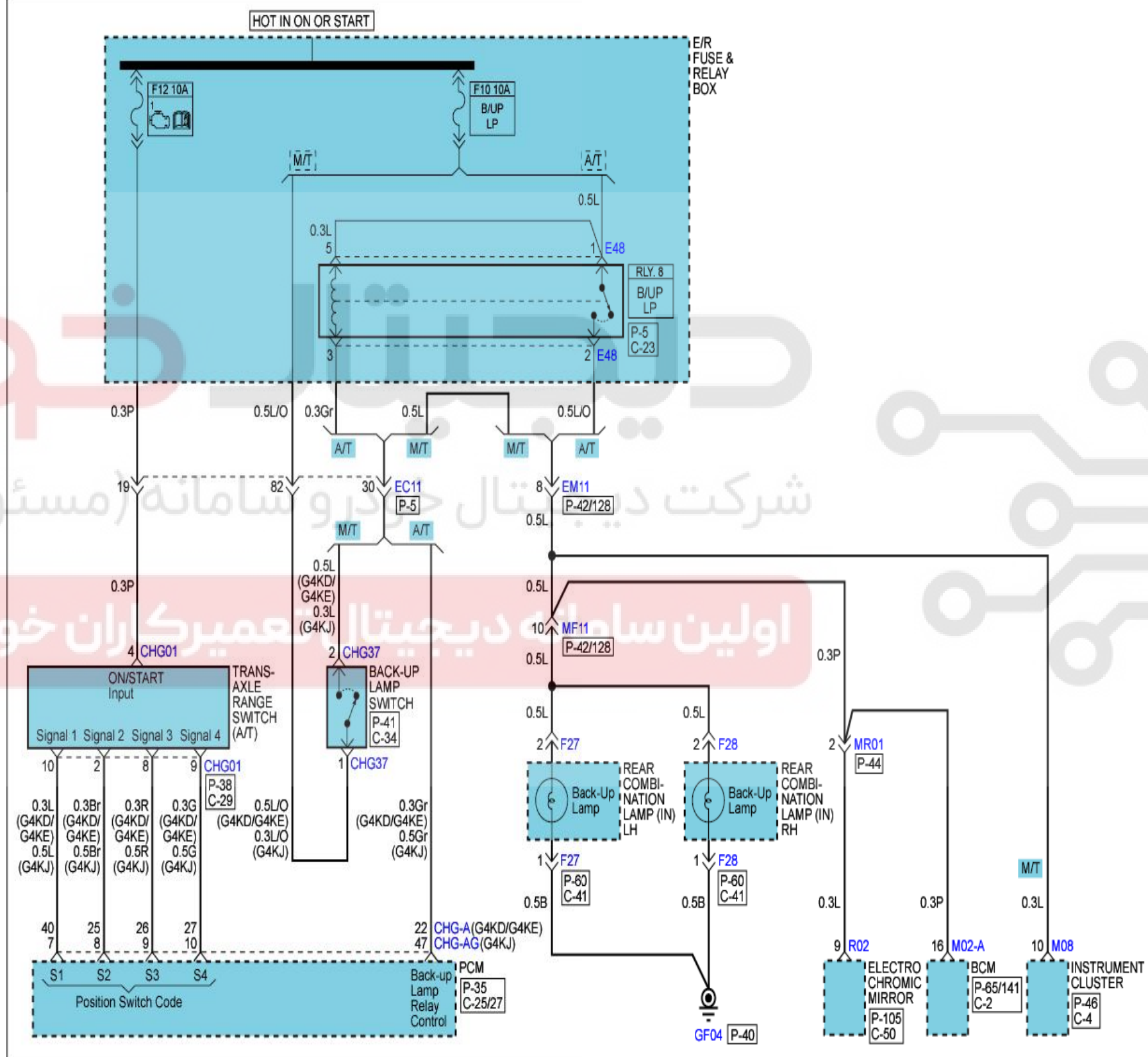


Back-Up Lamps

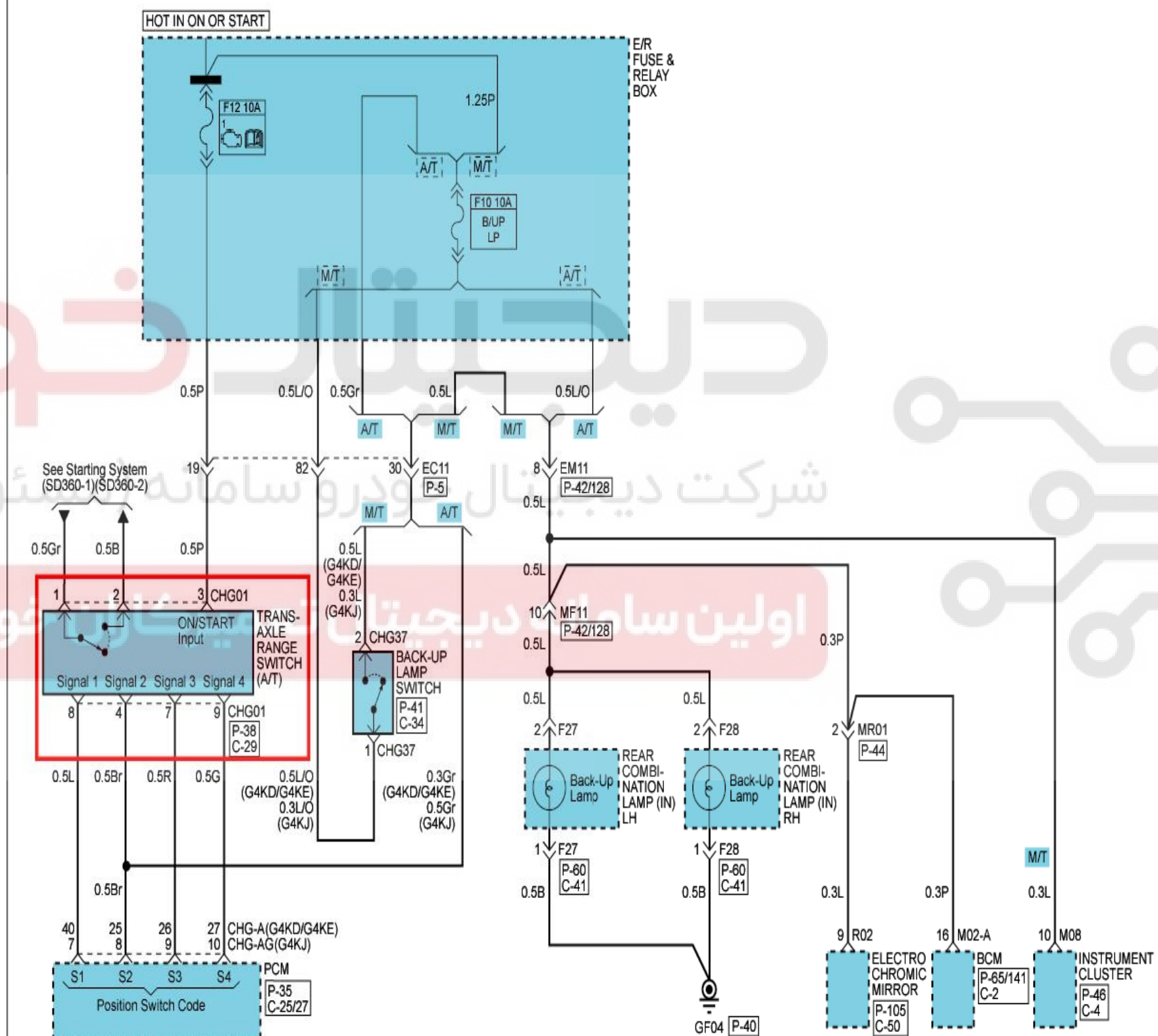
Back-Up Lamps (1)

SD926-1



Back-Up Lamps (1)

SD926-1



Back-Up Lamps

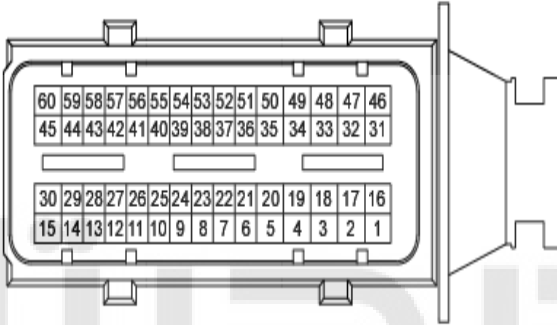
Control Harness (1)

CV-25

G4KD/G4KE : THETA II 2.0L/2.4L MPI

CHG-A PCM

- 60 Female / Black (AMP_ECU_60F_B_R)



1. G	[W/O SMK & IMMO.] IGN CYL. 1 Control	21. -	-	41. -	-
2. B	Ignition Coil Shield Ground	22. -	-	42. -	-
3. L/O	LINE_VFS (A/T)	23. -	-	43. W	Clutch Switch
4. Y	T/CON_VFS (A/T)	24. -	-	44. L/O	Brake Test Switch
5. G	35R_VFS (A/T)	25. Br	Position Switch Code (S2 (A/T))	45. -	-
6. R/B	Input Speed Supply (A/T)	26. R	Position Switch Code (S3 (A/T))	46. G	[W/O SMK & IMMO.] IGN CYL. 2 Control
7. W	Output Speed Supply (A/T)	27. G	Position Switch Code (S4 (A/T))		[With SMK / IMMO.] IGN CYL. 3 Control
8. Gr	Input Speed Signal (A/T)	28. Y	Start Overrun (PDM)	47. R	Solenoid Power 1 (A/T)
9. B	Output Speed Signal (A/T)	29. G	Brake Light Switch	48. P	Solenoid Power 2 (A/T)
10. -	-	30. -	-	49. W	Memory Power (A/T)
11. -	-	31. R	[W/O SMK & IMMO.] IGN CYL. 4 Control	50. B	Memory Power (A/T)
12. -	-		[With SMK / IMMO.] IGN CYL. 1 Control	51. -	-
13. O	Wiper 'P' Input	32. I	SS-B (A/T)	52. -	-
14. R	Alternator(COM)	33. Gr	SS-A (A/T)	53. L	Oil Temp. Sensor (-) (A/T)
15. -	-	34. B	Ground (A/T)	54. G	Oil Temp. Sensor (+) (A/T)
16. W	[W/O SMK & IMMO.] IGN CYL. 3 Control	35. B	Ground (A/T)	55. Br	CCP-CAN High (A/T)
	[With SMK / IMMO.] IGN CYL. 2Control	36. R	Down Shift (A/T)	56. W	CCP-CAN Low (A/T)
17. W	UD_VFS (A/T)	37. L	Up Shift (A/T)	57. -	-
18. Y	26_VFS (A/T)	38. Y	Select Switch (A/T)	58. -	-
19. B	Shift Lock Solenoid (A/T)	39. -	-	59. -	-
20. O	OD_VFS (A/T)	40. L	Position Switch Code (S1 (A/T))	60. -	-

Back-Up Lamps

Control Harness (5)

CV-29

CHG01 Transaxle Range Switch
- 10 Female / Black (KET_0509WP_10F_B)



- | | | | |
|-------|---------------------------------|-------|---------------------------------|
| 1. Gr | Burglar Alarm Relay | 6. — | — |
| 2. B | E/R Fuse & Relay Box - RLY.3 | 7. R | PCM (Position Switch Code - S3) |
| 3. P | E/R Fuse & Relay Box - F12 10A | 8. R | PCM (Position Switch Code - S1) |
| 4. Br | PCM (Position Switch Code - S2) | 9. G | PCM (Position Switch Code - S4) |
| 5. — | — | 10. — | — |

CHG04 ATM Solenoid
- 18 Female / Black (FCI_MULWP_18F_B_1)



- | G4KD/G4KE | | G4KJ | |
|-----------|----------------------------|---------|----------------------------|
| 1. — | — | 1. — | — |
| 2. Y | PCM (T/CON_VFS) | 2. Y | PCM (DC_VFS) |
| 3. W | PCM (Output Speed Supply) | 3. O | PCM (Output Speed Supply) |
| 4. B | PCM (Output Speed Signal) | 4. B | PCM (Output Speed Signal) |
| 5. P | PCM (Solenoid Power 2) | 5. P | PCM (Solenoid Power 2) |
| 6. G | PCM (35R_VFS) | 6. G | PCM (35R_VFS) |
| 7. O | PCM (OD_VFS) | 7. O | PCM (OD_VFS) |
| 8. Gr | PCM (Input Speed Signal) | 8. Gr | PCM (Input Speed Signal) |
| 9. L | PCM (Oil Temp. Sensor (-)) | 9. L/W | PCM (Oil Temp. Sensor (-)) |
| 10. R | PCM (Solenoid Power 1) | 10. R | PCM (Solenoid Power 1) |
| 11. Y | PCM (26_VFS) | 11. B | PCM (26_VFS) |
| 12. L | PCM (SS-B) | 12. L | PCM (SS-B) |
| 13. G | PCM (Oil Temp. Sensor (+)) | 13. G/B | PCM (Oil Temp. Sensor (+)) |
| 14. R/B | PCM (Input Speed Supply) | 14. R/B | PCM (Input Speed Supply) |
| 15. — | — | 15. — | — |
| 16. W | PCM (UD_VFS) | 16. W | PCM (UD_VFS) |
| 17. L/O | PCM (LINE_VFS) | 17. L | PCM (LP_VFS) |
| 18. Gr | PCM (SS-A) | 18. Gr | PCM (SS-A) |

CHG05-1 Oil Control Valve #1
- 2 Female / Black (KET_090WP_02F_B_L)



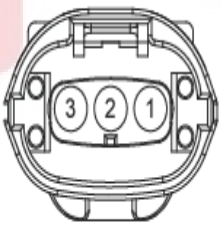
- | | | | |
|------|-----|--------|-------------------|
| 1. R | PCM | 2. G/O | EMS Box - F33 15A |
|------|-----|--------|-------------------|

CHG05-2 Oil Control Valve #2
- 2 Female / Black (KET_090WP_02F_B_L)



- | | | | |
|------|-----|--------|-------------------|
| 1. Y | PCM | 2. G/O | EMS Box - F33 15A |
|------|-----|--------|-------------------|

CHG06 Alternator
- 3 Female / Black (KET_090IWP_03F_B_3)



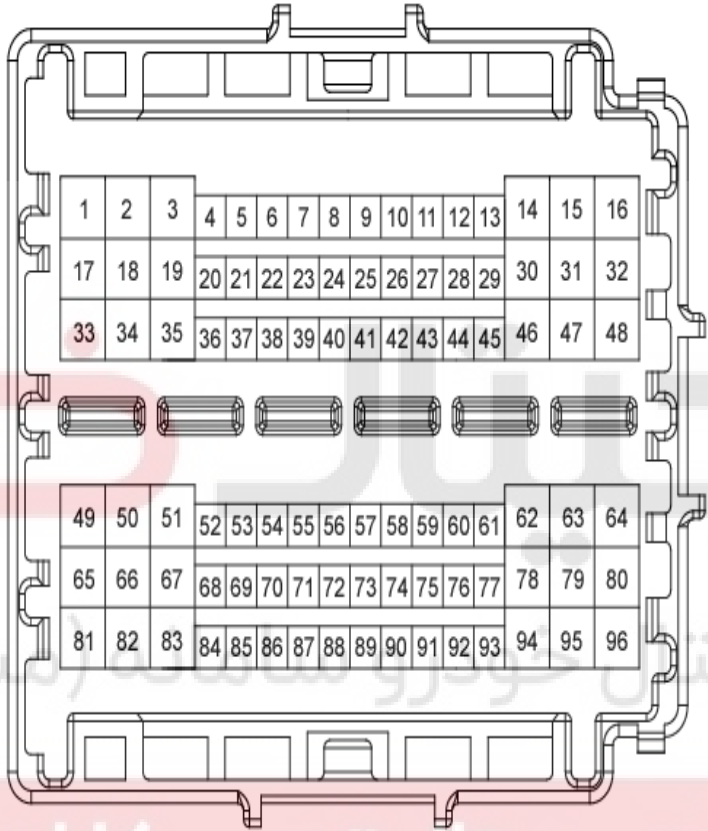
- | | | | |
|------|-----------------------------|------|--------------------|
| 1. — | — | 3. R | [G4KD/G4KE]
PCM |
| 2. L | I/P Junction Box - F30 7.5A | L | [G4KJ] |

Back-Up Lamps

Harness Connection (2)

CV-64

EC11 Front to Control Harness Connection
- 96 Male / Black (AMP_0409_96M_B)



- | | | | |
|---------|--|---------|---|
| 1. O | EMS - F30 20A | 20. G | Accel Pedal Position Sensor (APS. 1 Supply) |
| 2. - | - | 21. P | Accel Pedal Position Sensor (APS. 2 Supply) |
| 3. - | - | 22. W | Accel Pedal Position Sensor (APS. 1 GND) |
| 4. W | EMS Box - RLY. 3 | 23. L | Accel Pedal Position Sensor (APS. 2 GND) |
| 5. G/B | EMS Box - RLY. 3 | 24. G | Accel Pedal Position Sensor (APS. 2 SIG) |
| 6. L | Instrument Cluster (Oil Pressure IND.) | 25. Y/O | Accel Pedal Position Sensor (APS. 1 SIG) |
| 7. - | - | 26. W | E/R Fuse & Relay Box - RLY. 5 |
| 8. - | - | 27. R | E/R Fuse & Relay Box - RLY. 4 |
| 9. Gr | Burglar Alarm Relay | 28. B | Ground (GM04) |
| 10. - | - | 29. W | [With Smart Key] Smart Key Module (EMS_COM) |
| 11. - | - | | [With IMMO.] Immobilizer Module |
| 12. - | - | | |
| 13. - | - | | |
| 14. R | EMS Box - F33 15A | | |
| 15. B | EMS Box - F33 15A | | |
| 16. G/O | EMS Box - F33 15A | | |
| 17. - | - | | |
| 18. - | - | | |
| 19. P | E/R Fuse & Relay Box - F12 10A | | |

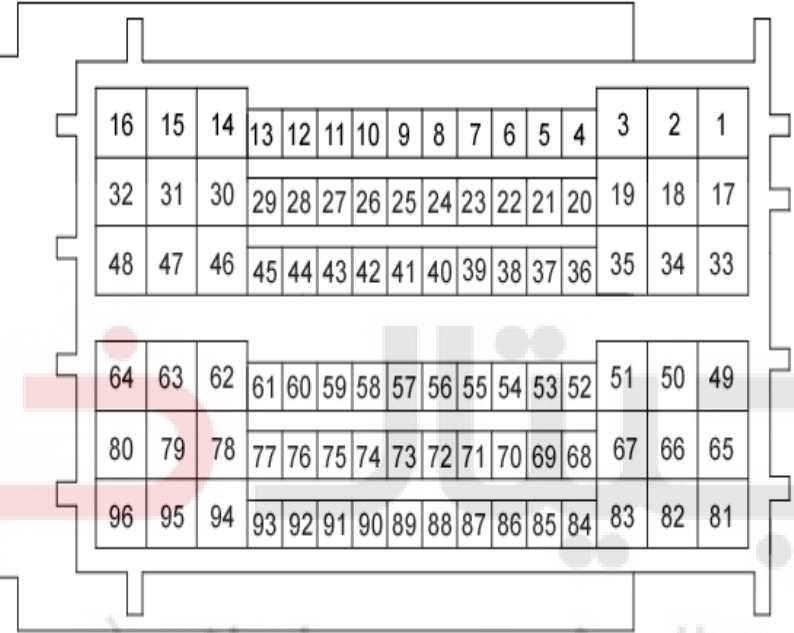
- | | | | |
|---------|---|---------|---|
| 30. Gr | [A/T] E/R Fuse & Relay Box- F10 10A | 58. Y | A/C Pressure Transducer (Ground) |
| L | [M/T] Back-up Lamp, BCM, Electro Chromic Mirror, Instrument Cluster | 59. - | - |
| 31. - | - | 60. - | - |
| 32. W | EMS Box - F33 15A | 61. - | - |
| 33. P | EMS Box - RLY. 3 | 62. G | EMS Box - F32 15A |
| 34. W | E/R Fuse & Relay Box - F24 20A | 63. - | - |
| 35. B | E/R Fuse & Relay Box - F24 20A | 64. - | - |
| 36. L/O | Stop Lamp Switch | 65. Gr | EMS Box - F34 15A |
| 37. - | - | 66. Y | EMS Box - F34 15A |
| 38. Y | I/P Junction Box - F34 7.5A | 67. - | - |
| 39. - | - | 68. W | Cruise Clutch Pedal Position Switch(+) |
| 40. Gr | [With Euro III/Euro IV] ABS/ESP Control Module | 69. - | - |
| W | [W/O Euro III/Euro IV] Instrument Cluster (4P Output) | 70. Y | Sport Mode Switch (Select Switch) |
| 41. Br | [W/O ABS & ESP] Front Wheel Sensor RH(+) | 71. L | Sport Mode Switch (Up Shift) |
| 42. W | [W/O ABS & ESP] Front Wheel Sensor RH(-) | 72. R | Sport Mode Switch (Down Shift) |
| 43. - | - | 73. B | Sport Mode Switch (Shift Lock Solenoid) |
| 44. - | - | 74. B | CCP CAN-High |
| 45. - | - | 75. W | CCP CAN-Low |
| 46. O | E/R Fuse & Relay Box - F20 10A | 76. B | [W/O Smart Key (A/T)] E/R Fuse & Relay Box - RLY. 3 |
| 47. - | - | | [With Smart Key] E/R Fuse & Relay Box - RLY. 3 |
| 48. L | Instrument Cluster | 77. L/O | Instrument Cluster (Speed In) |
| 49. B | EMS Box - F34 15A | 78. - | - |
| 50. L/O | EMS Box - F34 15A | 79. - | - |
| 51. G | [With ESP] ESP Control Module [With ABS] ABS Control Module, Stop Lamp Switch [A/T] E/R Fuse & Relay Box - RLY. 13 [M/T] Stop Lamp Switch | 80. P | E/R Fuse & Relay Box - F13 10A |
| 52. Y/O | Battery Sensor (LIN Line) | 81. R | EMS Box - F36 10A |
| 53. - | - | 82. L/O | [M/T] E/R Fuse & Relay Box - F10 10A |
| 54. - | - | 83. B | Oxygen Sensor Down (Heater) |
| 55. - | - | 84. O | Instrument Cluster (IMMO. IND.) |
| 56. Gr | PDM (Engine Speed Signal) | 85. B | [With Smart Key] E/R Fuse & Relay Box - RLY. 3 |
| 57. G/B | A/C Pressure Transducer (Signal) | 86. P/B | A/C Control Module (ECV Power) |
| | | 87. G/O | A/C Control Module (ECV Ground) |
| | | 88. L | Oxygen Sensor Down (GND) |
| | | 89. G | Oxygen Sensor Down (SIG) |
| | | 90. - | - |
| | | 91. - | - |
| | | 92. - | - |
| | | 93. G | Instrument Cluster (MIL. IND.) |
| | | 94. W | C-CAN High |
| | | 95. Br | C-CAN Low |
| | | 96. W | A/C Pressure Transducer (Power) |

Back-Up Lamps

Harness Connection (3)

CV-65

EC11 Front to Control Harness Connection (Cont'd)
- 96 Female / Black (AMP_0409_96F_B)



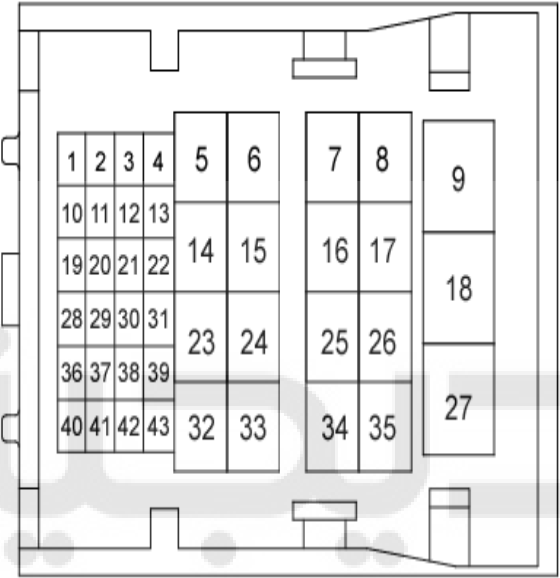
1. O [W/O Smart Key & IMMO.] Ignition Coil #1 ~ #4, Condenser	16. G/O Oil control Valve #1/#2	32. W [G4KD/G4KE] Canister Purge, Control Solenoid Valve	63. - -
Gr [With Smart Key or IMMO.] Ignition Coil #1 ~ #4, Condenser	17. - -	G/O [G4KJ] Canister Purge, Control Solenoid Valve	64. - -
2. - -	18. - -	33. O PCM (Engine Control Relay 'ON')	65. Gr [G4KD/G4KE] Injector #4
3. - -	19. P [M/T]	34. W PCM (Memory Power)	66. Y [G4KD/G4KE] Injector #2
4. W PCM (Engine Control Relay Control)	20. G PCM (APS. 1 Power)	35. B PCM (Memory Power)	67. - -
5. G/B PCM (Fuel Pump Relay Control)	21. P PCM (APS. 2 Power)	36. L/O PCM (Brake Test Switch)	68. W PCM (Clutch Switch)
6. L Oil Pressure Switch	22. W PCM (APS. 1 GND)	37. - -	69. - -
7. - -	23. L PCM (APS. 2 GND)	38. Y PCM (Start Motor Control Switch)	70. Y PCM (Select Switch)
8. - -	24. G/O PCM (APS. 2 SIG)	39. - -	71. L PCM (Up Shift)
9. Gr [A/T] Transaxle Range Switch	25. Y/O PCM (APS. 1 SIG)	40. W PCM (Vehicle Speed)	72. R PCM (Down Shift)
10. - -	26. W PCM (Cooling Fan Relay (High) Control)	41. Br PCM (Wheel Speed (+))	73. B PCM (Shift Lock Solenoid)
11. - -	27. L PCM (Cooling Fan Relay (Low) Control)	42. W PCM (Wheel Speed (-))	74. Br [G4KD/G4KE] PCM (CCP-CAN High)
12. - -	28. B Engine Coolant Temperature Sensor & Sender	43. - -	O [G4KJ] PCM (CCP-CAN High)
13. - -	29. L PCM (IMMO. Data Line)	44. - -	75. W [G4KD/G4KE] PCM (CCP-CAN Low)
14. R [G4KD/G4KE] Camshaft Position Sensor #1/#2	30. Gr [A/T] PCM (Position Switch Code-S2)	45. - -	G [G4KJ] PCM (CCP-CAN Low)
G/O [G4KJ] Camshaft Position Sensor #1/#2	[M/T] Back Up Lamp Switch	46. O [G4KD/G4KE] PCM (Wiper Input)	76. B [A/T] Transaxle Range Switch
15. B [G4KD/G4KE] Crankshaft Position Sensor, Variable Intake, Manifold Valve	31. - -	47. - -	77. L Vehicle Speed Sensor (M/T)
G/O [G4KJ] Crankshaft Position Sensor, Variable Intake, Manifold Valve		48. L Alternator (L)	78. - -
		49. B [G4KD/G4KE] Injector #1	79. - -
		50. L/O [G4KD/G4KE] Injector #3	80. P PCM (ON/START Input)
		51. G [G4KD/G4KE] PCM (Brake Light Switch)	81. R PCM (Memory Power)
		L/W [G4KJ] PCM (Brake Light Switch)	82. L/O Back-up Lamp Switch
		52. Y/O PCM (LIN/Diagnostic Data Line)	83. L [G4KD/G4KE] PCM (Heater)
		53. - -	W/B [G4KJ] PCM (Heater)
		54. - -	84. O PCM (IMMO. IND.)
		55. - -	85. B [G4KD/G4KE] PCM (Start 1 Relay)
		56. Gr PCM (Engine Speed Signal)	O [G4KJ] PCM (Start 1 Relay)
		57. G/B PCM (APT Sensor Signal)	86. P/B Electronic A/C Compressor (+)
		58. Y [G4KD/G4KE] PCM (APT Sensor Ground)	87. G/O Electronic A/C Compressor (-)
		B/R [G4KJ] PCM (APT Sensor Ground)	88. P/B PCM (O2 Sensor Ground)
		59. - -	89. W PCM (O2 Sensor Signal)
		60. - -	90. - -
		61. - -	91. - -
		62. G [G4KD/G4KE] Oxygen Sensor (Up)	92. - -
		W [G4KJ] Oxygen Sensor (Up)	93. G PCM (MIL. IND.)
			94. W PCM (C-CAN High)
			95. Br PCM (C-CAN Low)
			96. W Power Steering Pressure Sensor, PCM (Sensor Power)

Back-Up Lamps

Harness Connection (6)

CV-68

EM11 Front to Main Harness Connection
- 43 Male / White (KET_02509187_43M_W)



1. Gr	[With Smart Key] E/R Fuse & Relay Box - RLY. 3 [W/O Smart Key] Ignition Lock Switch (M/T) E/R Fuse & Relay Box - RLY. 3 (A/T) Transaxle Range Switch (A/T)	10. W	PCM (IMMO. Data Line)	21. G	Driver Front Impact Sensor	32. W	Wiper Motor (HI)
2. -	-	11. G	PCM (MIL. IND.)	22. O	Passenger Front Impact Sensor	33. Y	Wiper Motor (LO)
3. O	PCM (IMMO. IND.)	12. L	Oil Pressure Switch	23. Br	[With Rain Sensor] E/R Fuse & Relay Box - RLY. 12 [W/O Rain Sensor] E/R Fuse & Relay Box - RLY. 11	34. R	E/R Fuse & Relay Box - F27 20A
4. Gr	PCM (Engine Speed Signal)	13. R	Washer Level Sensor	24. -	-	35. L	Alternator(L)
5. P	E/R Fuse & Relay Box - F21 10A	14. -	-	25. L/O	IPS Control Module (Burglar Alarm Relay Control)	36. O/B	E/R Fuse & Relay Box - RLY. 10
6. -	-	15. G	Stop Lamp Switch, PCM, ABS/ESP Control Module [With ESP & A/T] E/R Fuse & Relay Box - RLY. 13	26. Y	E/R Fuse & Relay Box - RLY. 11	37. L/O	E/R Fuse & Relay Box - RLY. 9
7. R	ABS/ESP Control Module, Multipurpose Check Connector	16. Gr	Burglar Alarm Horn (+)	27. L	E/R Fuse & Relay Box - RLY. 1	38. G/O	E/R Fuse & Relay Box - RLY. 1
8. L/O	[A/T] E/R Fuse & Relay Box - F10 10A	17. Gr	EMS Box - F33 15A	28. P/B	Electronic A/C Compressor (+)	39. Gr	[With Rain Sensor] Rain Sensor (Rain Sensor Relay Control)
L	[M/T] Back-up Lamp Switch	18. O	[With Smart Key] E/R Fuse & Relay Box - RLY. 10 [W/O Smart Key] E/R Fuse & Relay Box - F14 30A	29. G/O	Electronic A/C Compressor (-)	40. L	E/R Fuse & Relay Box - RLY. 11
9. P	[With Smart Key] E/R Fuse & Relay Box - RLY. 9 [W/O Smart Key] E/R Fuse & Relay Box - Multi Fuse (F3 40A)	19. Y	[With Smart Key] PCM (Smart Motor Control Switch)	30. -	-	41. R	EMS Box - F37 15A
		20. -	-	31. W	[W/O Euro III/Euro IV] PCM (Vehicle Speed Input)	42. W	E/R Fuse & Relay Box - RLY. 1
						43. Gr	ESP Control Module (ESP OFF Switch)