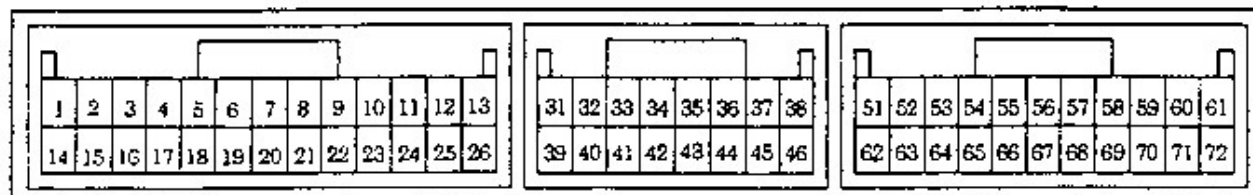


CONTROL UNIT

The A/T-ECU uses a hybrid-type 64-pin connector. The terminals of this connector are arranged as shown below.

A/T-ECU connector

9FA0133

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. UD solenoid valve 2. Solenoid valve power supply 3. Solenoid valve power supply 4. 1st-gear shift indicator lamp 5. 3rd-gear shift indicator lamp 6. 5th-gear shift indicator lamp 7. – 8. – 9. – 10. A/C compressor load signal 11. Power supply 12. Earth 13. Earth 14. OD solenoid valve 15. DCC solenoid valve 16. 2nd solenoid valve 17. 2nd-gear shift indicator lamp 18. 4th-gear shift indicator lamp 19. – 20. – 21. Torque reduction request signal to engine-ECU
 <vehicles with TCL> 22. – 23. Diagnosis control 24. Power supply 25. Earth 26. Earth 31. Input shaft speed sensor 32. Output shaft speed sensor 33. Crank angle sensor 34. – 35. – 36. Idle position switch 37. – 38. Back-up power supply 39. – | <ol style="list-style-type: none"> 40. – 41. – 42. – 43. Sensor earth 44. Oil temperature sensor 45. Throttle opening angle sensor (TPS, APS) 46. – 51. RED solenoid valve 52. – 53. Communication output to engine-ECU
 <vehicles without TCL>
 Communication output to TCL-ECU
 <vehicles with TCL> 54. Communication input to engine-ECU
 <vehicles without TCL>
 Communication input to TCL-ECU
 <vehicles with TCL> 55. Inhibitor switch P 56. Inhibitor switch N 57. Select switch 58. Downshift switch 59. Stop lamp switch 60. – 61. – 62. LR solenoid valve 63. Diagnosis output 64. – 65. – 66. Inhibitor switch R 67. Inhibitor switch D 68. Upshift switch 69. Vehicle-speed sensor 70. – 71. A/T control relay 72. Earth |
|---|--|