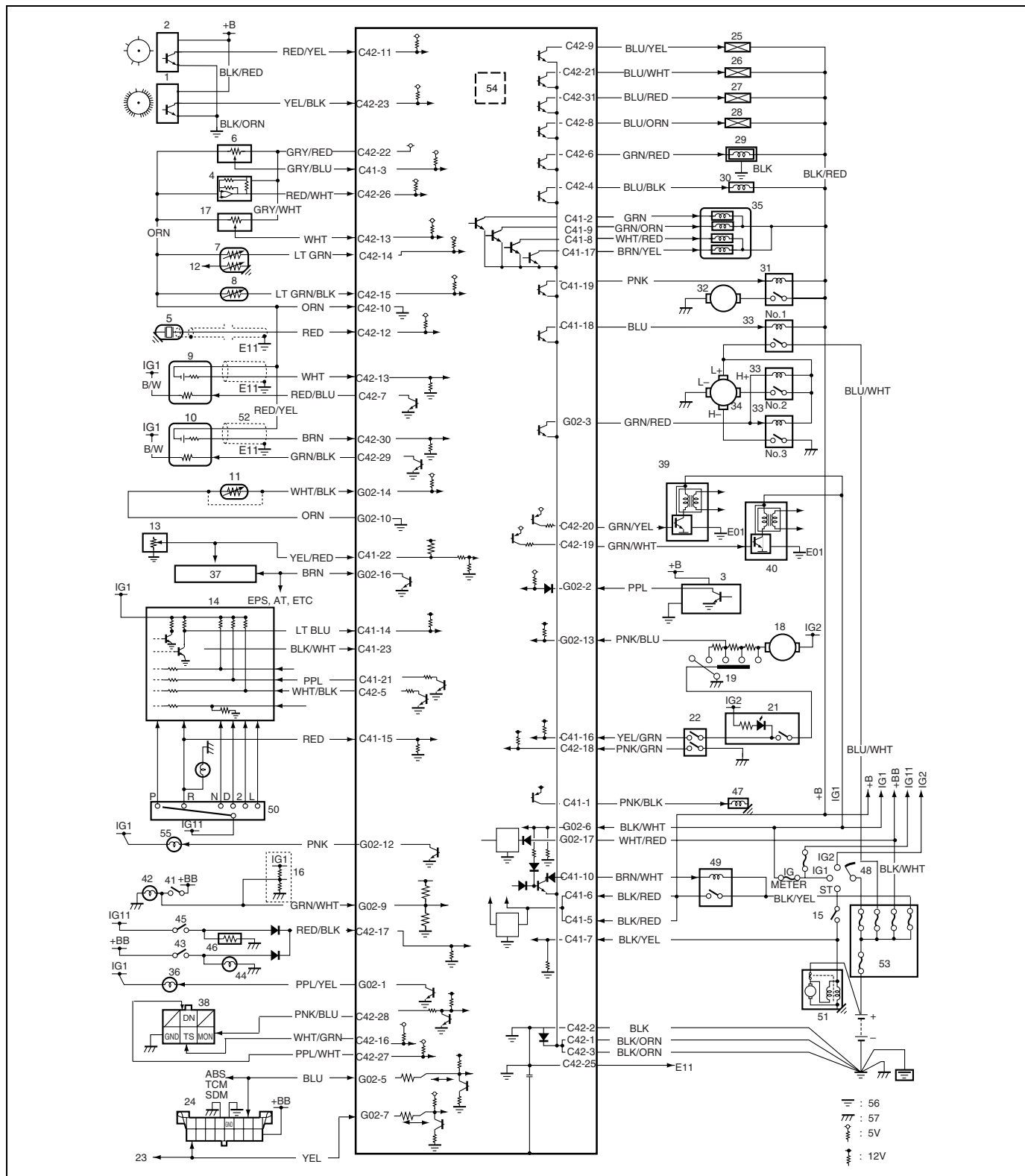


ECM INPUT/OUTPUT CIRCUIT DIAGRAM

For TYPE A (See NOTE)



NOTE:

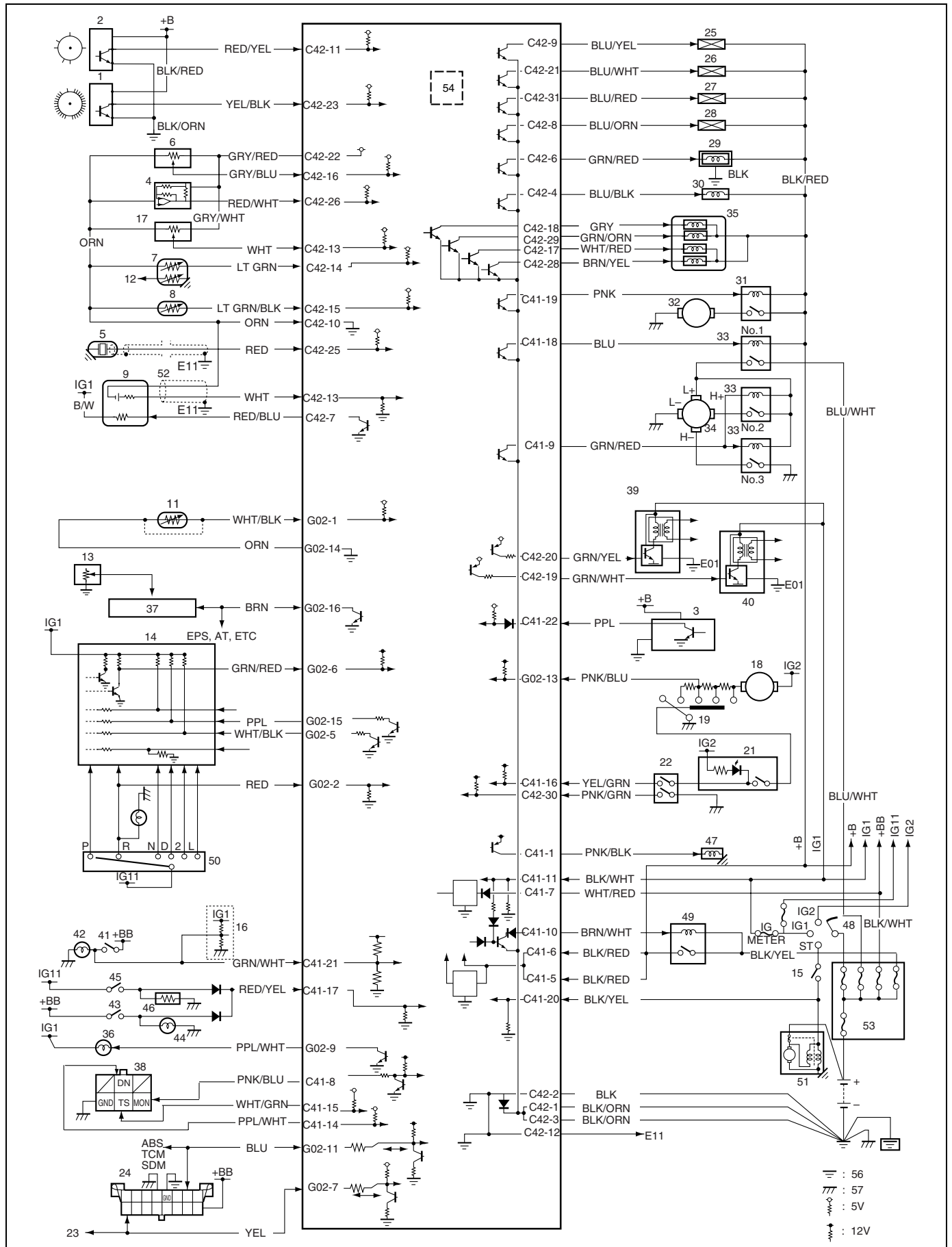
Type A is other than follows.

Type B is right hand steering vehicle equipped with fasten seat belt light and immobilizer control system.

6E1-10 ENGINE AND EMISSION CONTROL SYSTEM

1. CKP sensor	20. Blank	39. Ignition coil assembly (for No.1 and No.4 spark plugs)
2. CMP sensor	21. A/C switch	40. Ignition coil assembly (for No.2 and No.3 spark plugs)
3. VSS	22. A/C pressure switch	41. Stop lamp switch
4. MAP sensor	23. Immobilizer control module	42. Stop lamp
5. Knock sensor (if equipped)	24. Data link connector	43. Lighting switch
6. TP sensor	25. Injector No.1	44. Position lamp
7. ECT sensor	26. Injector No.2	45. Rear defogger switch
8. IAT sensor	27. Injector No.3	46. Rear defogger
9. Heated oxygen sensor-1 (if equipped)	28. Injector No.4	47. A/C compressor clutch (if equipped)
10. Heated oxygen sensor-2 (if equipped)	29. IAC valve	48. Ignition switch
11. A/C evaporator temp. sensor	30. EVAP canister purge valve	49. Main relay
12. Combination meter	31. Fuel pump relay	50. Transmission range switch (A/T)
13. Fuel level sensor (vehicle with immobilizer indicator lamp)	32. Fuel pump	51. Starting motor
14. TCM	33. Radiator fan relay	52. Shield wire
15. Transmission range switch	34. Radiator fan motor	53. Main fuse
16. ABS control module	35. EGR valve (if equipped)	54. Barometric pressure sensor
17. CO adjusting resistor (if equipped)	36. Malfunction indicator lamp	55. Immobilizer indicator lamp (if equipped)
18. Heater fan motor	37. Tachometer	56. Engine ground
19. Heater fan switch	38. Monitor connector (vehicle without immobilizer indicator lamp)	57. Body ground

For TYPE B (Refer to NOTE in "ECM INPUT/OUTPUT CIRCUIT DIAGRAM" for applicable model.)



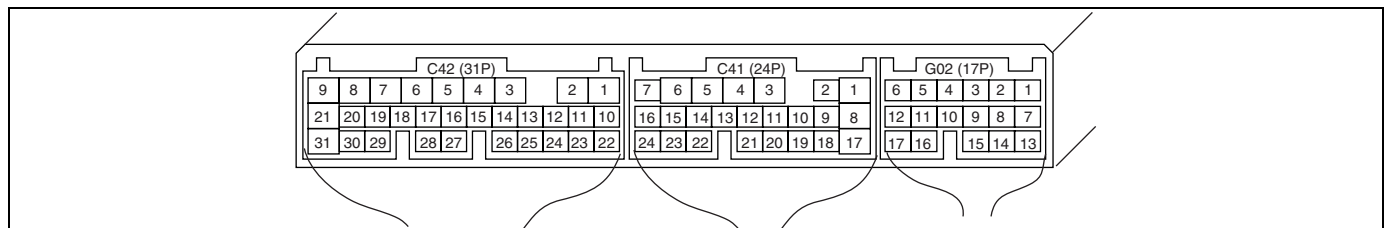
6E1-12 ENGINE AND EMISSION CONTROL SYSTEM

1. CKP sensor	20. Blank	39. Ignition coil assembly (for No.1 and No.4 spark plugs)
2. CMP sensor	21. A/C switch	40. Ignition coil assembly (for No.2 and No.3 spark plugs)
3. VSS	22. A/C pressure switch	41. Stop lamp switch
4. MAP sensor	23. Immobilizer control module	42. Stop lamp
5. Knock sensor (if equipped)	24. Data link connector	43. Lighting switch
6. TP sensor	25. Injector No.1	44. Position lamp
7. ECT sensor	26. Injector No.2	45. Rear defogger switch
8. IAT sensor	27. Injector No.3	46. Rear defogger
9. Heated oxygen sensor-1 (if equipped)	28. Injector No.4	47. A/C compressor clutch (if equipped)
10. Blank	29. IAC valve	48. Ignition switch
11. A/C evaporator temp. sensor	30. EVAP canister purge valve	49. Main relay
12. Combination meter	31. Fuel pump relay	50. Transmission range switch (A/T)
13. Fuel level sensor (vehicle with immobilizer indicator lamp)	32. Fuel pump	51. Starting motor
14. TCM	33. Radiator fan relay	52. Shield wire
15. Transmission range switch	34. Radiator fan motor	53. Main fuse
16. ABS control module	35. EGR valve (if equipped)	54. Barometric pressure sensor
17. CO adjusting resistor (if equipped)	36. Malfunction indicator lamp	55. Immobilizer indicator lamp (if equipped)
18. Heater fan motor	37. Tachometer	56. Engine ground
19. Heater fan switch	38. Monitor connector (vehicle without immobilizer indicator lamp)	57. Body ground

ECM TERMINAL ARRANGEMENT TABLE

For TYPE A (Refer to NOTE in page “ECM INPUT/OUTPUT CIRCUIT DIAGRAM” for applicable model.)

CONNECTOR	TERMINAL	WIRE COLOR	CIRCUIT	CONNECTOR	TERMINAL	WIRE COLOR	CIRCUIT
C42	1	BLK/ORN	Ground for ECM	C41	12	–	–
	2	BLK	Ground for drive circuit		13	–	Heated oxygen sensor-2
	3	BLK/ORN	Ground for drive circuit		14	LT BLU	“D”, “2”, “L”-range ID-UP signal
	4	BLU/BLK	Canister purge valve		15	RED	“R”-range signal
	5	WHT/BLK	Coolant temp. signal output		16	YEL/GRN	A/C SW signal
	6	GRN/RED	IAC valve		17	BRN/YEL	EGR valve (stepper motor coil 4)
	7	RED/BLU	Heater of HO2S-1		18	BLU	Radiator fan relay 1
	8	BLU/ORN	No.4 fuel injector		19	PNK	Fuel pump relay
	9	BLU/YEL	No.1 fuel injector		20	–	–
	10	ORN	Ground for sensor circuit		21	PPL	Throttle opening signal output for A/T
	11	RED/YEL	CMP sensor		22	YEL/RED	Fuel level gauge
	12	RED	Knock sensor (if equipped)		23	BLK/WHT	TCM serial data line
	13	WHT	Heated oxygen sensor-1 (if equipped)		G02	24	–
			CO adjusting resistor (if equipped)	1		PPL/WHT	Malfunction indicator lamp
	14	LT GRN	Coolant temp. sensor	2		PPL	Vehicle speed sensor
	15	LT GRN/BLK	Intake air temp. sensor	3		PPL/YEL	Radiator fan relay 2
	16	WHT/GRN	Test switch terminal (if equipped)	4		–	–
	17	RED/BLK	Electric load (+)	5		BLU	Data link connector
	18	PNK/GRN	A/C switch	6		BLK/WHT	Ignition switch signal
	19	GRN/WHT	IG coil assembly for No.2 and 3 spark plugs	7		YEL	Data link connector
	20	GRN/YEL	IG coil assembly for No.1 and 4 spark plugs	8		–	–
	21	BLU/WHT	No.2 fuel injector	9		GRN/WHT	Stop lamp switch (Brake pedal switch)
	22	GRY/RED	Power supply for sensor	10		ORN	GND for sensor
	23	YEL/BLK	CKP sensor (+)	11		–	–
	24	–	–	12		PNK	Immobilizer indicator lamp (if equipped)
	25	–	Ground for sensor shield wire	13		PNK/BLU	Electrical load (-)
	26	RED/WHT	MAP sensor	14		WHT/BLK	A/C evaporator temp. sensor
	27	PPL/WHT	Diagnosis switch terminal (if equipped)	15		–	–
	28	PNK/BLU	Duty output terminal (if equipped)	16		BRN	Tachometer signal
	29	BRN	Heater of HO2S-2	17	WHT/RED	Backup power source	
	30	GRN/BLK	Heated oxygen sensor-2				
31	BLU/RED	No.3 fuel injector					
C41	1	PNK/BLK	A/C compressor clutch				
	2	GRN	EGR valve (stepper motor coil 1)				
	3	GRY/BLU	Throttle position (TP) sensor				
	4	–	Heater of HO2S-2				
	5	BLK/RED	Power source				
	6	BLK/RED	Power source				
	7	BLK/YEL	Engine start signal				
	8	WHT/RED	EGR valve (stepper motor coil 3)				
	9	GRN/ORN	EGR valve (stepper motor coil 2)				
	10	BRN/WHT	Ground for main relay				
	11	–	–				

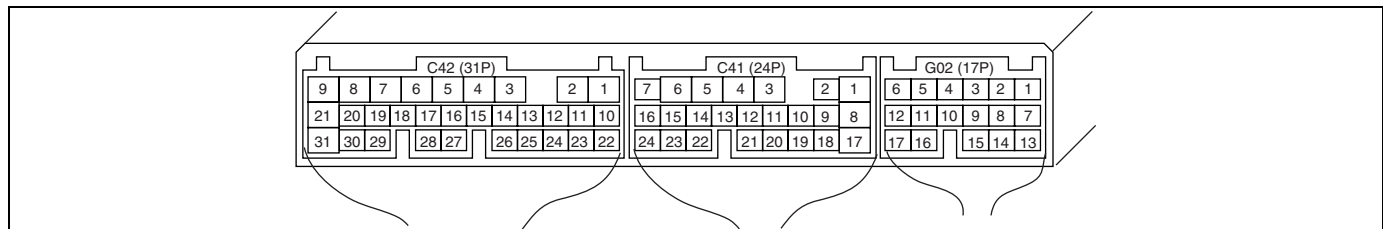


NOTE:

For abbreviation of wire color, refer to Section 0A.

For TYPE B (Refer to NOTE in page “ECM INPUT/OUTPUT CIRCUIT DIAGRAM” for applicable model.)

CONNECTOR	TERMINAL	WIRE COLOR	CIRCUIT	CONNECTOR	TERMINAL	WIRE COLOR	CIRCUIT	
C42	1	BLK/ORN	Ground for ECM	C41	12	–	–	
	2	BLK	Ground for drive circuit		13	–	–	
	3	BLK/ORN	Ground for drive circuit		14	PPL/WHT	Diagnosis switch terminal	
	4	BLU/BLK	Canister purge valve		15	WHT/GRN	Test switch terminal	
	5	–	–		16	YEL/GRN	A/C SW signal	
	6	GRN/RED	IAC valve		17	RED/YEL	Electric load (+)	
	7	RED/BLU	Heater of HO2S-1		18	BLU	Radiator fan relay 1	
	8	BLU/ORN	No.4 fuel injector		19	PNK	Fuel pump relay	
	9	BLU/YEL	No.1 fuel injector		20	BLK/YEL	Cranking signal	
	10	ORN	Ground for sensor circuit		21	GRN/WHT	Stop lamp switch (Brake pedal switch)	
	11	RED/YEL	CMP sensor		22	PPL	Vehicle speed sensor	
	12	Or	Grand for shield wire		23	–	–	
	13	WHT	Heated oxygen sensor-1 (if equipped) CO adjusting resistor (if equipped)		24	–	–	
	14	LT GRN	Coolant temp. sensor		G02	1	WHT/BLK	A/C evaporator temp. sensor
	15	LT GRN/BLK	Intake air temp. sensor			2	RED	“R” range signal
	16	GRY/BLU	Throttle position (TP) sensor			3	–	–
	17	WHT/RED	EGR valve (stepper motor coil 3)			4	–	–
	18	GRY	EGR valve (stepper motor coil 1)			5	WHT/BLK	Engine coolant temp. signals output
	19	GRN/WHT	IG coil assembly for No.2 and 3 spark plugs			6	GRN/RED	“D”, “2”, “L” range ID-UP signal
	20	GRN/YEL	IG coil assembly for No.1 and 4 spark plugs			7	YEL	Data link connector
	21	BLU/WHT	No.2 fuel injector			8	–	–
	22	GRY/RED	Power supply for sensor			9	PPL/WHT	Malfunction indicator lamp
	23	YEL/BLK	CKP sensor (+)			10	–	–
	24	–	–			11	BLU	Data link connector
	25	RED	Knock sensor (if equipped)	12		–	–	
	26	RED/WHT	MAP sensor	13		PNK/BLU	Electrical load (-)	
	27	–	–	14		ORN	Ground for sensor	
	28	BRN/YEL	EGR valve (stepper motor coil 4)	15		PPL	Throttle opening signal output for A/T	
	29	GRN/ORN	EGR valve (stepper motor coil 2)	16		BRN	Tachometer signal	
	30	PNK/GRN	A/C switch	17		–	–	
	31	BLU/RED	No.3 fuel injector					
C41	1	PNK/BLK	A/C compressor clutch					
	2	–	–					
	3	–	–					
	4	–	–					
	5	BLK/RED	Power source for drive circuit					
	6	BLK/RED	Power source for main circuit					
	7	WHT/RED	Power source for memory circuit					
	8	PNK/BLU	Duty signal output terminal					
	9	GRN/RED	Radiator fan drive relay No.2					
	10	BRN/WHT	Ground for main relay					
	11	BLK/WHT	Ignition switch signal					



NOTE:

For abbreviation of wire color, refer to Section 0A.