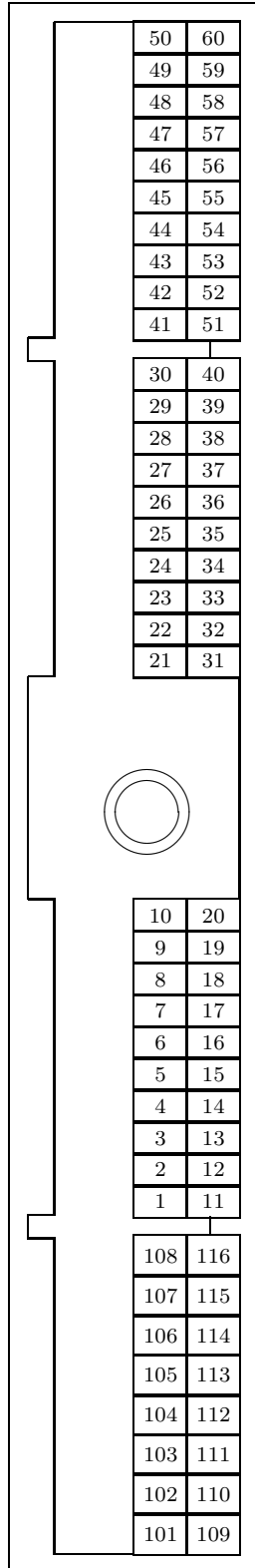


Pin Diagram for the 300ZX (Z32) Engine Control Unit

Compiled by Karl Petre <www.karljapetre.com>.

January 5, 2009



- | | |
|------------------------------------|---|
| 50. Chassis Ground | 60. Chassis Ground |
| 49. Power Supply | 59. Power Supply |
| 48. Throttle Position Switch | 58. Power Supply |
| 47. Diagnostic Short | 57. Throttle Valve Switch (12V Feed) |
| 46. Air Conditioning Control | 56. A/T Controller |
| 45. IGN | 55. Left O ₂ Sensor |
| 44. A/T M/T Neutral | 54. Throttle Valve Switch (Idle Position) |
| 43. Start Signal | 53. Vehicle Speed Sensor |
| 42. CAS Position Signal | 52. CAS Position Signal |
| 41. CAS Reference Signal | 51. CAS Reference Signal |
| 30. Engine Temp. and TPS Ground | 40. A/T Controller |
| 29. Right O ₂ Sensor | 39. (No Connection) |
| 28. Engine Coolant Temp. Sensor | 38. TPS |
| 27. MAF Sensor Signal | 37. (No Connection) |
| 26. MAF Sensor Ground | 36. Fuel Temperature |
| 25. Wastegate Control | 35. Fuel Pump Voltage Control (TT) |
| 24. (No Connection) | 34. Power Steering Oil Switch |
| 23. Detonation (Knock) Sensor | 33. FICD Solenoid Valve |
| 22. Diagnostic Communications | 32. Check Engine Light |
| 21. Diagnostic Communications | 31. Diagnostic Power |
| 10. Chassis Ground | 20. Chassis Ground |
| 9. Air Conditioning | 19. Radiator Fan |
| 8. AIV Control Solenoid Valve | 18. Fuel Pump |
| 7. Diagnostic Connector and Tacho. | 17. (No Connection) |
| 6. Radiator Fan Sub-Relay | 16. ECU Power Source |
| 5. A/T Controller | 15. A/T Controller |
| 4. AAC Valve | 14. A/T Controller |
| 3. Spark Plug #3 | 13. Spark Plug #6 |
| 2. Spark Plug #2 | 12. Spark Plug #5 |
| 1. Spark Plug #1 | 11. Spark Plug #4 |
| 108. Chassis Ground | 116. PTU and Coil Pack Ground |
| 107. Chassis Ground | 115. O ₂ Sensor Ground |
| 106. (No Connection) | 114. Injector #6 |
| 105. Injector #5 | 113. Variable Cam Timing Solenoid |
| 104. Fuel Pump Control | 112. Injector #4 |
| 103. Injector #3 | 111. PRVR Control Solenoid Valve |
| 102. EGR Control Solenoid Valve | 110. Injector #2 |
| 101. Injector #1 | 109. Power Supply |