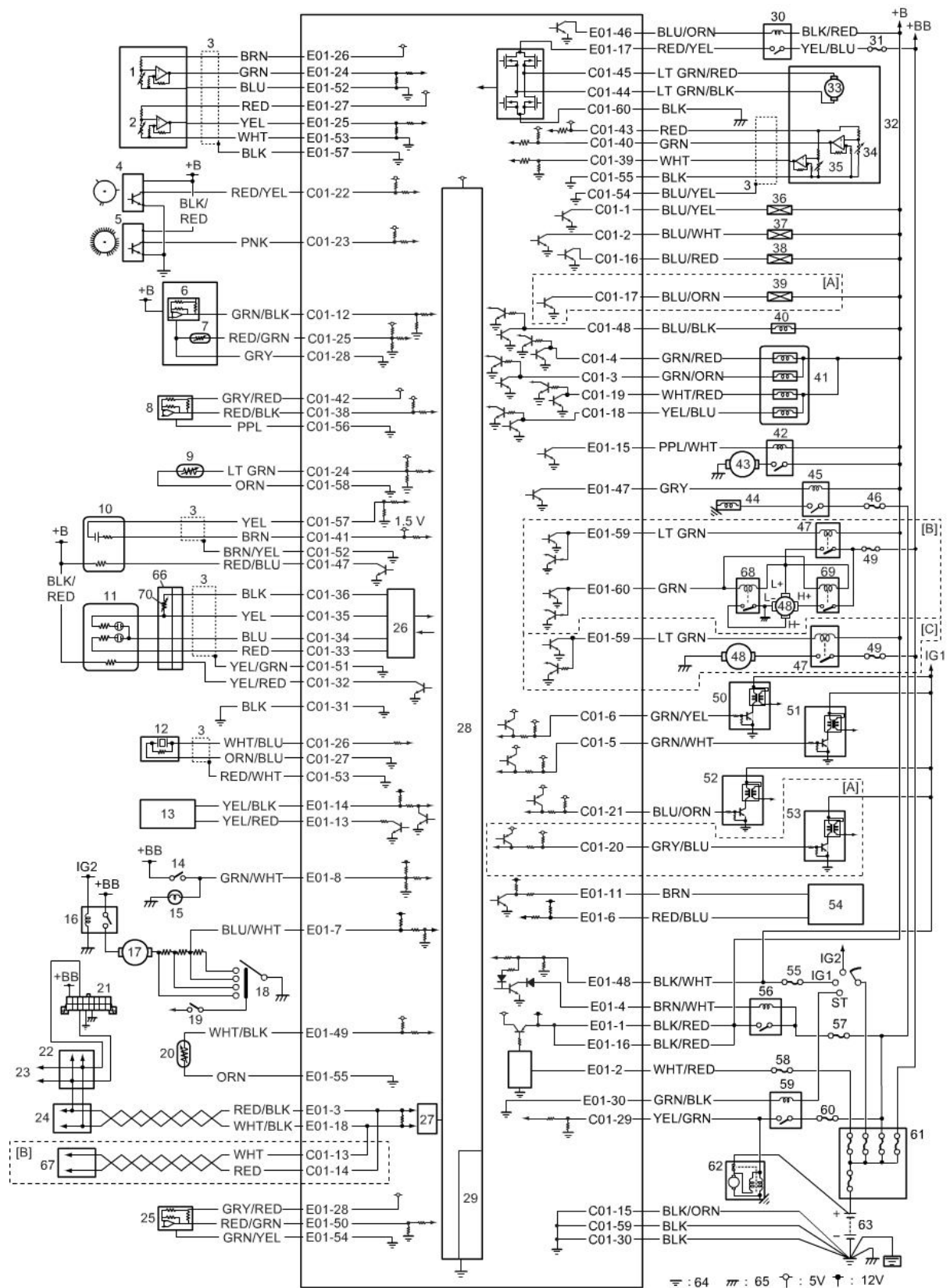


1A

# Engine Control System Circuit Diagram



[A]: K12B only

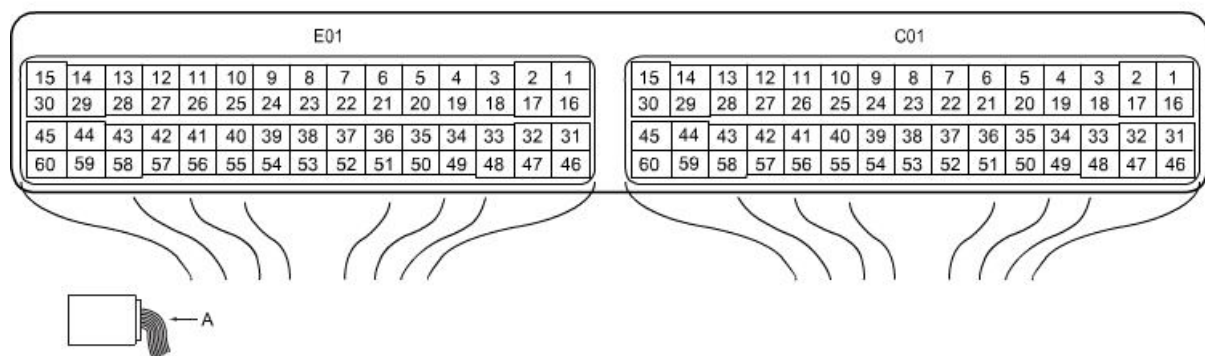
23. To other ECU connected  
CAN

48. Radiator cooling fan motor

[B]: A/T model	24. ABS / ESP® control module	49. "RDTR FAN" fuse
[C]: M/T model	25. A/C refrigerant pressure sensor	50. Ignition coil assembly No.1
1. APP sensor (main)	26. A/F signal processing unit	51. Ignition coil assembly No.2
2. APP sensor (sub)	27. CAN driver	52. Ignition coil assembly No.3
3. Shield wire	28. CPU	53. Ignition coil assembly No.4
4. CMP sensor	29. Backup RAM	54. P/S control module
5. CKP sensor	30. Throttle motor control relay	55. "IG COIL" fuse
6. MAF sensor	31. "THR MOT" fuse	56. Main relay
7. IAT sensor	32. Electric throttle body assembly	57. "FI" fuse
8. MAP sensor	33. Throttle motor	58. "RADIO" fuse
9. ECT sensor	34. TP sensor (main)	59. Starting motor control relay
10. HO2S	35. TP sensor (sub)	60. "ST MOT" fuse
11. A/F sensor	36. Fuel injector No.1	61. Main fuse box
12. Knock sensor	37. Fuel injector No.2	62. Starting motor
13. Immobilizer coil antenna	38. Fuel injector No.3	63. Battery
14. Brake light switch	39. Fuel injector No.4	64. Engine ground
15. Brake light	40. EVAP canister purge valve	65. Body ground
16. Blower motor relay	41. EGR valve	66. A/F sensor connector
17. Blower motor	42. Fuel pump relay	67. TCM
18. Blower speed selector	43. Fuel pump	68. Radiator cooling fan relay No.2
19. A/C switch	44. A/C compressor	69. Radiator cooling fan relay No.3
20. A/C evaporator outlet air temperature sensor	45. A/C compressor relay	70. A/F sensor adjusting resistor
21. DLC	46. "A/C CPRSR" fuse	
22. BCM	47. Radiator cooling fan relay No.1	

## Terminal Arrangement of ECM Coupler (Viewed from Harness Side)

[A]



[A]: ECM connector  
(View: A)

**NOTE:**

For circuit name and terminal voltage, refer to [\*Inspection of ECM and Its Circuits:K10B and K12B\*](#).