

CONNECTOR VIEWS

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MAIN HARNESS

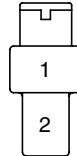
E551CD56

Main Harness (1)

CV10-1

M01 Blower Motor

- 2 Female / White (KET_250_02F_W)



LHD

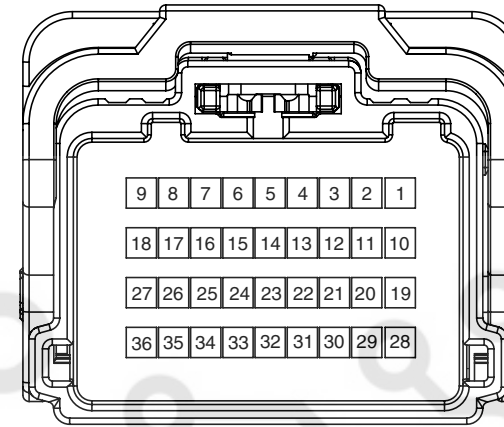
1. R E/R Fuse & Relay Box - RLY. 1
 2. Auto A/C
 P FET (Field Effect Transistor)
 Manual A/C
 L Blower Switch, Blower Resistor

RHD

1. Auto A/C
 P FET (Field Effect Transistor)
 Manual A/C
 L Blower Switch, Blower Resistor
 2. R E/R Fuse & Relay Box - RLY. 1

M02 SRS Control Module

- 36 Female / Yellow (JST_WIC_36F_Y)



1. L I/P Junction Box - F34 10A
 2. —
 3. Gr Air Bag IND.
 4. L/O Driver Air Bag - High
 5. R Driver Air Bag - Low
 6. —
 7. —
 8. Br Driver FIS High
 9. G C-CAN High
 10. —
 11. —
 12. —
 13. L Passenger Air Bag - High
 14. Br Passenger Air Bag - Low
 15. —
 16. —
 17. W Driver FIS Low
 18. O C-CAN Low

19. B Ground (GM04)
 20. —
 21. O/B BCM (Crash Unlock)
 22. —
 23. —
 24. —
 25. —
 26. B Passenger FIS High
 27. —
 28. —
 29. —
 30. —
 31. —
 32. —
 33. —
 34. —
 35. Y Passenger FIS Low
 36. —

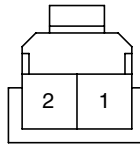
MAIN HARNESS

Main Harness (2)

CV10-2

M03 Evaporator Sensor

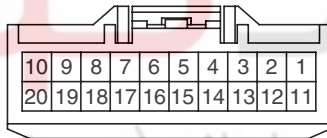
- 2 Female / White (AMP_070_02F_W)



- | | | | |
|------|-------------------------------|-------|------------------------------------|
| 1. W | A/C Control Module (Sensor +) | 2. Gr | A/C Control Module (Sensor Ground) |
|------|-------------------------------|-------|------------------------------------|

M04 ICM Relay Box

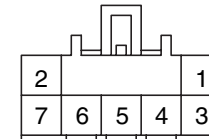
- 20 Female / White (AMP_090III_20F_W)



- | | | | |
|--------|---|---------|--|
| 1. Br | Rear Wiper Relay (Rear Wiper Motor) | 11. L | Rear Wiper Relay (I/P Junction Box - F31 15A) |
| 2. W/B | Rear Wiper Relay (IPS Control Module) | 12. W | Rear Wiper Relay (Rear Wiper Motor) |
| 3. G | DBC Relay (ESP Control Module, High-Mounted Stop Lamp, Stop Lamp LH/RH) | 13. R | Rear Fog Lamp Relay (I/P Junction Box - F17 10A) |
| 4. R | Rear Fog Lamp Relay (BCM) | 14. G | Rear Fog Lamp Relay (Rear Fog Lamp LH/RH, IND.) |
| 5. W/B | DBC Relay (ESP Control Module) | 15. B | Dead Lock Relay (Ground (GM02)) |
| 6. Gr | DBC Relay (E/R Fuse & Relay Box - F7 7.5A) | 16. Y/B | Dead Lock Relay (IPS Control Module) |
| 7. G | DBC Relay (Stop Lamp Switch) | 17. Br | Dead Lock Relay (I/P Junction Box - F15 15A) |
| 8. L | DBC Relay (E/R Fuse & Relay Box - F17 10A) | 18. G | Dead Lock Relay (Door Lock Actuator) |
| 9. — | — | 19. — | — |
| 10. — | — | 20. — | — |

M07 Intake Actuator

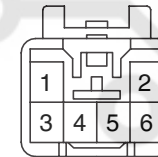
- 7 Female / Blue (KUM_CDR_07F_L)



- | | | | |
|---------------------------|--------------------------|-------|---------------------------------|
| 1. — | — | 5. Br | A/C Control Module (Vref(+5V)) |
| 2. — | — | 6. Gr | A/C Control Module (F/B) |
| 3. Auto - Br / Manual - B | A/C Control Module (FRE) | 7. Gr | A/C Control Module (Sensor GND) |
| 4. P | A/C Control Module (REC) | | |

M09 Ignition Key ILL. & Door Warning Switch (W/O Smart Key)

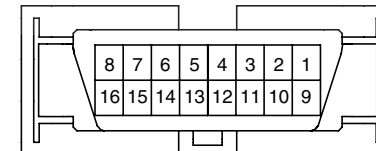
- 6 Male / White (KET_090II_06M_W)



- | | | | |
|-------|---------------|------|----------------------------|
| 1. W | Antenna (-) | 4. P | BCM - Switch Input |
| 2. Br | Antenna (+) | 5. G | BCM - Key Hole ILL. |
| 3. B | Ground (GM01) | 6. G | I/P Junction Box - F13 10A |

M10 Data Link Connector

- 16 Female / Black (MLX_OBDII_16F_B_SIN)



- | | | | |
|-------|----------------------|-------|---------------------------|
| 1. — | — | 9. G | I/P Junction Box - F5 10A |
| 2. — | — | 10. — | — |
| 3. G | C-CAN High | 11. O | C-CAN Low |
| 4. B | Ground (GM01) | 12. — | — |
| 5. B | Ground (GM01) | 13. W | Body K-Line |
| 6. Br | Vehicle Speed Signal | 14. — | — |
| 7. — | — | 15. — | — |
| 8. — | — | 16. — | — |

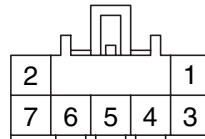
MAIN HARNESS

Main Harness (3)

CV10-3

M11 Mode Actuator

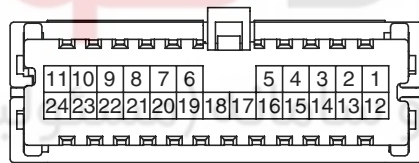
- 7 Female / White (KUM_CDR_07F_W)



1. —	—	5. Gr	A/C Control Module (Sensor GND)
2. —	—	6. P	A/C Control Module (F/B)
3. L	A/C Control Module (DEF)	7. Br	A/C Control Module (Vref(+5V))
4. R	A/C Control Module (VENT)		

M13-A BCM

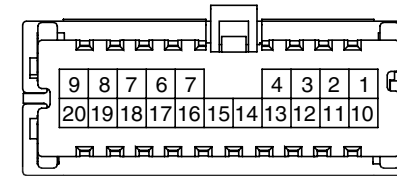
- 24 Female / White (KET_040III_24F_W)



1. R	I/P Junction Box - F13 10A	13. R	Rear Parking Assist Supply
2. P	I/P Junction Box - F29 10A	14. L	Rear Washer Switch
3. W	I/P Junction Box - F30 10A	15. G/B	Rear Wiper Switch
4. L/O	I/P Junction Box - F27 10A	16. Br	Front Washer Switch
5. P	Front Wiper - Mist	17. W/B	Front Wiper - INT.
6. L	Tail Lamp Switch	18. O	Rear Wiper - INT
7. P	Door Warning Switch - Input	19. Y	Hazard Switch
8. O/B	Crash Output	20. G	ATM Shift Lever
9. R	Turn Signal Switch RH	21. Y/B	Front Wiper - INT. (Time)
10. W/O	Rear Defogger Switch Input	22. W	Turn Signal Switch LH
11. Y	Auto Light Switch	23. —	—
12. —	—	24. B	Ground (GM01)

M13-B BCM

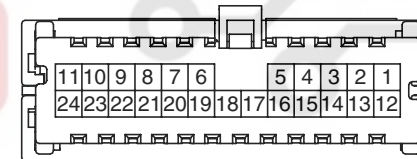
- 20 Female / White (KET_040III_20F_W)



1. O	Head Lamp High Switch	11. Gr	Rear Fog Lamp Switch
2. L	Head Lamp Switch	12. —	—
3. —	—	13. G	Rear Parking Assist Module (LIN 1)
4. W	K-Line	14. B	Rear Parking Assist Ground
5. G	Rear Parking Assist Module (LIN 3)	15. Gr	Rear Parking Assist Module (LIN 2)
6. R	Auto Light Sensor Supply	16. G/B	Rear Parking Assist Module (LIN 4)
7. L	B-CAN High	17. —	—
8. Gr	Auto Light Sensor Signal	18. R	B-CAN Low
9. —	—	19. R	Auto Light Sensor Ground
10. O	Front Fog Lamp Switch	20. B	Head Lamp Low Signal

M13-C BCM

- 24 Female / Gray (KET_040III_24F_GR_B)



1. —	—	13. —	—
2. —	—	14. —	—
3. G	AST Seat Belt IND.	15. —	—
4. G/B	Key Solenoid	16. G	Safety Power Window
5. Br	Door Open Signal	17. Gr	Rear Parking Assist Buzzer
6. W	Turn/Hazard Lamp Output - FL	18. G/O	Key Hole ILL. Control
7. P	Turn/Hazard Lamp Output - FR	19. —	—
8. W	Turn/Hazard Lamp Output - RL	20. O/B	Front Wiper Relay
9. P	Turn/Hazard Lamp Output - RR	21. —	—
10. Br	I/P Junction Box - F16 15A	22. —	—
11. Br	I/P Junction Box - F16 15A	23. P	Rear Fog Lamp Relay Control
12. B	Ground (GM01)	24. —	—

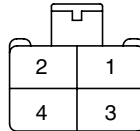
MAIN HARNESS

Main Harness (4)

CV10-4

M14 FET (Field Effect Transistor) (Auto A/C)

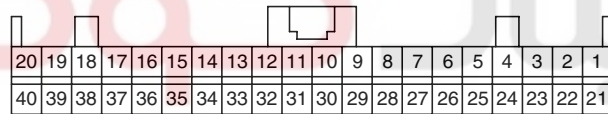
- 4 Female / Black (KET_DSD_04F_B_L)



- | | | | |
|------|--------------|--------|---------------|
| 1. P | Blower Motor | 3. B | Ground (GM02) |
| 2. R | FET-Drain | 4. W/B | FET-Gate |

M15 Instrument Cluster

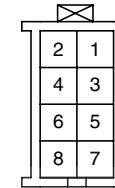
- 40 Female / White (AMP_025_40F_W)



- | | | | |
|----------|-----------------------------------|----------|-------------------------------|
| 1. — | — | 21. B | Power Ground (GM01) |
| 2. B | Ground (GM01) | 22. W | ATM Shift Lever ILL. (P IND.) |
| 3. — | — | 23. R | ATM Shift Lever ILL. (R IND.) |
| 4. — | — | 24. P | ATM Shift Lever ILL. (N IND.) |
| 5. G/O | Rheostat Out | 25. L | ATM Shift Lever ILL. (D IND.) |
| 6. — | — | 26. — | — |
| 7. Gr | I/P Junction Box - F29 10A | 27. Br | A/T - 4 P Output : |
| | : Charge IND. | | Data Link Connector, Audio |
| 8. P | [D4HA] | | ECM, Sunroof Motor |
| | Fuel Filter Warning Sensor | 28. R/B | ILL. (Detent Out) |
| 9. Y/B | Oil Pressure | 29. Br | Trip Switch (Reset) |
| 10. Gr | SRS Control Module (Air Bag IND.) | 30. R | Trip Switch (Mode) |
| 11. L/O | I/P Junction Box - F23 10A | 31. G | Multi Switch |
| 12. Y/B | ECM/PCM (Check Engine IND.) | | (Rheostat Down Switch) |
| 13. Br/O | [With Smart Key] | 32. L | Multi Switch |
| | Smart Key Control Module | | (Rheostat Up Switch) |
| | [W/O Smart Key] | 33. O | Fuel Sender (+) |
| | ECM/PCM (IMMO. IND.) | 34. L | B-CAN (High) |
| 14. — | — | 35. R | B-CAN (Low) |
| 15. G/O | Multi Switch (Active ECO Switch) | 36. G | C-CAN (High) |
| 16. — | — | 37. R | C-CAN (Low) |
| 17. — | — | 38. R/O | ILL (+) |
| 18. — | — | 39. Gr/O | I/P Junction Box - F29 10A |
| 19. B | Sensor Ground (GM01) | 40. G | I/P Junction Box - F13 10A |
| 20. Gr | Fuel Sender (-) | | |

M16 Auto Light & Photo Sensor

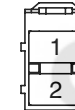
- 8 Female / White (KET_030_08F_W)



- | | | | |
|-------|--------------------------------|-------|----------------------------------|
| 1. Br | Auto A/C Control Module - Vref | 5. L | Auto A/C - Sun (-) (Driver) |
| 2. — | — | 6. Gr | BCM (Auto Light Sensor (Signal)) |
| 3. R | Auto A/C - Sun (-) (Passenger) | 7. R | BCM (Auto Light Sensor (Supply)) |
| 4. — | — | 8. W | BCM (Auto Light Sensor (Ground)) |

M17-A EPS Control Module

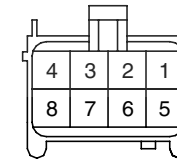
- 2 Female / Black (AMP_375_02F_B)



- | | | | |
|------|---------------|------|-------------------------------|
| 1. B | Ground (GM05) | 2. R | E/R Fuse & Relay Box - F1 30A |
|------|---------------|------|-------------------------------|

M17-B EPS Control Module

- 8 Female / Gray (PKD_MIC64_08F_GR)



- | | | | |
|------|----------------------------|------|--------------|
| 1. R | I/P Junction Box - F21 10A | 5. — | — |
| 2. — | — | 6. — | — |
| 3. — | — | 7. G | C-CAN (High) |
| 4. — | — | 8. O | C-CAN (Low) |

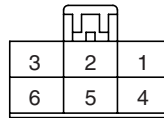
MAIN HARNESS

Main Harness (5)

CV10-5

M18 Ignition Switch (W/O Smart Key)

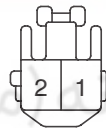
- 6 Female / Black (KUM_DSD_06F_B)



- | | | | |
|------|---------------------------------|------|--------------------------------|
| 1. R | E/R Fuse & Relay Box - F13 40A | 4. G | I/P Junction Box |
| 2. L | I/P Junction Box (ON Output) | 5. P | (ON or START Output) |
| 3. W | I/P Junction Box (START Output) | 6. W | E/R Fuse & Relay Box - F12 40A |
| | | | I/P Junction Box |
| | | | (ACC or ON Output) |

M19 Key Solenoid (W/O Smart Key & A/T)

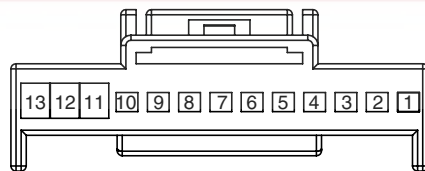
- 2 Female / White (KET_090III_02F_W_L)



- | | | | |
|--------|---------------------------|--------|-----|
| 1. W/B | I/P Junction Box - F8 10A | 2. G/B | BCM |
|--------|---------------------------|--------|-----|

M20-L Multifunction Switch (Light) (LHD)

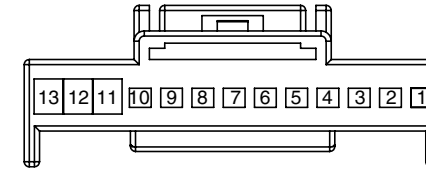
- 13 Female / White (KET_0409_13F_W)



- | | | | |
|-------|-----------------------------|-------|----------------------------------|
| 1. L | BCM (Tail Lamp Switch) | 8. — | — |
| 2. B | Ground (GM01) | 9. O | BCM (Head Lamp High Switch) |
| 3. Y | BCM (Auto Light Switch) | 10. B | BCM (Head Lamp Low Signal) |
| 4. L | BCM (Head Lamp Switch) | 11. W | BCM (Turn Signal Lamp Switch LH) |
| 5. B | Ground (GM01) | 12. B | Ground (GM02) |
| 6. O | BCM (Front Fog Lamp Switch) | 13. R | BCM (Turn Signal Lamp Switch LH) |
| 7. Gr | BCM (Rear Fog Lamp Switch) | | |

M20-LR Multifunction Switch (Light) (RHD)

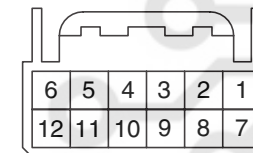
- 13 Female / White (KET_0409_13F_W_R)



- | | | | |
|------|----------------------------------|-------|-----------------------------|
| 1. W | BCM - Turn Signal Lamp Switch LH | 8. O | BCM - Front Fog Lamp Switch |
| 2. B | Ground (GM02) | 9. Gr | BCM - Rear Fog Lamp Switch |
| 3. P | BCM - Turn Signal Lamp Switch RH | 10. L | BCM - Head Lamp Switch |
| 4. B | BCM - Head Lamp Low Signal | 11. Y | BCM - Auto Light Switch |
| 5. B | BCM - Head Lamp High Switch | 12. B | Ground (GM01) |
| 6. — | — | 13. Y | BCM - Tail Lamp Switch |
| 7. B | Ground (GM01) | | |

M20-R Multifunction Switch (Remote Control)

- 12 Female / White (AMP_025_12F_W)



- | | | | |
|--------|-------------------------------|-------|---------------------------------|
| 1. — | — | 7. — | — |
| 2. L/O | ILL (-) | 8. — | — |
| 3. R/O | ILL (+) | 9. — | — |
| 4. L | Audio Remote Control | 10. G | E/R Fuse & Relay Box - F23 7.5A |
| 5. Gr | Audio Remote Control Ground | 11. O | Cruise Control Switch Signal |
| 6. Gr | E/R Fuse & Relay Box - RLY. 2 | 12. B | Cruise Control Switch Ground |

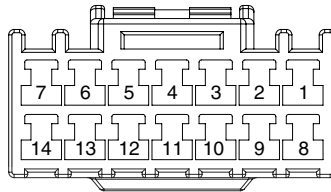
MAIN HARNESS

Main Harness (6)

CV10-6

M20-W Multifunction Switch (Wiper) (LHD, Except Europe)

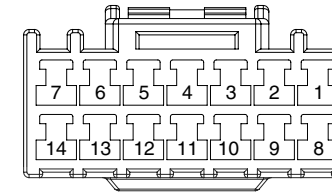
- 14 Female / White (KET_N090III_14F_W)



- | | | | |
|--------|--------------------------------------|--------|---------------------------------|
| 1. P | BCM - Front Wiper Switch (Mist) | 6. G/B | BCM - Rear Wiper Switch (ON) |
| 2. Gr | [With Rain Sensor] | 7. O | BCM - Rear Wiper Switch (INT.) |
| | E/R Fuse & Relay Box - RLY. 13 | 8. W/B | [With Rain Sensor] |
| | [W/O Rain Sensor] | | Multifunction Switch |
| 3. G | E/R Fuse & Relay Box - RLY. 12 | | (Front Wiper Auto Switch) |
| | Front Wiper Motor | | [W/O Rain Sensor] |
| | (Front Wiper Motor Lo Switch) | | BCM - Front Wiper Switch (INT.) |
| 4. W/B | [With Rain Sensor] | 9. P | Front Wiper Motor |
| | Multifunction Switch | | (Front Wiper Motor Hi Switch) |
| | (Front Wiper Auto Switch) | 10. Y | I/P Junction Box - F25 25A |
| B | [W/O Rain Sensor] | 11. Br | BCM - Front Washer Signal, |
| | Ground (GM01) | | Front Washer Motor |
| 5. Y/B | [With Rain Sensor] | 12. R | I/P Junction Box - F31 15A |
| | BCM - Front Wiper Switch (INT. Time) | 13. L | BCM - Rear Washer Switch |
| | [W/O Rain Sensor] | 14. — | — |
| | BCM - Front Wiper Switch (INT.) | | |

M20-WB Multifunction Switch (Wiper) (Only Europe)

- 14 Female / White (KET_N090III_14F_W)



- | | | | |
|--------|--------------------------------------|---------|---------------------------------|
| 1. G/B | BCM - Rear Wiper Switch (ON) | 8. W/B | [With Rain Sensor] |
| 2. O | BCM - Rear Wiper Switch (INT.) | | Multifunction Switch |
| 3. Y/B | [With Rain Sensor] | | (Front Wiper Auto Switch) |
| | BCM - Front Wiper Switch (INT. Time) | | [W/O Rain Sensor] |
| | [W/O Rain Sensor] | | BCM - Front Wiper Switch (INT.) |
| | BCM - Front Wiper Switch (INT) | 9. L | BCM - Rear Washer Switch |
| 4. W/B | [With Rain Sensor] | 10. R | I/P Junction Box - F31 15A |
| | Multifunction Switch | 11. Br | BCM - Front Washer Signal, |
| | (Front Wiper Auto Switch) | | Front Washer Motor |
| B | [W/O Rain Sensor] | 12. Br | I/P Junction Box - F25 25A |
| | Ground (GM01) | 13. P | Front Wiper Motor |
| 5. G | Front Wiper Motor | | (Front Wiper Motor Hi Switch) |
| | (Front Wiper Motor Lo Switch) | 14. W/B | [With Rain Sensor] |
| 6. Gr | [With Rain Sensor] | | Multifunction Switch |
| | E/R Fuse & Relay Box - RLY. 13 | | (Front Wiper Auto Switch) |
| | [W/O Rain Sensor] | | [W/O Rain Sensor] |
| | E/R Fuse & Relay Box - RLY. 12 | | BCM - Front Wiper Switch (INT.) |
| 7. O | BCM - Front Wiper Switch (Mist) | | |

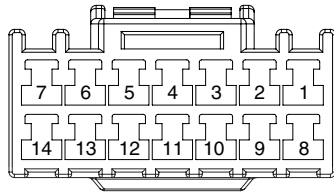
MAIN HARNESS

Main Harness (7)

CV10-7

M20-WR Multifunction Switch (Wiper) (RHD, Except Europe)

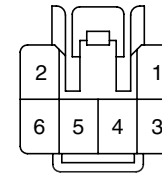
- 14 Female / White (KET_N090III_14F_W)



- | | | | |
|--------|--------------------------------------|---------|---------------------------------|
| 1. O | BCM - Rear Wiper Switch (ON) | 8. W/B | [With Rain Sensor] |
| 2. G/B | BCM - Rear Wiper Switch (INT.) | | Multifunction Switch |
| 3. Y/B | [With Rain Sensor] | | (Front Wiper Auto Switch) |
| | BCM - Front Wiper Switch (INT. Time) | | [W/O Rain Sensor] |
| | BCM - Front Wiper Switch (INT.) | 9. L | BCM - Rear Washer Switch |
| 4. W/B | [With Rain Sensor] | 10. R | I/P Junction Box - F31 15A |
| | Multifunction Switch | 11. Br | BCM - Front Washer Signal, |
| | (Front Wiper Auto Switch) | | Front Washer Motor |
| B | [W/O Rain Sensor] | 12. Br | I/P Junction Box - F25 25A |
| | Ground (GM01) | 13. P | Front Wiper Motor |
| 5. G | Front Wiper Motor | | (Front Wiper Motor Hi Switch) |
| | (Front Wiper Motor Lo Switch) | 14. W/B | [With Rain Sensor] |
| 6. Gr | [With Rain Sensor] | | Multifunction Switch |
| | E/R Fuse & Relay Box - RLY. 13 | | (Front Wiper Auto Switch) |
| | [W/O Rain Sensor] | | [W/O Rain Sensor] |
| | E/R Fuse & Relay Box - RLY. 12 | | BCM - Front Wiper Switch (INT.) |
| 7. O | BCM - Front Wiper Switch (Mist) | | |

M21 Cluster Ionizer (Auto A/C)

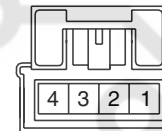
- 6 Female / White (KET_090_06F_W)



- | | | | |
|-------|------------------------------|------|--------------------------------|
| 1. B | Ground (GM02) | 4. R | A/C Control Module (Clean SIG) |
| 2. O | I/P Junction Box - F32 10A | 5. G | A/C Control Module (Diagnosis) |
| 3. Br | A/C Control Module (ION SIG) | 6. - | - |

M22 Driver Air Bag

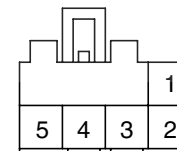
- 4 Female / Yellow (YAZ_040_04F_Y)



- | | | | |
|--------|---------------------------|------|---|
| 1. R/B | SRS Control Module (Low) | 3. - | - |
| 2. L/O | SRS Control Module (High) | 4. - | - |

M23 Immobilizer Module (W/O Smart Key)

- 5 Female / White (KUM_CDR_05F_W)



- | | | | |
|-------|----------------------------------|------|---------------------|
| 1. W | Ignition Key ILL. & Door Warning | 4. R | [G4KD/G4KE] |
| | Switch (Antenna (+)) | | EMS Box - F4 10A |
| 2. Br | Ignition Key ILL. & Door Warning | | [D4HA] |
| | Switch (Antenna (-)) | | EMS Box - F7 10A |
| 3. B | [G4KD/G4KE] | 5. L | PCM/ECM (Data Line) |
| | Ground (GHG07) | | |
| | [D4HA] | | |
| | ECM (Ground) | | |

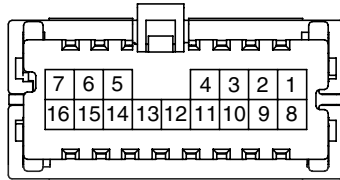
MAIN HARNESS

Main Harness (8)

CV10-8

M24 AUX & USB Jack (W/O A/V Navigation)

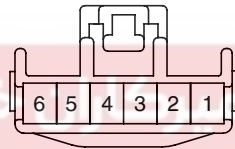
- 16 Female / White (KET_040III_16F_W)



1. R	Audio (USB VDO)	9. L/O	ILL (-)
2. G	Audio (USB D(-))	10. —	—
3. Br	Audio (USB D(+))	11. B	Ground (GM03)
4. B	Audio (USB GND/Shield)	12. —	—
5. —	—	13. —	—
6. B	Audio (AUX GND/Shield)	14. L	Audio (AUX Detect)
7. Y	Audio (AUX L)	15. —	—
8. R/O	ILL (+)	16. Br	Audio (AUX R)

M29 Head Lamp Leveling Device Switch (LHD)

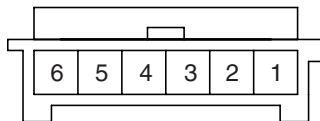
- 6 Female / White (KET_090II_06F_W_SW)



1. R/O	ILL (+)	4. B	Ground (GM01)
2. L	HLLD Actuator LH/RH	5. L/O	ILL. (-)
3. P	I/P Junction Box - F21 10A	6. —	—

M32 Hazard Switch

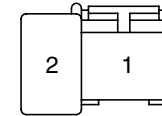
- 6 Female / Black (AMP_MQS_06F_B)



1. —	—	4. L/O	ILL (-)
2. —	—	5. Y	BCM (Hazard Switch Signal)
3. R/O	ILL (+)	6. B	Ground (GM02)

M33 Glove Box Lamp

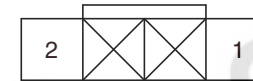
- 2 Female / Black (AMP_PLM2_02F_B)



1. R/O	I/P Junction Box (IPS3 - ILL(+))	2. G	Glove Box Switch
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M34 Glove Box Lamp Switch

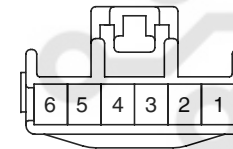
- 2 Female / White (KET_187_02F_W)



1. G	Glove Box Lamp	2. B	Ground (GM01)
------	----------------	------	---------------

M35 Head Lamp Leveling Device Switch (RHD)

- 6 Female / White (KET_090II_06F_W_SW)



1. —	—	4. P	I/P Junction Box - F21 10A
2. L/O	ILL. (-)	5. L	HLLD Actuator LH/RH
3. B	Ground (GM01)	6. R/O	ILL (+)

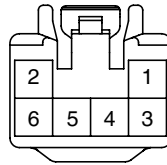
MAIN HARNESS

Main Harness (9)

CV10-9

M38 Electronic Steering Column Lock (With Smart Key)

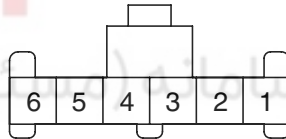
- 6 Female / White (KET_090III_06F_W)



1. —	—	4. G	Smart Key Control Module (Enable)
2. L	Smart Key Control Module (Ground)	5. Br	Smart Key Control Module (Unlock)
3. R	Smart Key Control Module (BAT)	6. R	Smart Key Control Module (Data Line)

M39 ODO Trip Switch (LHD)

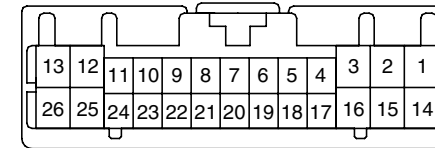
- 6 Female / White (KET_91A_06F_W)



1. —	—	4. Br	Instrument Cluster (Reset Switch)
2. R	Instrument Cluster (Mode Switch)	5. —	—
3. B	Ground (GM01)	6. —	—

M41-A A/C Control Module (Auto)

- 26 Female / White (KET_0407_26F_W)



1. G	I/P Junction Box - F13 10A	14. P	I/P Junction Box - F29 10A
2. R/O	ILL (+)	15. Br	Cluster Ionizer Signal
3. O	I/P Junction Box - F32 10A	16. O	Intake Actuator (FRE)
4. Y	Driver Temp. Actuator (Cool)	17. Y	Intake Actuator (REC)
5. O	Driver Temp. Actuator (Warm)	18. R	Cluster Ionizer Clean Signal
6. R/B	Instrument Cluster (ILL. Detent)	19. P	I/P Junction Box - F37 7.5A
7. R	Mode Actuator (Vent)	20. Y	Passenger Temp. Actuator (Cool)
8. L	Mode Actuator (DEF)	21. R	Passenger Temp. Actuator (Warm)
9. L/O	[D4HA]	22. W/B	FET (Field Effect Transistor) (Gate)
10. G	PTC Heater Relay #2 Control	23. R	FET (Field Effect Transistor) (Drain)
11. Gr	PTC Heater Relay #3 Control	24. G	I/P Junction Box - F38 7.5A
12. L/O	[D4HA]	25. W/O	BCM (Rear Defogger Switch Input)
13. B	Ground (GM01)	26. Gr	Sensor Ground

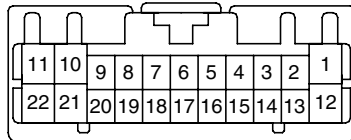
MAIN HARNESS

Main Harness (10)

CV10-10

M41-B A/C Control Module (Auto)

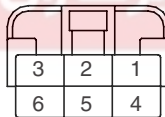
- 22 Female / White (KET_0407_22F_W)



1. O	C-CAN (Low)	12. B	Ground (GM01)
2. G	C-CAN (High)	13. W	Body K-Line
3. G	Intake Actuator (F/B)	14. W	Evaporator Sensor (+)
4. P	Mode Actuator (F/B)	15. L/B	Ambient Sensor (+)
5. L	Passenger Temp. Actuator (F/B)	16. —	—
6. W	Driver Temp. Actuator (F/B)	17. L	Auto Light & Photo Sensor (Driver)
7. G	Cluster Ionizer (ION Diagnosis)	18. R	Auto Light & Photo Sensor (Passenger)
8. Br	Vref (+)	19. —	—
9. —	—	20. —	—
10. —	—	21. —	—
11. L	A/C Compressor (Electrical Control Valve (+))	22. Gr	A/C Compressor (Electrical Control Valve (-))

M43-A A/C Control Module (Manual)

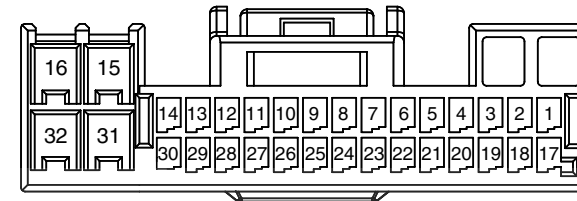
- 6 Female / White (KET_250DL_06F_W)



1. L	A/C Control Module (Blower Switch (High))	4. —	—
2. G	A/C Control Module (Blower Switch (M/High))	5. B	Ground (GM02)
3. P	A/C Control Module (Blower Switch (M/Low))	6. P	A/C Control Module, Blower Resistor (Blower Switch (Low))

M43-B A/C Control Module (Manual)

- 32 Female / White (KET_02509_32F_W)



1. R/O	ILL (+)	17. O	I/P Junction Box - F32 10A
2. G	I/P Junction Box - F13 10A	18. P	I/P Junction Box - F29 10A
3. R	Mode Actuator (Vent)	19. G	C-CAN (High)
4. L	Mode Actuator (DEF)	20. O	C-CAN (Low)
5. Br	Temp. Actuator (Warm)	21. G	I/P Junction Box - F38 7.5A
6. P	Temp. Actuator (Cool)	22. L	A/C Compressor (Electrical Control Valve (+))
7. O	Intake Actuator (FRE)	23. Gr	A/C Compressor (Electrical Control Valve (-))
8. Y	Intake Actuator (REC)	24. W/O	BCM (Defogger Switch)
9. —	—	25. Br	Vref (+)
10. R/B	Instrument Cluster (ILL. Detent)	26. W	Evaporator Sensor (+)
11. P	Mode Actuator (F/B)	27. L/B	Ambient Sensor (+)
12. W	Temp. Actuator (F/B)	28. Gr	[D4HA] PTC Heater Relay #1 Control, ECM
13. G	Intake Actuator (F/B)	29. L/O	[D4HA] PTC Heater Relay #2 Control
14. P	A/C Control Module (Blower Motor Common (-))	30. G	[D4HA] PTC Heater Relay #3 Control
15. L	Blower Resistor (Blower Motor - F/B)	31. Gr	Sensor Ground
16. L/O	ILL (-)	32. B	Ground (GM01)

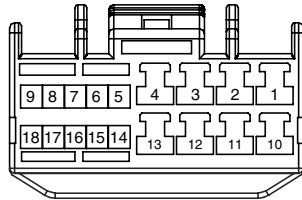
MAIN HARNESS

Main Harness (11)

CV10-11

M45-A Audio

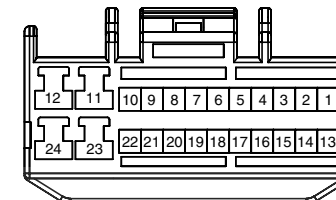
- 18 Female / White (KET_09025_18F_W)



1. Y	Rear Door Speaker LH (+)	10. L	Rear Door Speaker LH (+)
2. Br	[LHD]	11. W	[LHD]
	Driver Door Speaker (+)		Driver Door Speaker (-)
R	[RHD]	L	[RHD]
	Passenger Door Speaker (+)		Passenger Door Speaker (-)
3. R	[LHD]	12. L	[LHD]
	Passenger Door Speaker (+)		Passenger Door Speaker (-)
Br	[RHD]	W	[RHD]
	Driver Door Speaker (+)		Driver Door Speaker (-)
4. G	Rear Door Speaker RH (+)	13. O	Rear Door Speaker RH (-)
5. B	SPDIF Shield	14. —	—
6. G	AMP (SPDIF - OUT (-))	15. W	AMP (SPDIF - OUT (+))
7. —	—	16. —	—
8. R/O	ILL (+)	17. L/O	ILL (-)
9. R/B	Instrument Cluster (Detent)	18. G	Roof Antenna

M45-B Audio

- 24 Female / White (KET_09025_24F_W)



1. L	CAN High	13. R	CAN Low
2. —	—	14. —	—
3. —	—	15. —	—
4. L	Audio Remote Control	16. Br	Vehicle Speed Signal
5. —	—	17. Gr	Audio Remote Control Ground
6. Br	AUX & USB Jack (USB D (+))	18. B	AUX & USB Jack (USB D (-))
7. R	AUX & USB Jack (USB/iPOD - VDO)	19. B/O	AUX & USB Jack (USB/iPOD - GND)
8. Br	AUX & USB Jack (AUX R_IN)	20. L	AUX & USB Jack (AUX DET)
9. L/B	AUX & USB Jack (AUX GND)	21. Y	AUX & USB Jack (AUX L_IN)
10. —	—	22. —	—
11. Br	I/P Junction Box - F28 10A	23. —	—
12. R	I/P Junction Box - F1 20A (Power Connector)	24. B	Ground (GM03)

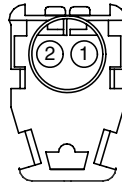
MAIN HARNESS

Main Harness (12)

CV10-12

M46 Passenger Air Bag

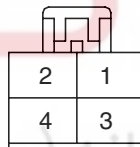
- 2 Female / Light Green (FCI_AKII_02F_LG_II)



1. L SRS Control Module (High) 2. Br SRS Control Module (Low)

M49 Blower Resistor (Manual A/C)

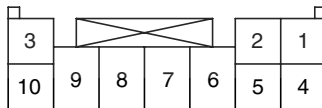
- 4 Female / Black (KUM_DSD_04F_B_L)



1. P A/C Control Module (Blower Switch (M/Low)) 3. R A/C Control Module (Blower Switch (M/Low))
 2. G A/C Control Module (Blower Switch (M/High), Blower F/B) 4. L Blower Motor, A/C Control Module (Blower Switch (High))

M51-A PDM Relay Box (With Smart Key)

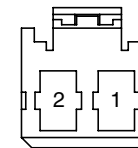
- 10 Female / White (AMP_0925_10F_W)



1. R Smart Key Control Module (ACC Relay Control) 6. W I/P Junction Box - F27 10A
 2. — — 7. P E/R Fuse & Relay Box - F12 30A (IG1)
 3. B Ground (GM01) 8. L I/P Junction Box - F24 10A
 4. Y Smart Key Control Module (IGN2 Relay Control) 9. — —
 5. — — 10. W Smart Key Control Module (IGN1 Relay Control)

M51-B PDM Relay Box (With Smart Key)

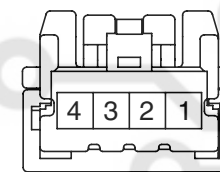
- 2 Female / Black (AMP_250JPT_02F_B)



1. L I/P Junction Box - F30 10A 2. R E/R Fuse & Relay Box - F13 40A (IG2)

M54 RF Receiver (With Smart Key)

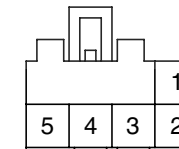
- 4 Female / White (KET_040III_04F_W)



1. O Smart Key Control Module (RF_COM) 3. G I/P Junction Box - F2 10A (Power Connector)
 2. — — 4. B Ground (GM01)

M56 Rear Parking Assist Buzzer

- 5 Female / White (KUM_CDR_05F_W)



1. — — 4. — —
 2. Gr BCM (Rear Parking Assist Buzzer) 5. Y I/P Junction Box - F5 10A
 3. — —

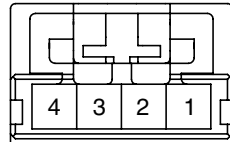
MAIN HARNESS

Main Harness (13)

CV10-13

M58 Steering Angle Sensor (W/O MDPS)

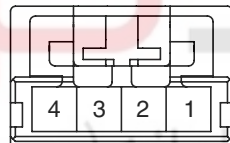
- 4 Female / Black (AMP_MQS_04F_B_040)



- | | | | |
|-------|-----------------------------|------|------------|
| 1. B | Ground (GM01) | 3. G | C-CAN High |
| 2. Gr | I/P Junction Box - F24 7.5A | 4. O | C-CAN Low |

M60 Smart Key Antenna #1

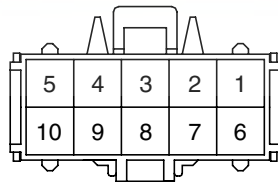
- 4 Female / Black (AMP_MQS_04F_B_040)



- | | | | |
|------|---|------|---|
| 1. — | — | 3. — | — |
| 2. L | Smart Key Control Module
(Interior Antenna #1 PWR) | 4. R | Smart Key Control Module
(Interior Antenna #1 GND) |

M61 Start/Stop Button Switch (With Smart Key)

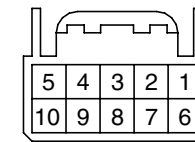
- 10 Female / Black (MLX_FIT_10F_B)



- | | | | |
|--------|---|--------|---|
| 1. W | Smart Key Control Module
(SSB SW2) | 6. B | Ground (GM01) |
| 2. R | I/P Junction Box - F14 10A | 7. W/B | Smart Key Control Module
(SSB SW1) |
| 3. Y | Smart Key Control Module
(SSB ILL Amber) | 8. G | Smart Key Control Module
(SSB ILL Green) |
| 4. B/O | Smart Key Control Module
(SSB ILL GND) | 9. L/O | ILL (-) |
| 5. R/B | Smart Key Control Module
(SSB ILL Power) | 10. — | — |

M62 Telltale Lamp

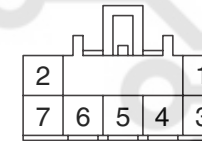
- 10 Female / Black (AMP_025_10F_B)



- | | | | |
|------|----------------------------|---------|--------------------|
| 1. — | — | 6. — | — |
| 2. — | — | 7. — | — |
| 3. R | I/P Junction Box - F29 10A | 8. B | Ground (GM01) |
| 4. — | — | 9. — | — |
| 5. — | — | 10. O/B | BCM (Crash Unlock) |

M63 Passenger Temperature Actuator (LHD)

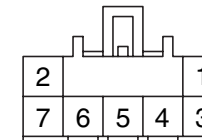
- 7 Female / White (KUM_CDR_07F_W)



- | | | | |
|------|---------------------------|-------|---------------------------------|
| 1. — | — | 5. Br | A/C Control Module (Vref (+)) |
| 2. — | — | 6. G | A/C Control Module (F/B) |
| 3. Y | A/C Control Module (Cool) | 7. Gr | A/C Control Module (Sensor GND) |
| 4. R | A/C Control Module (Warm) | | |

M64 Passenger Temperature Actuator (RHD)

- 7 Female / White (KUM_CDR_07F_W)



- | | | | |
|------|---------------------------|-------|---------------------------------|
| 1. — | — | 5. Br | A/C Control Module (Sensor GND) |
| 2. — | — | 6. G | A/C Control Module (F/B) |
| 3. Y | A/C Control Module (Warm) | 7. Gr | A/C Control Module (Vref (+)) |
| 4. R | A/C Control Module (Cool) | | |

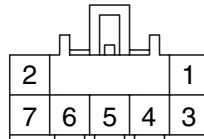
MAIN HARNESS

Main Harness (14)

CV10-14

M65 Driver Temperature Actuator (LHD)

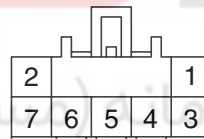
- 7 Female / White (KUM_CDR_07F_W)



1. —	—	5. Gr	A/C Control Module (Sensor GND)
2. —	—	6. W	A/C Control Module (F/B)
3. O	A/C Control Module (Warm)	7. Br	A/C Control Module (Vref (+))
4. Y	A/C Control Module (Cool)		

M66 Driver Temperature Actuator (RHD)

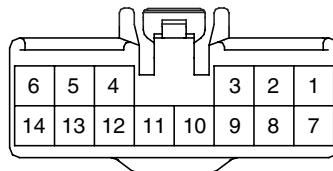
- 7 Female / White (KUM_CDR_07F_W)



1. —	—	5. Gr	A/C Control Module (Vref (+))
2. —	—	6. W	A/C Control Module (F/B)
3. O	A/C Control Module (Cool)	7. Br	A/C Control Module (Sensor GND)
4. Y	A/C Control Module (Warm)		

M73-A Smart Key Control Module

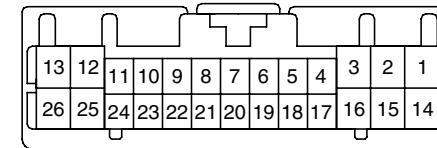
- 14 Female / White (KET_090III_14F_W)



1. B	Ground (GM02)	8. L	ESCL (Ground)
2. L/O	I/P Junction Box - F27 10A	9. P	External Buzzer
3. W	I/P Junction Box - F30 10A	10. R	PDM Relay Box (ACC Relay)
4. G	I/P Junction Box - F24 10A	11. W	PDM Relay Box (IGN1 Relay)
5. R/O	I/P Junction Box - F14 10A	12. Y	PDM Relay Box (IGN2 Relay)
6. R	I/P Junction Box - F19 25A	13. R	I/P Junction Box - F20 10A
7. B	Ground (GM02)	14. R	ESCL (Bat)

M73-B Smart Key Control Module

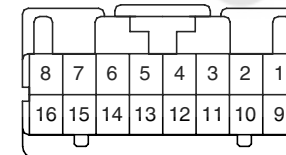
- 26 Female / White (KET_0407_26F_W)



1. —	—	14. —	—
2. Gr/B	Driver Smart Key Outside Handle (Lock/Unlock Switch)	15. W/B	Passenger Smart Key Outside Handle (Lock/Unlock Switch)
3. —	—	16. —	—
4. —	—	17. —	—
5. —	—	18. —	—
6. W	Start/Stop Button Switch (SSB SW1)	19. O/B	FOB Holder (Key In Switch)
7. P	ESP Control Module	20. W	PCM/ECM (Engine RPM)
8. W/B	Start/Stop Button Switch (SSB SW2)	21. P	E/R Fuse & Relay Box (RLY. 4)
9. —	—	22. —	—
10. —	—	23. —	—
11. Br	ESCL (Unlock)	24. —	—
12. L	B-CAN (High)	25. —	—
13. R	B-CAN (Low)	26. Y/B	License Lamp (Tail Gate Handle Switch)

M73-C Smart Key Control Module

- 16 Female / White (KET_0407_16F_W)



1. O	C-CAN (Low)	11. G	ESCL (Enable)
2. G	C-CAN (High)	12. —	—
3. —	—	13. L	E/R Fuse & Relay Box - F17 10A
4. P/B	FOB Holder (FOB ILL)	14. —	—
5. —	ESCL (Data-Link)	15. W	[A/T]
6. W	K-Line		ATM Shift Lever ('P' Position Switch)
7. G/B	Stop Lamp Switch		[M/T]
8. W/B	FOB Holder (IMMO Data)		Ignition Lock Switch
9. O	RF Receiver		FOB Holder (IMMO Clock)
10. W/O	ECM/PCM (EMS COM)		

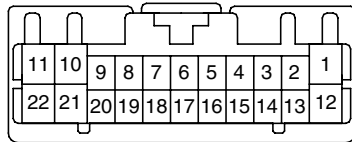
MAIN HARNESS

Main Harness (15)

CV10-15

M73-D Smart Key Control Module

- 22 Female / White (KET_0407_22F_W)



1. Br/O	Instrument Cluster (IMMO. IND.)	12. —	—
2. Y	Start/Stop Button Switch (SSB Amber)	13. G	Start/Stop Button Switch (SSB Green)
3. R/B	Start/Stop Button Switch (SSB ILL. (+))	14. B/O	Start/Stop Button Switch (ILL. (-))
4. O	Smart Key Antenna #2 (GND)	15. G	Smart Key Antenna #2 (PWR)
5. L	Smart Key Antenna #1 (GND)	16. B	Smart Key Antenna #1 (PWR)
6. —	—	17. —	—
7. —	—	18. —	—
8. G	Smart Key Antenna #3 (PWR)	19. L	Smart Key Antenna #3 (GND)
9. Br	Smart Key Bumper Antenna (PWR)	20. W	Smart Key Bumper Antenna (GND)
10. B	Passenger Smart Key Outside Handle (ANT PWR)	21. Y	Passenger Smart Key Outside Handle (ANT GND)
11. Br	Driver Smart Key Outside Handle (ANT PWR)	22. W	Driver Smart Key Outside Handle (ANT GND)

M74 Digital Clock

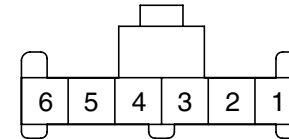
- 8 Female / White (AMP_MQS_08F_W)



1. L/O	ILL (-)	5. —	I/P Junction Box - F29 10A
2. R/O	ILL (+)	6. R/B	Instrument Cluster (Detent)
3. —	BCM (IND.)	7. Br	I/P Junction Box - F28 10A
4. B	Ground (GM01)	8. R	I/P Junction Box - F13 10A

M76 ODO Trip Switch (RHD)

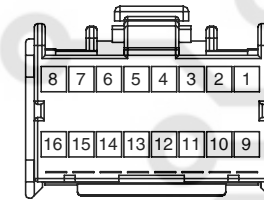
- 6 Female / White (KET_91A_06F_W)



1. —	—	4. R	Instrument Cluster (Mode Switch)
2. Br	Instrument Cluster (Reset Switch)	5. —	—
3. B	Ground (GM01)	6. —	—

M77 Multi Switch

- 16 Female / Black (KET_040II_16F_B)

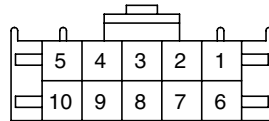


1. Gr	E/R Fuse & Relay Box - F24 7.5A	8. —	—
2. R	ESP Control Module (ESP Off Switch)	9. —	—
3. G	Instrument Cluster (Rheostat Down Switch)	10. —	—
4. Y	[G4KD/G4KE]	11. —	—
	4WD ECM (4WD Lock Switch)	12. —	—
5. L	Instrument Cluster (Rheostat Up Switch)	13. —	—
6. P	ESP Control Module (DBC Switch)	14. B	Ground (GM01)
7. L/O	ILL (-)	15. R/O	ILL (+)
		16. G	Instrument Cluster (Active ECO Switch)

FOB EXT. HARNESS E256F246

Fob EXT. Harness (1)
CV11-1
M75
Fob Holder

- 10 Female / White (YAZ_SP_10F_W)



- | | | | |
|--------|--|--------|---------------------------------------|
| 1. — | — | 6. R/B | I/P Junction Box - F14 10A |
| 2. Y/B | Smart Key Control Module (IMMO. Clock) | 7. W/B | Smart Key Control Module (IMMO. Data) |
| 3. P/B | Smart Key Control Module (Holder ILL) | 8. R/B | I/P Junction Box - F14 10A |
| 4. — | — | 9. O/B | Smart Key Control Module (FOB In) |
| 5. B | Ground (GM01) | 10. — | — |



CONSOLE EXT. HARNESS

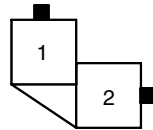
E08A230C

Console EXT. Harness (1)

CV12-1

M81 Front Power Outlet LH

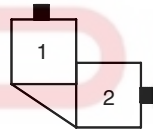
- 2 Female / N/A (N/A)



1. G I/P Junction Box - F33 20A 2. B Ground (GM02)

M82 Front Cigarette Lighter LH

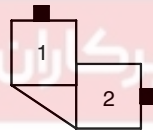
- 2 Female / N/A (N/A)



1. G I/P Junction Box - F33 20A 2. B Ground (GM02)

M83 Front Power Outlet RH

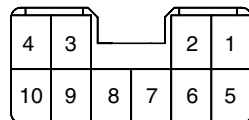
- 2 Female / N/A (N/A)



1. L I/P Junction Box - F26 15A 2. B Ground (GM02)

M84 Driver Seat Warmer Switch (LHD)

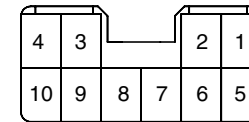
- 10 Female / N/A (N/A)



- | | | | |
|---------|-------------------------------------|--------|----------------------------|
| 1. Gr/O | I/P Junction Box - F29 10A | 6. L/O | ILL (+) |
| 2. B | Ground (GM01) | 7. R/O | ILL (-) |
| 3. L | Driver Cushion Warmer (Low Switch) | 8. R | I/P Junction Box - F35 15A |
| 4. W | Driver Cushion Warmer (High Switch) | 9. — | — |
| 5. Br | Driver Cushion Warmer (IND) | 10. — | — |

M85 Passenger Seat Warmer Switch (LHD)

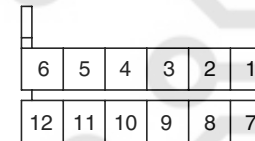
- 10 Female / N/A (N/A)



- | | | | |
|---------|--|--------|--------------------------------|
| 1. Gr/O | I/P Junction Box - F29 10A | 5. Br | Passenger Cushion Warmer (IND) |
| 2. B | Ground (GM01) | 6. L/O | ILL (+) |
| 3. L | Passenger Cushion Warmer (Low Switch) | 7. R/O | ILL (-) |
| 4. W | Passenger Cushion Warmer (High Switch) | 8. R | I/P Junction Box - F35 15A |
| | Passenger Cushion Warmer (IND) | 9. — | — |
| | | 10. — | — |

M86 Driver CCS Switch (LHD)

- 12 Female / N/A (N/A)



- | | | | |
|--------|-------------------------------------|--------|------------------------------------|
| 1. Gr | Driver CCS Module (Heat High - IND) | 8. P | Driver CCS Module (Heat Low - IND) |
| 2. R | I/P Junction Box - F5 10A | 9. — | — |
| 3. R/O | ILL (+) | 10. — | — |
| 4. L/O | ILL (-) | 11. — | — |
| 5. W | Driver CCS Module (Cool High - IND) | 12. Br | Driver CCS Module (Cool Switch) |
| 6. L | Driver CCS Module (Cool Low - IND) | | |
| 7. W | Driver CCS Module (Heat Switch) | | |

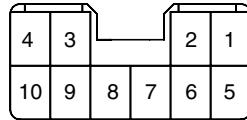
CONSOLE EXT. HARNESS

Console EXT. Harness (2)

CV12-2

M87 Passenger Seat Warmer Switch (RHD)

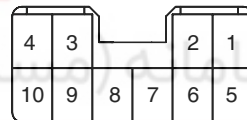
- 10 Female / N/A (N/A)



- | | | | |
|---------|--|--------|--------------------------------|
| 1. Gr/O | I/P Junction Box - F29 10A | 5. Br | Passenger Cushion Warmer (IND) |
| 2. B | Ground (GM01) | 6. L/O | ILL (+) |
| 3. L | Passenger Cushion Warmer (Low Switch) | 7. R/O | ILL (-) |
| 4. W | Passenger Cushion Warmer (High Switch) | 8. R | I/P Junction Box - F35 15A |
| | Passenger Cushion Warmer (IND) | 9. — | — |
| | | 10. — | — |

M88 Driver Seat Warmer Switch (RHD)

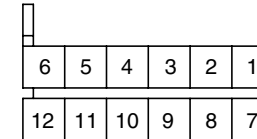
- 10 Female / N/A (N/A)



- | | | | |
|---------|-------------------------------------|--------|----------------------------|
| 1. Gr/O | I/P Junction Box - F29 10A | 6. L/O | ILL (+) |
| 2. B | Ground (GM01) | 7. R/O | ILL (-) |
| 3. L | Driver Cushion Warmer (Low Switch) | 8. R | I/P Junction Box - F35 15A |
| 4. W | Driver Cushion Warmer (High Switch) | 9. — | — |
| 5. Br | Driver Cushion Warmer (IND) | 10. — | — |

M89 Driver CCS Switch (RHD)

- 12 Female / N/A (N/A)



- | | | | |
|--------|-------------------------------------|-------|-------------------------------------|
| 1. L | Driver CCS Module (Cool Low - IND) | 8. W | Driver CCS Module (Cool High - IND) |
| 2. R | I/P Junction Box - F5 10A | 9. — | — |
| 3. R/O | ILL (+) | 10. — | — |
| 4. L/O | ILL (-) | 11. — | — |
| 5. Gr | Driver CCS Module (Heat High - IND) | 12. W | Driver CCS Module (Heat Switch) |
| 6. P | Driver CCS Module (Heat Low - IND) | | |
| 7. Br | Driver CCS Module (Cool Switch) | | |

CONTROL HARNESS

E85C2882

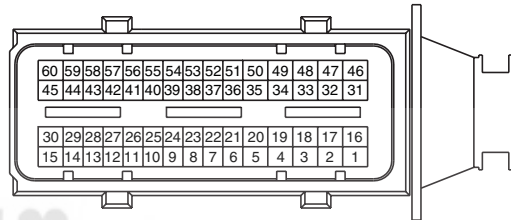
Control Harness (1)

CV20-1

G4KD/G4KE : THETA II 2.0L/2.4L

CHG-A PCM

- 60 Female / Black (AMP_ECU_60F_B_R)



1. G	[IMMO./With Smart Key] IGN. Coil #4 Control [IMMO./W/O Smart Key] IGN. Coil #1 Control	16. W	[IMMO./With Smart Key] IGN. Coil #2 Control [IMMO./W/O Smart Key] IGN. Coil #3 Control	31. B	[IMMO./With Smart Key] IGN. Coil #1 Control [IMMO./W/O Smart Key] IGN. Coil #4 Control	46. R	[IMMO./With Smart Key] IGN. Coil #3 Control [IMMO./W/O Smart Key] IGN. Coil #2 Control
2. B	Ignition Coil Shield Ground	17. Br	[A/T] ATM Solenoid Valve (UD_VFS)	32. G	[A/T] ATM Solenoid Valve (SS-B)	47. Gr	[A/T] ATM Solenoid Valve (Solenoid Power 1)
3. L	[A/T] ATM Solenoid Valve (LP_VFS)	18. P	[A/T] ATM Solenoid Valve (26_VFS)	33. P	[A/T] ATM Solenoid Valve (SS-A)	48. O	[A/T] ATM Solenoid Valve (Solenoid Power 2)
4. G/B	[A/T] ATM Solenoid Valve (DC_VFS)	19. G	[A/T] Shift Lever (Shift Lock Solenoid)	34. B	[A/T] Ground (GHG07)	49. G	EMS Box - F2 15A
5. W	[A/T] ATM Solenoid Valve (35R_VFS)	20. Y	[A/T] ATM Solenoid Valve (OD_VFS)	35. B	[A/T] Ground (GHG07)	50. G	EMS Box - F2 15A
6. Br	[A/T] Input Speed Supply	21. —	—	36. P	[A/T] Shift Lever (Down Shift)	51. —	—
7. Gr	[A/T] Output Speed Supply	22. —	—	37. Gr	[A/T] Shift Lever (Up Shift)	52. —	—
8. W	[A/T] Input Speed Signal	23. —	—	38. W	[A/T] Shift Lever (Select Switch)	53. Br	[A/T] ATM Solenoid Valve (Oil Temp. Sensor (-))
9. L	[A/T] Output Speed Signal	24. W	E/R Fuse & Relay Box - RLY. 4	39. —	—	54. R	[A/T] ATM Solenoid Valve (Oil Temp. Sensor (+))
10. —	—	25. R	[A/T] Transaxle Range Switch (Position Switch Code (S2))	40. P	[A/T] Transaxle Range Switch (Position Switch Code (S1))	55. —	—
11. —	—	26. G	[A/T] Transaxle Range Switch (Position Switch Code (S3))	41. —	—	56. —	—
12. —	—	27. Br	[A/T] Transaxle Range Switch (Position Switch Code (S4))	42. —	—	57. —	—
13. —	—	28. P	E/R Fuse & Relay Box - RLY. 11	43. W	[M/T] Clutch Switch	58. W	Power Steering Switch
14. W	Alternator (FR)	29. G/B	Stop Lamp Switch (Brake Light Switch)	44. L/B	Stop Lamp Switch (Brake Test Switch)	59. —	—
15. B	Cruise Control Switch Ground	30. O	Cruise Control Switch Signal	45. —	—	60. —	—

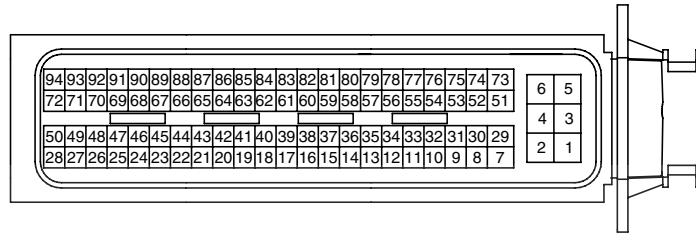
CONTROL HARNESS

Control Harness (2)

CV20-2

CHG-K PCM

- 94 Female / Black (AMP_ECU_94F_B_R)



1. B	Ground (GHG07)	25. Br	Injector #1 Control	49. —	—	73. —	—
2. G	E/R Fuse & Relay Box - F23 7.5A	26. L	Injector #3 Control	50. W	Variable Intake Manifold Valve	74. B	Map Sensor (Sensor Ground)
3. B	Ground (GHG07)	27. G	Injector #4 Control	51. G	EMS Box - F7 15A	75. L	[With Smart Key]
4. L	EMS Box - RLY. 1	28. Gr	Injector #2 Control	52. —	—		IMMO. Data Line
5. B	Ground (GHG07)	29. —	—	53. G	Map Sensor (IAT Sensor)		[With IMMO.]
6. G	EMS Box - F2 15A	30. L	Map Sensor (MAP Sensor Supply)	54. Gr	APT (Signal)		IMMO. Data Line
7. —	—	31. P	Map Sensor	55. —	—	76. —	—
8. —	—		(MAF/MAP Sensor Signal)	56. —	—	77. G	C-CAN (High)
9. —	—	32. L	ETC Motor & Throttle Position	57. G	APT (Ground)	78. O	C-CAN (Low)
10. —	—		Sensor (TPS. 2 (Signal))	58. —	—	79. —	—
11. —	—	33. W	ECTS Signal	59. B	ETC Motor & Throttle Position	80. P	ETC Motor & Throttle Position
12. R	Knock Sensor (Signal)	34. B	Knock Sensor (Ground)		Sensor ((TPS) Ground)		Sensor (TPS. 1 (Signal))
13. Br	APS. 2 (Ground)	35. L/O	APS. 2 (Signal)	60. Gr	APS. 1 (Supply)	81. —	—
14. L	ECTS Ground	36. L	APS. 2 (Supply)	61. Y	APS. 1 (Ground)	82. O	APS.1 (Signal)
15. Y	CMPS #2 (Signal)	37. W	CMPS #2 (Ground)	62. W	CMPS #1 (Signal)	83. P	CMPS #1 (Ground)
16. B	[W/O Euro V] O2 Sensor (Up) Ground	38. P	[W/O Euro V] O2 Sensor (Up) Signal	63. Y	ETC Motor & Throttle Position	84. W	O2 Sensor (Down) Signal
17. P	CKPS (Signal)	39. G	CKPS (Ground)		Sensor (TPS (Supply))	85. P	O2 Sensor (Down) Ground
18. W	[Euro V] O2 Sensor (UP) V_IP	40. P	Vehicle Speed Input :	64. L	EMS Box - RLY. 1	86. W	Smart Key Control Module
19. R	[Euro V] O2 Sensor (UP) V_N		ABS/ESP Control Module	65. O	E/R Fuse & Relay Box - RLY. 3		(Engine RPM)
20. L	[Euro V] O2 Sensor (UP) V_G	41. —	—	66. L	OCV #1 (Actuator Control Signal 1)	87. Br	EMS Box - RLY. 3
21. —	—	42. P	[Euro V] O2 Sensor (UP) V_RC	67. G	PCSV (Control)	88. Gr/O	E/R Fuse & Relay Box - RLY. 9
22. —	—	43. W/B	APT (Supply)	68. Y/B	OCV #2 (Actuator Control Signal 2)	89. —	—
23. —	—	44. —	—	69. Br/O	[With IMMO.]	90. —	—
24. R/B	E/R Fuse & Relay Box - RLY. 4	45. —	—		Instrument Cluster (IMMO. IND.)	91. —	—
		46. —	—	70. G	EMS BOX - RLY. 2	92. Y/B	Instrument Cluster
		47. —	—	71. W	ETC Motor & Throttle Position		(Engine Check IND.)
		48. —	—		Sensor (DC Motor 1)	93. G	O2 Sensor (Up) Heater
				72. R	ETC Motor & Throttle Position	94. Y	O2 Sensor (Down) Heater
					Sensor (DC Motor 2)		

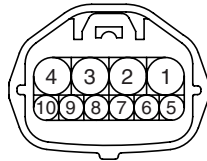
CONTROL HARNESS

Control Harness (3)

CV20-3

CHG01 Transaxle Range Switch

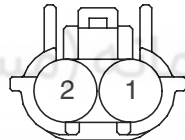
- 10 Female / Black (KET_0509WP_10F_B)



1. —	—	6. —	—
2. R	PCM (S2)	7. —	—
3. —	—	8. G	PCM (S3)
4. G	E/R Fuse & Relay Box - F25 7.5A	9. Br	PCM (S4)
5. —	—	10. P	PCM (S1)

CHG02 Ambient Sensor

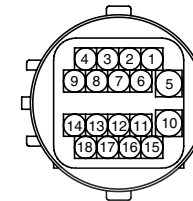
- 2 Female / Black (KET_SWP_02F_B)



1. L/B	A/C Control Module (Sensor (+))	2. Gr	A/C Control Module (Sensor Ground)
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CHG04 ATM Solenoid Valve

- 18 Female / Black (FCI_MULWP_18F_B_1)



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

CHG05-1 Oil Control Valve #1

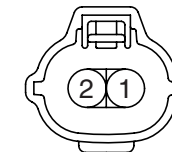
- 2 Female / Black (KET_090WP_02F_B_L)



1. L	PCM (Actuator Control Signal 1)	2. W	EMS Box - F4 10A
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CHG05-2 Oil Control Valve #2

- 2 Female / Black (KET_090WP_02F_B_L)



1. Y/B	PCM (Actuator Control Signal 2)	2. W	EMS Box - F4 10A
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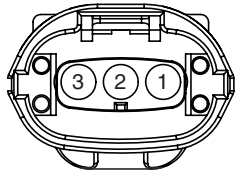
CONTROL HARNESS

Control Harness (4)

CV20-4

CHG06 Alternator

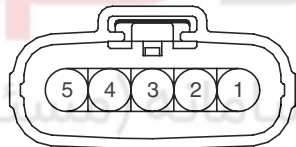
- 3 Female / Gray (KET_090IWP_03F_GR_3)



- | | | | |
|------|---------------------------------------|------|----------|
| 1. — | — | 3. W | PCM (FR) |
| 2. G | I/P Junction Box
(Diode : F29 10A) | | |

CHG07 Front Wiper Motor

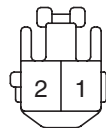
- 5 Female / Black (KUM_NDWP_05F_B)



- | | | | |
|------|---|------|---|
| 1. B | Ground (GHG02) | 4. G | Multifunction Switch (Low Switch) |
| 2. L | E/R Fuse & Relay Box - RLY. 12
[With Rain Sensor] | 5. P | Multifunction Switch (High Switch)
[With Rain Sensor] |
| | E/R Fuse & Relay Box - RLY. 12,
I/P Junction Box - F25 25A
I/P Junction Box - F25 25A | | E/R Fuse & Relay Box - RLY. 13,
Multifunction Switch (High Switch) |
| 3. Y | [With Rain Sensor]
E/R Fuse & Relay Box - RLY. 12,
Rain Sensor (Parking Switch) | | |

CHG08 Ignition Lock Switch (M/T)

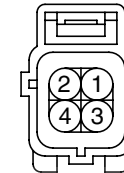
- 2 Female / White (KET_090III_02F_W_L)



- | | | | |
|------|----------------|------|--|
| 1. B | Ground (GHG02) | 2. W | [With Smart Key]
Smart Key Control Module |
|------|----------------|------|--|

CHG11 Engine Coolant Temperature Sensor

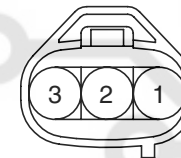
- 4 Female / Black (AMP_EJWP_04F_B)



- | | | | |
|------|----------------|--------|---------------------|
| 1. B | Ground (GHG01) | 3. L | PCM (Sensor Ground) |
| 2. — | — | 4. W/B | PCM (Sensor Signal) |

CHG13-1 Camshaft Position Sensor #1

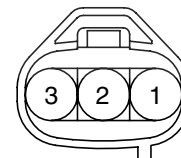
- 3 Female / Gray (SUM_090IWP_03F_GR_R)



- | | | | |
|------|---------------------|------|---------------------|
| 1. G | EMS Box - F4 10A | 3. W | PCM (Sensor Signal) |
| 2. P | PCM (Sensor Ground) | | |

CHG13-2 Camshaft Position Sensor #2

- 3 Female / Gray (SUM_090IWP_03F_GR_R)



- | | | | |
|------|---------------------|------|---------------------|
| 1. G | EMS Box - F4 10A | 3. Y | PCM (Sensor Signal) |
| 2. W | PCM (Sensor Ground) | | |

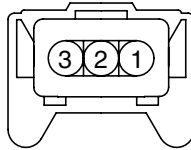
CONTROL HARNESS

Control Harness (5)

CV20-5

CHG14 Crankshaft Position Sensor

- 3 Female / Black (AMP_JPT_03F_B_S2)



- | | | | |
|---------|---------------------|------|---------------------|
| 1. Gr/B | EMS Box - F4 10A | 3. P | PCM (Sensor Signal) |
| 2. G | PCM (Sensor Ground) | | |

CHG15 Oil Pressure Switch

- 1 Female / Black (KUM_NMWP_01F_B)



- | | |
|--------|--|
| 1. Y/B | Instrument Cluster (Oil Pressure IND.) |
|--------|--|

CHG16 Oxygen Sensor (Up) (W/O Euro V)

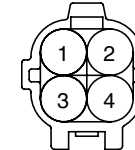
- 4 Female / Black (KET_090IWP_04F_B)



- | | | | |
|------|---------------------|------|---------------------|
| 1. P | PCM (Sensor Signal) | 3. P | EMS Box - F7 15A |
| 2. W | PCM (Sensor Ground) | 4. O | PCM (Sensor Heater) |

CHG17 Oxygen Sensor (Down)

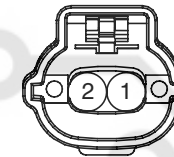
- 4 Male / Black (KET_SWP_04M_B)



- | | | | |
|------|---------------------|------|---------------------|
| 1. P | PCM (Sensor Ground) | 3. Y | PCM (Sensor Heater) |
| 2. W | PCM (Sensor Signal) | 4. O | EMS Box - F7 15A |

CHG18-1 Ignition Coil #1

- 2 Female / Black (KET_090WP_02F_B_L3)



[With IMMO. / Smart Key]

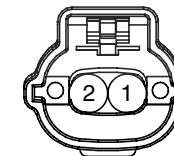
- | | |
|------|------------------|
| 1. B | PCM |
| 2. P | EMS Box - F5 20A |

[W/O IMMO. / Smart Key]

- | |
|------|
| 1. G |
| 2. P |

CHG18-2 Ignition Coil #2

- 2 Female / Black (KET_090WP_02F_B_L3)



[With IMMO. / Smart Key]

- | | |
|------|------------------|
| 1. W | PCM |
| 2. L | EMS Box - F5 20A |

[W/O IMMO. / Smart Key]

- | | |
|------|------------------|
| 1. R | PCM |
| 2. L | EMS Box - F5 20A |

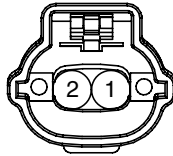
CONTROL HARNESS

Control Harness (6)

CV20-6

CHG18-3 Ignition Coil #3

- 2 Female / Black (KET_090WP_02F_B_L3)



[With IMMO. / Smart Key]

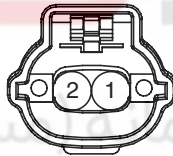
1. R PCM
2. G EMS Box - F5 20A

[W/O IMMO. / Smart Key]

1. W PCM
2. G EMS Box - F5 20A

CHG18-4 Ignition Coil #4

- 2 Female / Black (KET_090WP_02F_B_L3)



[With IMMO. / Smart Key]

1. G PCM
2. W EMS Box - F5 20A

[W/O IMMO. / Smart Key]

1. B PCM
2. W EMS Box - F5 20A

CHG19 Condenser

- 2 Female / Black (MLX_090CIGAR_02F_B)

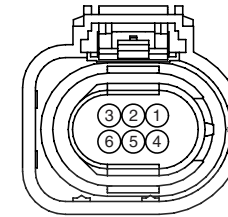


1. B Ground (GHG01)

2. P EMS Box - F5 20A

CHG20 Oxygen Sensor (Up) (With Euro V)

- 6 Female / Black (AMP_MTIWP_06F_B)

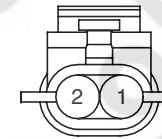


1. L PCM (V_G)
2. R PCM (V_N)
3. W PCM (V_IP)

4. P EMS Box - F7 15A
5. G PCM (Heater)
6. P PCM (V_RC)

CHG21 Canister Purge Control Solenoid Valve

- 2 Female / Black (PKD_MP150_02F_B)

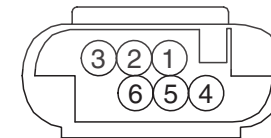


1. W EMS Box - F4 10A

2. G PCM

CHG22 ETC Motor & Throttle Position Sensor

- 6 Female / Black (AMP_MQSWP_06F_B_1)



1. B PCM (TPS Ground)
2. Y PCM (TPS Supply)
3. W PCM (DC Motor 1)

4. P PPCM (TPS 1 Signal)
5. L PCM (TPS 2 Signal)
6. R PCM (DC Motor 2)

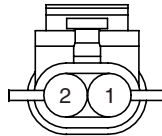
CONTROL HARNESS

Control Harness (7)

CV20-7

CHG23 Knock Sensor

- 2 Female / Gray (PKD_150WP_02F_GR)



1. B PCM (Sensor Ground) 2. R PCM (Sensor Signal)

CHG24-1 Injector #1

- 2 Female / Black (KUM_NDWP_02F_B)



1. L EMS Box - F8 10A 2. Br PCM

CHG24-2 Injector #2

- 2 Female / Black (KUM_NDWP_02F_B)



1. O EMS Box - F8 10A 2. Gr PCM

CHG24-3 Injector #3

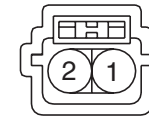
- 2 Female / Black (KUM_NDWP_02F_B)



1. P EMS Box - F8 10A 2. L PCM

CHG24-4 Injector #4

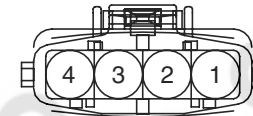
- 2 Female / Black (KUM_NDWP_02F_B)



1. O EMS Box - F8 10A 2. G PCM

CHG25 MAP Sensor

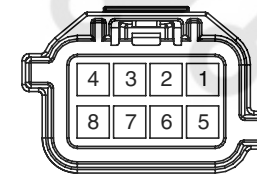
- 4 Female / Black (AMP_JPT_04F_B_BOSCH)



1. P PCM (MAF/MAP Sensor Signal) 3. G PCM (IAT Sensor)
2. L PCM (MAP Sensor Supply) 4. B PCM (Sensor Ground)

CHG26 Head Lamp LH

- 8 Female / Black (KUM_XWP_08F_B)



1. Y BCM (Turn Lamp) 5. G I/P Junction Box - IPS 7 (Tail Lamp)
2. O I/P Junction Box - IPS 5
(Head Lamp High) 6. B Ground (GHG05)
3. Gr I/P Junction Box - IPS 4
(Head Lamp Low) 7. P I/P Junction Box - IPS 9
(DRL Lamp High)
4. B Ground (GHG05) 8. B Ground (GHG05)

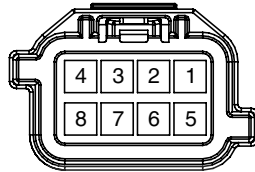
CONTROL HARNESS

Control Harness (8)

CV20-8

CHG27 Head Lamp RH

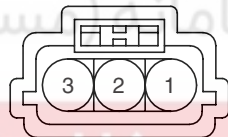
- 8 Female / Black (KUM_XWP_08F_B)



- | | | | |
|-------|--|------|---|
| 1. W | BCM (Turn Lamp) | 5. Y | I/P Junction Box - IPS 2 (Tail Lamp) |
| 2. O | I/P Junction Box - IPS 0 (Head Lamp Low) | 6. B | Ground (GHG04) |
| 3. Gr | I/P Junction Box - IPS 0 (Head Lamp Low) | 7. P | I/P Junction Box - IPS 8 (DRL Lamp Low) |
| 4. B | Ground (GHG04) | 8. B | Ground (GHG04) |

CHG28 A/C Compressor

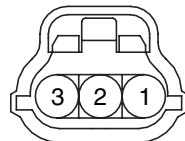
- 3 Female / Gray (KUM_NDWP_03F_GR)



- | | | | |
|------|------------------------------|-------|-----------------------------|
| 1. Y | EMS Box - RLY. 3 | 3. Gr | A/C Control Module (ECV IN) |
| 2. L | A/C Control Module (ECV OUT) | | |

CHG29 A/C Pressure Transducer

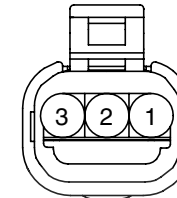
- 3 Female / Black (KET_040WP_03F_B)



- | | | | |
|------|-----------------------------|--------|--------------|
| 1. G | [G4KD/G4KE]
PCM (Ground) | 2. Gr | PCM (Signal) |
| B | [D4HA]
PCM (Ground) | 3. L/B | PCM (Supply) |

CHG30 Head Lamp Leveling Device Actuator LH

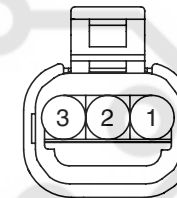
- 3 Female / Black (AMP_025WP_03F_B)



- | | | | |
|------|----------------|--------|----------------------------|
| 1. B | Ground (GHG02) | 3. Y/B | I/P Junction Box - F21 10A |
| 2. L | HLLD Switch | | |

CHG31 Head Lamp Leveling Device Actuator RH

- 3 Female / Black (AMP_025WP_03F_B)



- | | | | |
|------|----------------|------|----------------------------|
| 1. B | Ground (GHG02) | 3. Y | I/P Junction Box - F21 10A |
| 2. L | HLLD Switch | | |

CHG32 Power Steering Switch

- 1 Female / Black (KUM_NMWP_01F_B)



- | | |
|------|-----|
| 1. W | PCM |
|------|-----|

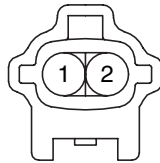
CONTROL HARNESS

Control Harness (9)

CV20-9

CHG34 Front Wheel Sensor RH

- 2 Male / Black (KET_090IWP_02M_B)



1. L ABS/ESP Control Module (SIG) 2. R ABS/ESP Control Module (VCC)

CHG35 Front Wiper Deicer

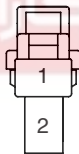
- 2 Female / Black (KUM_NMWP_02F_B)



1. G E/R Fuse & Relay Box - RLY. 10 2. B Ground (GHG05)

CHG36 Clutch Switch (M/T)

- 2 Female / White (KET_250DL_02F_W)



1. B Ground (GHG04) 2. W PCM
[With ESP] ESP Control Module

CHG37 Back-Up Lamp Switch (G4KD, M/T)

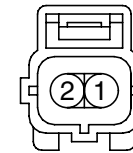
- 2 Female / Black (KUM_NMWP_02F_B)



1. B Ground (GHG01) 2. W IPS Control Module

CHG38 Back-Up Lamp Switch (G4KE, M/T)

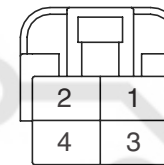
- 2 Female / Black (AMP_EJWP_02F_B)



1. G E/R Fuse & Relay Box - RLY. 10 2. B Ground (GHG05)

CHG39 Stop Lamp Switch

- 4 Female / White (KET_250DL_04F_W)



1. G/B ABS/ESP Control Module, PCM, ECM, DBC Relay, Smart Key Control Module, E/R Fuse & Relay Box - F17 10A
2. L
3. G/B Smart Key Control Module, ESP Control Module
4. L/B ESP Control Module, PCM

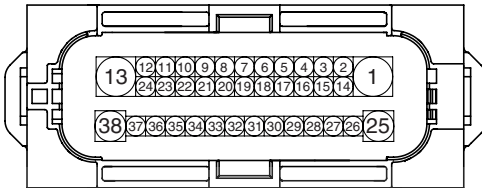
CONTROL HARNESS

Control Harness (10)

CV20-10

CHG40 ESP Control Module

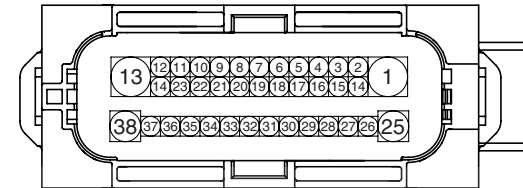
- 38 Female / Black (AMP_ABS_38F_B_A)



1. W	E/R Fuse & Relay Box - F5 40A (Multi Fuse)	22. R	I/P Junction Box (IPS Control Module), Parking Brake Switch
2. —	—	23. G/B	Stop Lamp Switch (Brake Light Switch)
3. —	—	24. B	Yaw Rate Sensor (CAN Low)
4. R	Yaw Rate Sensor (Power)	25. L	E/R Fuse & Relay Box - F3 40A (Multi Fuse)
5. —	—	26. G	C-CAN (High)
6. —	—	27. —	—
7. —	—	28. P	PCM (Wheel Speed Sensor Output FR)
8. W	ICM Relay Box (DBC Relay Control)	29. Gr	E/R Fuse & Relay Box - F24 7.5A
9. L	Stop Lamp Switch (Brake Switch)	30. —	—
10. R	Multi Switch (ESP Off Switch 'ON')	31. G	Front Wheel Sensor LH (SIG)
11. L	Yaw Rate Sensor (Ground)	32. L	Rear Wheel Sensor LH (SIG)
12. Y	Yaw Rate Sensor (CAN High)	33. W	Rear Wheel Sensor RH (VCC)
13. B	Ground (GHG06)	34. R	Front Wheel Sensor RH (VCC)
14. R	C-CAN (Low)	35. —	[M/T]
15. —	—	36. G/B	Clutch Switch
16. —	—	37. P	Multi Switch (DBC Switch 'ON')
17. P	Smart Key Control Module (Wheel Speed Sensor Output RR)	38. B	Ground (GHG06)
18. L	Front Wheel Sensor LH (VCC)		
19. R	Rear Wheel Sensor LH (VCC)		
20. B	Rear Wheel Sensor RH (SIG)		
21. L	Front Wheel Sensor RH (SIG)		

CHG41 ABS Control Module

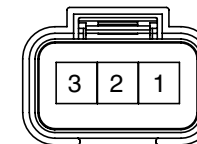
- 38 Female / Black (AMP_ABS_38F_B_A)



1. W	E/R Fuse & Relay Box - F5 40A (Multi Fuse)	20. B	Rear Wheel Sensor RH (SIG)
2. Gr	G-Sensor (Power)	21. L	Front Wheel Sensor RH (SIG)
3. Gr/O	G-Sensor (Signal)	22. —	—
4. —	—	23. G/B	Stop Lamp Switch (Brake Switch)
5. B	G-Sensor (Ground)	24. —	—
6. —	—	25. L	E/R Fuse & Relay Box - F3 40A (Multi Fuse)
7. —	—	26. G	C-CAN High
8. —	—	27. —	—
9. —	—	28. P	[G4KD/G4KE] PCM (Wheel Speed Sensor Output FR)
10. —	—	29. Gr	E/R Fuse & Relay Box - F24 7.5A
11. —	—	30. —	—
12. —	—	31. G	Front Wheel Sensor LH (SIG)
13. B	Ground (GHG06)	32. L	Rear Wheel Sensor LH (SIG)
14. O	C-CAN Low	33. W	Rear Wheel Sensor RH (VCC)
15. —	—	34. R	Front Wheel Sensor RH (VCC)
16. —	—	35. —	—
17. P	Smart Key Control Module (Wheel Speed Sensor Output RR)	36. —	—
18. L	Front Wheel Sensor LH (VCC)	37. —	—
19. R	Rear Wheel Sensor LH (VCC)	38. B	Ground (GHG06)

CHG42 Cooling Fan Motor

- 3 Female / Black (AMP_SPTWP_03F_B)



1. R	E/R Fuse & Relay Box - RLY. 9	3. B	Ground (GHG02)
2. W	E/R Fuse & Relay Box - RLY. 3		

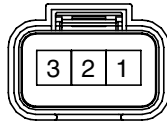
CONTROL HARNESS

Control Harness (11)

CV20-11

CHG43 G-Sensor

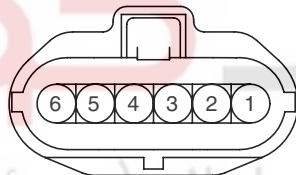
- 3 Female / Black (AMP_SPTWP_03F_B)



- | | | | |
|-------|--------------------------|---------|--------------------------|
| 1. Gr | ABS Control Module (PWR) | 3. Br/B | ABS Control Module (GND) |
| 2. R | ABS Control Module (SIG) | | |

CHG44 Accel Pedal Position Sensor

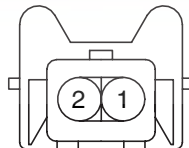
- 6 Female / Black (AMP_070WP_06F_B)



- | | | | |
|--------|--------------------|-------|--------------------|
| 1. L | PCM (APS 2 Supply) | 4. Gr | PCM (APS 1 Supply) |
| 2. O | PCM (APS 1 Signal) | 5. Y | PCM (APS 1 Ground) |
| 3. L/O | PCM (APS 2 Signal) | 6. Br | PCM (APS 2 Ground) |

CHG45 Brake Fluid Level Sensor

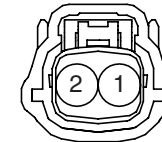
- 2 Female / Black (AMP_JPT_02F_B_CLIP)



- | | | | |
|------|----------------|---------|--|
| 1. B | Ground (GHG04) | 2. Br/B | IPS Control Module - Brake Fluid Level |
|------|----------------|---------|--|

CHG46 Burglar Alarm Horn

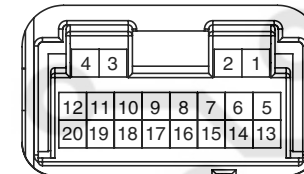
- 2 Female / Black (MLX_HORN_02F_B_FILT)



- | | | | |
|------|-------------------------------|------|----------------|
| 1. R | E/R Fuse & Relay Box - RLY. 5 | 2. B | Ground (GHG04) |
|------|-------------------------------|------|----------------|

CHG47 Multipurpose Check Connector

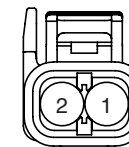
- 20 Female / Black (LM_DIAGNOSIS_20F_B)



- | | | | |
|-------|----------------|-------|---------------------------|
| 1. B | Ground (GHG05) | 11. — | — |
| 2. — | — | 12. G | I/P Junction Box - F5 10A |
| 3. — | — | 13. — | — |
| 4. — | — | 14. — | — |
| 5. B | Ground (GHG02) | 15. — | — |
| 6. — | — | 16. — | — |
| 7. — | — | 17. O | C-CAN (Low) |
| 8. — | — | 18. — | — |
| 9. G | C-CAN (High) | 19. W | Body K-Line |
| 10. — | — | 20. — | — |

CHG49 Hood Switch

- 2 Female / Black (KET_090IWP_02F_B_ASM)



- | | | | |
|--------|---------------------------------------|------|----------------|
| 1. R/B | I/P Junction Box (IPS Control Module) | 2. B | Ground (GHG04) |
|--------|---------------------------------------|------|----------------|

CONTROL HARNESS

Control Harness (12)

CV20-12

CHG50 Horn

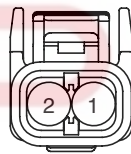
- 2 Female / Gray (KUM_NDWP_02F_GR)



1. G E/R Fuse & Relay Box - RLY. 2 2. B Ground (GHG04)

CHG51 External Buzzer

- 2 Female / Black (KET_090IWP_02F_B_ASM)



1. B Ground (GHG01) 2. P Smart Key Control Module

CHG52 Front Fog Lamp LH

- 2 Female / Black (KET_110WP_02F_B_A)



1. L I/P Junction Box (IPS 6) 2. B Ground (GHG05)

CHG53 Front Fog Lamp RH

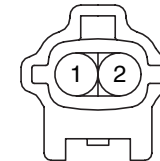
- 2 Female / Black (KET_110WP_02F_B_A)



1. L I/P Junction Box (IPS 6) 2. B Ground (GHG04)

CHG54 Front Wheel Sensor LH

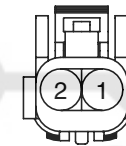
- 2 Male / Black (KET_090IWP_02M_B)



1. G ABS/ESP Control Module (SIG) 2. L ABS/ESP Control Module (VCC)

CHG55 Side Repeater Lamp LH

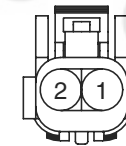
- 2 Female / Gray (KUM_62Z_02F_GR)



1. B Ground (GHG01) 2. Y BCM (Turn & Hazard Lamp Output)

CHG56 Side Repeater Lamp RH

- 2 Female / Gray (KUM_62Z_02F_GR)



1. B Ground (GHG04) 2. W BCM (Turn & Hazard Lamp Output)

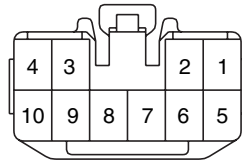
CONTROL HARNESS

Control Harness (13)

CV20-13

CHG63 ATM Shift Lever

- 10 Female / White (KET_090III_10F_W)



- | | | | |
|-------|----------------------------|-------|---------------------------|
| 1. — | — | 6. W | PCM (Select Switch) |
| 2. B | Ground (GHG04) | 7. P | PCM (Down Shift) |
| 3. | 'P' Position Switch : | 8. — | — |
| W | Smart Key Control Module | 9. B | Ground (GHG04) |
| G | BCM | 10. G | PCM (Shift Lock Solenoid) |
| 4. L | I/P Junction Box - F8 7.5A | | |
| 5. Gr | PCM (Up Shift) | | |

CHG64 Driver Front Impact Sensor

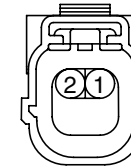
- 2 Female / Dark Gray (FCI_PAERP_02F_DG_B)



- | | | | |
|-------|---------------------------|------|--------------------------|
| 1. Br | SRS Control Module (High) | 2. W | SRS Control Module (Low) |
|-------|---------------------------|------|--------------------------|

CHG65 Passenger Front Impact Sensor

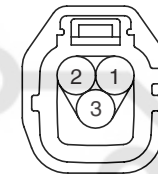
- 2 Female / Dark Gray (FCI_PAERP_02F_DG_B)



- | | | | |
|------|---------------------------|------|--------------------------|
| 1. B | SRS Control Module (High) | 2. Y | SRS Control Module (Low) |
|------|---------------------------|------|--------------------------|

CHG66 Front Washer Motor

- 3 Female / Gray (KET_090IWP_03F_GR)



- | | | | |
|-------|---|------|---|
| 1. B | Ground (GHG04) | 3. — | — |
| 2. Br | Multifunction Switch
(Front Washer Switch) | | |

CHG67 Rear Washer Motor

- 2 Female / Black (KET_090WP_02F_B_SIDE)



- | | | | |
|------|----------------|-------|--|
| 1. B | Ground (GHG04) | 2. Br | Multifunction Switch
(Rear Washer Switch) |
|------|----------------|-------|--|

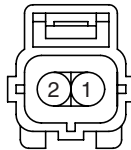
CONTROL HARNESS

Control Harness (14)

CV20-14

CHG70 Variable Intake Solenoid Valve

- 2 Female / Black (AMP_EJWP_02F_B)

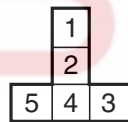


1. Gr/B EMS Box - F4 10A 2. W PCM (VIS Valve Control)

CHG90 Wiper (Rain Sensor) Relay (RLY. 13)

- 5 Female / N/A (CR05F011)

- Symbol

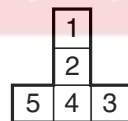


1. O E/R Fuse & Relay Box - RLY. 12 4. Gr Multifunction Switch
2. P Front Wiper Motor (Front Wiper Switch)
3. L Rain Sensor (Control) I/P Junction Box - F25 10A
5. Br

CHG91 Front Wiper (Low) Relay (RLY. 12)

- 5 Female / N/A (CR05F011)

- Symbol

**With Rain Sensor**

1. O E/R Fuse & Relay Box - RLY. 13
2. Y I/P Junction Box - F25 25A
3. O/B Rain Sensor, BCM
4. L Front Wiper Motor,
Rain Sensor
5. Y I/P Junction Box - F25 25A

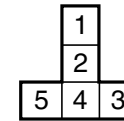
W/O Rain Sensor

1. Gr Multifunction Switch
(Front Wiper Switch)
2. Y I/P Junction Box - F25 25A
3. O/B BCM (Wiper Relay (Low) Control)
4. L Front Wiper Motor
5. Y I/P Junction Box - F25 25A

CHG92 ATM P/N Relay (RLY. 11) (With Smart Key)

- 5 Female / N/A (CR05F011)

- Symbol

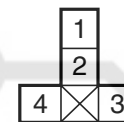


1. P I/P Junction Box - F4 10A, 3. G E/R Fuse & Relay Box - F23 7.5A
PCM (Start Overrun (PDM)) 4. —
2. P E/R Fuse & Relay Box - RLY. 4 5. W PCM (ATM P/N Relay)

CHG93 Front Wiper Deicer Relay (RLY. 10)

- 4 Female / N/A (CR04F086)

- Symbol

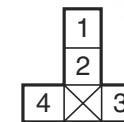


1. L E/R Fuse & Relay Box - F16 15A 3. L I/P Junction Box
2. G Front Wiper Deicer (IPS Control Module)
4. Br E/R Fuse & Relay Box - F16 15A

CHG94 Cooling Fan (High) Relay (RLY. 9)

- 4 Female / N/A (CR04F086)

- Symbol



1. L E/R Fuse & Relay Box - F9 40A 3. Gr/O PCM
2. R Cooling Fan Motor (Cooling Fan Relay High Control)
4. Gr E/R Fuse & Relay Box - RLY. 3

CONTROL HARNESS

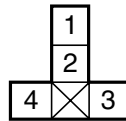
Control Harness (15)

CV20-15

CHG97 Rear Defogger Relay (RLY. 6)

- 4 Female / N/A (CR04F086)

- Symbol

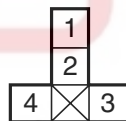


- | | | | |
|------|--|--------|--|
| 1. R | E/R Fuse & Relay Box - F10 40A | 3. G/O | I/P Junction Box |
| 2. P | I/P Junction Box - F38 7.5A,
Rear Defogger Output | 4. Br | (IPS Control Module)
E/R Fuse & Relay Box - F10 40A |

CHG98 Burglar Alarm Horn Relay (RLY. 5)

- 4 Female / N/A (CR04F086)

- Symbol

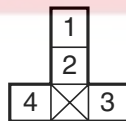


- | | | | |
|------|--------------------------------|------|---|
| 1. R | Burglar Alarm Horn | 3. W | I/P Junction Box |
| 2. P | E/R Fuse & Relay Box - F15 15A | 4. L | (IPS Control Module)
E/R Fuse & Relay Box - RLY. 5 |

CHG99 Start Relay (RLY. 4)

- 4 Female / N/A (CR04F086)

- Symbol

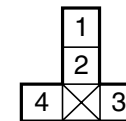


- | | | | |
|------------------|---|-----------------|--|
| [With Smart Key] | | [W/O Smart Key] | |
| 1. R | E/R Fuse & Relay Box - F13 40A | 1. R | E/R Fuse & Relay Box - F13 40A |
| 2. L | Start Solenoid | 2. L | Start Solenoid |
| 3. W | PCM (Start Overrun (GND)) | 3. W | [A/T] |
| 4. P | Smart Key Control Module,
[A/T]
E/R Fuse & Relay Box - RLY. 11
[M/T]
I/P Junction Box - F20 10A | 3. W | PCM (Start Relay Control)
[M/T]
Ground (GHG05)
[W/O B/Alarm]
I/P Junction Box - F20 10A
[With B/Alarm]
Burglar Alarm Relay |
| | | B | |
| | | 4. P | |

CHG100 Cooling Fan (Low) Relay (RLY. 3)

- 4 Female / N/A (CR04F086)

- Symbol

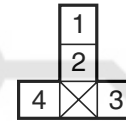


- | | | | |
|------|-------------------------------|-------|---|
| 1. L | E/R Fuse & Relay Box - F9 40A | 3. O | PCM |
| 2. W | Cooling Fan Motor | 4. Gr | (Cooling Fan Relay (Low) Control)
EMS Box - F7 15A |

CHG101 Horn Relay (RLY. 2)

- 4 Female / N/A (CR04F086)

- Symbol

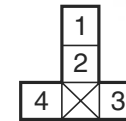


- | | | | |
|------|--------------------------------|-------|--|
| 1. G | E/R Fuse & Relay Box - F15 15A | 3. Gr | Multifunction Switch |
| 2. G | Horn | 4. G | (Horn Switch)
E/R Fuse & Relay Box - RLY. 2 |

CHG102 Blower Relay (RLY. 1)

- 4 Female / N/A (CR04F086)

- Symbol



- | | | | |
|------|--|------|----------------------------|
| 1. R | E/R Fuse & Relay Box -
F6 40A (Multi Fuse) | 3. B | Ground (GHG05) |
| 2. W | Blower Motor,
[Auto A/C]
I/P Junction Box - F37 7.5A | 4. O | I/P Junction Box - F32 10A |

CONTROL HARNESS

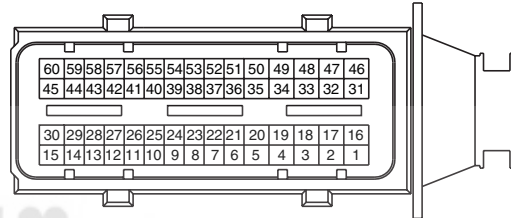
Control Harness (16)

CV20-16

D4HA : R 2.0L

CRD-A ECM

- 60 Female / Black (AMP_ECU_60F_B_R)



1. L	[With Smart Key] Injector #3 Control [W/O Smart Key] Injector #2 Control	16. R	[With Smart Key] Injector #3 Control [W/O Smart Key] Injector #2 Control	31. Br	[With Smart Key] Injector #1 Control [W/O Smart Key] Injector #4 Control	46. W	[With Smart Key] Injector #1 Control [W/O Smart Key] Injector #4 Control
2. B	[With Smart Key] Injector #2 Control [W/O Smart Key] Injector #3 Control	17. P	[With Smart Key] Injector #2 Control [W/O Smart Key] Injector #3 Control	32. Y	[With Smart Key] Injector #4 Control [W/O Smart Key] Injector #1 Control	47. G	[With Smart Key] Injector #4 Control [W/O Smart Key] Injector #1 Control
3. —	—	18. —	—	33. —	—	48. —	—
4. G	ACV (Motor (-))	19. G	ACV (Motor (+))	34. O	EGR (Motor (-))	49. G	EGR (Motor (+))
5. —	—	20. O	Electronic VGT Actuator (PWM In)	35. Y	VSA (Motor (-))	50. B	VSA (Motor (+))
6. —	—	21. —	—	36. —	—	51. Br/B	Sensor Ground : (ECTS/FTS/IATS/EGTS/ BPS/CKPS/AFS)
7. —	—	22. —	—	37. —	—	52. —	—
8. —	—	23. —	—	38. Br	CMPS (Ground)	53. B	Sensor Ground : APT/DPF/Cruise Switch
9. —	—	24. —	—	39. —	—	54. L	Ground : VSA/EGR/ACV (Feedback Ground)
10. R	Ground : VSA/EGR/ACV (Feedback Supply)	25. Gr	Sensor Supply : (DPS/RDS/BPS/CMPS)	40. O	RPS (Signal)	55. —	—
11. —	—	26. Gr	VSA (Feedback Signal)	41. G	ACV (Feedback Signal)	56. —	—
12. G	RPS (Ground)	27. G	EGR (Feedback Signal)	42. Gr	FTS (Signal)	57. Gr	PT (Signal)
13. —	—	28. —	—	43. W	ECTS (Signal)	58. —	—
14. Br	EGR Cooling Bypass Solenoid Valve	29. —	—	44. G	Camshaft Position Sensor (Signal)	59. B	Ground (GRD09)
15. —	—	30. —	—	45. O	Rail Pressure Control Valve	60. L	Fuel Pressure Regulating Valve

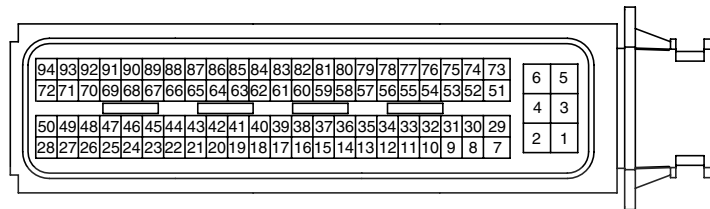
CONTROL HARNESS

Control Harness (17)

CV20-17

CRD-K ECM

- 94 Female / Black (AMP_ECU_94F_B_R)



1. B	Ground (GRD09)	26. —	—	51. —	—	76. P	MAFS (Air Temp. Signal)
2. B	Ground (GRD09)	27. Y	Diesel Box - RLY. 1	52. O	Cruise Control Switch Signal	77. L	Lambda Sensor (Current Pump)
3. R	EMS Box - F5 20A	28. —	—	53. Gr	APS. 1 (Signal)	78. Y	Lambda Sensor (Nernst Voltage)
4. B	Ground (GRD09)	29. —	—	54. P/B	APS. 2 (Signal)	79. —	—
5. W	EMS Box - F5 20A	30. —	—	55. O	Lambda Sensor (Current Adjust)	80. —	—
6. R	EMS Box - F5 20A	31. —	—	56. B	Lambda Sensor (Virtual Ground)	81. —	—
7. —	—	32. —	—	57. —	—	82. L	[With IMMO.]
8. W	APS. 2 (Ground)	33. —	—	58. —	—		Immobilizer Ground
9. L	EGTS (Signal)	34. Br	DPS (Signal)	59. —	—		[With Smart Key]
10. —	—	35. —	—	60. W	Smart Key Control Module		Smart Key Control Module
11. Y	BPS (Signal)	36. —	—		(Engine Speed Signal)	83. Y	[M/T] Neutral Switch
12. —	—	37. —	—	61. O	Glow Plug Output Signal	84. —	—
13. Br	APS. 1 (Supply)	38. B	IMMO. Ground	62. —	—	85. —	—
14. G	Cruise Control Switch Supply	39. —	—	63. —	—	86. W	Battery Sensor (LIN)
15. R	APS. 2 (Supply)	40. W	CKPS (Signal)	64. —	—	87. G	E/R Fuse & Relay Box - F23 7.5A
16. —	—	41. Br	Vehicle Speed Signal	65. B	Automatic Recognition - 2WD/4WD	88. P	Water In Fuel Sensor
17. L/B	APT (Supply)	42. —	—		(Ground (GF06))	89. —	—
18. L	MAFS (Signal)	43. B	DPF Auto Detection Ground (GRD05)	66. —	—	90. Gr/O	E/R Fuse & Relay Box - RLY. 9
19. G	Glow Time Feedback Signal	44. W	[M/T] Clutch Switch	67. O	C-CAN (Low)	91. —	—
20. B	Automatic Recognition A/T & M/T	45. G/B	Stop Lamp Switch	68. G	C-CAN (High)	92. —	—
	Ground (GRD05)		(Brake Main Switch Signal)	69. G	—	93. —	—
21. L/B	Stop Lamp Switch	46. —	—	70. O	E/R Fuse & Relay Box - RLY. 3	94. —	—
	(Redundant Brake Switch Signal)	47. Br/O	IMMO. IND.	71. G	EMS Box - RLY. 2		
22. G	Electric VGT Actuator (Feedback)	48. —	—	72. —	—		
23. Br	MAFS (Reference Frequency)	49. Br	EMS Box - RLY. 3	73. G	Lambda Sensor (Sensor Heater)		
24. —	—	50. Y/B	Instrument Cluster	74. L/B	APS. 1 (Ground)		
25. —	—		(Engine Check IND.)vv	75. P	ATS (Signal)		

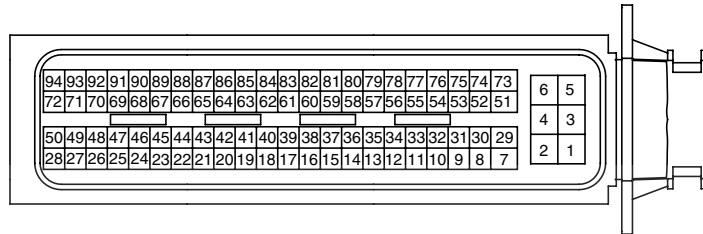
CONTROL HARNESS

Control Harness (18)

CV20-18

CRD-T TCM (LHD)

- 94 Female / Black (AMP_ECU_94F_B_R)



1. N/A	EMS Box - F2 15A	23. N/A	Transaxle Range Switch (Position Switch Code (S1))	46. N/A	ATM Solenoid Valve (LINE_VFS)	71. —	—
2. N/A	EMS Box - F2 15A	24. —	—	47. N/A	ATM Solenoid Valve (UD_VFS)	72. —	—
3. N/A	E/R Fuse & Relay Box - F25 7.5A	25. —	—	48. —	—	73. N/A	ATM Solenoid Valve (Solenoid Power 2)
4. N/A	Ground (GRD08)	26. —	—	49. —	—	74. —	—
5. N/A	Ground (GRD08)	27. —	—	50. N/A	ATM Solenoid Valve (26B_VFS)	75. —	—
6. —	—	28. —	—	51. —	—	76. —	—
7. N/A	[With Smart Key] E/R Fuse & Relay Box - RLY. 11 [W/O Smart Key] E/R Fuse & Relay Box - RLY. 4	29. N/A	ATM Solenoid Valve (Solenoid Power 1)	52. N/A	ATM Solenoid Valve (SS-A)	77. —	—
8. N/A	ATM Solenoid Valve (SS-B)	30. N/A	ATM Solenoid Valve (Output Speed Supply)	53. —	—	78. —	—
9. N/A	ATM Shift Lever (Shift Lock Solenoid)	31. N/A	ATM Solenoid Valve (Input Speed Supply)	54. —	—	79. —	—
10. —	—	32. —	—	55. N/A	ATM Solenoid Valve (Input Speed Signal)	80. —	—
11. —	—	33. —	—	56. N/A	ATM Solenoid Valve (Output Speed Signal)	81. —	—
12. —	—	34. —	—	57. —	—	82. —	—
13. N/A	Transaxle Range Switch (Position Switch Code (S2))	35. —	—	58. —	—	83. —	—
14. N/A	ATM Solenoid Valve (Oil Temp. Sensor (+))	36. —	—	59. —	—	84. —	—
15. N/A	ATM Solenoid Valve (Oil Temp. Sensor (-))	37. —	—	60. —	—	85. —	—
16. N/A	ATM Shift Lever (Up Shift)	38. —	—	61. N/A	ATM Shift Lever (Select Switch)	86. —	—
17. N/A	ATM Shift Lever (Down Shift)	39. —	—	62. —	—	87. —	—
18. —	—	40. —	—	63. —	—	88. —	—
19. —	—	41. —	—	64. —	—	89. —	—
20. —	—	42. —	—	65. —	—	90. —	—
21. N/A	Transaxle Range Switch (Position Switch Code (S3))	43. N/A	ATM Solenoid Valve (T/CON_VFS)	66. —	—	91. —	—
22. N/A	Transaxle Range Switch (Position Switch Code (S4))	44. N/A	ATM Solenoid Valve (OD_VFS)	67. —	—	92. —	—
		45. N/A	ATM Solenoid Valve (35R_VFS)	68. —	—	93. —	—
				69. —	—	94. —	—
				70. —	—		

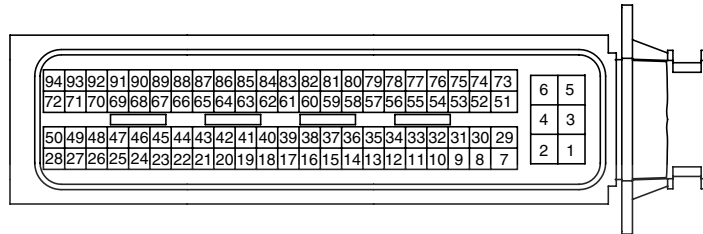
CONTROL HARNESS

Control Harness (19)

CV20-19

CRD-TR TCM (RHD)

- 94 Female / Black (AMP_ECU_94F_B_R)



1. G	EMS Box - F2 15A	23. Gr	Transaxle Range Switch (Position Switch Code (S1))	46. P	ATM Solenoid Valve (LINE_VFS)	71. —	—
2. R	EMS Box - F2 15A	24. —	—	47. Y	ATM Solenoid Valve (UD_VFS)	72. —	—
3. G	E/R Fuse & Relay Box - F25 7.5A	25. —	—	48. —	—	73. L	ATM Solenoid Valve (Solenoid Power 2)
4. B	Ground (GRD08)	26. —	—	49. —	—	74. —	—
5. B	Ground (GRD08)	27. —	—	50. Y	ATM Solenoid Valve (26B_VFS)	75. —	—
6. —	—	28. —	—	51. —	—	76. —	—
7. W	[With Smart Key] E/R Fuse & Relay Box - RLY. 11 [W/O Smart Key]	29. R	ATM Solenoid Valve (Solenoid Power 1)	52. G	ATM Solenoid Valve (SS-A)	77. —	—
8. L	ATM Solenoid Valve (SS-B)	30. G	ATM Solenoid Valve (Output Speed Supply)	53. —	—	78. —	—
9. G	ATM Shift Lever (Shift Lock Solenoid)	31. B	ATM Solenoid Valve (Input Speed Supply)	54. —	—	79. —	—
10. —	—	32. —	—	55. W	ATM Solenoid Valve (Input Speed Signal)	80. —	—
11. —	—	33. —	—	56. B	ATM Solenoid Valve (Output Speed Signal)	81. —	—
12. —	—	34. —	—	57. —	—	82. —	—
13. O	Transaxle Range Switch (Position Switch Code (S2))	35. —	—	58. —	—	83. —	—
14. B	ATM Solenoid Valve (Oil Temp. Sensor (+))	36. —	—	59. —	—	84. —	—
15. Y	ATM Solenoid Valve (Oil Temp. Sensor (-))	37. —	—	60. —	—	85. —	—
16. Gr	ATM Shift Lever (Up Shift)	38. —	—	61. W	ATM Shift Lever (Select Switch)	86. —	—
17. P	ATM Shift Lever (Down Shift)	39. —	—	62. —	—	87. —	—
18. —	—	40. —	—	63. —	—	88. —	—
19. —	—	41. —	—	64. —	—	89. —	—
20. —	—	42. —	—	65. —	—	90. —	—
21. P	Transaxle Range Switch (Position Switch Code (S3))	43. P	ATM Solenoid Valve (T/CON_VFS)	66. —	—	91. —	—
22. G	Transaxle Range Switch (Position Switch Code (S4))	44. Y	ATM Solenoid Valve (OD_VFS)	67. —	—	92. —	—
		45. G	ATM Solenoid Valve (35R_VFS)	68. —	—	93. —	—
				69. —	—	94. —	—
				70. —	—		

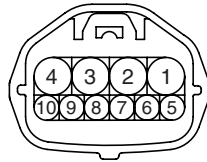
CONTROL HARNESS

Control Harness (20)

CV20-20

CRD01 Transaxle Range Switch

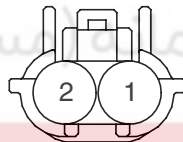
- 10 Female / Black (KET_0509WP_10F_B)



1. —	—	6. —	—
2. O	TCM (Position Switch Code (S2))	7. —	—
3. —	—	8. P	TCM (Position Switch Code (S3))
4. G	E/R Fuse & Relay Box - F25 7.5A	9. G	TCM (Position Switch Code (S4))
5. —	—	10. Gr	TCM (Position Switch Code (S1))

CRD02 Ambient Sensor

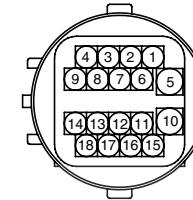
- 2 Female / Black (KET_SWP_02F_B)



1. L/B	A/C Control Module (Sensor (+))	2. Gr	A/C Control Module (Sensor Ground)
--------	---------------------------------	-------	------------------------------------

CRD04 ATM Solenoid Valve

- 18 Female / Black (FCI_MULWP_18F_B_1)



1. —	—	10. L	TCM (Solenoid Power 2)
2. P	TCM (EC_VFS)	11. Y	TCM (26B_VFS)
3. G	TCM (Output Speed Supply)	12. L	TCM (SS-B)
4. B	TCM (Output Speed Signal)	13. Y	TCM (Oil Temp. Sensor (-))
5. R	TCM (Solenoid Power 1)	14. B	TCM (Input Speed Supply)
6. G	TCM (35R_VFS)	15. —	—
7. Y	TCM (OD_VFS)	16. L	TCM (UD_VFS)
8. W	TCM (Input Speed Signal)	17. P	TCM (LINE_VFS)
9. B	TCM (Oil Temp. Sensor (+))	18. G	TCM (SS-A)

CRD05 Oil Level Sensor

- 4 Female / Black (KUM_NMWP_04F_B)



1. Gr	EMS Box - F4 10A	3. W	ECM (LIN)
2. B	Ground (GRD01)	4. Y/B	Instrument Cluster (Oil Pressure IND.)

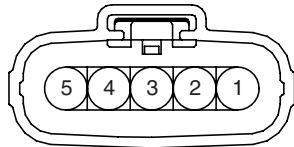
CONTROL HARNESS

Control Harness (21)

CV20-21

CRD07 Front Wiper Motor

- 5 Female / Black (KUM_NDWP_05F_B)



- | | | | |
|------|--------------------------------|------|--------------------------------|
| 1. B | Ground (GRD02) | 4. G | Front Wiper Switch (LO) |
| 2. L | E/R Fuse & Relay Box - RLY. 12 | 5. P | Front Wiper Switch (HI) |
| 3. Y | I/P Junction Box - F25 25A | | [With Rain Sensor] |
| | | | E/R Fuse & Relay Box - RLY. 13 |

CRD08 Ignition Lock Switch (M/T)

- 2 Female / White (KET_090III_02F_W_L)

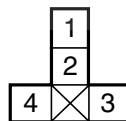


- | | | | |
|------|----------------|------|-------------------------------|
| 1. B | Ground (GRD02) | 2. W | [With Smart Key] |
| | | | Smart Key Control Module |
| | | | [W/O Smart Key] |
| | | | E/R Fuse & Relay Box - RLY. 4 |

CRD09 Fuel Filter Heater Relay (Diesel Box - RLY. 4)

- 4 Female / N/A (CR04F086)

- Symbol

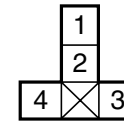


- | | | | |
|------|---------------------|-------|---------------------------------|
| 1. R | Diesel Box - F4 30A | 3. G | Thermo Switch |
| 2. W | Fuel Filter Heater | 4. Gr | E/R Fuse & Relay Box - F24 7.5A |

CRD10-1 PTC Heater Relay #1 (Diesel Box - RLY. 1)

- 4 Female / N/A (CR04F086)

- Symbol

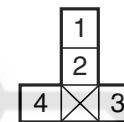


- | | | | |
|------|---------------------|------|-------------------------|
| 1. R | Diesel Box - F1 50A | 3. Y | A/C Control Module, ECM |
| 2. R | PTC Heater | 4. O | EMS Box - F4 10A |

CRD10-2 PTC Heater Relay #2 (Diesel Box - RLY. 2)

- 4 Female / N/A (CR04F086)

- Symbol

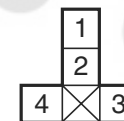


- | | | | |
|------|---------------------|--------|---------------------|
| 1. R | Diesel Box - F2 50A | 3. L/O | A/C Control Module |
| 2. W | PTC Heater | 4. L | Diesel Box - RLY. 3 |

CRD10-3 PTC Heater Relay #3 (Diesel Box - RLY. 3)

- 4 Female / N/A (CR04F086)

- Symbol



- | | | | |
|------|---------------------|------|--|
| 1. W | Diesel Box - F3 50A | 3. G | A/C Control Module |
| 2. W | PTC Heater | 4. O | I/P Junction Box - F32 10A,
Diesel Box - RLY. 2 |

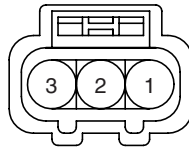
CONTROL HARNESS

Control Harness (22)

CV20-22

CRD11 Engine Coolant Temperature Sensor

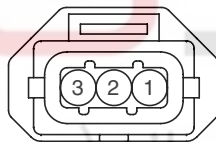
- 3 Female / Black (KUM_62Z_03F_B_WTS)



- | | | | |
|------|---------------------|---------|---------------------|
| 1. W | ECM (Sensor Signal) | 3. Br/B | ECM (Sensor Ground) |
| 2. - | - | | |

CRD13 Camshaft Position Sensor

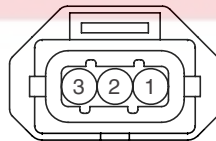
- 3 Female / Black (AMP_JPT_03F_B_L1)



- | | | | |
|-------|---------------------|-------|---------------------|
| 1. Gr | ECM (Sensor Supply) | 3. Br | ECM (Sensor Ground) |
| 2. G | ECM (Sensor Signal) | | |

CRD14 Crankshaft Position Sensor

- 3 Female / Black (AMP_JPT_03F_B_L1)



- | | | | |
|---------|---------------------|------|------------------|
| 1. Br/B | ECM (Sensor Ground) | 3. O | EMS Box - F8 10A |
| 2. W | ECM (Sensor Signal) | | |

CRD15 Oil Pressure Switch

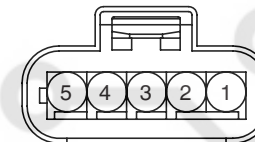
- 1 Female / Black (KUM_NMWP_01F_B)



- | | |
|--------|-------------------|
| 1. Y/B | Oil Pressure IND. |
|--------|-------------------|

CRD20 Mass Air Flow Sensor

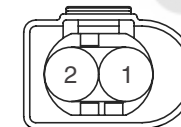
- 5 Female / Black (HSM_SENSOR_05F_B_3)



- | | | | |
|-------|---------------------------|---------|---------------------------------|
| 1. L | ECM (Sensor Signal) | 4. Br/B | ECM (Sensor Ground) |
| 2. Br | ECM (Reference Frequency) | 5. G | E/R Fuse & Relay Box - F23 7.5A |
| 3. Gr | ECM (Air Temp. Signal) | | |

CRD24-1 Injector #1

- 2 Female / Black (AMP_INJ_02F_B)



[With IMMO. / Smart Key]

- | | |
|-------|------------------------|
| 1. W | ECM (Injector Control) |
| 2. Br | ECM (Injector Control) |

[W/O IMMO. / Smart Key]

- | | |
|------|------------------------|
| 1. G | ECM (Injector Control) |
| 2. Y | ECM (Injector Control) |

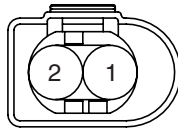
CONTROL HARNESS

Control Harness (23)

CV20-23

CRD24-2 Injector #2

- 2 Female / Black (KUM_NDWP_02F_B)



[With IMMO. / Smart Key]

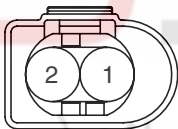
1. B ECM (Injector Control)
2. P ECM (Injector Control)

[W/O IMMO. / Smart Key]

1. L ECM (Injector Control)
2. R ECM (Injector Control)

CRD24-3 Injector #3

- 2 Female / Black (KUM_NDWP_02F_B)



[With IMMO. / Smart Key]

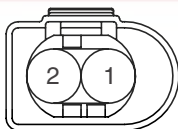
1. L ECM (Injector Control)
2. R ECM (Injector Control)

[W/O IMMO. / Smart Key]

1. B ECM (Injector Control)
2. P ECM (Injector Control)

CRD24-4 Injector #4

- 2 Female / Black (KUM_NDWP_02F_B)



[With IMMO. / Smart Key]

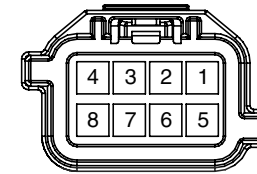
1. G ECM (Injector Control)
2. Y ECM (Injector Control)

[W/O IMMO. / Smart Key]

1. W ECM (Injector Control)
2. Br ECM (Injector Control)

CRD26 Head Lamp LH

- 8 Female / Black (KUM_XWP_08F_B)

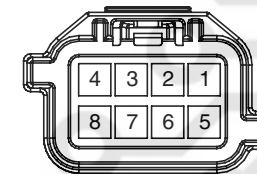


1. Y BCM (Turn Lamp)
2. O I/P Junction Box - IPS 5
(Head Lamp High)
3. Gr I/P Junction Box - IPS 4
(Head Lamp Low)
4. B Ground (GRD05)

5. G I/P Junction Box - IPS 7
(Tail Lamp)
6. B Ground (GRD05)
7. P I/P Junction Box - IPS 9
(DRL Lamp High)
8. B Ground (GRD05)

CRD27 Head Lamp RH

- 8 Female / Black (KUM_XWP_08F_B)

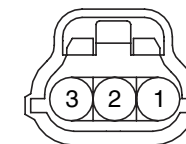


1. W BCM (Turn Lamp)
2. O I/P Junction Box - IPS 1
(Head Lamp High)
3. Gr I/P Junction Box - IPS 0
(Head Lamp Low)
4. B Ground (GRD04)

5. Y I/P Junction Box - IPS 2
(Tail Lamp)
6. B Ground (GRD04)
7. — I/P Junction Box - IPS 8
(DRL Lamp High)
8. B Ground (GRD04)

CRD29 A/C Pressure Transducer

- 3 Female / White (KET_040WP_03F_B)



1. B ECM (Ground)
2. Gr ECM (Signal)

3. W/B ECM (Supply)

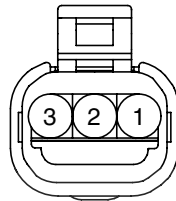
CONTROL HARNESS

Control Harness (24)

CV20-24

CRD30 Head Lamp Leveling Device Actuator LH

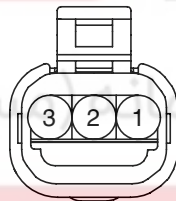
- 3 Female / Black (AMP_025WP_03F_B)



1. B Ground (GRD02) 3. Y I/P Junction Box - F21 10A
2. L HLLD Switch

CRD31 Head Lamp Leveling Device Actuator RH

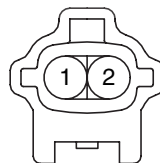
- 3 Female / Black (AMP_025WP_03F_B)



1. B Ground (GM02) 3. Y I/P Junction Box - F21 10A
2. L HLLD Switch

CRD34 Front Wheel Sensor RH

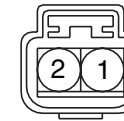
- 2 Male / Black (KET_090IWP_02M_B)



1. L ABS/ESP Control Module (SIG) 2. R ABS/ESP Control Module (VCC)

CRD35 Front Wiper Deicer

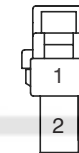
- 2 Female / Black (KUM_NMWP_02F_B)



1. G E/R Fuse & Relay Box - RLY. 10 2. B Ground (GRD05)

CRD36 Clutch Switch (M/T)

- 2 Female / White (KET_250DL_02F_W)



1. B Ground (GRD04) 2. W ECM
[With ESP] ESP Control Module

CRD37 Back-Up Lamp Switch (M/T)

- 2 Female / Black (AMP_EJWP_02F_B)



1. B Ground (GRD01) 2. W I/P Junction Box
(IPS Control Module)

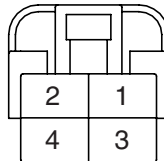
CONTROL HARNESS

Control Harness (25)

CV20-25

CRD39 Stop Lamp Switch

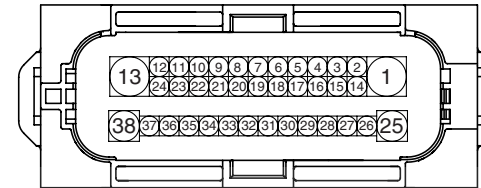
- 4 Female / White (KET_250DL_04F_W)



- | | | | |
|--------|---|------|---|
| 1. G/B | ABS/ESP Control Module,
Smart Key Control Module,
ECM | 3. W | [G4KD/G4KE]
I/P Junction Box - F21 10A
[D4HA] |
| 2. L | E/R Fuse & Relay Box - F17 10A,
Smart Key Control Module | 4. L | EMS Box - F9 10A
ECM
[With ESP] |
| | | L/B | ESP Control Module |

CRD40 ESP Control Module

- 38 Female / Black (AMP_ABS_38F_B_A)



- | | | | |
|--------|--|---------|---|
| 1. W | E/R Fuse & Relay Box - F5 40A
(Multi Fuse) | 20. B | Rear Wheel Sensor RH (SIG) |
| 2. — | — | 21. L | Front Wheel Sensor RH (SIG) |
| 3. — | — | 22. R | I/P Junction Box
(IPS Control Module),
Parking Brake Switch |
| 4. R | Yaw Rate Sensor (Power) | 23. G/B | Stop Lamp Switch
(Brake Light Switch) |
| 5. — | — | 24. B | Yaw Rate Sensor (CAN Low) |
| 6. — | — | 25. L | E/R Fuse & Relay Box - F3 40A
(Multi Fuse) |
| 7. — | — | 26. G | C-CAN (High) |
| 8. W | ICM Relay Box (DBC Relay Control) | 27. — | — |
| 9. L/B | Stop Lamp Switch (Brake Switch) | 28. — | — |
| 10. R | Multi Switch (ESP Off Switch 'ON') | 29. Gr | E/R Fuse & Relay Box - F24 7.5A |
| 11. L | Yaw Rate Sensor (Ground) | 30. — | — |
| 12. Y | Yaw Rate Sensor (CAN High) | 31. G | Front Wheel Sensor LH (SIG) |
| 13. B | Ground (GRD06) | 32. L | Rear Wheel Sensor LH (SIG) |
| 14. R | C-CAN (Low) | 33. W | Rear Wheel Sensor RH (VCC) |
| 15. — | — | 34. R | Front Wheel Sensor RH (VCC) |
| 16. — | — | 35. W | [M/T] Clutch Switch |
| 17. P | Smart Key Control Module
(Wheel Speed Sensor Output RR) | 36. G/B | ICM Relay Box
(DBC Relay 'ON' Signal) |
| 18. L | Front Wheel Sensor LH (VCC) | 37. P | Multi Switch (DBC Switch 'ON') |
| 19. R | Rear Wheel Sensor LH (VCC) | 38. B | Ground (GRD06) |

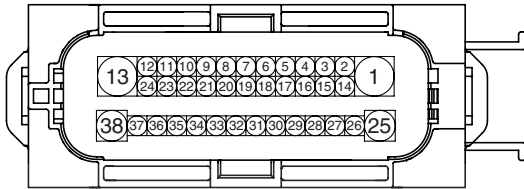
CONTROL HARNESS

Control Harness (26)

CV20-26

CRD41 ABS Control Module

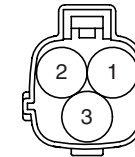
- 38 Female / Black (AMP_ABS_38F_B_A)



1. W	E/R Fuse & Relay Box - F5 40A (Multi Fuse)	20. B	Rear Wheel Sensor RH (SIG)
2. Gr	G-Sensor (Power)	21. L	Front Wheel Sensor RH (SIG)
3. R	G-Sensor (Signal)	22. —	—
4. —	—	23. G/B	Stop Lamp Switch (Brake Switch)
5. B	G-Sensor (Ground)	24. —	—
6. —	—	25. L	E/R Fuse & Relay Box - F3 40A (Multi Fuse)
7. —	—	26. G	C-CAN High
8. —	—	27. —	—
9. —	—	28. —	—
10. —	—	29. Gr	E/R Fuse & Relay Box - F24 7.5A
11. —	—	30. —	—
12. —	—	31. G	Front Wheel Sensor LH (SIG)
13. B	Ground (GRD06)	32. L	Rear Wheel Sensor LH (SIG)
14. O	C-CAN Low	33. W	Rear Wheel Sensor RH (VCC)
15. —	—	34. R	Front Wheel Sensor RH (VCC)
16. —	—	35. —	—
17. P	Smart Key Control Module (Wheel Speed Sensor Output RR)	36. —	—
18. L	Front Wheel Sensor LH (VCC)	37. —	—
19. R	Rear Wheel Sensor LH (VCC)	38. B	Ground (GRD06)

CRD42 Cooling Fan Motor

- 3 Female / Black (KET_312IWP_03F_B)



1. R	E/R Fuse & Relay Box - RLY. 3	3. B	Ground (GRD05)
2. R	E/R Fuse & Relay Box - RLY. 9		

CRD43 G-Sensor

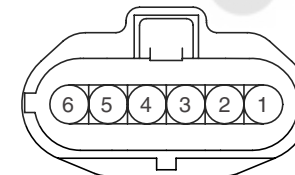
- 3 Female / Gray (KET_SSD_03F_GR_B)



1. R	ABS Control Module (PWR)	3. B	ABS Control Module (GND)
2. R	ABS Control Module (SIG)		

CRD44 Accel Pedal Position Sensor

- 6 Female / Black (AMP_070WP_06F_B)



1. Br	ECM (APS 2 Supply)	4. Br	ECM (APS 1 Supply)
2. Gr	ECM (APS 1 Signal)	5. L/B	ECM (APS 1 Ground)
3. P/B	ECM (APS 2 Signal)	6. W	ECM (APS 2 Ground)

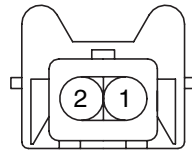
CONTROL HARNESS

Control Harness (27)

CV20-27

CRD45 Brake Fluid Level Sensor

- 2 Female / Black (AMP_JPT_02F_B_CLIP)



- | | | | |
|------|----------------|------|--|
| 1. B | Ground (GRD04) | 2. B | IPS Control Module - Brake Fluid Level |
|------|----------------|------|--|

CRD46 Burglar Alarm Horn

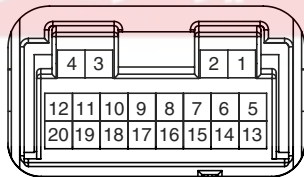
- 2 Female / Black (MLX_HORN_02F_B_FILT)



- | | | | |
|------|-------------------------------|------|----------------|
| 1. R | E/R Fuse & Relay Box - RLY. 5 | 2. B | Ground (GRD04) |
|------|-------------------------------|------|----------------|

CRD47 Multipurpose Check Connector

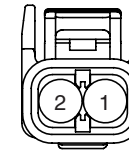
- 20 Female / Black (LM_DIAGNOSIS_20F_B)



- | | | | |
|-------|----------------|-------|---------------------------|
| 1. B | Ground (GRD05) | 11. — | — |
| 2. — | — | 12. G | I/P Junction Box - F5 10A |
| 3. — | — | 13. — | — |
| 4. — | — | 14. — | — |
| 5. B | Ground (GRD02) | 15. — | — |
| 6. — | — | 16. — | — |
| 7. — | — | 17. O | C-CAN (Low) |
| 8. — | — | 18. — | — |
| 9. G | C-CAN (High) | 19. W | Body K-Line |
| 10. — | — | 20. — | — |

CRD49 Hood Switch

- 2 Female / Black (KET_090IWP_02F_B_ASM)



- | | | | |
|--------|---------------------------------------|------|----------------|
| 1. R/B | I/P Junction Box (IPS Control Module) | 2. B | Ground (GRD04) |
|--------|---------------------------------------|------|----------------|

CRD50 Horn

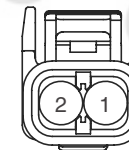
- 2 Female / Gray (KUM_NDWP_02F_GR)



- | | | | |
|------|-------------------------------|------|----------------|
| 1. G | E/R Fuse & Relay Box - RLY. 2 | 2. B | Ground (GRD04) |
|------|-------------------------------|------|----------------|

CRD51 External Buzzer

- 2 Female / Black (KET_090IWP_02F_B_ASM)



- | | | | |
|------|----------------|------|--------------------------|
| 1. B | Ground (GRD01) | 2. P | Smart Key Control Module |
|------|----------------|------|--------------------------|

CRD52 Front Fog Lamp LH

- 2 Female / Black (KET_110WP_02F_B_A)



- | | | | |
|------|--------------------------|------|----------------|
| 1. L | I/P Junction Box (IPS 6) | 2. B | Ground (GRD05) |
|------|--------------------------|------|----------------|

CONTROL HARNESS

Control Harness (28)

CV20-28

CRD53 Front Fog Lamp RH

- 2 Female / Black (KET_110WP_02F_B_A)



1. L I/P Junction Box (IPS 6) 2. B Ground (GRD04)

CRD54 Front Wheel Sensor LH

- 2 Male / Black (KET_090IWP_02M_B)



1. G ABS/ESP Control Module (SIG) 2. L ABS/ESP Control Module (VCC)

CRD55 Side Repeater Lamp LH

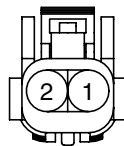
- 2 Female / Gray (KUM_62Z_02F_GR)



1. B Ground (GRD01) 2. Y BCM (Turn & Hazard Lamp Output)

CRD56 Side Repeater Lamp RH

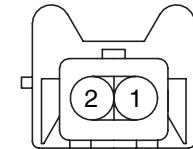
- 2 Female / Gray (KUM_62Z_02F_GR)



1. B Ground (GRD04) 2. W BCM (Turn & Hazard Lamp Output)

CRD57 Intake Temperature Sensor

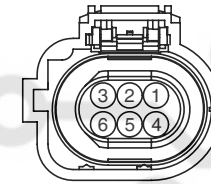
- 2 Female / Black (AMP_JPT_02F_B_CLIP)



1. Br/B ECM (Sensor Ground) 2. P ECM (Sensor Signal)

CRD58 Air Control Valve

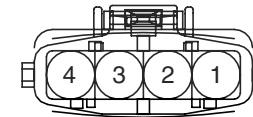
- 6 Female / Brown (AMP_MTIWP_06F_Br_1)



1. G ECM (Motor (+)) 4. G ECM (F/B Signal)
2. — — 5. L ECM (F/B Ground)
3. O ECM (Motor (-)) 6. R ECM (F/B Supply)

CRD59 Boost Pressure Sensor

- 4 Female / Black (AMP_JPT_04F_B_BOSCH)



1. Y ECM (Sensor Signal) 3. — —
2. Gr ECM (Sensor Supply) 4. Br/B ECM (Sensor Ground)

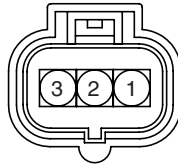
CONTROL HARNESS

Control Harness (29)

CV20-29

CRD60 Differential Pressure Sensor

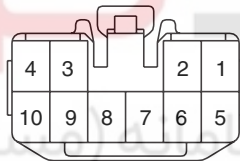
- 3 Female / Black (SUM_090IWP_03F_B)



- | | | | |
|-------|---------------------|------|---------------------|
| 1. Gr | ECM (Sensor Supply) | 3. B | ECM (Sensor Ground) |
| 2. P | ECM (Sensor Signal) | | |

CRD63 ATM Shift Lever

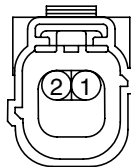
- 10 Female / White (KET_090III_10F_W)



- | | | | |
|-------|----------------------------|-------|---------------------------|
| 1. — | — | 6. W | TCM (Select Switch) |
| 2. B | Ground (GRD04) | 7. P | TCM (Down Shift) |
| 3. — | "P" Position Switch : | 8. — | — |
| W | Smart Key Control Module | 9. B | Ground (GRD04) |
| G | BCM | 10. G | TCM (Shift Lock Solenoid) |
| 4. L | I/P Junction Box - F8 7.5A | | |
| 5. Gr | TCM (Up Shift) | | |

CRD64 Driver Front Impact Sensor

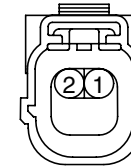
- 2 Female / Dark Gray (FCI_PAEWP_02F_DG_B)



- | | | | |
|-------|---------------------------|------|--------------------------|
| 1. Br | SRS Control Module (High) | 2. W | SRS Control Module (Low) |
|-------|---------------------------|------|--------------------------|

CRD65 Passenger Front Impact Sensor

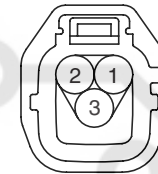
- 2 Female / Dark Gray (FCI_PAEWP_02F_DG_B)



- | | | | |
|------|---------------------------|------|--------------------------|
| 1. B | SRS Control Module (High) | 2. Y | SRS Control Module (Low) |
|------|---------------------------|------|--------------------------|

CRD66 Front Washer Motor

- 3 Female / Gray (KET_090IWP_03F_GR)



- | | | | |
|-------|---|------|---|
| 1. B | Ground (CRD04) | 3. — | — |
| 2. Br | Multifunction Switch
(Front Washer Switch) | | |

CRD67 Rear Washer Motor

- 2 Female / Black (KET_090WP_02F_B_SIDE)



- | | | | |
|------|----------------|------|--|
| 1. B | Ground (GRD04) | 2. L | Multifunction Switch
(Rear Washer Switch) |
|------|----------------|------|--|

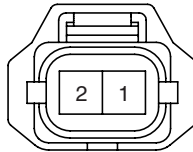
CONTROL HARNESS

Control Harness (30)

CV20-30

CRD68 Fuel Pressure Regulator Valve

- 2 Female / Black (AMP_2.8WP_02F_B)



- | | | | |
|------|-----------------------------|------|------------------|
| 1. L | ECM (Fuel Pressure Control) | 2. G | EMS Box - F7 10A |
|------|-----------------------------|------|------------------|

CRD69 Glow Relay Unit (M/T & Euro V)

- 8 Female / Black (FCI_DSCWP_08F_B_A)



- | | | | |
|------|---------------------------------|------|---------------------|
| 1. G | ECM (Glow Time F/B Signal) | 5. B | Ground (GRD01) |
| 2. R | Glow Plug | 6. — | — |
| 3. O | ECM (Glow Plug Output Signal) | 7. R | Diesel Box - F5 80A |
| 4. L | E/R Fuse & Relay Box - F24 7.5A | 8. — | — |

CRD70 Glow Relay Unit (A/T or M/T & W/O Euro V)

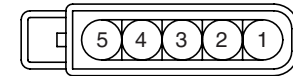
- 8 Female / Black (FCI_DSCWP_08F_B_D)



- | | | | |
|------|---------------------------------|------|---------------------|
| 1. G | ECM (Glow Time F/B Signal) | 5. B | Ground (GRD01) |
| 2. R | Glow Plug | 6. — | — |
| 3. O | ECM (Glow Plug Output Signal) | 7. R | Diesel Box - F5 80A |
| 4. L | E/R Fuse & Relay Box - F24 7.5A | 8. — | — |

CRD74 PTC Heater

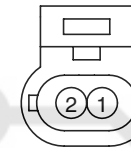
- 5 Female / Black (AMP_PTC_05F_B)



- | | | | |
|------|---------------------|------|---------------------|
| 1. W | Diesel Box - RLY. 2 | 4. B | Ground (GRD07) |
| 2. B | Ground (GRD07) | 5. W | Diesel Box - RLY. 3 |
| 3. R | Diesel Box - RLY. 1 | | |

CRD75 Fuel Filter Heater

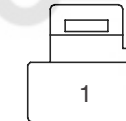
- 2 Female / Black (PKD_280WP_02F_B_1)



- | | | | |
|------|----------------|---------|---------------------|
| 1. B | Ground (GRD01) | 2. Br/B | Diesel Box - RLY. 4 |
|------|----------------|---------|---------------------|

CRD76 Glow Plug

- 1 Female / Black (KET_375WP_01F_B)



- | | |
|------|-----------------|
| 1. R | Glow Relay Unit |
|------|-----------------|

CRD77 Exhaust Gas Temperature Sensor

- 2 Female / Black (KUM_NMWP_02F_B)



- | | | | |
|------|---------------------|---------|---------------------|
| 1. L | ECM (Sensor Signal) | 2. Br/B | ECM (Sensor Ground) |
|------|---------------------|---------|---------------------|

CONTROL HARNESS

Control Harness (31)

CV20-31

CRD78 Fuel Filter Warning Sensor

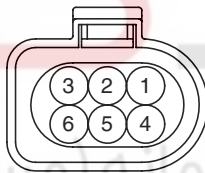
- 3 Female / Black (AMP_090_03F_B_WP)



- | | | | |
|------|---------------------------------|------|----------------|
| 1. G | E/R Fuse & Relay Box - F24 7.5A | 3. B | Ground (GRD01) |
| 2. P | Instrument Cluster, ECM | | |

CRD79 Lambda Sensor

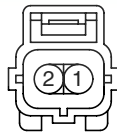
- 6 Female / Black (BSH_SENSOR_06F_B_NF)



- | | | | |
|------|----------------------|------|----------------------|
| 1. Y | ECM (Nernst Voltage) | 4. O | ECM (Current Adjust) |
| 2. P | EMS Box - F8 10A | 5. G | ECM (Sensor Heater) |
| 3. B | ECM (Virtual Ground) | 6. L | ECM (Current Pump) |

CRD80 Neutral Switch (M/T)

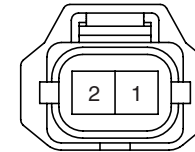
- 2 Female / Gray (AMP_EJWP_02F_GR)



- | | | | |
|------|-----|------|----------------|
| 1. Y | ECM | 2. B | Ground (GRD01) |
|------|-----|------|----------------|

CRD81 Rail Pressure Regulator Valve

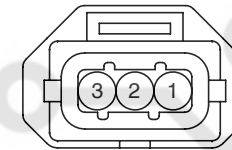
- 2 Female / Black (AMP_2.8WP_02F_B)



- | | | | |
|------|-----|------|------------------|
| 1. O | ECM | 2. G | EMS Box - F7 15A |
|------|-----|------|------------------|

CRD82 Rail Pressure Sensor

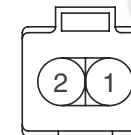
- 3 Female / Black (AMP_2.8WP_03F_B)



- | | | | |
|-------|---------------------|------|---------------------|
| 1. Gr | ECM (Sensor Supply) | 3. G | ECM (Sensor Ground) |
| 2. O | ECM (Sensor Signal) | | |

CRD83 Thermo Switch

- 2 Female / Black (AMP_090WP_02F_B)



- | | | | |
|------|----------------|------|---------------------|
| 1. B | Ground (GRD01) | 2. G | Diesel BOx - RLY. 4 |
|------|----------------|------|---------------------|

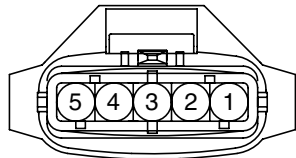
CONTROL HARNESS

Control Harness (32)

CV20-32

CRD84 Variable Swirl Control Actuator

- 5 Female / Black (AMP_JPT_05F_B_SFT)



- | | | | |
|------|-------------------------|-------|-------------------------|
| 1. B | ECM (Motor (+)) | 4. Gr | ECM (F/B Sensor Signal) |
| 2. Y | ECM (Motor (-)) | 5. L | ECM (F/B Sensor Ground) |
| 3. R | ECM (F/B Sensor Supply) | | |

CRD85 Fuel Temperature Sensor

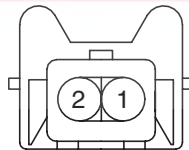
- 2 Female / Black (KET_SSD_02F_B)



- | | | | |
|------|---------------------|---------|---------------------|
| 1. L | ECM (Sensor Signal) | 2. Br/B | ECM (Sensor Ground) |
|------|---------------------|---------|---------------------|

CRD86 EGR Cooling Bypass Solenoid Valve

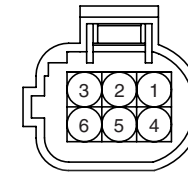
- 2 Female / Black (AMP_JPT_02F_B_CLIP)



- | | | | |
|-------|-----|------|------------------|
| 1. Br | ECM | 2. L | EMS Box - F4 10A |
|-------|-----|------|------------------|

CRD87 EGR Actuator

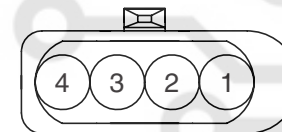
- 6 Female / Gray (FEP_EGR_06F_GR)



- | | | | |
|------|-----------------|------|------------------|
| 1. G | ECM (Motor (+)) | 4. G | ECM (F/B Signal) |
| 2. - | - | 5. L | ECM (F/B Ground) |
| 3. O | ECM (Motor (-)) | 6. R | ECM (F/B Supply) |

CRD88 Electrical VGT Actuator

- 4 Female / N/A (FEP_NFDSL_04F_N)

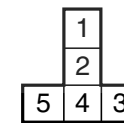


- | | | | |
|------|------------------|------|------------------|
| 1. G | ECM (F/B Signal) | 3. P | EMS Box - F4 10A |
| 2. O | ECM (PWM Input) | 4. B | Ground (GRD09) |

CRD90 Wiper (Rain Sensor) Relay (RLY. 13)

- 5 Female / N/A (CR05F011)

- Symbol



- | | | | |
|------|--------------------------------|-------|---|
| 1. O | E/R Fuse & Relay Box - RLY. 12 | 4. Gr | Multifunction Switch (Front Wiper Switch) |
| 2. P | Front Wiper Motor | 5. Br | I/P Junction Box - F25 25A |
| 3. L | Rain Sensor (Control) | | |

CONTROL HARNESS

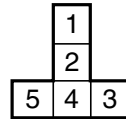
Control Harness (33)

CV20-33

CRD91 Front Wiper (Low) Relay (RLY. 12)

- 5 Female / N/A (CR05F011)

- Symbol



[With Rain Sensor]

- 1. O E/R Fuse & Relay Box - RLY. 13
- 2. Y I/P Junction Box - F25 25A
- 3. O/B Rain Sensor, BCM
- 4. O Front Wiper Motor, Rain Sensor
- 5. O I/P Junction Box - F25 25A

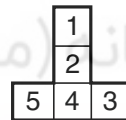
[W/O Rain Sensor]

- 1. Gr Multifunction Switch (Front Wiper Switch)
- 2. Y I/P Junction Box - F25 25A
- 3. O/B BCM
- 4. L Front Wiper Motor
- 5. Y I/P Junction Box - F25 25A

CRD92 ATM P/N Relay (RLY. 11) (With Smart Key)

- 5 Female / N/A (CR05F011)

- Symbol

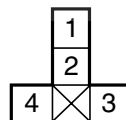


- 1. P I/P Junction Box - F20 10A
- 2. P E/R Fuse & Relay Box - RLY. 4
- 3. G E/R Fuse & Relay Box - F23 7.5A
- 4. — —
- 5. W TCM (Relay Control)

CRD93 Front Wiper Deicer Relay (RLY. 10)

- 4 Female / N/A (CR04F086)

- Symbol

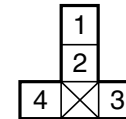


- 1. L E/R Fuse & Relay Box - F16 15A
- 2. G Front Wiper Deicer
- 3. L I/P Junction Box (IPS Control Module)
- 4. Br E/R Fuse & Relay Box - F16 15A

CRD94 Cooling Fan (High) Relay (RLY. 9)

- 4 Female / N/A (CR04F086)

- Symbol

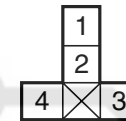


- 1. W E/R Fuse & Relay Box - F9 50A
- 2. R Cooling Fan Motor
- 3. Gr/O ECM (Relay High Control)
- 4. Gr E/R Fuse & Relay Box - RLY. 3

CRD97 Rear Defogger Relay (RLY. 6)

- 4 Female / N/A (CR04F086)

- Symbol

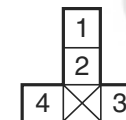


- 1. R E/R Fuse & Relay Box - F10 40A
- 2. P I/P Junction Box - F38 7.5A, Rear Defogger
- 3. G/O I/P Junction Box (IPS Control Module)
- 4. Br E/R Fuse & Relay Box - F10 40A

CRD98 Burglar Alarm Horn Relay (RLY. 5)

- 4 Female / N/A (CR04F086)

- Symbol



- 1. R Burglar Alarm Horn
- 2. P E/R Fuse & Relay Box - F15 15A
- 3. W I/P Junction Box (IPS Control Module)
- 4. L E/R Fuse & Relay Box - RLY. 5

CONTROL HARNESS

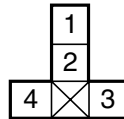
Control Harness (34)

CV20-34

CRD99 Start Relay (RLY. 4)

- 4 Female / N/A (CR04F086)

- Symbol



[W/O Smart Key]

1. R E/R Fuse & Relay Box - F13 40A,
Ignition Switch
2. L Start Solenoid
3. B [MT, W/O Ignition Lock Switch]
Ground (GRD02)

W [MT-With Ignition Lock Switch]
Ignition Lock Switch

W [A/T] TCM (Relay Control)

4. P [W/O B/Alarm]
I/P Junction Box - F20 10A

P [With B/Alarm]
I/P Junction Box
(Burglar Alarm Relay)

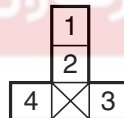
[With Smart Key]

1. R E/R Fuse & Relay Box - F13 40A
2. R Start Solenoid
3. B Ground (GRD02)
4. P Smart Key Control Module
(Start F/B Signal)
[M/T]
I/P Junction Box - F23 7.5A
[A/T]
E/R Fuse & Relay Box - RLY. 11

CRD100 Cooling Fan (Low) Relay (RLY. 3)

- 4 Female / N/A (CR04F086)

- Symbol



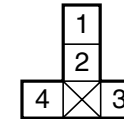
1. W E/R Fuse & Relay Box - F9 50A
2. R Cooling Fan Motor

3. O ECM (Relay Low Control)
4. Gr EMS Box - F7 15A,
E/R Fuse & Relay Box - RLY. 9

CRD101 Horn Relay (RLY. 2)

- 4 Female / N/A (CR04F086)

- Symbol

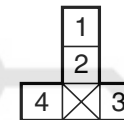


- | | | | |
|------|--------------------------------|-------|---------------------------------------|
| 1. G | E/R Fuse & Relay Box - F15 15A | 3. Gr | Multifunction Switch
(Horn Switch) |
| 2. G | Horn | 4. G | E/R Fuse & Relay Box - RLY. 2 |

CRD102 Blower Relay (RLY. 1)

- 4 Female / N/A (CR04F086)

- Symbol



- | | | | |
|------|--|------|----------------------------|
| 1. R | E/R Fuse & Relay Box -
F6 40A (Multi Fuse) | 3. B | Ground (GRD05) |
| 2. W | Blower Motor,
[Auto A/C]
I/P Junction Box - F37 7.5A | 4. O | I/P Junction Box - F32 10A |

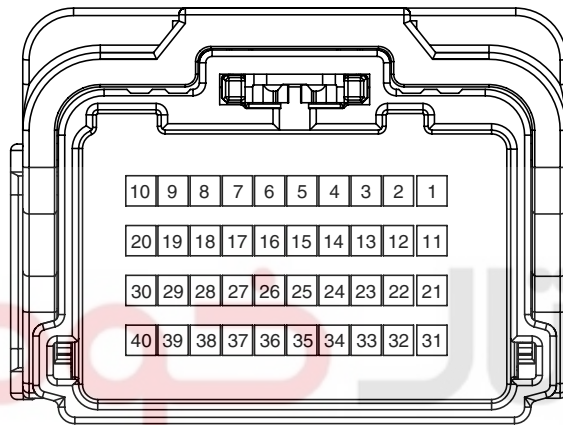
FLOOR HARNESS E0B7FD13

Floor Harness (1)

CV30-1

F01 SRS Control Module

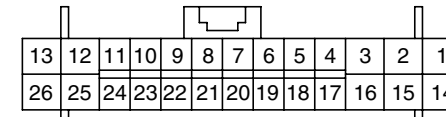
- 40 Female / N/A (JST_WIC_40F)



1. Br	Driver Side Impact Sensor (High)	21. L	Passenger Side Impact Sensor (High)
2. —	—	22. —	—
3. P/B	Driver Seat Belt Pretensioner (High)	23. G	Driver Curtain Air Bag (High)
4. Gr	Driver Seat Belt Pretensioner (Low)	24. W	Driver Curtain Air Bag (Low)
5. G/B	Driver Side Air Bag (High)	25. —	Driver Seat Belt Pretensioner Anchor (High)
6. W/B	Driver Side Air Bag (Low)	26. —	Driver Seat Belt Pretensioner Anchor (Low)
7. —	—	27. —	—
8. —	—	28. —	—
9. —	—	29. —	—
10. —	—	30. —	—
11. W	Driver Side Impact Sensor (Low)	31. R	Passenger Side Impact Sensor (Low)
12. —	—	32. —	—
13. L/O	Passenger Seat Belt Pretensioner (High)	33. B	Passenger Curtain Air Bag (High)
14. Y/B	Passenger Seat Belt Pretensioner (Low)	34. R	Passenger Curtain Air Bag (Low)
15. Br/O	Passenger Side Air Bag (High)	35. —	—
16. O/B	Passenger Side Air Bag (Low)	36. —	—
17. —	—	37. —	—
18. —	—	38. —	—
19. —	—	39. —	—
20. —	—	40. —	—

F03-A Amp

- 26 Female / White (AMP_0407_26F_W_HD)



1. R	I/P Junction Box - F7 25A	14. B	Ground (GF08)
2. R	I/P Junction Box - F7 25A	15. B	Ground (GF08)
3. R	I/P Junction Box - F7 25A	16. B	Ground (GF08)
4. —	—	17. —	—
5. L	CAN - High	18. W	Audio (SPDIF OUT (+))
6. R	CAN - Low	19. G	Audio (SPDIF OUT (-))
7. G	I/P Junction Box - F28 10A	20. —	—
8. —	—	21. —	—
9. —	—	22. —	—
10. —	—	23. —	—
11. —	—	24. —	—
12. L	Sub Woofer Speaker (+)	25. R	Sub Woofer Speaker (-)
13. G	Sub Woofer Speaker (+)	26. O	Sub Woofer Speaker (-)

F03-C Amp

- 12 Female / White (AMP_0407_12F_W_070)



1. G	Rear Door Speaker RH (+)	7. O	Rear Door Speaker RH (-)
2. Y	Rear Door Speaker LH (+)	8. B	Rear Door Speaker LH (-)
3. R	[LHD] Passenger Tweeter Speaker (+)	9. L	[LHD] Passenger Tweeter Speaker (-)
4. Br	[RHD] Driver Tweeter Speaker (+)	10. W	[RHD] Driver Tweeter Speaker (-)
5. R	[LHD] Passenger Door Speaker (+)	11. L	[LHD] Passenger Door Speaker (-)
6. Br	[RHD] Driver Door Speaker (+)	12. W	[RHD] Driver Door Speaker (-)

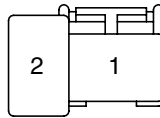
FLOOR HARNESS

Floor Harness (2)

CV30-2

F04 Luggage Lamp

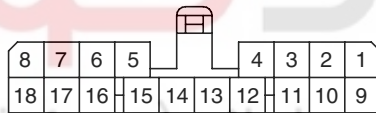
- 2 Female / White (AMP_PLM2_02F_W)



- | | | | |
|------|--|------|----------------------------|
| 1. W | Tail Gate Latch
(Tail Gate Open Switch)
I/P Junction Box
(IPS Control Module) | 2. L | I/P Junction Box - F13 10A |
|------|--|------|----------------------------|

F05 4WD ECM

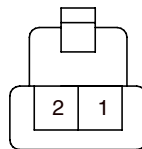
- 18 Female / Black (AMP_070_18F_B)



- | | | | |
|------|--------------------------------|---------|--------------------------------|
| 1. O | C-CAN (Low) | 10. — | — |
| 2. G | C-CAN (High) | 11. R | 4WD Pressure Sensor (PWR) |
| 3. — | — | 12. B | 4WD Pressure Sensor (GND) |
| 4. G | 4WD Pressure Sensor (SIG) | 13. R | E/R Fuse & Relay Box - F18 20A |
| 5. — | — | 14. B | Ground (GF01) |
| 6. — | Multi Switch (4WD Lock Switch) | 15. R/B | I/P Junction Box - F21 10A |
| 7. B | 4WD Motor (B) | 16. — | — |
| 8. R | 4WD Motor (A) | 17. — | — |
| 9. — | — | 18. — | I/P Junction Box |

F07 Driver Door Switch

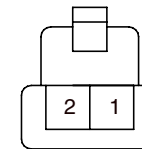
- 2 Female / White (AMP_040M1_02F_W)



- | | | | |
|------|---|--------|--|
| 1. — | — | 2. G/O | I/P Junction Box
(IPS Control Module) |
|------|---|--------|--|

F08 Passenger Door Switch

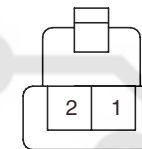
- 2 Female / White (AMP_040M1_02F_W)



- | | | | |
|------|---|--------|--|
| 1. — | — | 2. P/B | I/P Junction Box
(IPS Control Module) |
|------|---|--------|--|

F09 Rear Door Switch LH

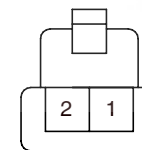
- 2 Female / White (AMP_040M1_02F_W)



- | | | | |
|------|---|--------|--|
| 1. — | — | 2. Y/B | I/P Junction Box
(IPS Control Module) |
|------|---|--------|--|

F10 Rear Door Switch RH

- 2 Female / White (AMP_040M1_02F_W)



- | | | | |
|------|---|---------|--|
| 1. — | — | 2. Gr/B | I/P Junction Box
(IPS Control Module) |
|------|---|---------|--|

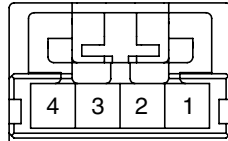
FLOOR HARNESS

Floor Harness (3)

CV30-3

F11 Smart Key Antenna #2

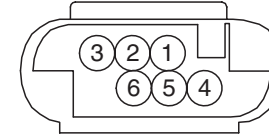
- 4 Female / Black (AMP_MQS_04F_B_040)



- | | | | |
|------|--|------|--|
| 1. — | — | 3. — | — |
| 2. O | Smart Key Control Module
(Interior ANT 2 GND) | 4. O | Smart Key Control Module
(Interior ANT 2 PWR) |

F18 Yaw Rate Sensor

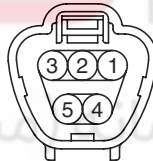
- 6 Female / Black (AMP_MQSWP_06F_B_1)



- | | | | |
|------|---------------------------------|------|-----------------------------|
| 1. B | ESP Control Module (CAN - Low) | 4. L | ESP Control Module (Ground) |
| 2. Y | ESP Control Module (CAN - High) | 5. — | — |
| 3. R | ESP Control Module (PWR) | 6. — | — |

F12 Fuel Sender & Fuel Pump Motor

- 5 Female / Gray (KET_090IWP_05F_GR_2)



- | | | | |
|-------|--------------------------------------|------|-----------------|
| 1. — | — | 4. P | EMS Box -RLY. 2 |
| 2. O | Instrument Cluster (Fuel Sender (+)) | 5. B | Ground (GF02) |
| 3. Gr | Instrument Cluster (Fuel Sender (-)) | | |

F26 Rear Combination Lamp (Out) LH

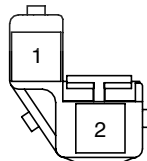
- 4 Female / Black (KET_SWP_04F_B)



- | | | | |
|--------|---|------|---|
| 1. G/B | Stop Lamp :
I/P Junction Box (DBC Relay) | 3. G | Tail Lamp :
I/P Junction Box (IPS 7) |
| 2. — | — | 4. B | Ground (GF03) |

F17 Rear Power Outlet

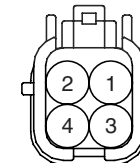
- 2 Female / Black (KET_2505_02F_B_CIGAR)



- | | | | |
|------|----------------------------|------|---------------|
| 1. R | I/P Junction Box - F33 20A | 2. B | Ground (GF03) |
|------|----------------------------|------|---------------|

F27 Rear Combination Lamp (Out) RH

- 4 Female / Black (KET_SWP_04F_B)



- | | | | |
|--------|---|--------|---|
| 1. G/B | Stop Lamp :
I/P Junction Box (DBC Relay) | 3. B/O | Tail Lamp :
I/P Junction Box (IPS 2) |
| 2. — | — | 4. B | Ground (GF08) |

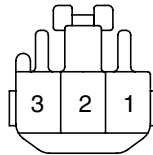
FLOOR HARNESS

Floor Harness (4)

CV30-4

F28 Rear Seat Warmer LH

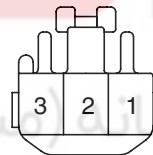
- 3 Female / White (KET_090III_03F_W)



- | | | | |
|--------|---------------------------------------|------|-------------------------------------|
| 1. P/B | Rear Seat Warmer Switch LH (IND. (-)) | 3. G | Rear Seat Warmer Switch LH (Switch) |
| 2. B | Ground (GF02) | | |

F29 Rear Seat Warmer RH

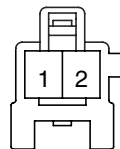
- 3 Female / White (KET_090III_03F_W)



- | | | | |
|--------|---------------------------------------|------|-------------------------------------|
| 1. L/B | Rear Seat Warmer Switch RH (IND. (-)) | 3. G | Rear Seat Warmer Switch RH (Switch) |
| 2. B | Ground (GF08) | | |

F30 Rear Wheel Sensor LH

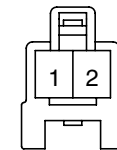
- 2 Male / White (KET_090III_02M_W_L_1)



- | | | | |
|------|------------------------------|------|------------------------------|
| 1. L | ABS/ESP Control Module (SIG) | 2. R | ABS/ESP Control Module (VCC) |
|------|------------------------------|------|------------------------------|

F31 Rear Wheel Sensor RH

- 2 Male / White (KET_090III_02M_W_L_1)



- | | | | |
|------|------------------------------|------|------------------------------|
| 1. B | ABS/ESP Control Module (SIG) | 2. W | ABS/ESP Control Module (VCC) |
|------|------------------------------|------|------------------------------|

F32 Parking Brake Switch (Hand Type)

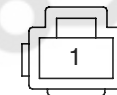
- 1 Female / Black (AMP_PLM2_01F_B)



- | | |
|---------|---------------------------------------|
| 1. Gr/O | I/P Junction Box (IPS Control Module) |
|---------|---------------------------------------|

F33 Parking Brake Switch (Foot Type)

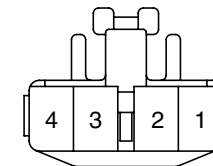
- 1 Male / Black (KET_250_01M_B)



- | | |
|---------|---------------------------------------|
| 1. Gr/O | I/P Junction Box (IPS Control Module) |
|---------|---------------------------------------|

F35 Sub Woofer Speaker

- 4 Female / White (KET_090III_04F_W)



- | | | | |
|------|---------|------|---------|
| 1. L | AMP (+) | 3. G | AMP (+) |
| 2. R | AMP (-) | 4. O | AMP (-) |

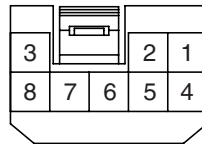
FLOOR HARNESS

Floor Harness (5)

CV30-5

F38 ATM Shift Lever III.

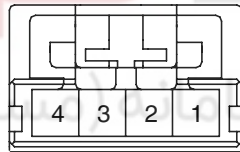
- 8 Female / White (AMP_090III_08F_W)



- | | | | |
|--------|-----------------------------|--------|----------------------------|
| 1. W | Instrument Cluster (P IND.) | 5. L | I/P Junction Box - F21 10A |
| 2. G/O | Instrument Cluster (R IND.) | 6. B | Ground (GF01) |
| 3. P | Instrument Cluster (N IND.) | 7. R | ILL + |
| 4. L | Instrument Cluster (D IND.) | 8. L/O | ILL - |

F39 Smart Key Antenna #3

- 4 Female / Black (AMP_MQS_04F_B_040)



- | | | | |
|------|---|------|---|
| 1. — | — | 3. — | — |
| 2. L | Smart Key Control Module
(Trunk ANT GND) | 4. G | Smart Key Control Module
(Trunk ANT PWR) |

F40 Roof Antenna

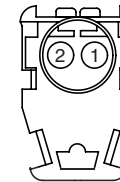
- 1 Female / Black (AMP_PLM2_01F_B)



- | | |
|------|-------|
| 1. G | Audio |
|------|-------|

F41 Driver Curtain Air Bag

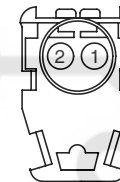
- 2 Female / Yellow (FCI_AKII_02F_Y_III)



- | | | | |
|------|---------------------------|------|--------------------------|
| 1. G | SRS Control Module (High) | 2. W | SRS Control Module (Low) |
|------|---------------------------|------|--------------------------|

F42 Passenger Curtain Air Bag

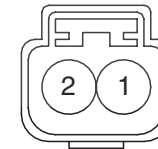
- 2 Female / Yellow (FCI_AKII_02F_Y_III)



- | | | | |
|------|---------------------------|------|--------------------------|
| 1. B | SRS Control Module (High) | 2. R | SRS Control Module (Low) |
|------|---------------------------|------|--------------------------|

F43 Driver Side Air Bag

- 2 Female / Yellow (YAZ_040WP_02F_Y_GH)



- | | | | |
|--------|---------------------------|--------|--------------------------|
| 1. G/B | SRS Control Module (High) | 2. W/B | SRS Control Module (Low) |
|--------|---------------------------|--------|--------------------------|

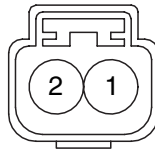
FLOOR HARNESS

Floor Harness (6)

CV30-6

F44 Passenger Side Air Bag

- 2 Female / Yellow (YAZ_040WP_02F_Y_GH)



1. Br/B SRS Control Module (High) 2. O/B SRS Control Module (Low)

F45 Driver Side Impact Sensor

- 2 Female / Dark Gray (FCI_PAEWP_02F_DG_B)



1. Br SRS Control Module (High) 2. W SRS Control Module (Low)

F46 Passenger Side Impact Sensor

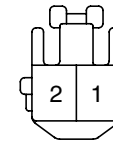
- 2 Female / Dark Gray (FCI_PAEWP_02F_DG_B)



1. L SRS Control Module (High) 2. R SRS Control Module (Low)

F47 Driver Seat Belt Buckle Switch

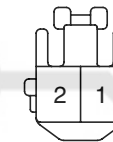
- 2 Female / White (KET_090III_02F_W_L)



1. O I/P Junction Box (IPS Control Module) 2. B Ground (GF01)

F48 Passenger Seat Belt Buckle Switch

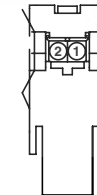
- 2 Female / White (KET_090III_02F_W_L)



1. L Seat Belt Reminder Sensor 2. B Ground (GF06)

F49 Driver Seat Belt Pretensioner

- 2 Female / Black (JST_SQS_02F_B)



1. P/B SRS Control Module (High) 2. Gr SRS Control Module (Low)

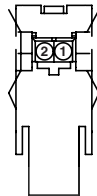
FLOOR HARNESS

Floor Harness (7)

CV30-7

F50 Passenger Seat Belt Pretensioner

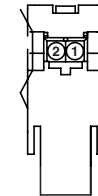
- 2 Female / Black (JST_SQS_02F_B)



1. L/O SRS Control Module (High) 2. Y/B SRS Control Module (Low)

F54 Driver Seat Belt Pretensioner Anchor

- 2 Female / Black (JST_SQS_02F_B)



1. Gr/B SRS Control Module (High) 2. Gr/O SRS Control Module (Low)

F52 Seat Belt Reminder Sensor (Australia)

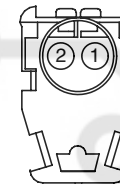
- 2 Female / Black (AMP_MQSWP_02F_B)



1. L I/P Junction Box (IPS Control Module) 2. B Ground (GF06)

F58 Driver Curtain Air Bag (With Rollover Sensor)

- 2 Female / Black (FCI_AKII_02F_B_I)



1. G SRS Control Module (High) 2. W SRS Control Module (Low)

F53 Seat Belt Reminder Sensor (Europe)

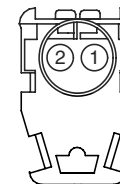
- 2 Female / Black (AMP_MQSWP_02F_B)



1. L I/P Junction Box (IPS Control Module) 2. B Ground (GF06)

F59 Passenger Curtain Air Bag (With Rollover Sensor)

- 2 Female / Black (FCI_AKII_02F_B_I)



1. B SRS Control Module (High) 2. R SRS Control Module (Low)

FLOOR HARNESS

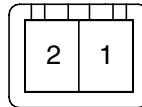
Floor Harness (8)

CV30-8

Z01

Diode

- 2 Female / Black (KET_090_02F_B_DIODE)



1. G

I/P Junction Box - F13 10A

2. L

Luggage Lamp



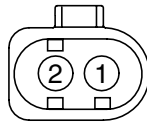
4WD HARNESS E9C3A01C

4WD Harness (1)

CV31-1

F61 4WD Motor

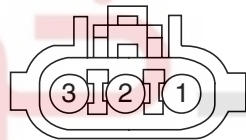
- 2 Female / Black (Hirschmann Automotive 02F_BLACK)



1. R 4WD ECM (Motor A) 2. B/O 4WD ECM (Motor B)

F62 4WD Pressure Sensor

- 3 Female / Black (KET_SWP_03F_B)



1. R 4WD ECM (PWR) 3. G 4WD ECM (GND)
2. G 4WD ECM (G)

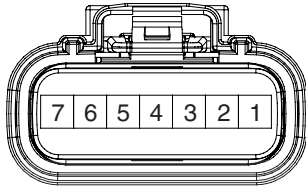
DOOR HARNESS E2DBDA4E

Door Harness (1)

CV40-1

D01 Driver Door Lock Actuator (LHD, W/O Dead Lock)

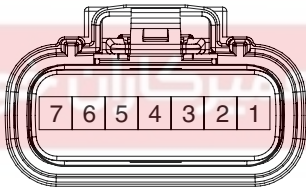
- 7 Female / Black (FCI_DRLATCH_07F_B)



- | | | | |
|---------|---|-------|---|
| 1. L | I/P Junction Box
(Door Unlock Relay) | 5. B | Ground (GF01) |
| 2. O | I/P Junction Box (Door Lock Relay) | 6. Gr | Door Lock/Unlock Switch :
I/P Junction Box
(IPS Control Module) |
| 3. Br/O | Key Lock Switch : I/P Junction Box
(IPS Control Module) | 7. — | — |
| 4. P | Key Unlock Switch :
I/P Junction Box
(IPS Control Module) | | |

D02 Driver Door Lock Actuator (LHD, With Dead Lock)

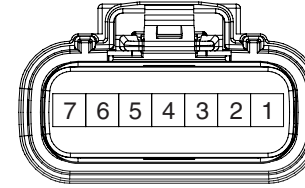
- 7 Female / Black (FCI_DRLATCH_07F_B)



- | | | | |
|---------|---|-------|---|
| 1. L | I/P Junction Box
(Door Unlock Relay) | 5. B | Ground (GF01) |
| 2. O | I/P Junction Box (Door Lock Relay) | 6. Gr | Door Lock/Unlock Switch :
I/P Junction Box |
| 3. Br/O | Key Lock Switch : I/P Junction Box
(IPS Control Module) | 7. G | ICM Relay Box
(Dead Lock Relay) |
| 4. P | Key Unlock Switch :
I/P Junction Box
(IPS Control Module) | | |

D03 Driver Door Lock Actuator (RHD, With Dead Lock)

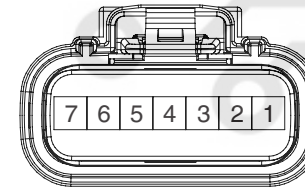
- 7 Female / Black (FCI_DRLATCH_07F_B)



- | | | | |
|-------|---|---------|---|
| 1. G | ICM Relay Box
(Dead Lock Relay) | 5. Br/O | Key Lock Switch :
I/P Junction Box
(IPS Control Module) |
| 2. Gr | Door Lock/Unlock Switch :
I/P Junction Box
(IPS Control Module) | 6. O | I/P Junction Box
(Door Lock Relay) |
| 3. B | Ground (GF01) | 7. L | I/P Junction Box
(Door Unlock Relay) |
| 4. P | Key Unlock Switch :
I/P Junction Box
(IPS Control Module) | | |

D04 Driver Door Lock Actuator (RHD, W/O Dead Lock)

- 7 Female / Black (FCI_DRLATCH_07F_B)



- | | | | |
|-------|---|---------|---|
| 1. — | — | 5. Br/O | Key Lock Switch :
I/P Junction Box
(IPS Control Module) |
| 2. Gr | Door Lock/Unlock Switch :
I/P Junction Box
(IPS Control Module) | 6. O | I/P Junction Box
(Door Lock Relay) |
| 3. B | Ground (GF01) | 7. L | I/P Junction Box
(Door Unlock Relay) |
| 4. P | Key Unlock Switch :
I/P Junction Box
(IPS Control Module) | | |

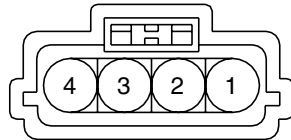
DOOR HARNESS

Door Harness (2)

CV40-2

D05 Driver Smart Key Outside Handle

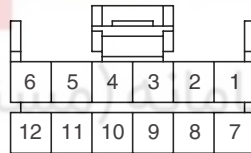
- 4 Female / Black (KUM_NDWP_04F_B)



- | | | | |
|-------|---|---------|---|
| 1. Br | Smart Key Control Module
(Driver Door ANT PWR) | 3. Gr/B | Smart Key Control Module
(Driver Door Lock/ Unlock Switch) |
| 2. W | Smart Key Control Module
(Driver Door ANT GND) | 4. B | Ground (GF01) |

D07 Driver Power Outside Mirror

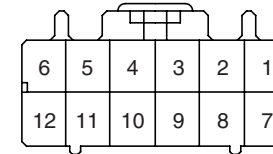
- 12 Female / Gray (MLX_040WW_12F_GR)



- | | | | |
|-------|--|--------|---|
| 1. Gr | [LHD]
Power Outside Mirror Switch (HL)
[RHD]
Power Outside Mirror Switch (HR) | 5. Y | Power Outside Mirror Switch
(Folding (F)) |
| 2. P | Power Outside Mirror Switch
(Mirror Motor Up/Down) | 6. Br | Power Outside Mirror Switch
(Folding (UF)) |
| 3. G | [LHD]
Power Outside Mirror Switch (VL)
[RHD]
Power Outside Mirror Switch (VR) | 7. L/B | Defogger :
I/P Junction Box - F37 7.5A |
| 4. — | — | 8. B | Defogger : Ground (GF01) |
| | | 9. — | — |
| | | 10. — | — |
| | | 11. W | Turn Lamp : BCM |
| | | 12. B | Turn Lamp : Ground (GF01) |

D08 Power Outside Mirror Switch

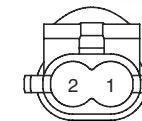
- 12 Female / White (AMP_0407_12F_W_070)



- | | | | |
|-------|---|-------|---|
| 1. — | — | 10. P | [LHD]
Driver Power Outside Mirror |
| 2. Br | Power Outside Mirror (UF) | | [RHD]
Passenger Power Outside Mirror |
| 3. Y | Power Outside Mirror (F) | 11. Y | [LHD]
Passenger Power Outside Mirror |
| 4. Y | I/P Junction Box - F5 10A | | [RHD]
Driver Power Outside Mirror |
| 5. B | Ground (GF01) | 12. G | [LHD]
Passenger Power Outside Mirror |
| 6. G | I/P Junction Box - F28 10A | | [RHD]
Driver Power Outside Mirror |
| 7. — | — | | |
| 8. G | [LHD]
Driver Power Outside Mirror
[RHD]
Passenger Power Outside Mirror | | |
| 9. Gr | [LHD]
Driver Power Outside Mirror
[RHD]
Passenger Power Outside Mirror | | |

D09 Driver Power Window Motor

- 2 Female / Black (FCI_DENSOR_02F_B)



- | | | | |
|-------|--------------------------|-------|--------------------------|
| [LHD] | | [RHD] | |
| 1. P | Power Window Main Switch | 1. G | Power Window Main Switch |
| 2. W | Power Window Main Switch | 2. Gr | Power Window Main Switch |

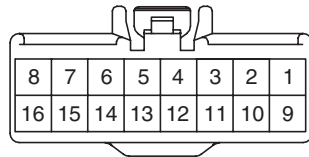
DOOR HARNESS

Door Harness (3)

CV40-3

D10 Power Window Main Switch

- 16 Female / White (KET_090III_16F_W)



LHD

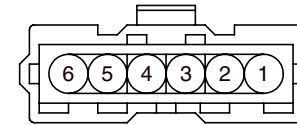
- 1. Gr Passenger Window Switch (DN)
- 2. G Passenger Window Switch (UP)
- 3. R ILL. (+)
- 4. —
- 5. Gr/B IPS Control Module (Door Unlock)
- 6. W Safety Power Window Module (Auto)
- 7. L [With Safety]
- W Safety Power Window Module (Up)
- W [W/O Safety]
- Driver Power Window Motor
- 8. G [With Safety]
- Safety Power Window Module (DN)
- P [W/O Safety]
- Driver Power Window Motor
- 9. R I/P Junction Box - F11 25A
- 10. L Rear Power Window Switch RH
- 11. O Rear Power Window Switch RH
- 12. B Ground (GF01)
- 13. L/B IPS Control Module (Door Lock)
- 14. P Rear Power Window Switch LH
- 15. Br Rear Power Window Switch LH
- 16. O I/P Junction Box - F12 25A

RHD

- 1. L [With Safety]
- Safety Power Window Module (Up)
- [W/O Safety]
- Driver Power Window Motor
- 2. G [With Safety]
- Safety Power Window Module (DN)
- G [W/O Safety]
- Driver Power Window Motor
- 3. R ILL. (+)
- 4. —
- 5. Gr/B IPS Control Module (Door Unlock)
- 6. W Safety Power Window Module (Auto)
- 7. W Passenger Power Window Switch
- 8. P Passenger Power Window Switch
- 9. R I/P Junction Box - F11 25A
- 10. L Window Switch RR
- 11. O Window Switch RR
- 12. B Ground (GF01)
- 13. L/B IPS Control Module (Door Lock)
- 14. P Window Switch RL
- 15. Br Window Switch RL
- 16. O I/P Junction Box - F12 25A

D12 Driver Safety Power Window Module (With Safety)

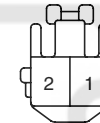
- 6 Female / Black (FCI_SENSOR_06F_B)



- | | | | |
|------|--|------|--|
| 1. G | Power Window Main Switch (Driver Window Switch (Down)) | 4. Y | I/P Junction Box - F3 20A |
| 2. L | Power Window Main Switch (Driver Window Switch (Up)) | 5. O | Power Window Main Switch (Driver Window Switch (Auto)) |
| 3. B | Ground (GF01) | 6. G | BCM (COM) |

D13 Driver Door Speaker

- 2 Female / White (KET_090III_02F_W_L)



[With AMP]

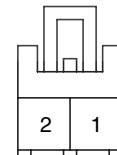
- 1. Br AMP (+)
- 2. W AMP (-)

[W/O AMP]

- 1. Br Audio (+)
- 2. W Audio (-)

D14 Driver Door Tweeter Speaker

- 2 Female / White (KUM_CDR_02F_W)



[With AMP]

- 1. W AMP (-)
- 2. Br AMP (+)

[W/O AMP]

- 1. W Audio (-)
- 2. Br Audio (+)

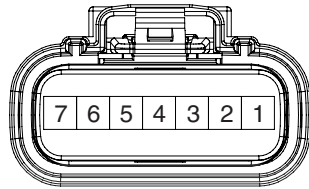
DOOR HARNESS

Door Harness (4)

CV40-4

D21 Passenger Door Lock Actuator (LHD, W/O Dead Lock)

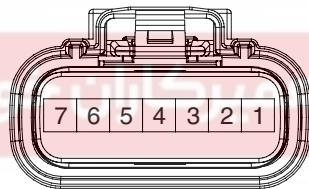
- 7 Female / Black (FCI_DRLATCH_07F_B)



- | | | | |
|--------|---|-------|---|
| 1. — | — | 5. Br | Key Lock Switch :
I/P Junction Box
(IPS Control Module) |
| 2. W | Door Lock/Unlock Switch :
I/P Junction Box
(IPS Control Module) | 6. O | IPS Control Module
(Door Lock Relay) |
| 3. B | Ground (GF06) | 7. L | IPS Control Module
(Door Unlock Relay) |
| 4. P/B | Key Unlock Switch :
I/P Junction Box
(IPS Control Module) | | |

D22 Passenger Door Lock Actuator (LHD, With Dead Lock)

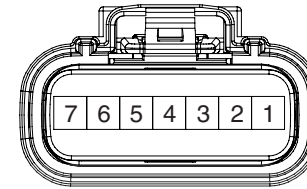
- 7 Female / Black (FCI_DRLATCH_07F_B)



- | | | | |
|--------|---|-------|---|
| 1. G | ICM Relay Box (Dead Lock Relay) | 5. Br | Key Lock Switch :
I/P Junction Box
(IPS Control Module) |
| 2. W | Door Lock/Unlock Switch :
I/P Junction Box
(IPS Control Module) | 6. O | IPS Control Module
(Door Lock Relay) |
| 3. B | Ground (GF06) | 7. L | IPS Control Module
(Door Unlock Relay) |
| 4. P/B | Key Unlock Switch :
I/P Junction Box
(IPS Control Module) | | |

D23 Passenger Door Lock Actuator (RHD, With Dead Lock)

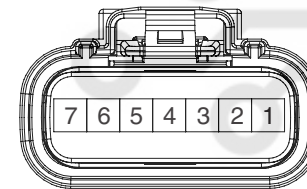
- 7 Female / Black (FCI_DRLATCH_07F_B)



- | | | | |
|-------|---|--------|---|
| 1. L | IPS Control Module
(Door Unlock Relay) | 4. P/B | Key Unlock Switch :
I/P Junction Box
(IPS Control Module) |
| 2. O | IPS Control Module
(Door Lock Relay) | 5. Br | Ground (GF06) |
| 3. Br | Key Lock Switch :
I/P Junction Box
(IPS Control Module) | 6. W | Door Lock/Unlock Switch :
I/P Junction Box
(IPS Control Module) |
| | | 7. G | ICM Relay Box (Dead Lock Relay) |

D24 Passenger Door Lock Actuator (RHD, W/O Dead Lock)

- 7 Female / Black (FCI_DRLATCH_07F_B)



- | | | | |
|--------|---|------|---|
| 1. L | IPS Control Module
(Door Unlock Relay) | 5. B | Ground (GF06) |
| 2. O | IPS Control Module
(Door Lock Relay) | | |
| 3. Br | Key Lock Switch :
I/P Junction Box
(IPS Control Module) | 6. W | Door Lock/Unlock Switch :
I/P Junction Box
(IPS Control Module) |
| 4. P/B | Key Unlock Switch :
I/P Junction Box
(IPS Control Module) | 7. — | — |

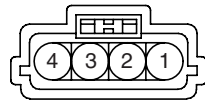
DOOR HARNESS

Door Harness (5)

CV40-5

D25 Passenger Smart Key Outside Handle

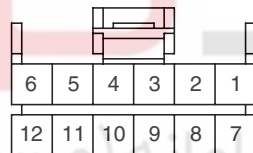
- 4 Female / Black (KUM_NDWP_04F_B)



- | | | | |
|-------|--|---------|---|
| 1. Br | Smart Key Control Module
(Passenger Door ANT PWR) | 3. Gr/B | Smart Key Control Module
(Passenger Door Lock/
Unlock Switch) |
| 2. W | Smart Key Control Module
(Passenger Door ANT GND) | 4. B | Ground (GF06) |

D27 Passenger Power Outside Mirror

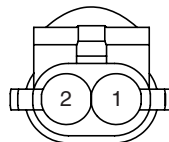
- 12 Female / Gray (MLX_040WW_12F_GR)



- | | | | |
|-------|--|---------|---|
| 1. Gr | [LHD]
Power Outside Mirror Switch (HR)
[RHD]
Power Outside Mirror Switch (HL) | 5. Y | Power Outside Mirror Switch
(Folding (F)) |
| 2. P | Power Outside Mirror Switch
(Mirror Motor Up/Down) | 6. Br | Power Outside Mirror Switch
(Folding (UF)) |
| 3. G | [LHD]
Power Outside Mirror Switch (VR)
[RHD]
Power Outside Mirror Switch (VL) | 7. L/B | Defogger :
I/P Junction Box - F37 7.5A |
| 4. — | — | 8. B | Defogger : Ground (GF06) |
| | | 9. — | — |
| | | 10. — | — |
| | | 11. W/B | Turn Lamp : BCM |
| | | 12. B | Turn Lamp : Ground (GF06) |

D29 Passenger Power Window Motor

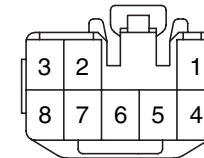
- 2 Female / Black (FCI_SENSOR_02F_B)



- | | | | |
|-------|---|------|---------------------------------------|
| 1. Br | Passenger Power Window Switch
(Down) | 2. P | Passenger Power Window Switch
(Up) |
|-------|---|------|---------------------------------------|

D30 Passenger Power Window Switch

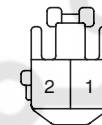
- 8 Female / White (KET_090III_08F_W)



- | | | | |
|-------|--|------|-------------------------------------|
| 1. P | Passenger Power Window Motor
(Up) | 5. — | — |
| 2. Y | Power Window Main Switch (Up) | 6. L | [LHD]
I/P Junction Box - F11 25A |
| 3. B | ILL (-) | | [RHD]
I/P Junction Box - F12 25A |
| 4. Br | Passenger Power Window Motor
(Down) | 7. R | Power Window Main Switch
(Down) |
| | | 8. R | ILL (+) |

D33 Passenger Door Speaker

- 2 Female / White (KET_090III_02F_W_L)



[With AMP]

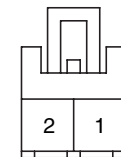
- | | |
|------|---------|
| 1. R | AMP (+) |
| 2. L | AMP (-) |

[W/O AMP]

- | | |
|------|-----------|
| 1. R | Audio (+) |
| 2. L | Audio (-) |

D34 Passenger Door Tweeter Speaker

- 2 Female / White (KUM_CDR_02F_W)



[With AMP]

- | | |
|------|---------|
| 1. L | AMP (-) |
| 2. R | AMP (+) |

[W/O AMP]

- | | |
|------|-----------|
| 1. L | Audio (-) |
| 2. R | Audio (+) |

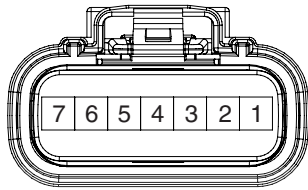
DOOR HARNESS

Door Harness (6)

CV40-6

D41 Rear Door Lock Actuator LH (W/O Dead Lock)

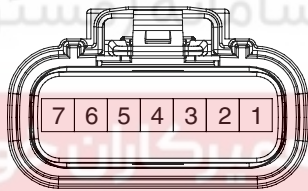
- 7 Female / Black (FCI_DRLATCH_07F_B)



- | | | | |
|------|---|--------|---|
| 1. L | I/P Junction Box
(Door Unlock Relay) | 5. B | Ground (GF02) |
| 2. O | I/P Junction Box
(Door Lock Relay) | 6. P/B | Door Lock/Unlock Switch :
I/P Junction Box
(IPS Control Module) |
| 3. — | — | 7. — | — |
| 4. — | — | | |

D42 Rear Door Lock Actuator LH (With Dead Lock)

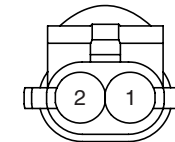
- 7 Female / Black (FCI_DRLATCH_07F_B)



- | | | | |
|------|---|--------|---|
| 1. L | I/P Junction Box
(Door Unlock Relay) | 5. B | Ground (GF02) |
| 2. O | I/P Junction Box
(Door Lock Relay) | 6. P/B | Door Lock/Unlock Switch :
I/P Junction Box
(IPS Control Module) |
| 3. — | — | 7. — | ICM Relay Box
(Dead Lock Relay) |
| 4. — | — | | |

D49 Rear Power Window Motor LH

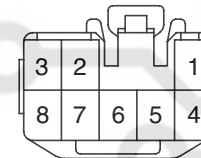
- 2 Female / Black (FCI_SENSOR_02F_B)



- | | | | |
|------|---------------------------------------|------|-------------------------------------|
| 1. L | Rear Power Window Switch LH
(Down) | 2. G | Rear Power Window Switch LH
(Up) |
|------|---------------------------------------|------|-------------------------------------|

D50 Rear Power Window Switch LH

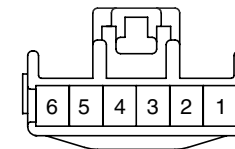
- 8 Female / White (KET_090III_08F_W)



- | | | | |
|------|--------------------------------------|-------|------------------------------------|
| 1. G | Rear Power Window Motor LH (Up) | 5. — | — |
| 2. P | Power Window Main Switch (Up) | 6. R | I/P Junction Box - F12 25A |
| 3. B | ILL (-) | 7. Br | Power Window Main Switch
(Down) |
| 4. L | Rear Power Window Motor LH
(Down) | 8. R | ILL (+) |

D51 Rear Seat Warmer Switch LH

- 6 Female / White (KET_090II_06F_W_SW)



- | | | | |
|--------|-------------------------------|------|------------------------------|
| 1. G | IND (+) : Switch | 4. G | Rear Seat Warmer LH (HTD(+)) |
| 2. P/B | Rear Seat Warmer LH (IND (-)) | 5. B | Ground (GF02) |
| 3. O | I/P Junction Box - F36 15A | 6. R | ILL (+) |

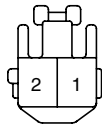
DOOR HARNESS

Door Harness (7)

CV40-7

D53 Rear Door Speaker LH

- 2 Female / White (KET_090III_02F_W_L)



[With AMP]

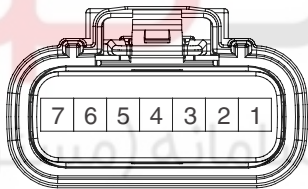
1. Y AMP (+)
2. B AMP (-)

[W/O AMP]

1. Y Audio (+)
2. B Audio (-)

D61 Rear Door Lock Actuator RH (W/O Dead Lock)

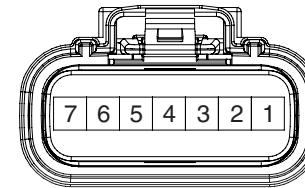
- 7 Female / Black (FCI_DRLATCH_07F_B)



- | | | | |
|--------|---------------------------|------|---------------------|
| 1. — | — | 5. — | — |
| 2. P/B | Door Lock/Unlock Switch : | 6. O | I/P Junction Box |
| | I/P Junction Box | | (Door Lock Relay) |
| 3. B | (IPS Control Module) | 7. L | I/P Junction Box |
| | Ground (GF06) | | (Door Unlock Relay) |
| 4. — | — | | |

D62 Rear Door Lock Actuator RH (With Dead Lock)

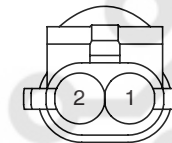
- 7 Female / Black (FCI_DRLATCH_07F_B)



- | | | | |
|--------|---------------------------|------|---------------------|
| 1. G | ICM Relay Box | 5. — | — |
| | (Dead Lock Relay) | 6. O | I/P Junction Box |
| 2. P/B | Door Lock/Unlock Switch : | | (Door Lock Relay) |
| | I/P Junction Box | 7. L | I/P Junction Box |
| | (IPS Control Module) | | (Door Unlock Relay) |
| 3. B | Ground (GF06) | | |
| 4. — | — | | |

D69 Rear Power Window Motor RH

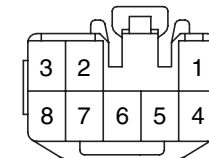
- 2 Female / Black (FCI_SENSOR_02F_B)



- | | | | |
|------|-----------------------------|-------|-----------------------------|
| 1. P | Rear Power Window Switch RH | 2. Br | Rear Power Window Switch RH |
| | (Down) | | (Up) |

D70 Rear Power Window Switch RH

- 8 Female / White (KET_090III_08F_W)



- | | | | |
|-------|---------------------------------|------|----------------------------|
| 1. Br | Rear Power Window Motor RH (Up) | 5. — | — |
| 2. L | Power Window Main Switch (Up) | 6. R | I/P Junction Box - F11 25A |
| 3. B | ILL (-) | 7. P | Power Window Main Switch |
| 4. P | Rear Power Window Motor RH | | (Down) |
| | (Down) | 8. R | ILL (+) |

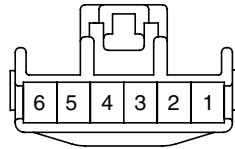
DOOR HARNESS

Door Harness (8)

CV40-8

D71 Rear Seat Warmer Switch RH

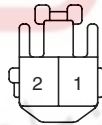
- 6 Female / White (KET_090II_06F_W_SW)



- | | | | |
|--------|-------------------------------|------|------------------------------|
| 1. G | IND (+) : Switch | 4. G | Rear Seat Warmer RH (HTD(+)) |
| 2. L/B | IND (-) : Rear Seat Warmer RH | 5. B | Ground (GF06) |
| 3. O | I/P Junction Box - F36 15A | 6. R | ILL (+) |

D73 Rear Door Speaker RH

- 2 Female / White (KET_090III_02F_W_L)

**[With AMP]**

- | | |
|------|---------|
| 1. G | AMP (+) |
| 2. O | AMP (-) |

[W/O AMP]

- | | |
|------|-----------|
| 1. G | Audio (+) |
| 2. O | Audio (-) |

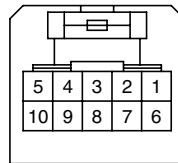
ROOF HARNESS E7EFF3CB

Roof Harness (1)

CV50-1

R01 Electro chromic mirror

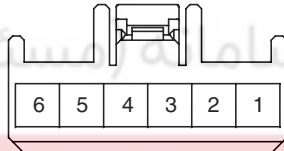
- 10 Female / Black (SUM_025_10F_B)



1. Y/B	Rear View Camera (Video GND)	6. —	—
2. —	—	7. —	—
3. Y	Rear View Camera (Video PWR)	8. B	Ground (GM02)
4. R/B	Rear View Camera (Video VGND)	9. R	I/P Junction Box (IPS 10)
5. R	Rear View Camera (Video IN)	10. O	I/P Junction Box - F32 10A

R02 Map Lamp Switch

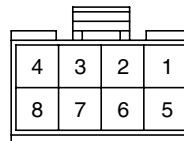
- 6 Female / White (AMP_090III_06F_W_1)



1. B	Ground (GM02)	4. Br	BCM (Door Open Signal)
2. —	—	5. G	I/P Junction Box - F13 10A
3. —	—	6. —	—

R04 Rain Sensor

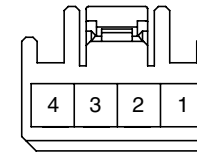
- 8 Female / Black (MLX_118_08F_B)



1. —	—	5. O	I/P Junction Box - F32 10A
2. W	Front Wiper Motor (Parking Switch), E/R Fuse & Relay Box -RLY. 12	6. B	Ground (GM02)
3. Br	Multifunction Switch (Washer Switch)	7. L	E/R Fuse & Relay Box -RLY. 13
4. Y/B	Multifunction Switch (Wiper Auto Switch)	8. O/B	E/R Fuse & Relay Box -RLY. 12, BCM

R05 Room Lamp

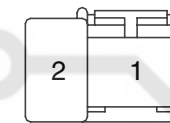
- 4 Female / White (AMP_090III_04F_W)



1. B	Ground (GM02)	3. R	I/P Junction Box - F13 10A
2. Br	BCM (Door Open Signal)	4. —	—

R06 Driver Vanity Lamp

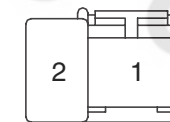
- 2 Female / Black (AMP_PLM2_02F_B_DL)



1. G	I/P Junction Box - F13 10A	1. B	Ground (GM02)
------	----------------------------	------	---------------

R07 Passenger Vanity Lamp

- 2 Female / Black (AMP_PLM2_02F_B_DL)



1. G	I/P Junction Box - F13 10A	1. B	Ground (GM02)
------	----------------------------	------	---------------

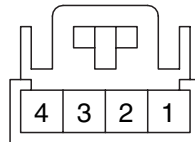
ROOF HARNESS

Roof Harness (2)

CV50-2

R08 Sunroof Switch

- 4 Female / White (AMP_070_04F_W)



1. W Sunroof Motor (Open)
2. B Ground (GM02)

3. L Sunroof Motor (Tilt Up)
4. Br/B Sunroof Motor (Close/Tilt Down)



دیجیتال خودرو
شرکت دیجیتال خودرو سامانه (مسئولیت محدود)
اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

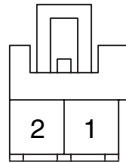
TAIL GATE HARNESS EDBC1DFD

Tail Gate Harness (1)

CV51-1

R11 High-Mounted Stop Lamp

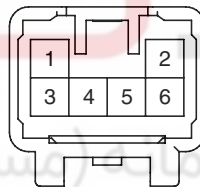
- 2 Female / White (KUM_CDR_02F_W)



1. G/B ICM Relay Box (DBC Relay) 2. B Ground (GR01)

R12 License Lamp (Tail Gate Handle Switch)

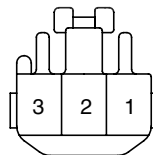
- 6 Male / White (KET_090III_06M_W)



- | | | | |
|--------|--|------|---|
| 1. Y/B | Tail Gate Handle Switch :
Smart Key Con Trol Module | 4. G | License Lamp RH :
I/P Junction Box (IPS 7) |
| 2. B | Tail Gate Handle Switch :
Ground (GR01) | 5. G | License Lamp LH :
I/P Junction Box (IPS 7) |
| 3. B | License Lamp : Ground (GR01) | 6. — | — |

R13 Rear Combination Lamp (In) LH

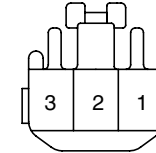
- 3 Female / White (KET_090III_03F_W)



1. R Back-Up Lamp :
I/P Junction Box (IPS 10) 3. B Ground (GR01)
2. G Tail Lamp :
I/P Junction Box (IPS 7)

R14 Rear Combination Lamp (In) RH

- 3 Female / White (KET_090III_03F_W)



1. R Back-Up Lamp :
I/P Junction Box (IPS 10) 3. B Ground (GR01)
2. Y Tail Lamp :
I/P Junction Box (IPS 2)

R16 Rear Defogger (+)

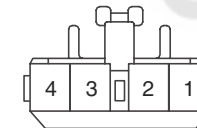
- 1 Female / Black (AMP_PLM2_01F_B)



1. P E/R Fuse & Relay Box - RLY. 6

R17 Rear Wiper Motor

- 4 Female / White (KET_090III_04F_W)



1. B Ground (GR01) 3. Br ICM Relay Box (Rear Wiper Relay)
2. W ICM Relay Box (Rear Wiper Relay) 4. L I/P Junction Box - Fuse F31

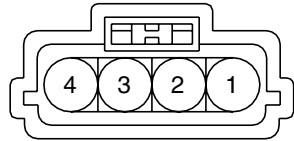
TAIL GATE HARNESS

Tail Gate Harness (2)

CV51-2

R18 Tail Gate Latch

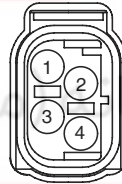
- 4 Female / Black (KUM_NDWP_04F_B)



- | | | | |
|------|--|------|------------------------------------|
| 1. B | Tail Gate Open Switch :
Ground (GR01) | 3. L | I/P Junction Box - Tail Gate Relay |
| 2. W | I/P Junction Box
(IPS Control Module) | 4. B | Motor : Ground (GR01) |

R19 Rear View Camera

- 4 Female / Black (AMP_MQSWP_04F_B)



- | | | | |
|--------|--|--------|------------------------------------|
| 1. R/B | Electro Chromic Mirror
(Video VGND) | 3. Y/B | Electro Chromic Mirror (Video GND) |
| 2. R | Electro Chromic Mirror (Video In) | 4. Y | Electro Chromic Mirror (Video PWR) |

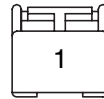
REAR DEFOGGER (-) HARNESS EABFACB7

Rear Defogger (-) Harness (1)

CV52-1

R15 Rear Defogger (-)

- 1 Female / Black (AMP_PLM2_01F_B)



1. B Ground (GR02)



REAR BUMPER HARNESS

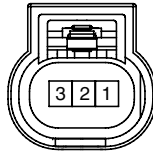
E2F7BA60

Rear Bumper Harness (1)

CV53-1

R21-CL Rear Parking Assist Sensor Center LH

- 3 Female / Black (AMP_MCPWP_03F_B)



- | | | | |
|-------|-----------|------|-----------|
| 1. R | BCM (PWR) | 3. B | BCM (GND) |
| 2. Gr | BCM (LIN) | | |

R21-CR Rear Parking Assist Sensor Center RH

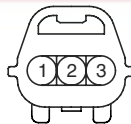
- 3 Female / Black (AMP_MCPWP_03F_B)



- | | | | |
|------|-----------|------|-----------|
| 1. R | BCM (PWR) | 3. B | BCM (GND) |
| 2. G | BCM (LIN) | | |

R21-L Rear Parking Assist Sensor LH

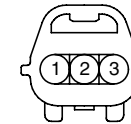
- 3 Male / Black (KET_SSD_03M_B_A)



- | | | | |
|------|-----------|------|-----------|
| 1. R | BCM (PWR) | 3. B | BCM (GND) |
| 2. G | BCM (LIN) | | |

R21-R Rear Parking Assist Sensor RH

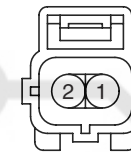
- 3 Male / Black (KET_SSD_03M_B_A)



- | | | | |
|--------|-----------|------|-----------|
| 1. R | BCM (PWR) | 3. B | BCM (GND) |
| 2. G/B | BCM (LIN) | | |

R23 Smart Key Bumper Antenna

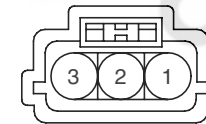
- 2 Female / Black (AMP_EJWP_02F_B)



- | | | | |
|-------|--------------------------------|------|--------------------------------|
| 1. Br | Smart Key Control Module (PWR) | 2. W | Smart Key Control Module (GND) |
|-------|--------------------------------|------|--------------------------------|

R24 Rear Fog Lamp LH

- 3 Female / Gray (KUM_NDWP_03F_GR)



- | | | | |
|------|--|------|---------------|
| 1. G | ICM Relay Box
(Rear Fog Lamp Relay) | 3. B | Ground (GF03) |
| 2. W | BCM (Turn & Hazard Lamp Output) | | |

REAR BUMPER HARNESS

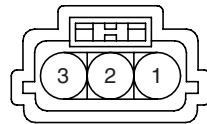
Rear Bumper Harness (2)

CV53-2

R25

Rear Fog Lamp RH

- 3 Female / Gray (KUM_NDWP_03F_GR)



- | | | | |
|--------|--|------|---------------|
| 1. G | ICM Relay Box
(Rear Fog Lamp Relay) | 3. B | Ground (GF03) |
| 2. W/B | BCM (Turn & Hazard Lamp Output) | | |



SUNROOF EXT. HARNESS

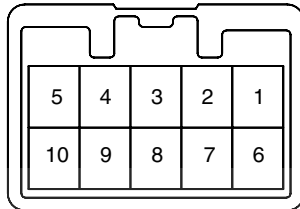
E7F4D12A

Sunroof EXT. Harness (1)

CV54-1

R31 Sunroof Motor

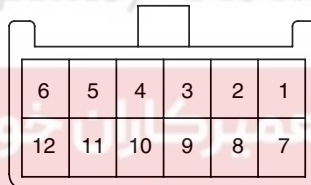
- 10 Female / N/A (YAZAKI_7283_6455_40)



- | | | | |
|---------|---|---------|---|
| 1. B | Ground (GM02),
Sunroof Control Module (Ground) | 6. Y/O | I/P Junction Box (Fuse - F06),
Sunroof Control Module (B+) |
| 2. - | - | 7. - | - |
| 3. R | I/P Junction Box (Fuse - F32) | 8. P | Vehicle Speed Signal |
| 4. Br/B | Sunroof Switch (Close/Tilt Down) | 9. - | - |
| 5. G/O | Sunroof Switch (Open) | 10. L/B | Sunroof Switch (Tilt Up) |

R32 Sunroof Control Module

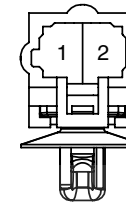
- 12 Female / N/A (KET_MG610376)



- | | | | |
|--------|---|--------|------------------------------|
| 1. - | - | 7. - | - |
| 2. B | Ground (GM02),
Sunroof Motor (Ground) | 8. - | - |
| 3. R/B | Driver Door Switch Signal | 9. Y/O | Sunroof Motor (B+) |
| 4. O | [W/O Smart Key]
BCM, Door Warning Switch
[With Smart Key]
Fob Holder, Smart Key Control Module | 10. O | Sunroof Push Switch (GS IN) |
| 5. W | I/P Junction Box (Fuse - F28) | 11. P | Sunroof Push Switch (GS OUT) |
| 6. - | - | 12. - | - |

R33 Sunroof Push Switch

- 2 Male / N/A (KET_MG641029(L))



- | | | | |
|------|---------------------------------|------|--------------------------------|
| 1. P | Sunroof Control Module (GS OUT) | 2. O | Sunroof Control Module (GS IN) |
|------|---------------------------------|------|--------------------------------|

BATTERY HARNESS E5470EFA

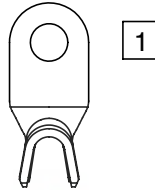
Battery Harness (1)

CV60-1

G4KD/G4KE : THETA II 2.0L/2.4L

E11 Start Motor

- 1 Female / N/A (CHT_919312B310_01F)



1. B Battery

E12 Start Solenoid

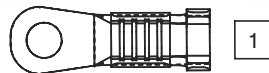
- 1 Female / Gray (KET_58X_01F_GR)



1. L E/R Fuse & Relay Box - RLY. 4

E13 Alternator

- 1 Female / N/A (TAE_919803K100_01F_N)



1. B Battery & Battery Fuse Box - Fuse ALT 150A

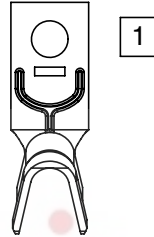
BATTERY HARNESS

Battery Harness (2)

CV60-2

D4HA : R 2.0L**E21 Start Motor**

- 1 Female / N/A (CHT_919901H050_01F)



1. B Battery

E22 Start Solenoid

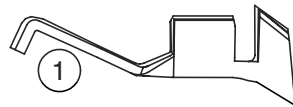
- 1 Female / Gray (KET_58X_01F_GR)



1. L E/R Fuse & Relay Box - RLY. 4

E23 Alternator

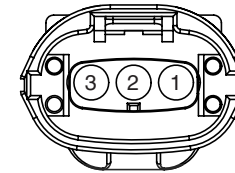
- 1 Female / N/A (TML_ALT_GSL_HD)



1. B Battery & Battery Fuse Box - Fuse ALT 180A

E24 Alternator

- 3 Female / Gray (KET_090IWP_03F_GR_3)

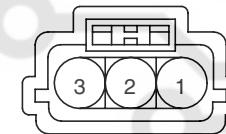


1. — —
 2. G I/P JUNCTION BOX (Diode)
 Charge IND.

3. — —

E25 A/C Compressor

- 3 Female / Gray (KUM_NDWP_03F_GR)



1. Y EMS Box (RLY. 3)
 2. L A/C Control Module
 (Electrical Control Valve (-))

3. Gr A/C Control Module
 (Electrical Control Valve (+))

SEAT HARNESS

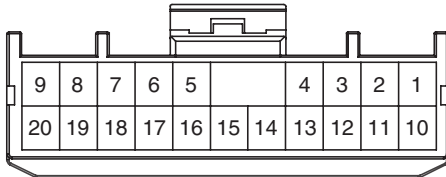
ECBBD82A

Seat Harness (1)

CV70-1

S01 Driver Seat Manual Switch (LHD)

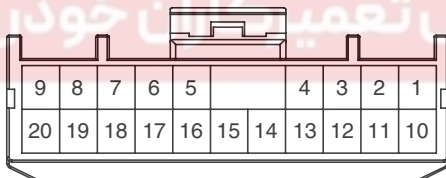
- 20 Female / N/A (AMP_070_20F)



1. Br	Driver Lumbar Support Motor (RR)	11. Y/R	Driver Reclining Motor (FR)
2. B	Ground (GF01)	12. Gr	Driver Reclining Limit Switch (FR)
3. L/R	Driver Slide Motor (FR)	13. G	Driver Reclining Motor (RR)
4. R/B	Driver Slide Motor (RR)	14. —	—
5. B	Ground (GF01)	15. R	I/P Junction Box - Fuse F4
6. G/R	Driver Height Motor (Down)	16. L/W	Driver Lumbar Support Motor (FR)
7. L/Y	Driver Height Motor (Up)	17. B	Ground (GF01)
8. B	Ground (GF01)	18. —	—
9. —	—	19. —	—
10. Y	Driver Reclining Limit Switch (RR)	20. —	—

S01R Driver Seat Manual Switch (RHD)

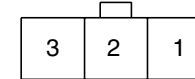
- 20 Female / N/A (AMP_070_20F)



1. —	—	11. G/R	Driver Height Motor (Up)
2. B	Ground (GF01)	12. Y	Driver Reclining Limit Switch (FR)
3. B	Ground (GF01)	13. R	I/P Junction Box - Fuse F4
4. L/Y	Driver Height Motor (Down)	14. B	Ground (GF01)
5. L/R	Driver Slide Motor (RR)	15. G	Driver Reclining Motor (RR)
6. B	Ground (GF01)	16. R/B	Driver Slide Motor (FR)
7. Y/R	Driver Reclining Motor (FR)	17. Gr	Driver Reclining Limit Switch (RR)
8. —	—	18. —	—
9. L/W	Driver Lumbar Support Motor (RR)	19. —	—
10. —	—	20. Br	Driver Lumbar Support Motor (FR)

S02 Driver Reclining Limit Switch (LHD)

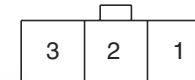
- 3 Female / N/A (KET_0902_03F)



1. Y	Driver Seat Manual Switch (RR)	3. B	Ground (GF01)
2. Gr	Driver Seat Manual Switch (FR)		

S02R Driver Reclining Limit Switch (RHD)

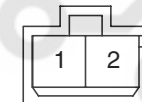
- 3 Female / N/A (KET_0902_03F)



1. Gr	Driver Seat Manual Switch (RR)	3. B	Ground (GF01)
2. Y	Driver Seat Manual Switch (FR)		

S03 Driver Reclining Motor (LHD)

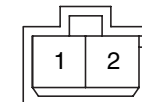
- 2 Male / N/A (KET_090II_02M)



1. G	Driver Seat Manual Switch (RR)	2. Y/R	Driver Seat Manual Switch (FR)
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S03R Driver Reclining Motor (RHD)

- 2 Male / N/A (KET_090II_02M)



1. G	Driver Seat Manual Switch (RR)	2. Y/R	Driver Seat Manual Switch (FR)
------	--------------------------------	--------	--------------------------------

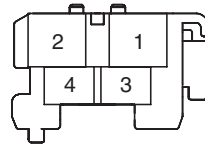
SEAT HARNESS

Seat Harness (2)

CV70-2

S04 Front Height Motor (LHD)

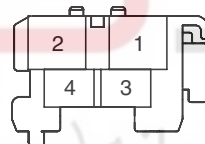
- 4 Female / N/A (AMP_JPMT_04F)



- | | | | |
|--------|----------------------------------|------|---|
| 1. L/Y | Driver Seat Manual Switch (Up) | 3. — | — |
| 2. G/R | Driver Seat Manual Switch (Down) | 4. — | — |

S04R Front Height Motor (RHD)

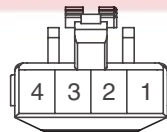
- 4 Female / N/A (AMP_JPMT_04F)



- | | | | |
|--------|----------------------------------|------|---|
| 1. G/R | Driver Seat Manual Switch (Up) | 3. — | — |
| 2. L/Y | Driver Seat Manual Switch (Down) | 4. — | — |

S05 Driver Slide Motor (LHD)

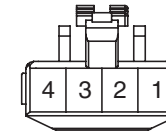
- 4 Female / N/A (KET_090-2_04F)



- | | | | |
|--------|--------------------------------|--------|--------------------------------|
| 1. L/R | Driver Seat Manual Switch (FR) | 3. — | — |
| 2. — | — | 4. R/B | Driver Seat Manual Switch (RR) |

S05R Driver Slide Motor (RHD)

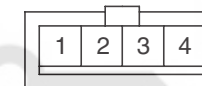
- 4 Female / N/A (KET_090-2_04F)



- | | | | |
|--------|--------------------------------|--------|--------------------------------|
| 1. R/B | Driver Seat Manual Switch (FR) | 3. — | — |
| 2. — | — | 4. L/R | Driver Seat Manual Switch (RR) |

S06 Front Cushion Warmer LH (W/O CCS)

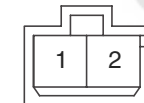
- 4 Male / N/A (KET_090-2_04M)



- | | | | |
|--------|----------------------------------|--------|---|
| 1. B/W | Driver Seat Warmer Switch (IND.) | 3. Y | Driver Seat Warmer Switch (Low Switch) |
| 2. B/R | Ground (GF01) | 4. R/W | Driver Seat Warmer Switch (High Switch) |

S07 Driver Lumbar Support Switch (LHD)

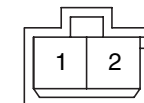
- 2 Male / N/A (KET_090II_02M)



- | | | | |
|--------|--------------------------------|-------|--------------------------------|
| 1. L/W | Driver Seat Manual Switch (FR) | 2. Br | Driver Seat Manual Switch (RR) |
|--------|--------------------------------|-------|--------------------------------|

S07R Driver Lumbar Support Switch (RHD)

- 2 Male / N/A (KET_090II_02M)



- | | | | |
|-------|--------------------------------|--------|--------------------------------|
| 1. Br | Driver Seat Manual Switch (FR) | 2. L/W | Driver Seat Manual Switch (RR) |
|-------|--------------------------------|--------|--------------------------------|

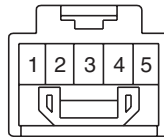
SEAT HARNESS

Seat Harness (3)

CV70-3

S08 Driver CCS Blower Motor (With CCS)

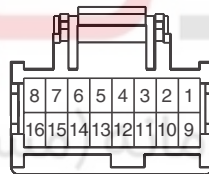
- 5 Male / N/A (040-III_5M)



- | | | | |
|--------|-----------------------------------|------|--------------------------------|
| 1. — | — | 4. Y | Driver CCS Module (Blower (+)) |
| 2. Y/O | Driver CCS Module (Blower (-)) | 5. — | — |
| 3. Lg | Driver CCS Module (Speed Control) | | |

S09 Driver CCS Control Module (With CCS)

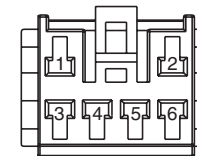
- 16 Female / N/A (060_WTOW_16)



- | | | | |
|--------|--|---------|---|
| 1. L | Driver CCS Cushion Warmer (HTD MAT1) | 9. — | — |
| 2. B | Ground (GF03) | 10. Lg | Driver CCS Blower Motor (Speed Control) |
| 3. G | Driver CCS Cushion Warmer (HTD MAT2) | 11. Br | Driver CCS Switch (Heat_High) |
| 4. W | I/P Junction Box - Fuse F29 | 12. Y/B | Driver CCS Switch (Heat_Low) |
| 5. Y/O | Driver CCS Blower Motor (Blower (-)) | 13. G/O | Driver CCS Switch (Cool_High) |
| 6. Y | Driver CCS Blower Motor (Blower (+)) | 14. W/L | Driver CCS Switch (Cool_Low) |
| 7. Y/G | Driver CCS Switch (Heat Switch Signal) | 15. W/Y | Driver CCS Cushion Warmer (NTC) |
| 8. Y/L | Driver CCS Switch (Cool Switch Signal) | 16. W/G | Driver CCS Cushion Warmer (NTC GND) |

S10 Driver CCS Cushion Warmer (With CCS)

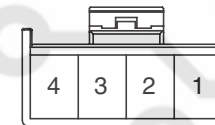
- 6 Male / N/A (KET_060_06M)



- | | | | |
|--------|-----------------------------|--------|------------------------------|
| 1. W/G | Driver CCS Module (NTC (-)) | 4. L | Driver CCS Module (HTD MAT1) |
| 2. — | — | 5. G | Driver CCS Module (HTD MAT2) |
| 3. W/Y | Driver CCS Module (NTC (+)) | 6. R/L | I/P Junction Box - Fuse F10 |

S11 Driver Seat Manual Switch

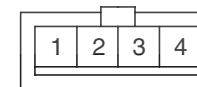
- 4 Female / N/A (AMP_070_04F)



- | | | | |
|--------|-------------------------------------|--------|--|
| 1. B/W | Passenger Seat Warmer Switch (IND.) | 3. Y | Passenger Seat Warmer Switch (Low Switch) |
| 2. B/R | Ground (GF06) | 4. R/W | Passenger Seat Warmer Switch (High Switch) |

S16 Front Cushion Warmer RH (W/O CCS)

- 4 Male / N/A (KET_090-2_04M)



- | | | | |
|--------|-------------------------------------|--------|--|
| 1. B/W | Passenger Seat Warmer Switch (IND.) | 3. Y | Passenger Seat Warmer Switch (Low Switch) |
| 2. B/R | Ground (GF06) | 4. R/W | Passenger Seat Warmer Switch (High Switch) |

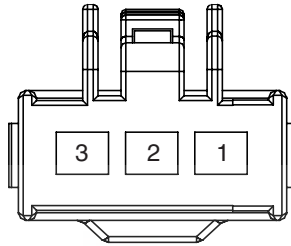
I/P JUNCTION BOX E6A68DA1

I/P Junction Box (1)

CV80-1

I/P-A I/P Junction Box

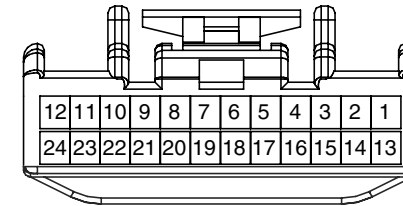
- 3 Female / Black (KET_312II_03F_B)



- | | | | |
|------|---|------|---|
| 1. R | E/R Fuse & Relay Box - F8 60A
(Multi Fuse) | 3. L | E/R Fuse & Relay Box - F2 60A
(Multi Fuse) |
| 2. W | E/R Fuse & Relay Box - F7 60A | | |

I/P-B I/P Junction Box

- 24 Female / N/A (KET_025_24F_)



- | | | | |
|-------|--|----------|--|
| 1. P | Fuse F20 :
[W/O Smart Key -
W/O Burglar Alarm]
E/R Fuse & Relay Box - RLY. 4
[With Smart Key - M/T]
E/R Fuse & Relay Box - RLY. 4
[With Smart Key - A/T]
E/R Fuse & Relay Box - RLY. 11 | 13. P | [W/O Smart Key -
With Burglar Alarm]
Burglar Alarm Relay :
E/R Fuse & Relay Box - RLY. 4
Fuse F29 : Alternator |
| 2. W | Fuse F21 :
[G4KD/G4KE] Stop Lamp Switch
Fuse F21 : Head Lamp Leveling
Device Actuator LH/RH | 14. G | — |
| 3. Y | BCM : Head Lamp RH,
Side Repeater Lamp RH | 15. — | — |
| 4. W | BCM : Head Lamp LH,
Side Repeater Lamp LH | 16. Br/O | IPS Control Module :
Brake Fluid Level Sensor |
| 5. Y | Fuse F32 :
E/R Fuse & Relay Box - RLY. 1 | 17. W | [M/T]
IPS Control Module :
Back-Up Lamp Switch |
| 6. O | — | 18. R/B | IPS Control Module :
Hood Switch |
| 7. — | — | 19. R | IPS Control Module :
ESP Control Module |
| 8. — | — | 20. — | — |
| 9. L | PS Control Module :
E/R Fuse & Relay Box - RLY. 10 | 21. — | — |
| 10. Y | IPS2 : Head Lamp RH | 22. W | IPS Control Module :
E/R Fuse & Relay Box - RLY. 5 |
| 11. G | IPS7 : Head Lamp LH | 23. G/O | PS Control Module :
E/R Fuse & Relay Box - RLY. 6 |
| 12. P | IPS9 : Head Lamp LH | 24. P | IPS8 : Head Lamp RH |

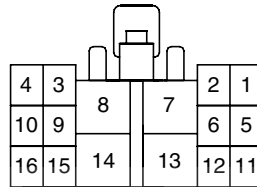
I/P JUNCTION BOX

I/P Junction Box (2)

CV80-2

I/P-C I/P Junction Box

- 16 Female / White (KET_1809_16F_W)



- | | | | |
|-------|--------------------------------|-------|-------------------------------|
| 1. O | IPS2 : Head Lamp RH | 9. — | — |
| 2. Gr | IPS0 : Head Lamp RH, | 10. R | Fuse F22 : |
| 3. | Fuse F25 : | | E/R Fuse & Relay Box |
| Y | Front Wiper Motor, | | (Fuse - F23, F24, F25) |
| | E/R Fuse & Relay Box - RLY. 12 | 11. — | — |
| Br | E/R Fuse & Relay Box - RLY. 13 | 12. — | — |
| 4. Gr | IPS4 : Head Lamp LH | 13. — | — |
| 5. — | — | 14. W | Fuse F37 : |
| 6. — | — | | E/R Fuse & Relay Box - RLY. 1 |
| 7. — | — | 15. L | IPS6 : Front Fog Lamp LH/RH |
| 8. P | Fuse F38 : | 16. O | IPS5 : Head Lamp LH |
| | E/R Fuse & Relay Box - RLY. 6 | | |



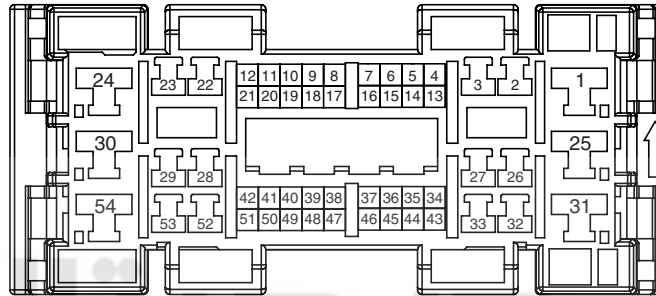
I/P JUNCTION BOX

I/P Junction Box (3)

CV80-3

I/P-D I/P Junction Box

- 54 Female / White (KET_HYBRID_54F_W)



1. —	—	15. Gr/O	IPS Control Module : Parking Brake Switch (Hand/Foot Type)	30. R	Fuse F4 : Driver Seat Manual Switch	43. W/B	IPS Control Module : ICM Relay Box (Rear Wiper Relay)
2. L	Tail Gate Relay : Tail Gate Latch	16. W	IPS Control Module : Tail Gate Latch	31. P	E/R Fuse & Relay Box - RLY. 6 :	44. R/B	Fuse F21 : 4WD ECM
3. L/B	Fuse F38 : Driver/Passenger Power Outside Mirror (Defogger)	17. Gr/B	IPS Control Module : Rear Door Switch RH	32. R	Rear Defogger (+) Fuse F33 : Rear Power Outlet	45. G	Fuse F28 : Sunroof Control Module, AMP Power Outside Mirror Switch
4. B	IPS Control Module : Rear Door Lock Actuator RH (Door Lock/Unlock)	18. Gr/B	IPS Control Module : Power Window Main Switch (Door Lock Switch)	33. L	Fuse F31 : Rear Wiper Mirror	46. W	BCM : Rear Fog Lamp LH, [LHD] Driver Power Outside Mirror (Turn Lamp) [RHD] Passenger Power Outside Mirror (Turn Lamp)
5. R	IPS Control Module : Rear Door Lock Actuator LH (Door Lock/Unlock)	19. O	IPS Control Module : Driver Seat Belt Buckle Switch	34. G	IPS7 : License Lamp (Tail Gate Handle Switch) Rear Combination Lamp (IN/OUT) LH	47. W/B	BCM : Rear Fog Lamp RH, [LHD] Passenger Power Outside Mirror (Turn Lamp) [RHD] Driver Power Outside Mirror (Turn Lamp)
6. W	IPS Control Module : Passenger Door Lock Actuator (Door Lock/Unlock)	20. L/B	IPS Control Module : Seat Belt Reminder Sensor	35. L	Fuse F21 : ATM Shift Lever ILL.	48. W	Fuse F8 : ATM Shift Lever
7. Gr	IPS Control Module : Driver Door Lock Actuator (Door Lock/Unlock)	21. —	—	36. R	IPS Control Module : Driver Door Lock Actuator (Key Unlock)	49. Y	Fuse F5 : Power Outside Mirror Switch
8. Y/B	IPS Control Module : Rear Door Switch LH	22. O	Door Lock Relay : Rear Door Lock Actuator LH/RH, Driver/Passenger Door Lock Actuator Door Unlock Relay :	37. Br	IPS Control Module : Passenger Door Lock Actuator (Key Lock)	50. G	Fuse F13 : Diode, Luggage Lamp
9. P/B	IPS Control Module : Passenger Door Switch	23. L	Rear Door Lock Actuator LH/RH, Driver/Passenger Door Lock Actuator	38. R	IPS3 : Power Window Switch, Passenger Power Window Switch, Rear Seat Warmer Switch LH/RH	51. Y	IPS2 : Rear Combination Lamp (IN/OUT) RH
10. G/O	IPS Control Module : Driver Door Switch, Sunroof Control Module	24. Y	Fuse F3 : Driver Safety Power Window Module	39. B	Rear Power Window Switch LH/RH ATM Shift Lever ILL.	52. R	Fuse F12 : Rear Power Window Switch LH
11. —	—	25. —	—	40. L/B	IPS Control Module : Power Window Main Switch (Door Lock Switch)	53. R	Fuse F11 : Power Window Main Switch, [LHD] Passenger Power Window Switch
12. —	—	26. —	—	41. —	—	54. R	Fuse F7 : AMP
13. Y/B	IPS Control Module : Tail Gate Handle Switch, Smart Key Control Module	27. R	IPS10 : Rear Combination Lamp (IN) LH/RH	42. —	—		
14. Br	IPS Control Module : Driver Door Lock Actuator (Key Lock)	28. O	Fuse F11 : Power Window Main Switch, [RHD] Passenger Power Window Switch				
		29. R	Fuse F11 : Rear Power Window Switch RH				

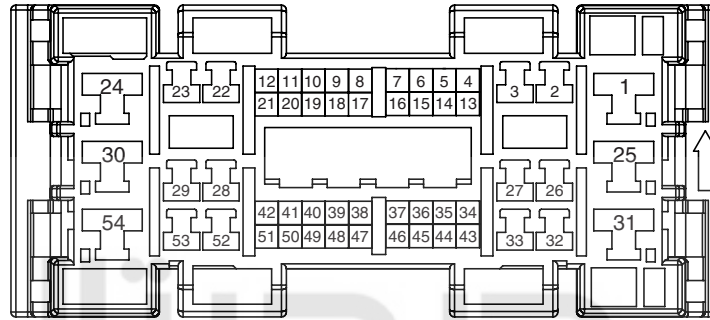
I/P JUNCTION BOX

I/P Junction Box (4)

CV80-4

I/P-E I/P Junction Box

- 54 Female / White (KET_HYBRID_54F_W)



1. W	Fuse F20 : [W/O Smart Key] Ignition Switch	15. R	Fuse F14 : [With Smart Key] Start/Stop Button Switch	31. L	Fuse F30 : [With Smart Key] PDM Relay Box (IG2 Relay)	44. P	Fuse F37 : [Auto A/C] A/C Control Module
R	[With Smart Key] Smart Key Control Module	16. R	Fuse F21 : EPS Control Module		[W/O Smart Key] Ignition Switch	45. —	—
2. R	Fuse F31 : Multifunction Switch, ICM Relay Box (Rear Wiper Relay)	17. —	—	32. L	Fuse F26 : Front Power Outlet RH	46. O	Fuse F32 : Cluster Ionizer, A/C Control Module
3. Y	Fuse F25 : Multifunction Switch	18. P	Fuse F21 : Head Lamp Leveling Device Switch	33. G	Fuse F33 : Front Power Outlet, Front Cigarette Lighter LH		Sunroof Motor, Rain Sensor
4. —	—	19. P	Turn Lamp RH : BCM		Fuse F23 : Instrument Cluster		Elxctro Chromic Mirror
5. G	Fuse F5 : Driver CCS Switch, Multipurpose Check Connector, Data Link Connector	20. —	—	34. L/O	Fuse F29 : Instrument Cluster		Diesel Box - RLY. 3
6. R/B	Fuse F14 : [With Smart Key] Fob Holder	21. —	—	35. Gr	—	47. —	—
7. P	Turn Lamp RH : BCM	22. —	—	36. —	—	48. G	Fuse F38 : A/C Control Module
8. W	Turn Lamp LH : BCM	23. —	—	37. —	—	49. Y/B	IPS Control Module : ICM Relay Box (Dead Lock Relay)
9. —	Fuse F8 : [W/O Smart Key & A/T] Key Solenoid	24. R	Blower Relay : Blower Motor	38. —	—	50. R	IPS10 : Electro Chromic Mirror
		25. L	Fuse F24 : [With Smart Key] PDM Relay Box (IG1 Relay)	39. —	—	51. —	—
		G	[W/O Smart Key] Ignition Switch	40. L	IPS Control Module : Multifunction Switch, BCM	52. R	IPS Control Module : B-CAN (Low)
10. —	—	26. Br	Fuse F28 : Digital Clock, Audio	41. —	—	53. L	IPS Control Module : B-CAN (High)
11. R/O	IPS3 : Joint Connector (ILL+)	27. L/O	Fuse F27 : Smart Key Control Module, BCM	42. —	—	54. W	Fuse F27 : [With Smart Key] PDM Relay Box (ACC Relay)
12. W	Turn Lamp LH : BCM		IPS Control Module : Ground (GM01)	43. G	Fuse F24 : Smart Key Control Module		[W/O Smart Key] Ignition Switch
13. P	Fuse F29 : Digital Clock, Telltale Lamp	28. B	IPS Control Module : Ground (GM02)				
14. Y	Fuse F5 : Rear Parking Assist Buzzer	29. B					
		30. —	—				

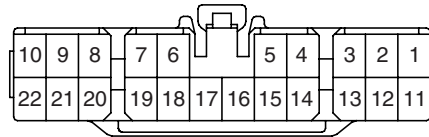
I/P JUNCTION BOX

I/P Junction Box (5)

CV80-5

I/P-F I/P Junction Box

- 22 Female / White (KET_090II_22F_W)



- | | | | |
|---------|---|---------|--|
| 1. R | Fuse F1 (Power Connector) : Audio | 12. — | — |
| 2. Gr/O | Fuse F34 : Instrument Cluster, Driver CCS Control Module, Driver/Passenger Seat Warmer Switch | 13. R/O | Fuse F10 : Smart Key Control Module |
| 3. P | Fuse F34 : BCM, A/C Control Module | 14. R | Fuse F35 : Driver/Passenger Seat Warmer Switch |
| 4. — | — | 15. Br | ICM Relay Box (Dead Lock Relay) |
| 5. G | Fuse F2 (Power Connector) : RF Receiver | 16. O | Fuse F36 : Rear Seat Warmer Switch LH/RH |
| 6. B | Door Lock/Unlock Relay : Ground (GM02) | 17. Br | Fuse F16 : BCM |
| 7. R | Fuse F10 : Driver CCS Control Module | 18. W | Fuse F30 : BCM, Smart Key Control Module |
| 8. R | Fuse F6 : Sunroof Motor | 19. R | Fuse F17 : ICM Relay Box (Rear Fog Lamp Relay) |
| 9. G | Fuse F13 : Map Lamp, Room Lamp, Driver/Passenger Vanity Lamp | 20. — | — |
| 10. G | Fuse F13 : Instrument Cluster, A/C Control Module, Ignition Key ILL. & Door Warning Switch | 21. R | Fuse F13 : BCM, Digital Clock |
| 11. R | Fuse F34 : SRS Control Module | 22. R | Fuse F19 : Smart Key Control Module |

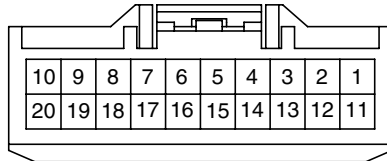
EMS (ENGINE MANAGEMENT SYSTEM) BOX E95EB64F

EMS (Engine Management System) Box (1)

CV81-1

E/R-CHGA EMS Box (G4KD/G4KE)

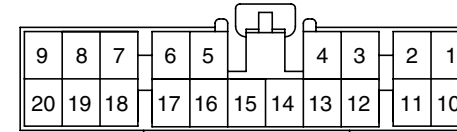
- 20 Female / White (AMP_090III_20F_W)



- | | | | |
|-------|--------------------------------------|-------|----------------------------|
| 1. Y | EMS Box - RLY. 3 :
A/C Compressor | 11. — | — |
| 2. Br | EMS Box - RLY. 3 : PCM | 12. L | EMS Box - F8 : Injector #1 |
| 3. O | EMS Box - F8 : Injector #4 | 13. P | EMS Box - F8 : Injector #3 |
| 4. — | — | 14. — | — |
| 5. W | EMS Box - F5 : Ignition Coil #4 | 15. O | EMS Box - F8 : Injector #2 |
| 6. — | — | 16. — | — |
| 7. L | EMS Box - F5 : Ignition Coil #2 | 17. — | — |
| 8. P | EMS Box - F5 : Ignition Coil #1 | 18. P | EMS Box - F5 : Condenser |
| 9. G | EMS Box - F5 : Ignition Coil #3 | 19. — | — |
| 10. — | — | 20. L | EMS Box - RLY. 1 : PCM |

E/R-CHGK EMS Box (G4KD/G4KE)

- 20 Female / White (KET_090III_20F_W)



- | | | | |
|---------|---|--------|--|
| 1. R | EMS Box - F4 : [W/O Smart Key]
Immobilizer Module | 11. — | — |
| 2. G | EMS Box - F4 :
Camshaft Position Sensor #1/#2,
Canister Purge Control Solenoid
Valve | 12. W | EMS Box - F4 :
Oil Control Valve #1/#2 |
| 3. Gr/B | EMS Box - F4 :
Crankshaft Position Sensor
Variable Intake Manifold Valve | 13. — | — |
| 4. G | EMS Box - F2 : PCM | 14. Gr | EMS Box - F7 :
E/F Fuse & Relay Box - RLY. 3 |
| 5. P | EMS Box - F7 : [W/O Euro V]
Oxygen Sensor (Up) | 15. P | EMS Box - F7 : [With Euro V]
Oxygen Sensor (Up) |
| 6. — | — | 16. O | EMS Box - F7 :
Oxygen Sensor (Down) |
| 7. — | — | 17. G | EMS Box - F7 : PCM |
| 8. — | — | 18. — | — |
| 9. P | EMS Box - RLY. 2 :
Fuel Sender & Fuel Pump Motor | 19. — | — |
| 10. L | EMS Box - RLY. 1 : PCM | 20. G | EMS Box - RLY. 2 : PCM |

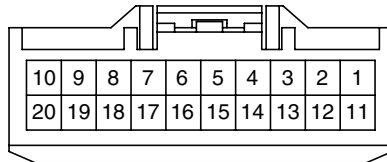
EMS (ENGINE MANAGEMENT SYSTEM) BOX

EMS (Engine Management System) BOX (2)

CV81-2

E/R-CRDA EMS Box (D4HA)

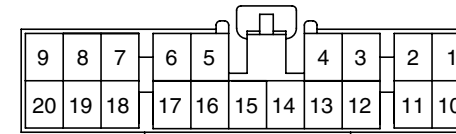
- 20 Female / White (AMP_090III_20F_W)



- | | | | |
|-------|--------------------------------------|-------|--|
| 1. Y | EMS Box - RLY. 3 :
A/C Compressor | 11. — | — |
| 2. Br | EMS Box - RLY. 3 : ECM | 12. — | — |
| 3. — | — | 13. O | EMS Box - F8 :
Crankshaft Position Sensor |
| 4. W | EMS Box - F9 : Stop Lamp Switch | 14. — | — |
| 5. R | EMS Box - F5 : ECM | 15. P | EMS Box - F8 : Lambda Sensor |
| 6. — | — | 16. — | — |
| 7. R | EMS Box - F5 : ECM | 17. — | — |
| 8. — | — | 18. — | — |
| 9. W | EMS Box - F5 : ECM | 19. — | — |
| 10. — | — | 20. — | — |

E/R-CRDK EMS Box (D4HA)

- 20 Female / White (KET_090III_20F_W)



- | | | | |
|-------|---|--------|--|
| 1. R | EMS Box - F4 : Immobilizer Module,
E/R Fuse & Relay Box - RLY. 3 | 11. — | — |
| 2. G | EMS Box - F4 :
EGR Cooling Bypass Solenoid Valve | 12. P | EMS Box - F4 :
Electrical VGT Actuator |
| 3. O | EMS Box - F4 : Diesel Box -RLY. 1 | 13. — | — |
| 4. G | EMS Box - F2 : TCM | 14. Gr | EMS Box - F7 : [W/O Smart Key]
Immobilizer Module |
| 5. — | — | 15. P | EMS Box - F7 :
Rail Pressure Regulator Valve |
| 6. — | — | 16. G | EMS Box - F7 :
Fuel Pressure Regulating Valve |
| 7. — | — | 17. — | — |
| 8. — | — | 18. — | — |
| 9. P | EMS Box - RLY. 2 :
Fuel Sender & Fuel Pump Motor | 19. — | — |
| 10. L | EMS Box - RLY. 1 : ECM | 20. G | EMS Box - RLY. 2 : ECM |

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

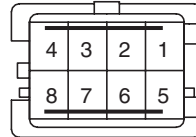
JOINT CONNECTOR EDEC0C11

Joint Connector (1)

CV82-1

JC01 Joint Connector (G4KD/G4KE) (C-CAN)

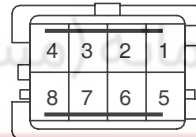
- 8 Female / White (KET_070_08F_W_JCH)



- | | | | |
|------|---|------|--|
| 1. O | C - CAN (Low) :
ABS/ESP Control Module | 5. G | C - CAN (High) :
ABS/ESP Control Module |
| 2. O | C - CAN (Low) : PCM | 6. G | C - CAN (High) : PCM |
| 3. O | C - CAN (Low) :
Multipurpose Check Connector | 7. G | C - CAN (High) :
Multipurpose Check Connector |
| 4. — | — | 8. — | — |

JC01 Joint Connector (D4HA) (C-CAN)

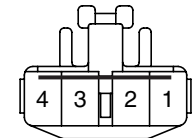
- 8 Female / White (KET_070_08F_W_JCH)



- | | | | |
|------|--|------|--|
| 1. O | C - CAN (Low) :
ABS/ESP Control Module | 5. G | C - CAN (Low) :
ABS/ESP Control Module |
| 2. — | — | 6. — | — |
| 3. O | C - CAN (Low) : ECM,
Multipurpose Check Connector | 7. G | C - CAN (Low) : ECM,
Multipurpose Check Connector |
| 4. O | C - CAN (Low) : TCM | 8. G | C - CAN (Low) : TCM |

JC02 Joint Connector (G4KD/G4KE)

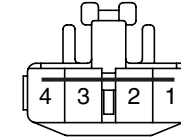
- 4 Female / White (KET_090III_04F_W)



- | | | | |
|--------|---|--------|---|
| 1. G/B | Stop Lamp Switch | 4. G/B | High-Mounted Stop Lamp,
Rear Combination Lamp
(Out) LH/RH |
| 2. G/B | PCM, ABS Control Module | | |
| 3. G/B | ESP ABS Control Module,
Smart Key Control Module | | |

JC02 Joint Connector (D4HA)

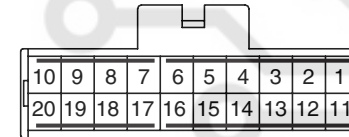
- 4 Female / White (KET_090III_04F_W)



- | | | | |
|--------|---|--------|---|
| 1. G/B | Stop Lamp Switch | 4. G/B | High-Mounted Stop Lamp,
Rear Combination Lamp
(Out) LH/RH |
| 2. G/B | PCM, ABS Control Module | | |
| 3. G/B | ESP ABS Control Module,
Smart Key Control Module | | |

JM01 Joint Connector (B/C-CAN)

- 20 Female / Black (KET_090II_20F_B_JCH)



- | | | | |
|-------|---|-------|---|
| 1. O | C - CAN (Low) :
Smart Key Control Module | 11. G | C - CAN (High) :
Smart Key Control Module |
| 2. O | C - CAN (Low) : 4WD ECM,
Data Link Connector | 12. G | C - CAN (High) : 4WD ECM,
Data Link Connector |
| 3. O | C - CAN (Low) : Instrument Cluster
EPS Control Module | 13. G | C - CAN (High) : Instrument Cluster
EPS Control Module |
| 4. O | C - CAN (Low) :
Steering Angle Sensor | 14. G | C - CAN (High) :
Steering Angle Sensor |
| 5. O | C - CAN (Low) : SRS Control Module | 15. G | C - CAN (High) :
SRS Control Module |
| 6. O | C - CAN (Low) : A/C Control Module,
ABS/ESP Control Module | 16. G | C - CAN (High) :
A/C Control Module,
ABS/ESP Control Module |
| 7. R | B - CAN (Low) : BCM | 17. L | B - CAN (High) : BCM |
| 8. R | B - CAN (Low) : Instrument Cluster | 18. L | B - CAN (High) : Instrument Cluster |
| 9. R | B - CAN (Low) :
Smart Key Control Module | 19. L | B - CAN (High) :
Smart Key Control Module |
| 10. R | B - CAN (Low) : I/P Junction Box
(IPS Control Module) | 20. L | B - CAN (High) : I/P Junction Box
(IPS Control Module) |

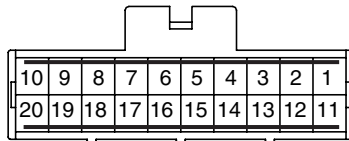
JOINT CONNECTOR

Joint Connector (2)

CV82-2

JM02 Joint Connector (ILL)

- 20 Female / Black (KET_090II_20F_B_JCH)



1. B	[W/O Rheostat]	11. R/O	I/P Junction Box (IPS 3)
	Ground (GM01)		ILL (+) : A/C Control Module
L/O	[With Rheostat]	12. R/O	ILL (+) : Audio
	Multi Switch (Rheostat)	13. R/O	ILL (+) : AUX & USB Jack, Glove Box Lamp
2. L/O	ILL (-) : Instrument Cluster, Audio	14. —	—
3. L/O	ILL (-) : A/C Control Module, ATM Shift Lever ILL.	15. R/O	Head Lamp Leveling Device Switch
4. L/O	ILL (-) : Hazard Switch, AUX & USB Jack	16. R/O	ILL (+) : Instrument Cluster
5. L/O	ILL (-) : Driver CCS Switch, Driver/Passenger Seat Warmer Switch	17. R/O	ILL (+) : Multifunction Switch
6. L/O	ILL (-) : Multifunction Switch	18. R/O	ILL (+) : Hazard Switch, Multi Switch (Rheostat)
7. L/O	ILL (-) : Head Lamp Leveling Device Switch	19. R/O	ILL (+) : Driver CCS Switch, Driver/Passenger Seat Warmer Switch, Digital Clock
8. L/O	ILL (-) : Digital Clock, Start/Stop Button Switch	20. —	—
9. —	—		
10. —	—		

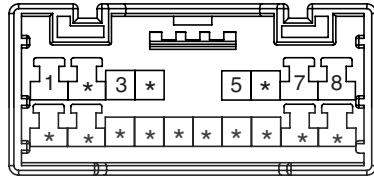
HARNESS CONNECTION ED36DDB1

Harness Connection (1)

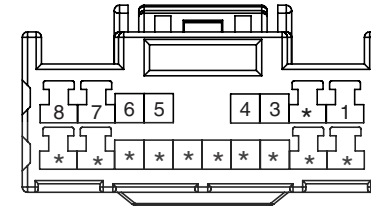
CV90-1

CB11 Control To Battery Harness Connection (D4HA)

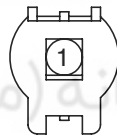
- 18 Male / White (KET_0409_18M_W)
- Control Harness



- 18 Female / White (KET_0409_18F_W)
- Battery Harness

**CB21 Control To Battery Harness Connection (G4KD/G4KE)**

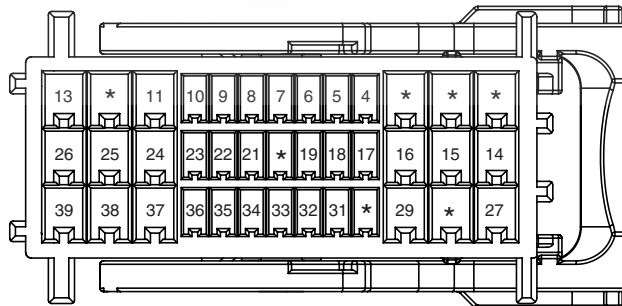
- 1 Male / Black (KUM_NMWP_01M_B)
- Control Harness



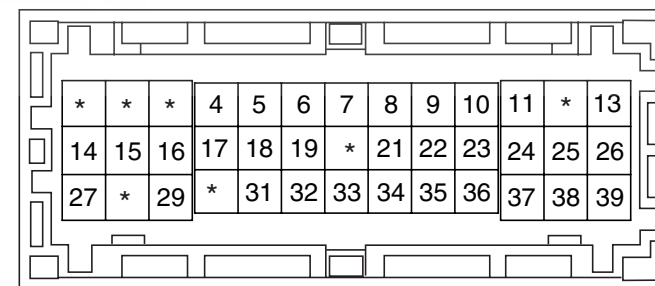
- 1 Female / Black (KUM_NMWP_01F_B)
- Battery Harness

**CC11 Control To TCU Harness Connection**

- 39 Female / Black (AMP_0409LIF_39F_B)
- Control Harness



- 39 Male / N/A (AMP_0409LIF_39M)
- TCU Harness



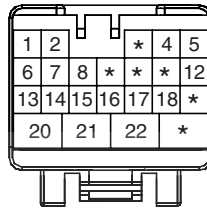
HARNESS CONNECTION

Harness Connection (2)

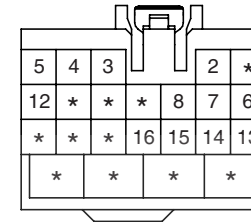
CV90-2

CF11 Control To Floor Harness Connection (G4KD/G4KE)

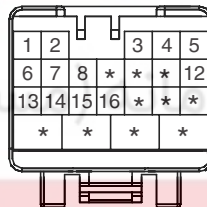
- 23 Male / N/A (KET_1809_23M_)
- Control Harness



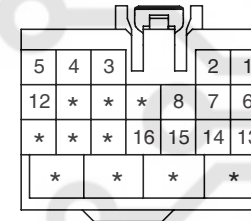
- 23 Female / N/A (KET_1809_23F_)
- Floor Harness

**CF11 Control To Floor Harness Connection (D4HA)**

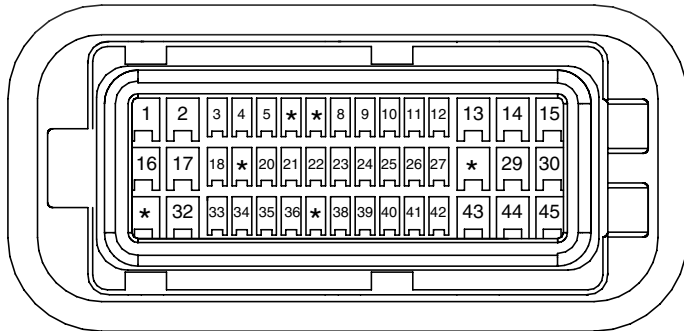
- 23 Male / N/A (KET_1809_23M_)
- Control Harness



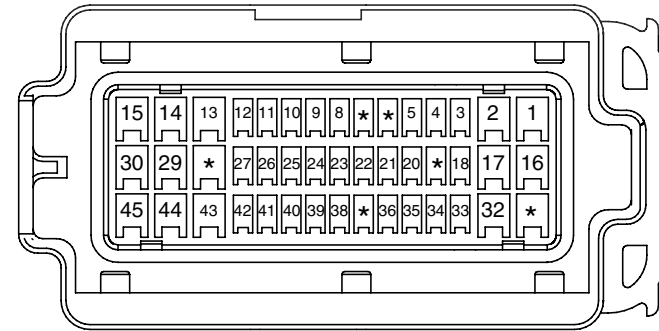
- 23 Female / N/A (KET_1809_23F_)
- Floor Harness

**FD11 Floor To Driver Door Harness Connection**

- 45 Male / Black (AMP_HBDD00R_45M_B)
- Floor Harness



- 45 Female / Black (AMP_HBDD00R_45F_B)
- Driver Door Harness



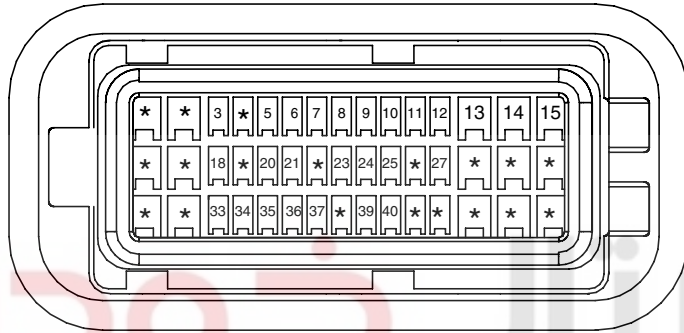
HARNESS CONNECTION

Harness Connection (3)

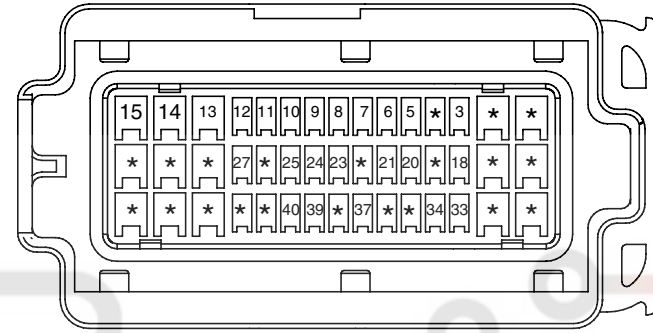
CV90-3

FD21 Floor To Passenger Door Harness Connection

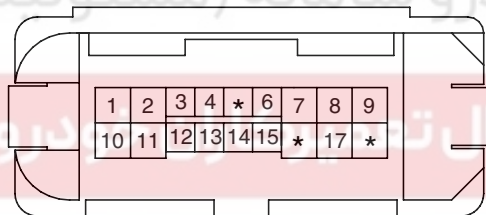
- 45 Male / Black (AMP_HBDD00R_45M_B)
- Floor Harness



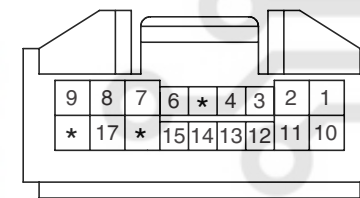
- 45 Female / Black (AMP_HBDD00R_45F_B)
- Passenger Door Harness

**FD31 Floor To Rear Door LH Harness Connection**

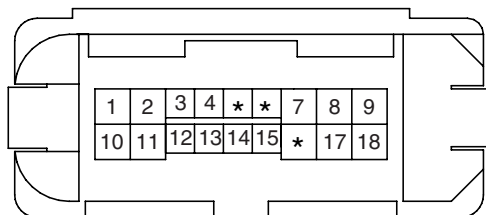
- 18 Male / White (AMP_DOOR_18M_W)
- Floor Harness



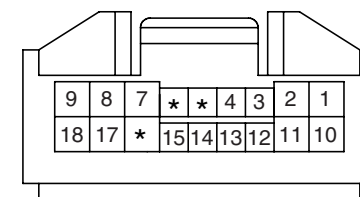
- 18 Female / White (AMP_DOOR_18F_W)
- Rear Door LH Harness

**FD41 Floor To Rear Door RH Harness Connection**

- 18 Male / White (AMP_DOOR_18M_W)
- Floor Harness



- 18 Female / White (AMP_DOOR_18F_W)
- Rear Door RH Harness



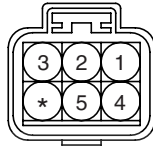
HARNESS CONNECTION

Harness Connection (4)

CV90-4

FF01 Floor To 4WD Harness Connection

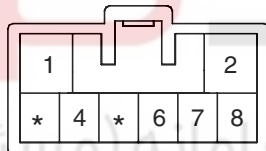
- 6 Female / Black (KUM_NMWP_06F_B)
- Floor Harness



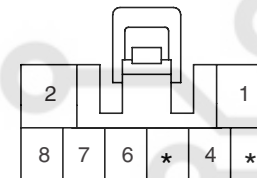
- 6 Male / Black (KUM_NMWP_06M_B)
- 4WD Harness

**FR11 Floor To Tail Gate Harness Connection**

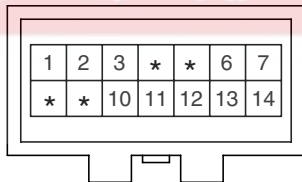
- 8 Male / Gray (KET_2507_08M_GR)
- Floor Harness



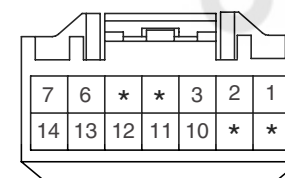
- 8 Female / Gray (KET_2507_08F_GR)
- Tail Gate Harness

**FR12 Floor To Tail Gate Harness Connection**

- 14 Male / White (AMP_090III_14M_W)
- Floor Harness



- 14 Female / White (AMP_090III_14F_W)
- Tail Gate Harness



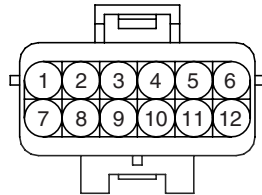
HARNESS CONNECTION

Harness Connection (5)

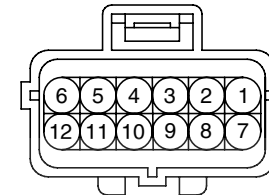
CV90-5

FR21 Floor To Rear Bumper Harness Connection

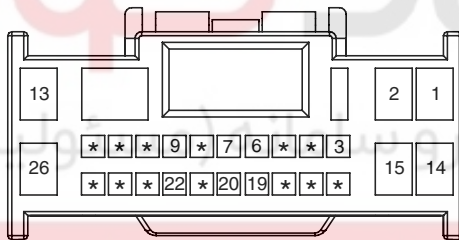
- 12 Male / Black (AMP_EJWP_12M_B)
- Floor Harness



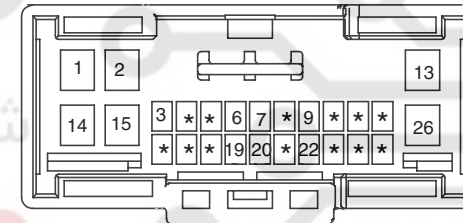
- 12 Female / Black (AMP_EJWP_12F_B)
- Rear Bumper Harness

**FS01 Floor To Driver Seat Harness Connection**

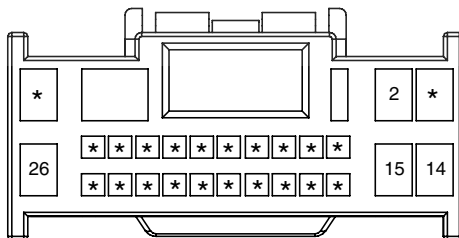
- 26 Female / White (KET_02509_26F_W)
- Floor Harness



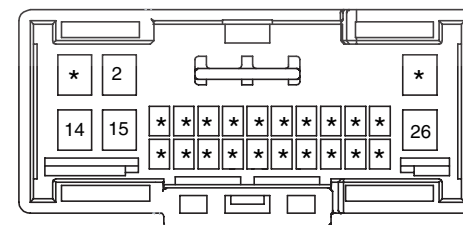
- 26 Male / White (KET_02509_26M_W)
- Driver Seat Harness

**FS02 Floor To Passenger Seat Harness Connection**

- 26 Female / White (KET_02509_26F_W)
- Floor Harness



- 26 Male / White (KET_02509_26M_W)
- Passenger Seat Harness



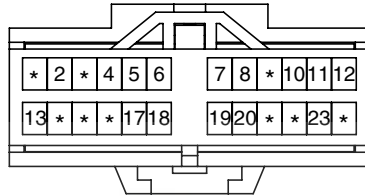
HARNESS CONNECTION

Harness Connection (6)

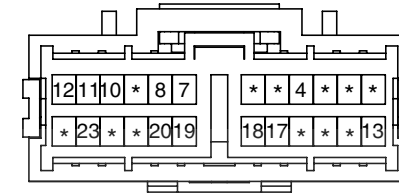
CV90-6

MC11 Main To Control Harness Connection (G4KD/G4KE)

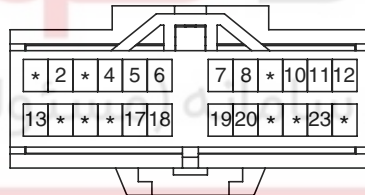
- 24 Male / Yellow (KUM_HSC_24M_Y)
- Main Harness



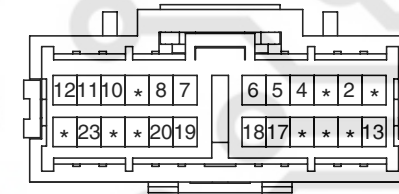
- 24 Female / Yellow (KUM_HSC_24F_Y)
- Control Harness

**MC11 Main To Control Harness Connection (D4HA)**

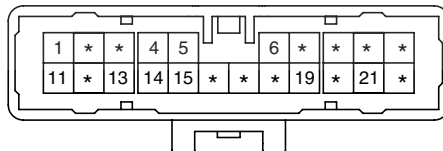
- 24 Male / Yellow (KUM_HSC_24M_Y)
- Main Harness



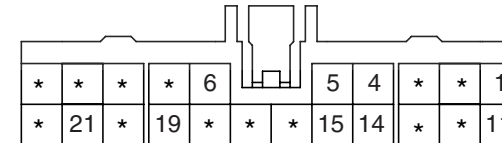
- 24 Female / Yellow (KUM_HSC_24F_Y)
- Control Harness

**MC21 Main To Control Harness Connection (G4KD/G4KE)**

- 22 Male / Blue (KET_090III_22M_L)
- Main Harness



- 22 Female / Blue (KET_090III_22F_L)
- Control Harness



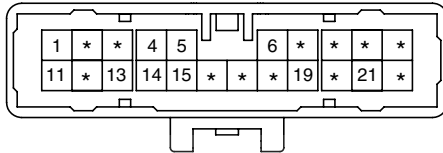
HARNESS CONNECTION

Harness Connection (7)

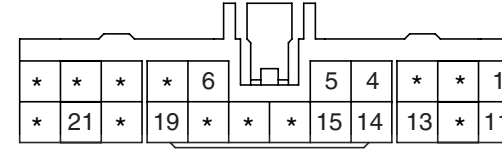
CV90-7

MC21 Main To Control Harness Connection (D4HA)

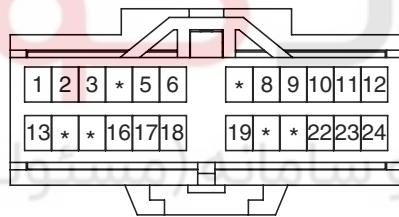
- 22 Male / Blue (KET_090III_22M_L)
- Main Harness



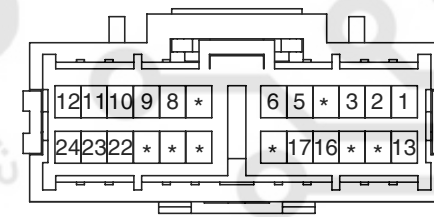
- 22 Female / Blue (KET_090III_22F_L)
- Control Harness

**MC31 Main To Control Harness Connection (G4KD/G4KE)**

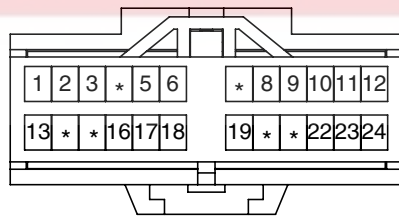
- 24 Male / Yellow (KUM_HSC_24M_Y)
- Main Harness



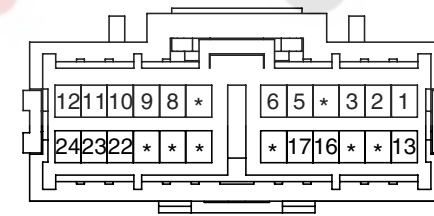
- 24 Female / Yellow (KUM_HSC_24F_Y)
- Control Harness

**MC31 Main To Control Harness Connection (D4HA)**

- 24 Male / Yellow (KUM_HSC_24M_Y)
- Main Harness



- 24 Female / Yellow (KUM_HSC_24F_Y)
- Control Harness



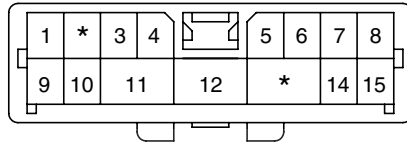
HARNESS CONNECTION

Harness Connection (8)

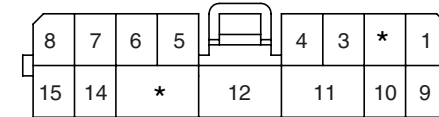
CV90-8

MC41 Main To Control Harness Connection

- 15 Male / White (AMP_0725_15M_W)
- Main Harness



- 15 Female / White (AMP_0725_15F_W)
- Control Harness

**MC51 Main To Control Harness Connection**

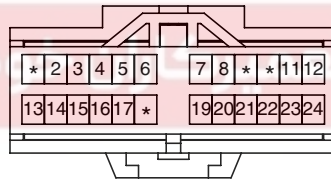
- 1 Male / White (KET_58L_01M_W)
- Main Harness



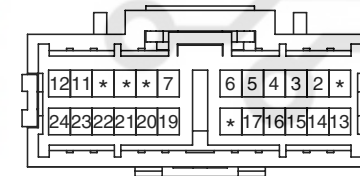
- 1 Female / White (KET_58L_01F_W)
- Control Harness

**MF11 Main To Floor Harness Connection**

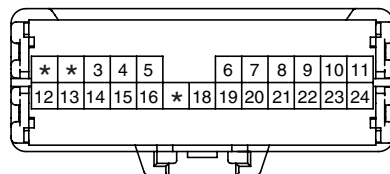
- 24 Male / White (KUM_HSC_24M_W)
- Main Harness



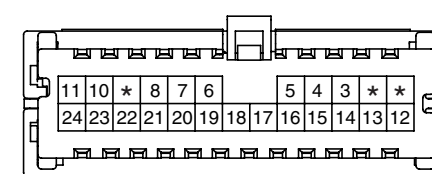
- 24 Female / White (KUM_HSC_24F_W)
- Floor Harness

**MF21 Main To Floor Harness Connection**

- 24 Male / Gray (KET_040III_24M_GR)
- Main Harness



- 24 Female / Gray (KET_040III_24F_GR)
- Floor Harness



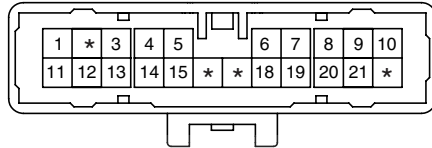
HARNESS CONNECTION

Harness Connection (9)

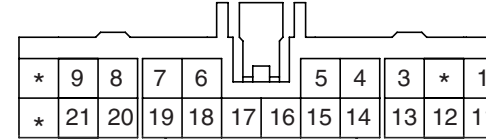
CV90-9

MF31 Main To Floor Harness Connection

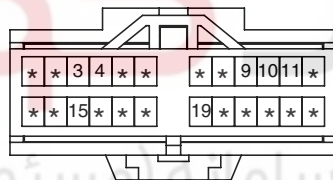
- 22 Male / Blue (KET_090III_22M_L)
- Main Harness



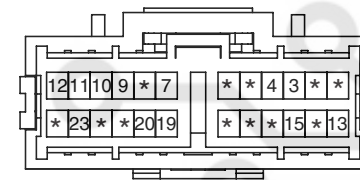
- 22 Female / Blue (KET_090III_22F_L)
- Floor Harness

**MF41 Main To Floor Harness Connection**

- 24 Male / White (KUM_HSC_24M_W)
- Main Harness



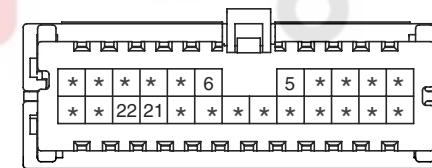
- 24 Female / White (KUM_HSC_24F_W)
- Floor Harness

**MF51 Main To Floor Harness Connection**

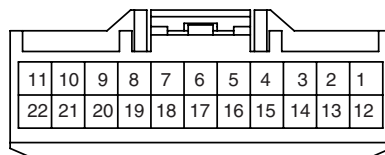
- 24 Male / Gray (KET_040III_24M_GR)
- Main Harness



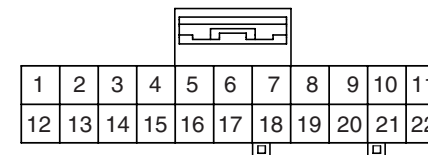
- 24 Female / Gray (KET_040III_24F_GR)
- Floor Harness

**MM01 Main To Consol EXTN. Harness Connection**

- 22 Female / White (AMP_090III_22F_W)
- Main Harness



- 22 Male / N/A (AMP_JAT_DL_22M)
- Consol EXTN. Harness



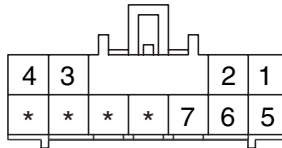
HARNESS CONNECTION

Harness Connection (10)

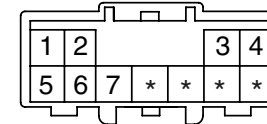
CV90-10

MM02 Main To FOB EXTN. Harness Connection

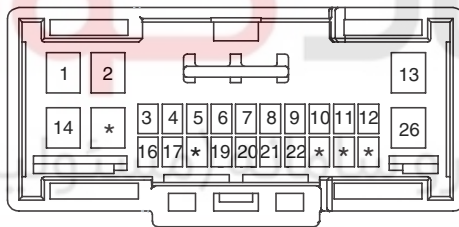
- 11 Female / White (KUM_CDR_11F_W)
- Main Harness



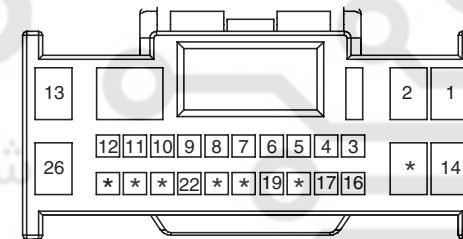
- 11 Male / White (KUM_CDR_11M_W)
- FOB EXTN. Harness

**MR01 Main To Roof Harness Connection**

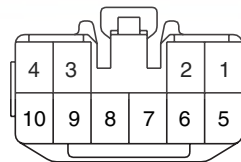
- 26 Male / White (KET_02509_26M_W)
- Main Harness



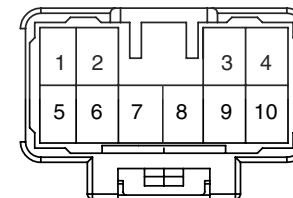
- 26 Female / White (KET_02509_26F_W)
- Roof Harness

**RR01 Roof To Sunroof EXTN. Harness Connection**

- 10 Female / White (KET_090III_10F_W)
- Roof Harness



- 10 Male / White (KET_090III_10M_W)
- Sunroof EXTN. Harness



COMPONENT LOCATIONS

دیجیتال خودرو

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

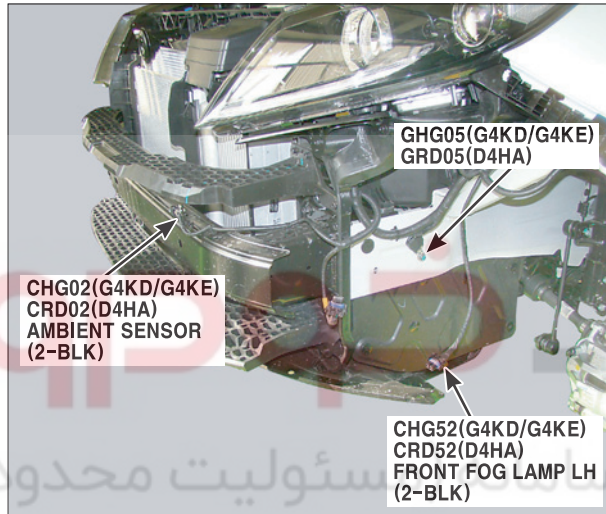


COMPONENT LOCATIONS E328C86C

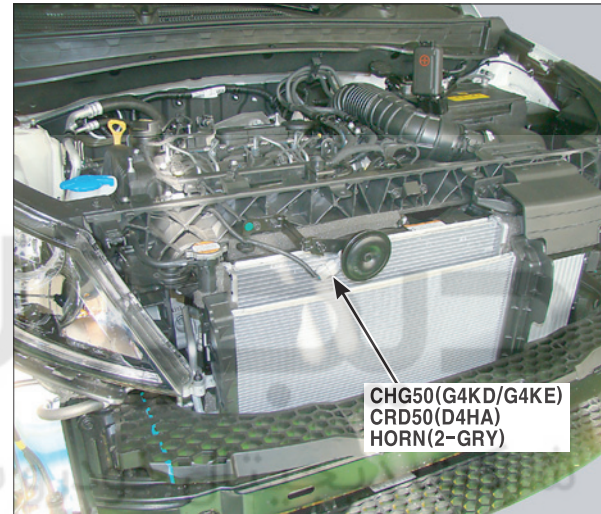
Component Locations (1)

CL-1

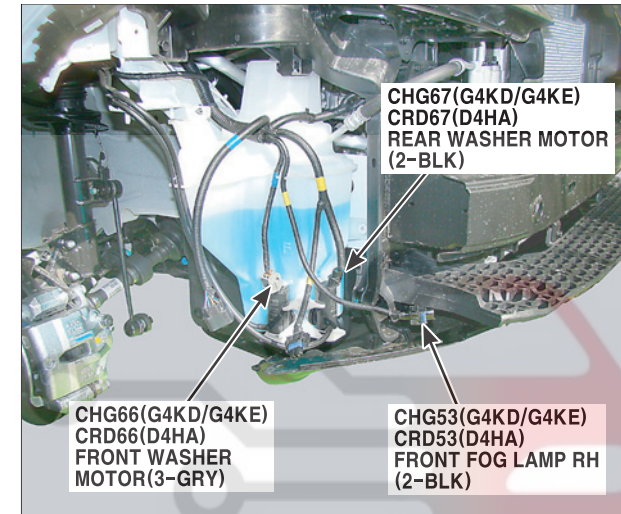
1. Left Side of Front End Module



2. Center of Front End Module



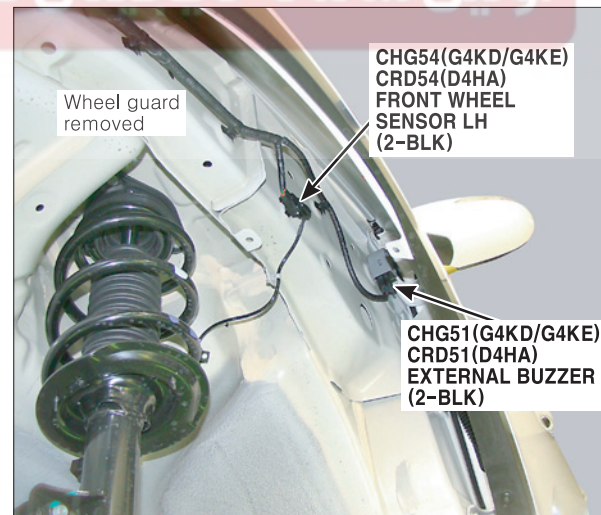
3. Right Side of Front End Module



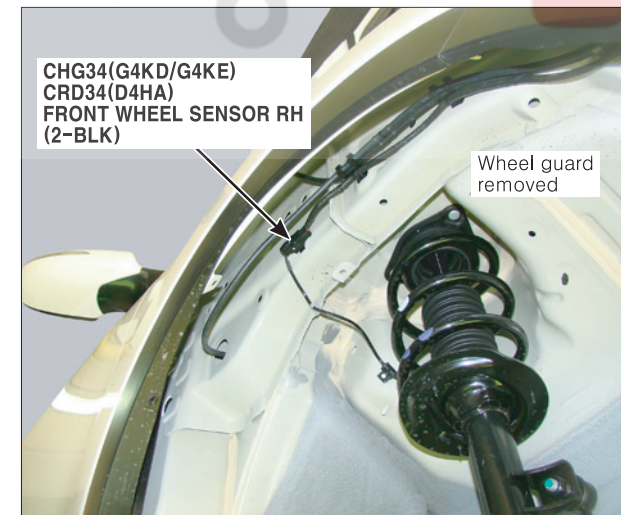
4. Front Fender



5. Left Front Wheel Housing



6. Right Front Wheel Housing

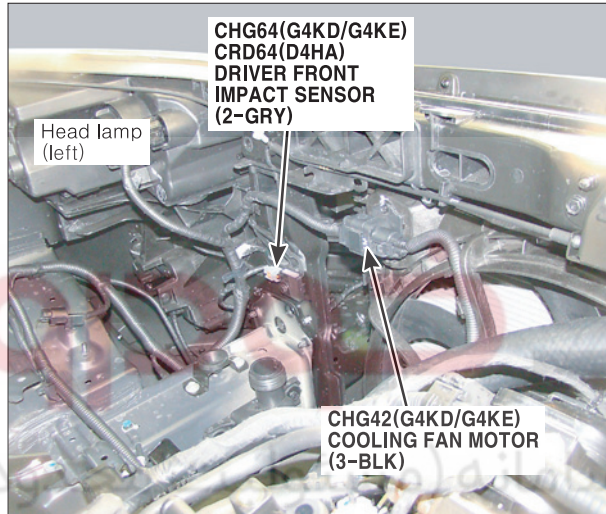


COMPONENT LOCATIONS

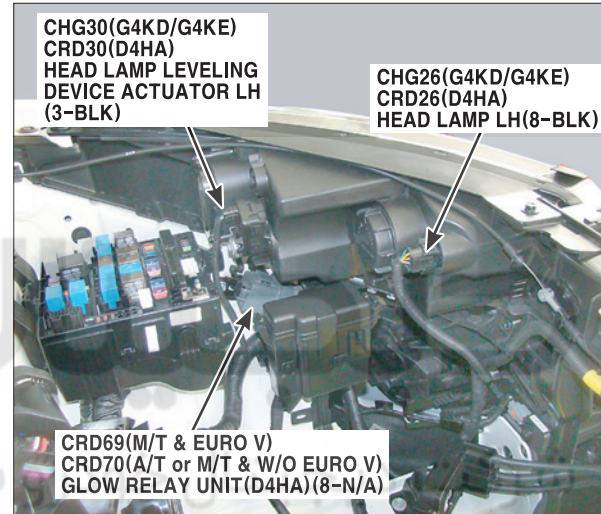
Component Locations (2)

CL-2

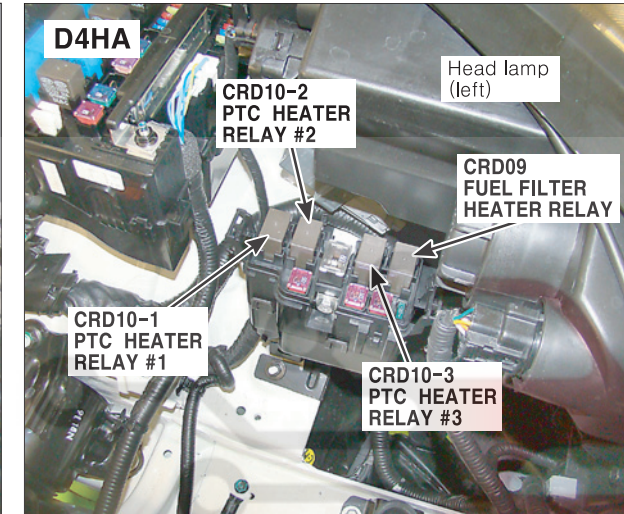
7. Left Front of Engine Room



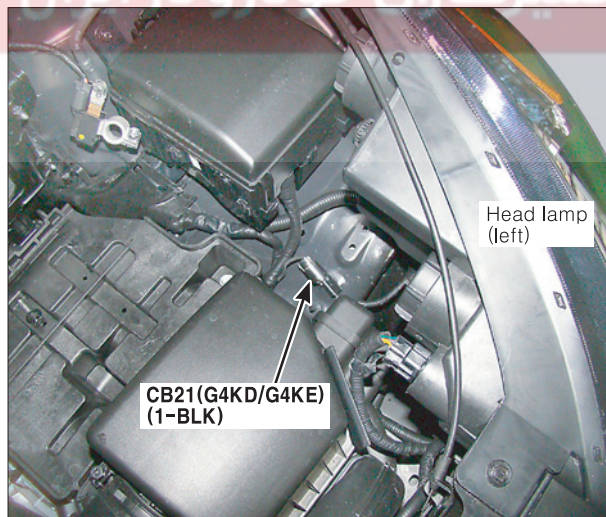
8. Left Front of Engine Room



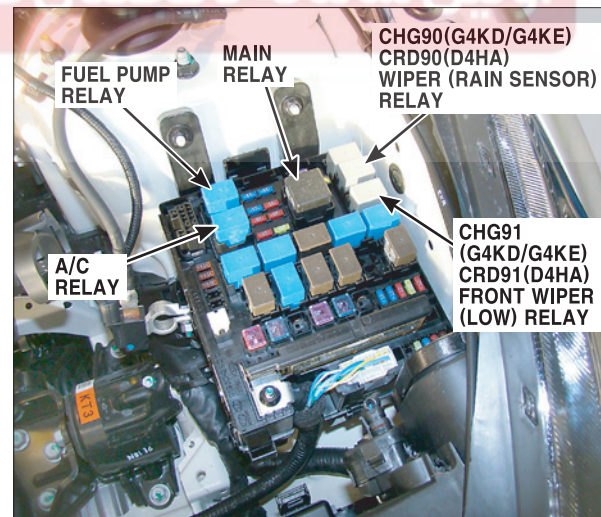
9. Left Front of Engine Room



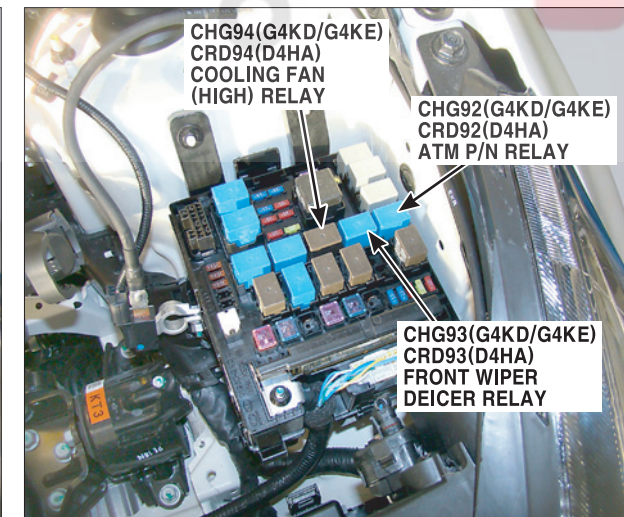
10. Left Front of Engine Room



11. Left Side of Engine Room



12. Left Side of Engine Room

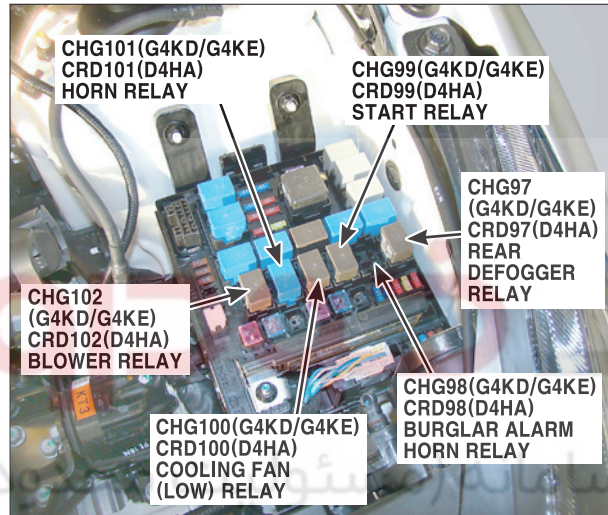


COMPONENT LOCATIONS

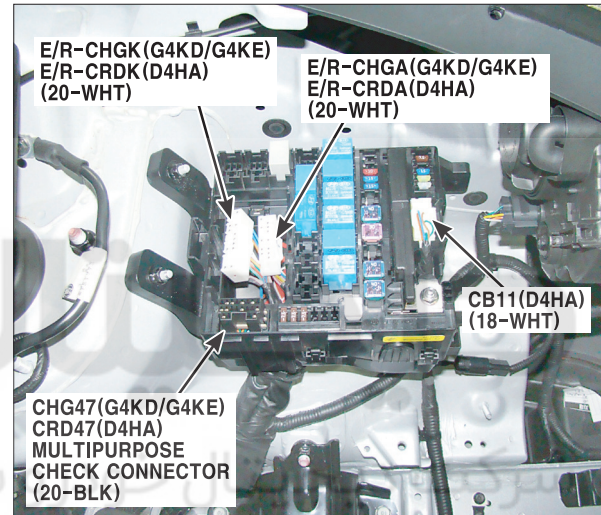
Component Locations (3)

CL-3

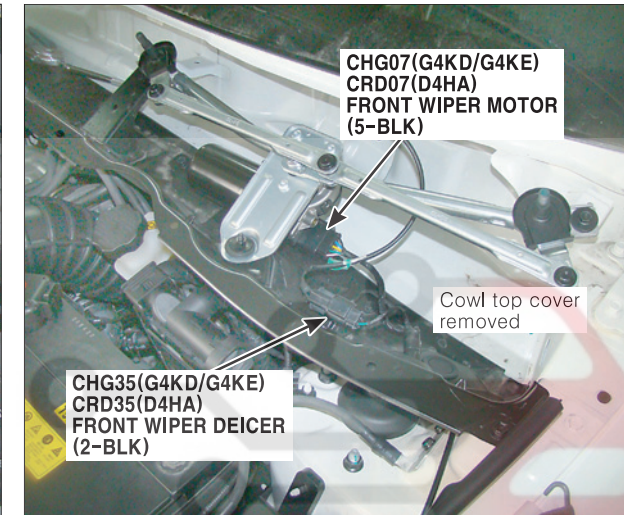
13. Left Side of Engine Room



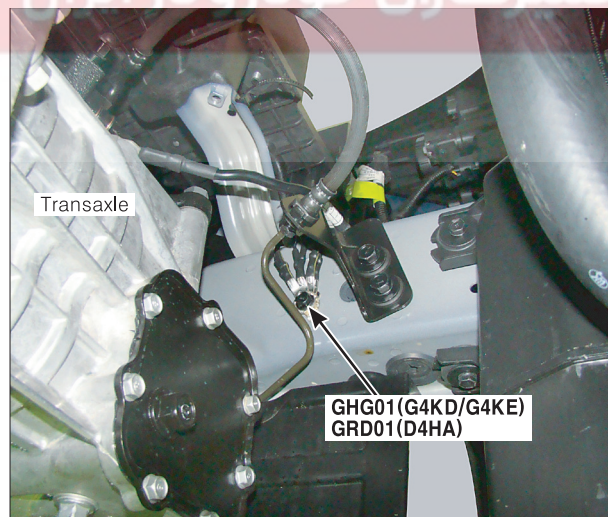
14. Left Side of Engine Room



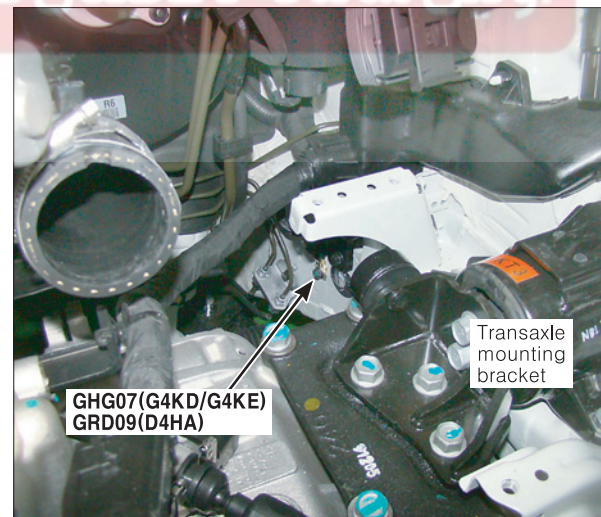
15. Left Side of Cowl Top Panel



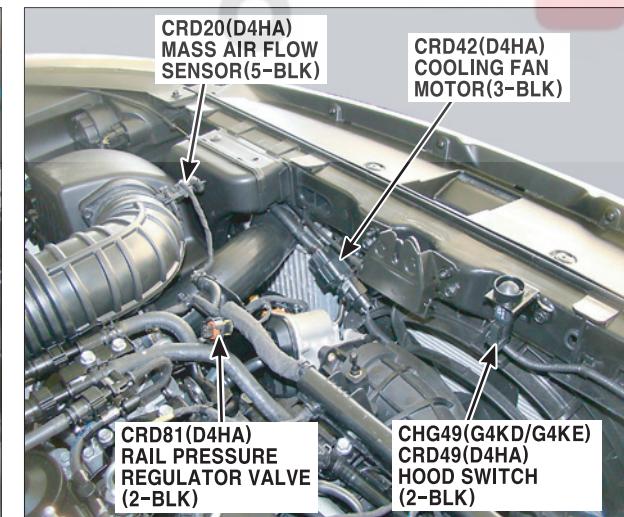
16. Left Side of Engine Room



17. Left Rear of Engine Room



18. Front of Engine Room

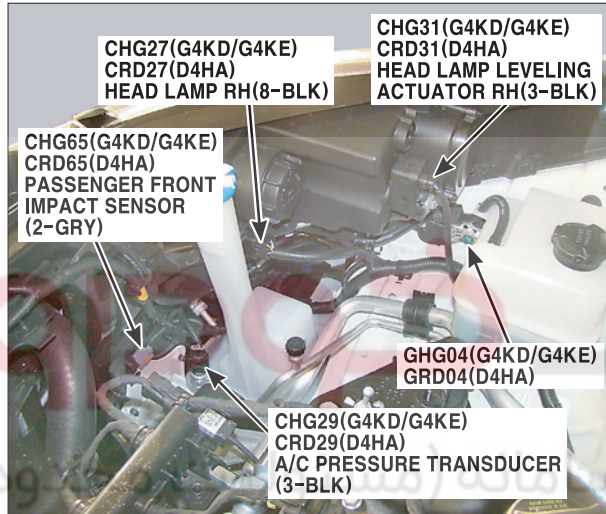


COMPONENT LOCATIONS

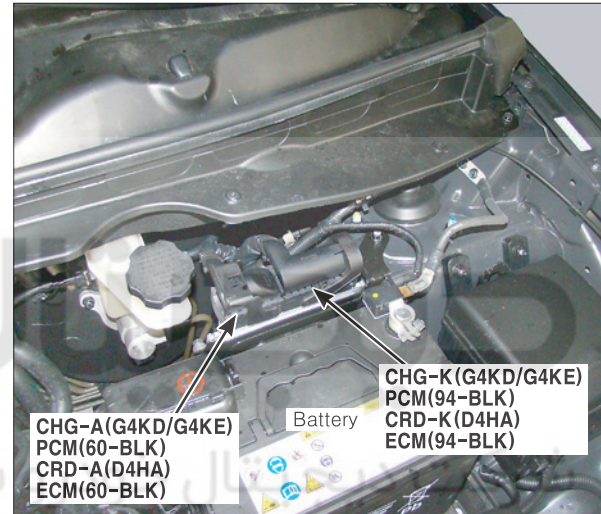
Component Locations (4)

CL-4

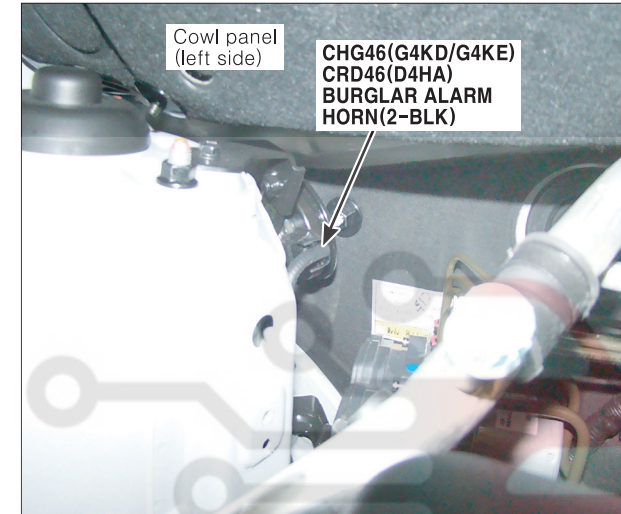
19. Right Front of Engine Room



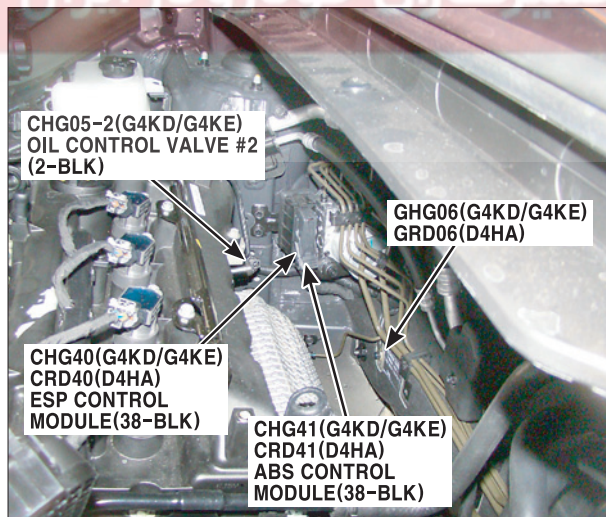
20. Left Rear of Engine Room



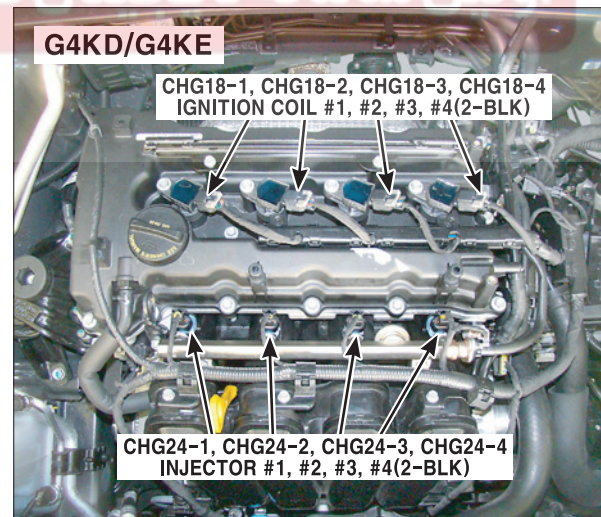
21. Right Rear of Engine Room



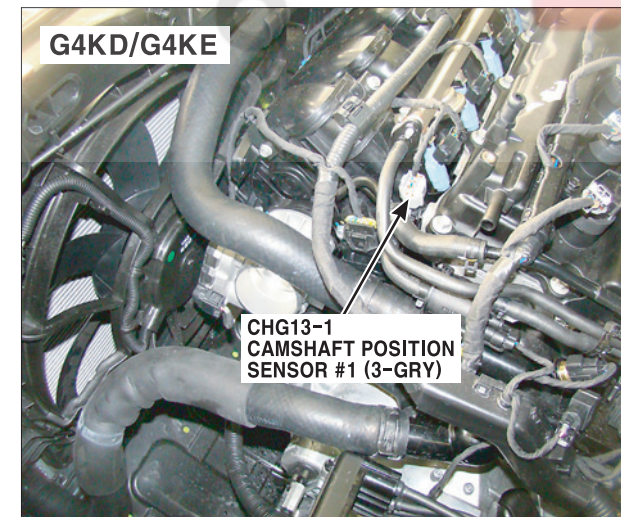
22. Right Rear of Engine Room



23. Top of Engine



24. Left Front of Engine

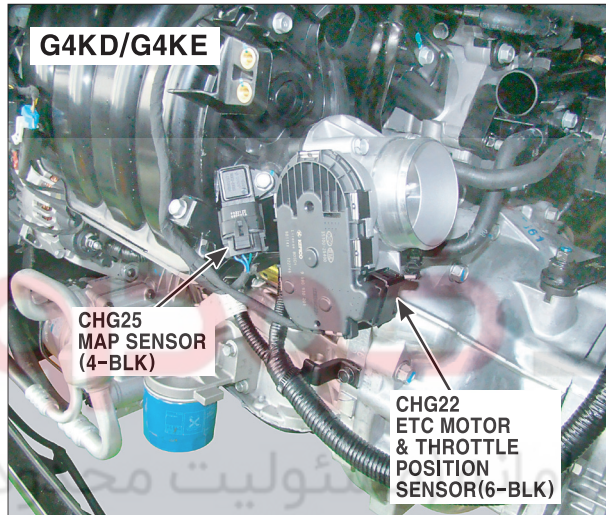


COMPONENT LOCATIONS

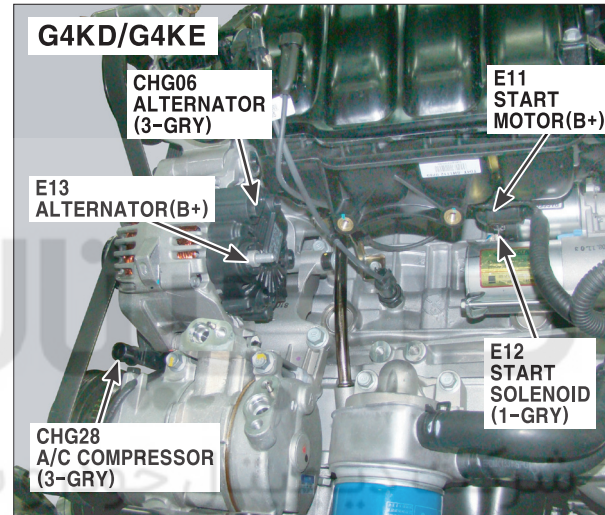
Component Locations (5)

CL-5

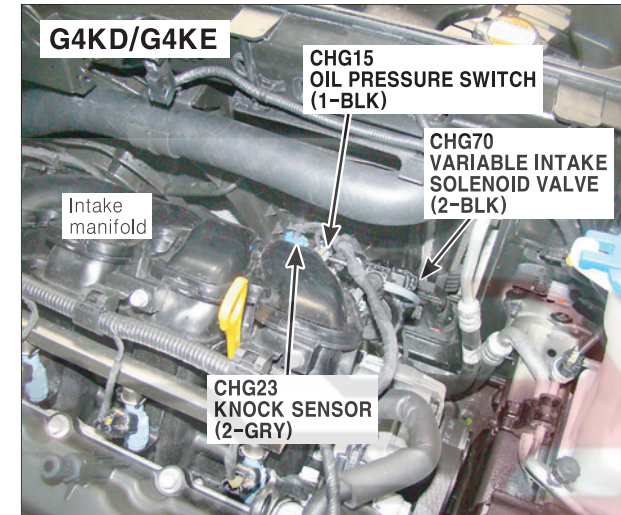
25. Left Front of Engine



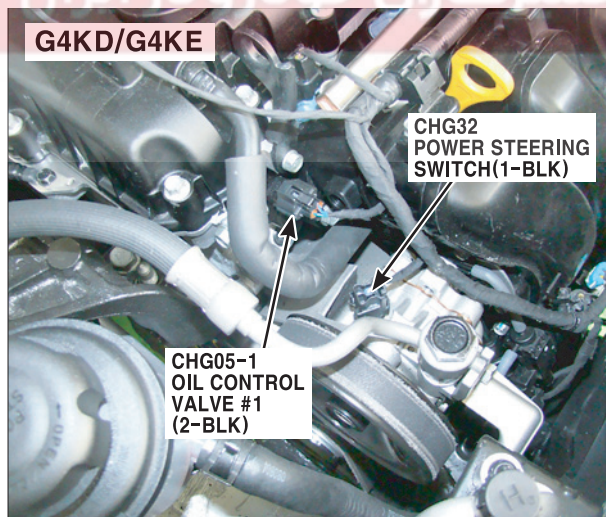
26. Front of Engine



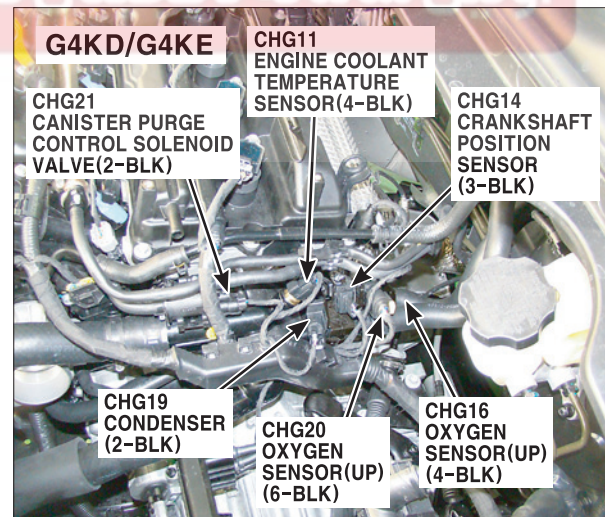
27. Right Front of Engine



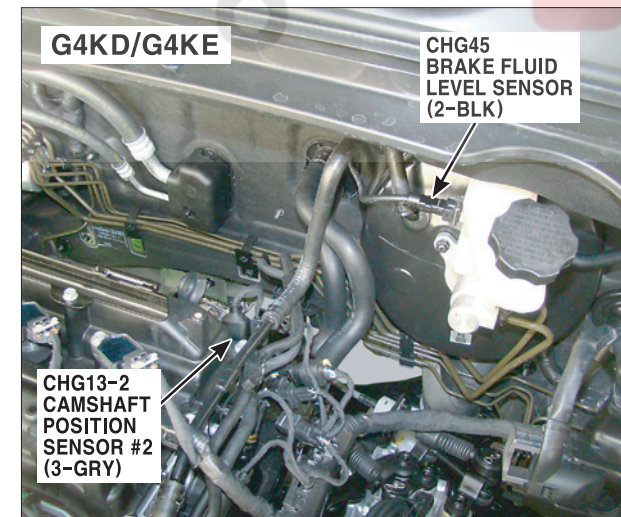
28. Right Front of Engine



29. Left Side of Engine



30. Left Rear of Engine Room

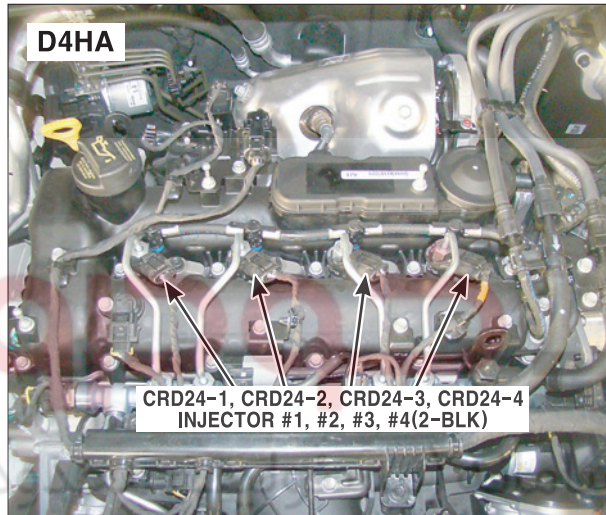


COMPONENT LOCATIONS

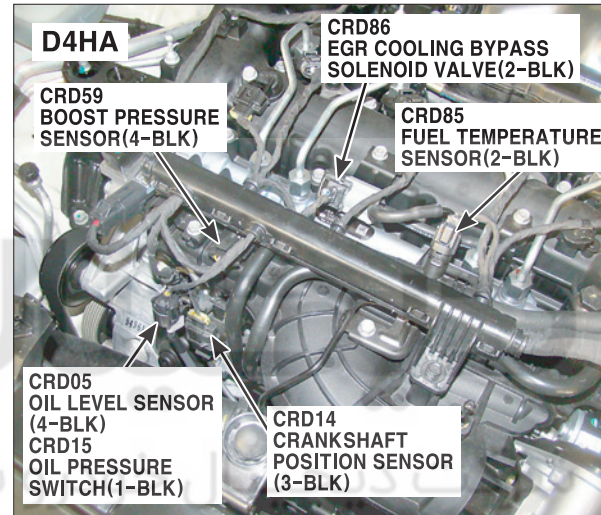
Component Locations (6)

CL-6

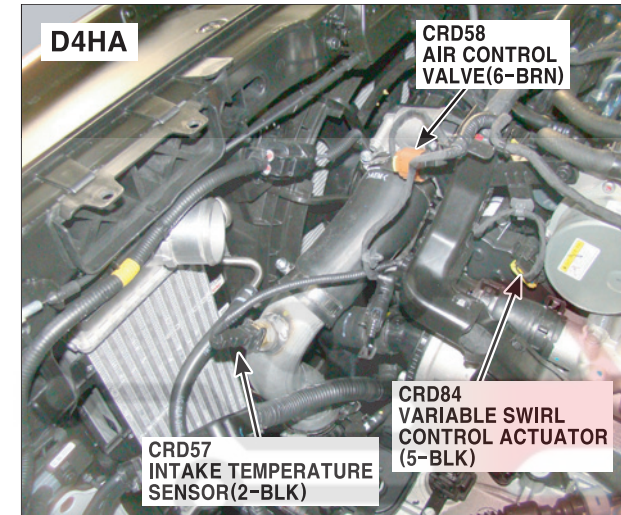
31. Top of Engine



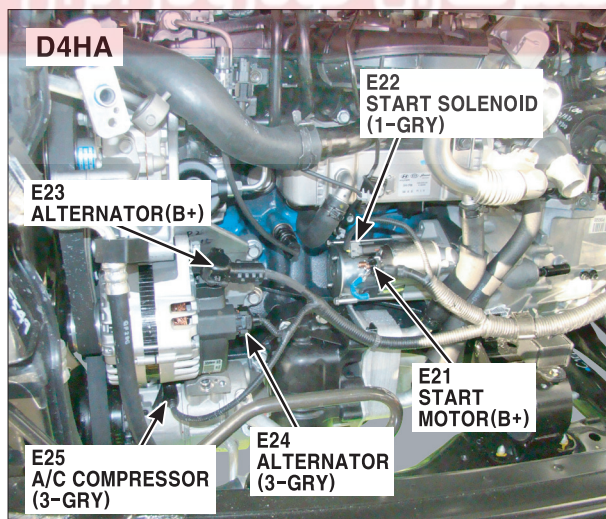
32. Top of Engine



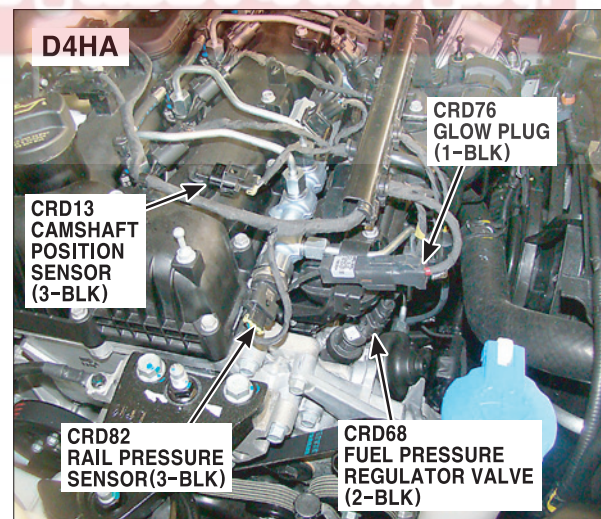
33. Left Front of Engine



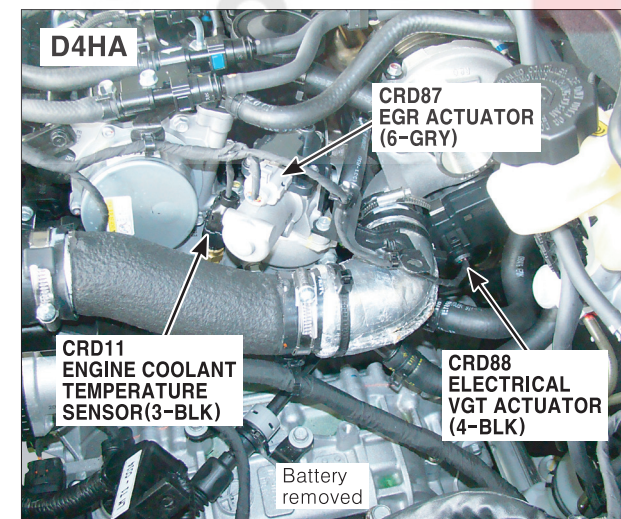
34. Front of Engine



35. Right Front of Engine



36. Left Side of Engine

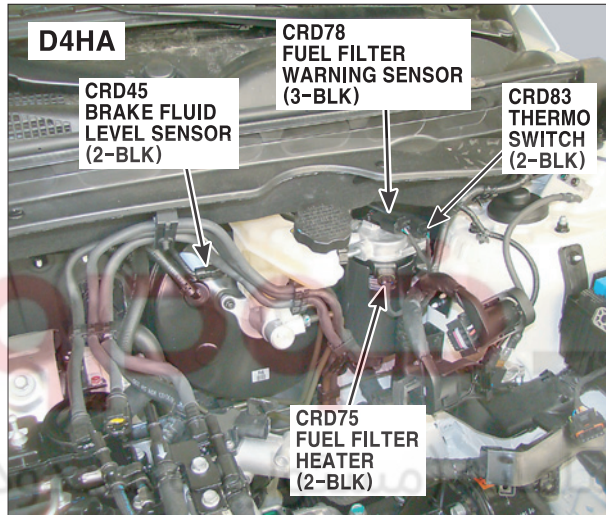


COMPONENT LOCATIONS

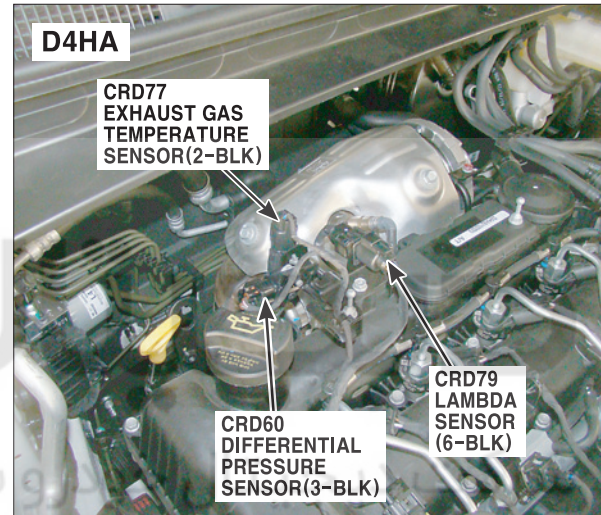
Component Locations (7)

CL-7

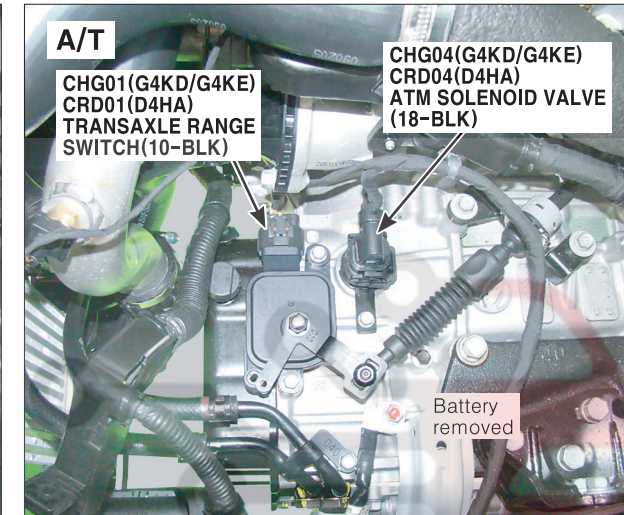
37. Left Rear of Engine Room



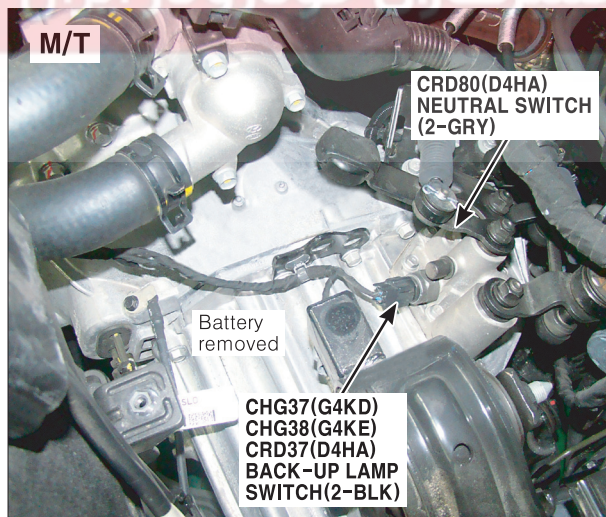
38. Right Rear of Engine



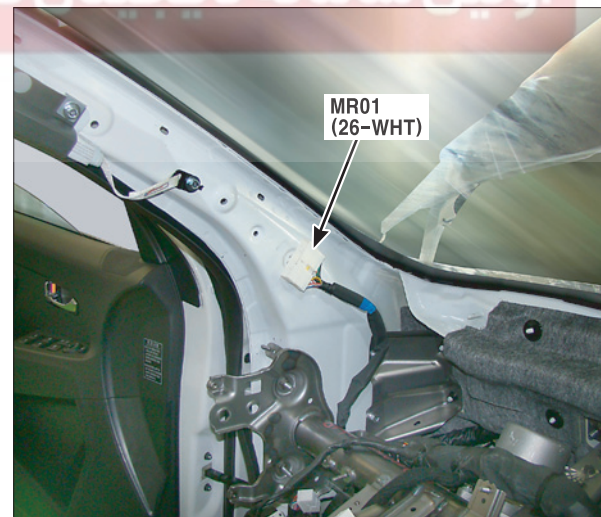
39. Top of Transaxle



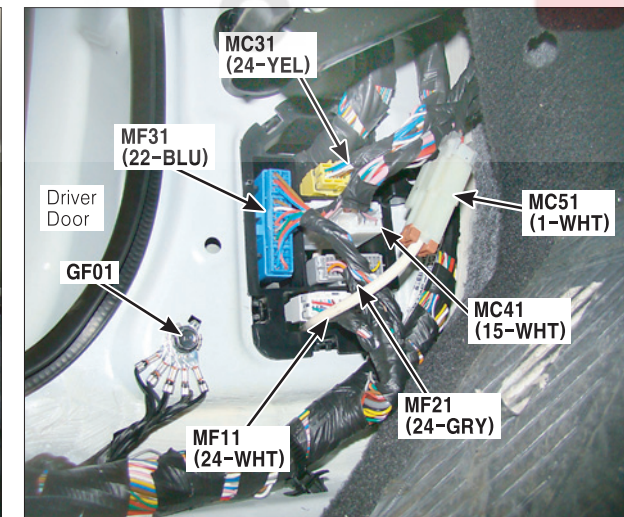
40. Top of Transaxle



41. Left A-pillar



42. Under of Left A-pillar

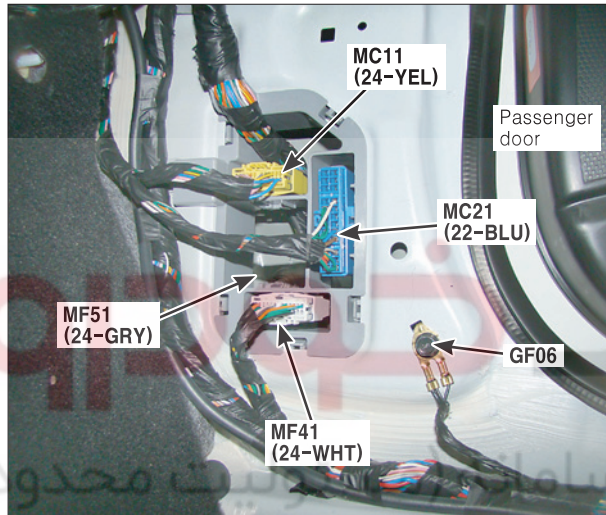


COMPONENT LOCATIONS

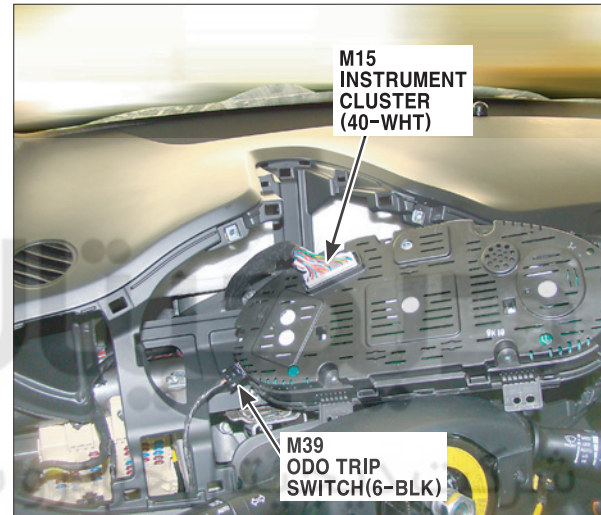
Component Locations (8)

CL-8

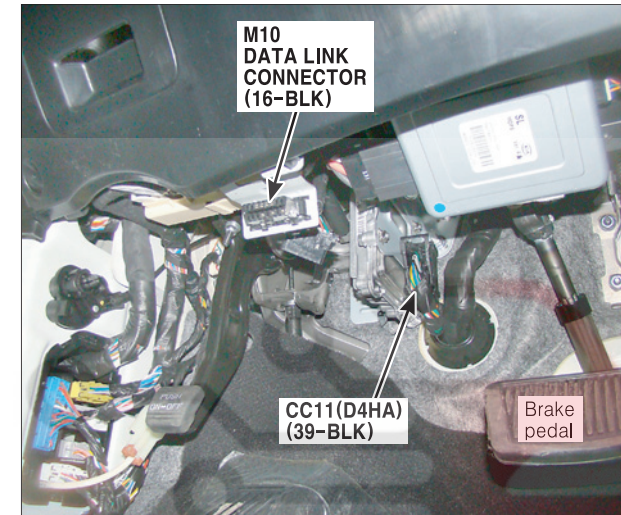
43. Under of Right A-pillar



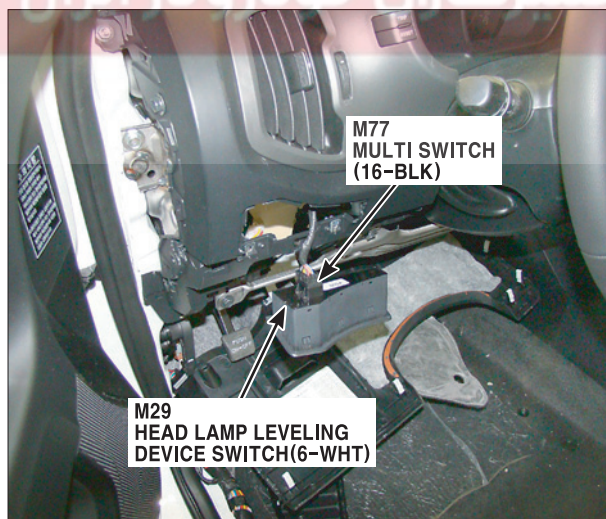
44. Left Side of Dash Panel



45. Left Under of Dash Panel



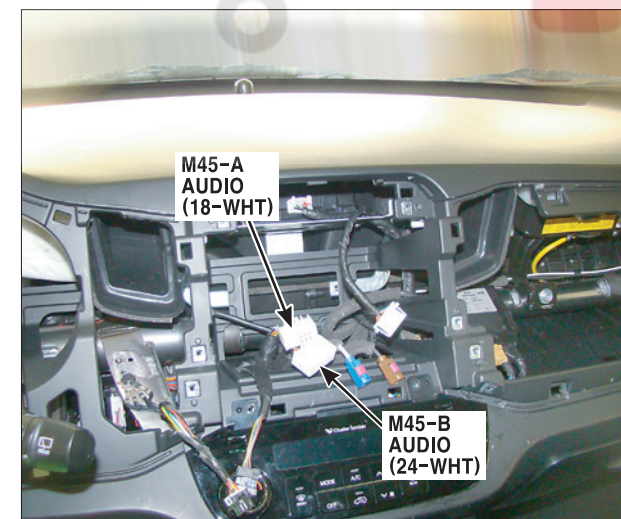
46. Left Side of Dash Panel



47. Center of Dash Panel



48. Center of Dash Panel

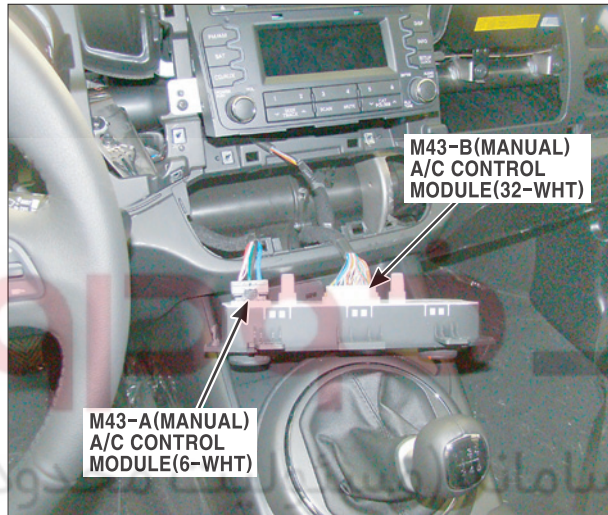


COMPONENT LOCATIONS

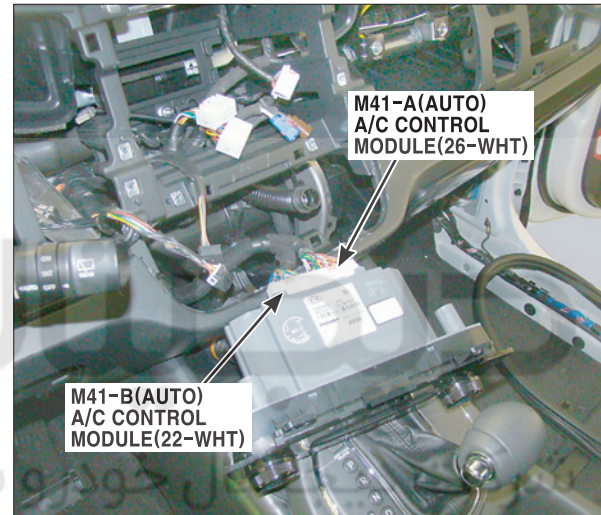
Component Locations (9)

CL-9

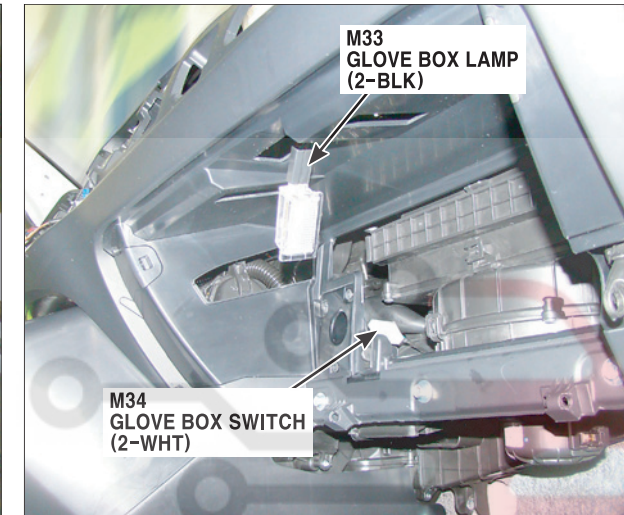
49. Center of Dash Panel



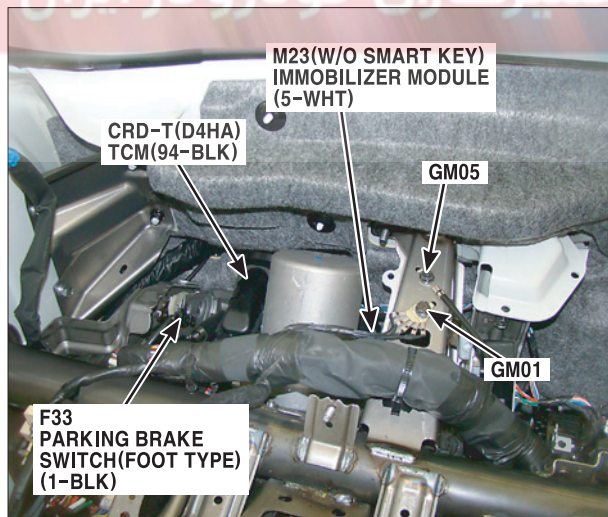
50. Center of Dash Panel



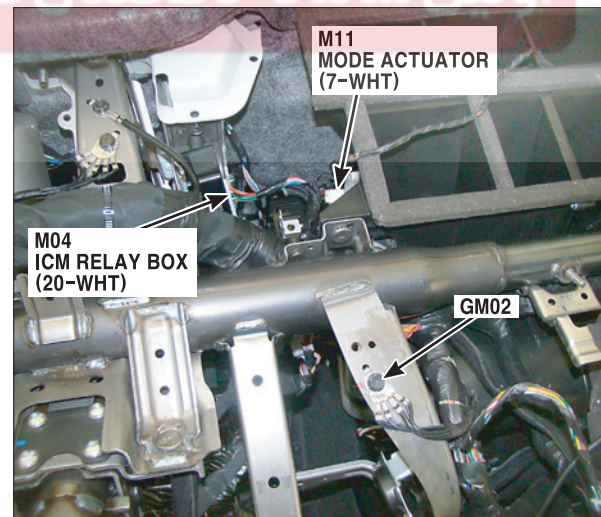
51. Glove Box



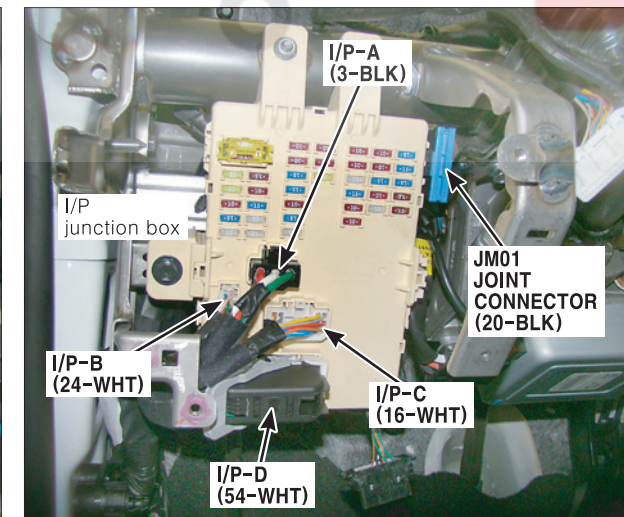
52. Left Top of Dash Panel



53. Center Top of Dash Panel



54. Left Side of Dash Panel

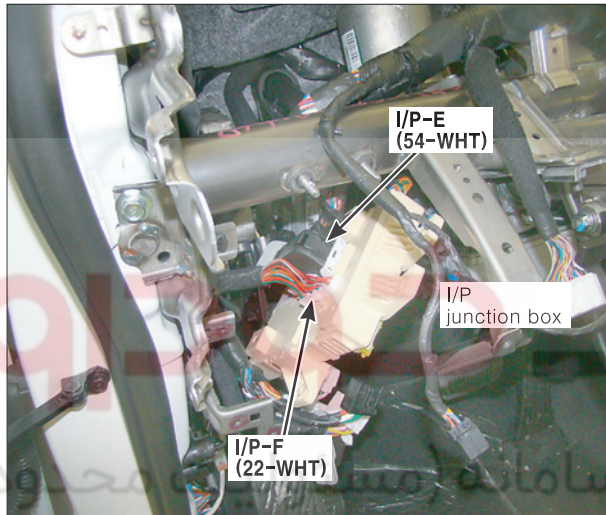


COMPONENT LOCATIONS

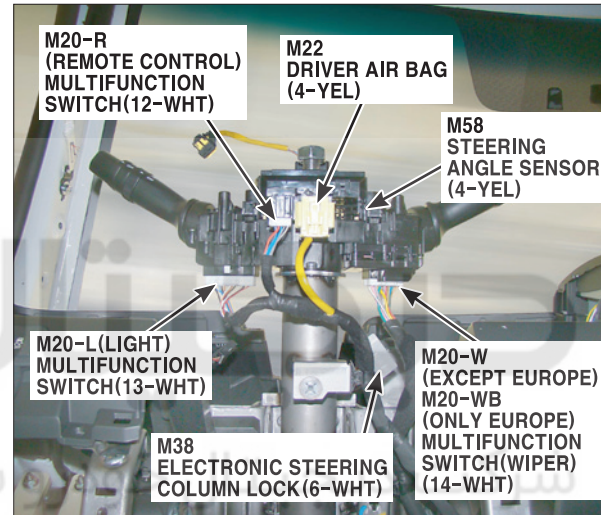
Component Locations (10)

CL-10

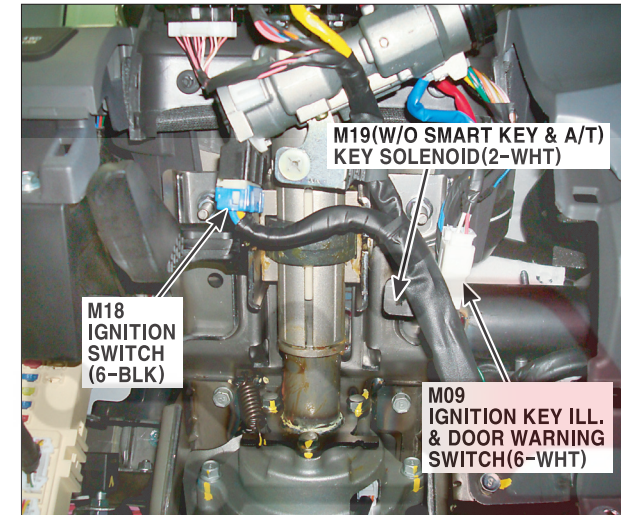
55. eft Side of Dash Panel



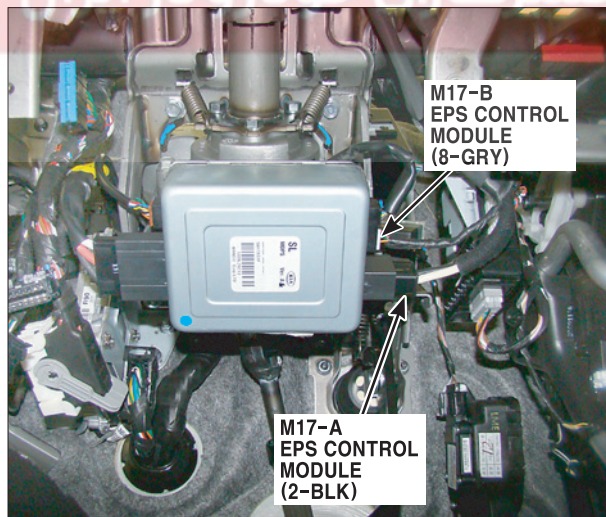
56. Steering Column



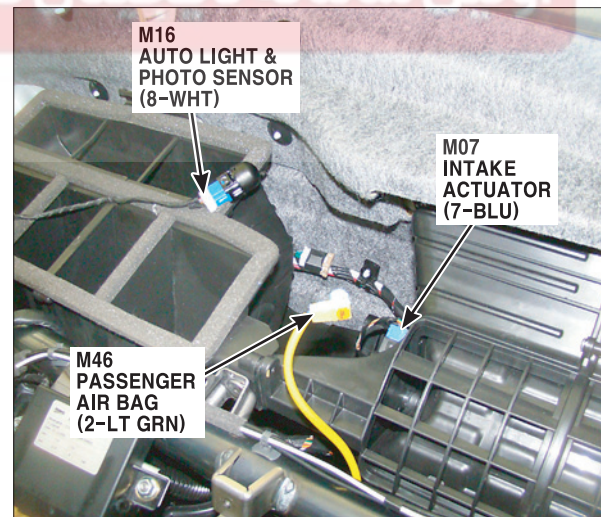
57. Steering Column



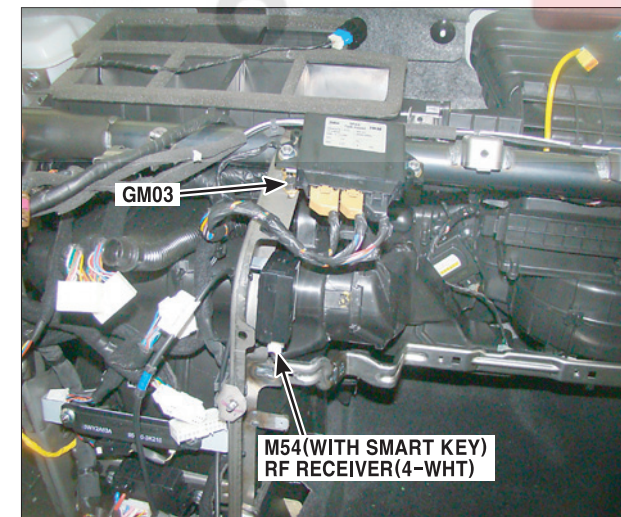
58. Steering Column



59. Center Top of Dash Panel



60. Center of Dash Panel

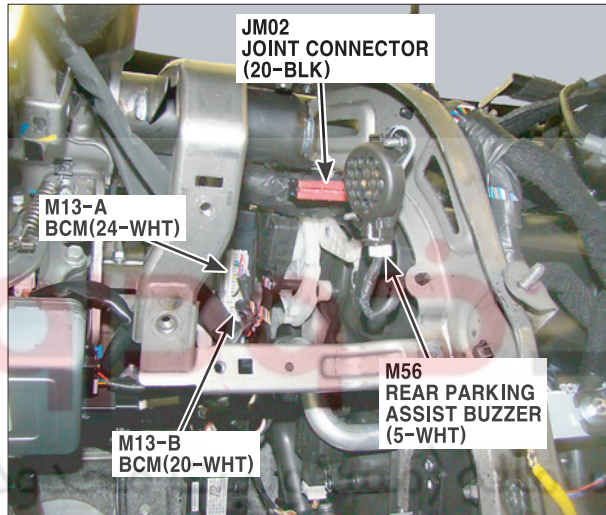


COMPONENT LOCATIONS

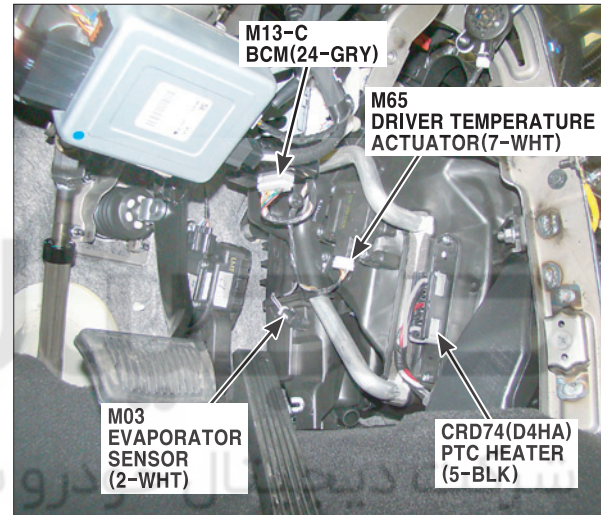
Component Locations (11)

CL-11

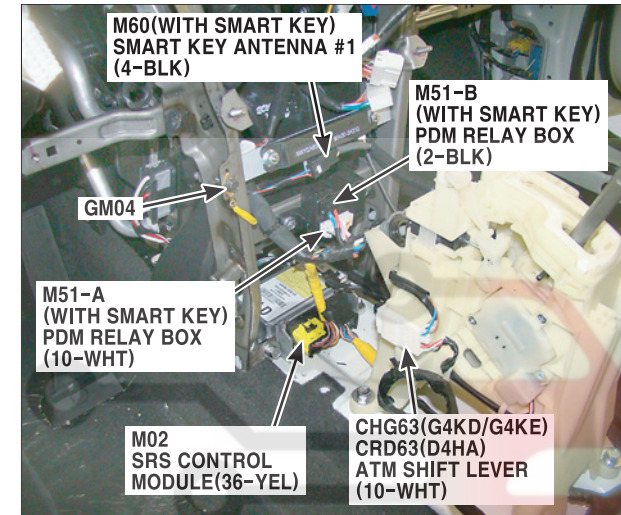
61. Center of Dash Panel



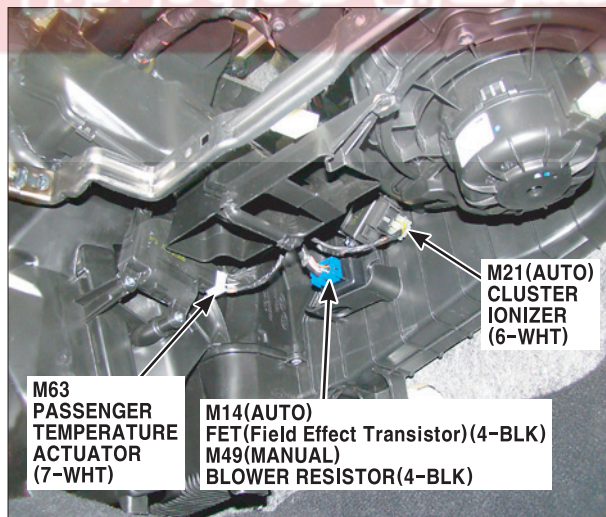
62. Center Under of Dash Panel



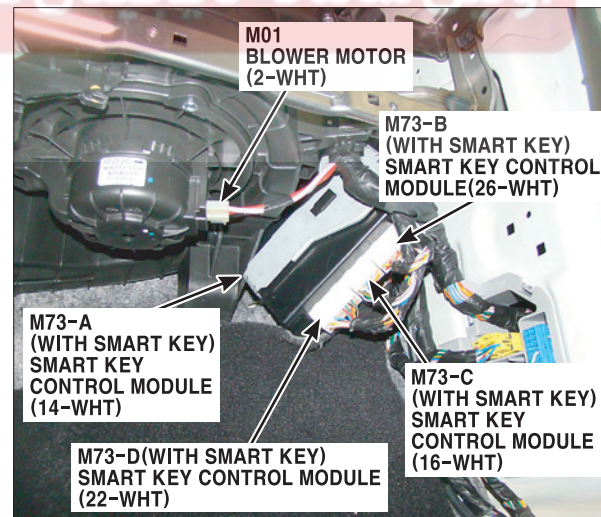
63. Center Under of Dash Panel



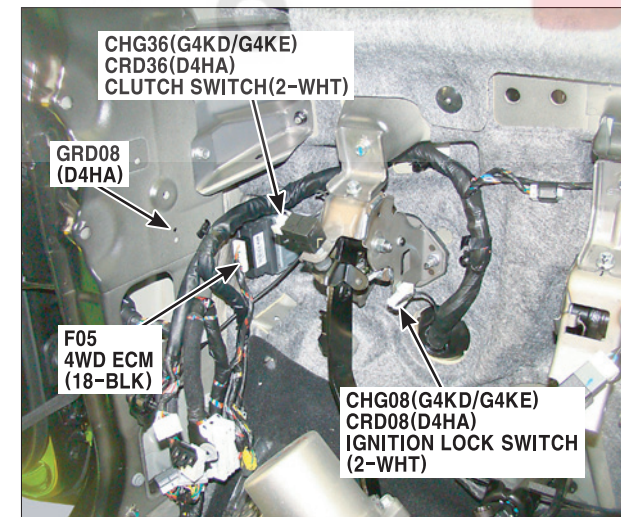
64. Center Under of Dash Panel



65. Under of Right A-pillar



66. Left Rear of Dash Panel

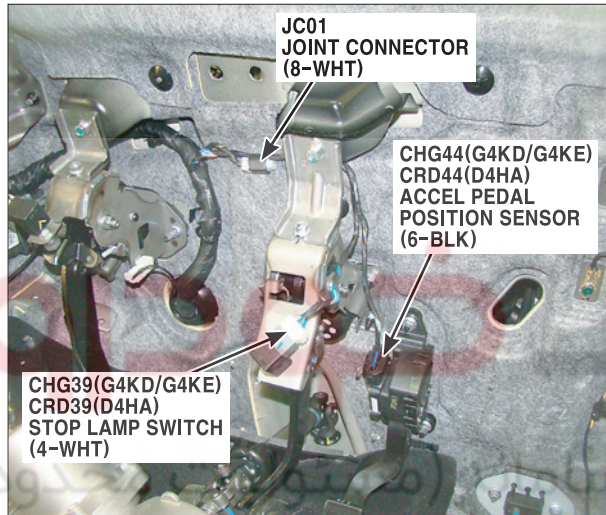


COMPONENT LOCATIONS

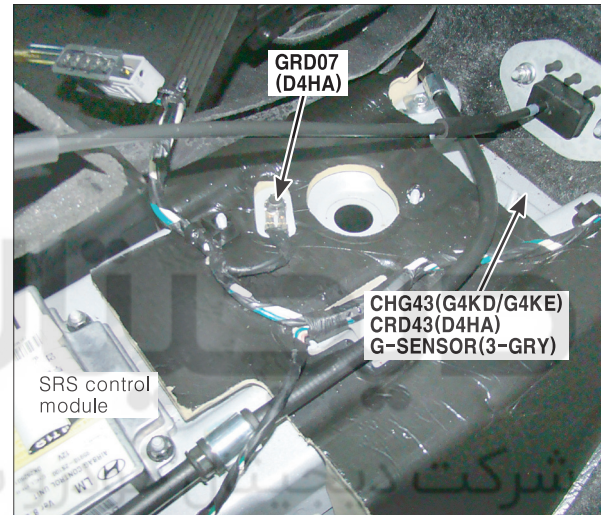
Component Locations (12)

CL-12

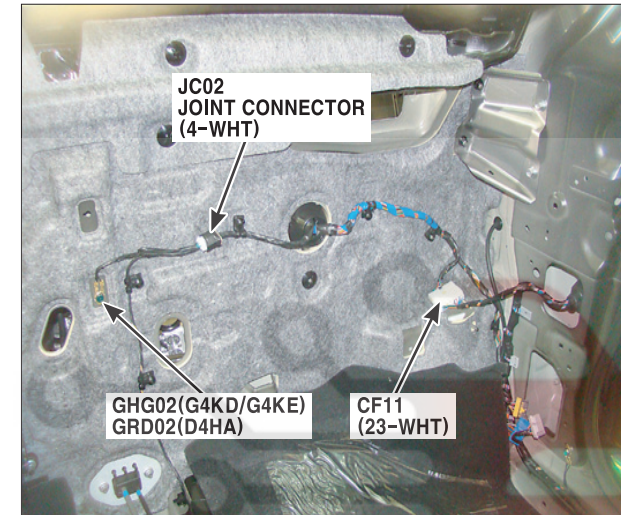
67. Left Rear of Dash Panel



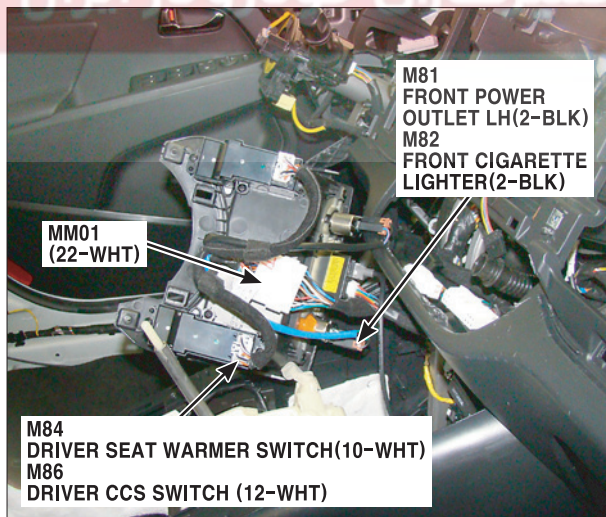
68. Center Under of Dash Panel



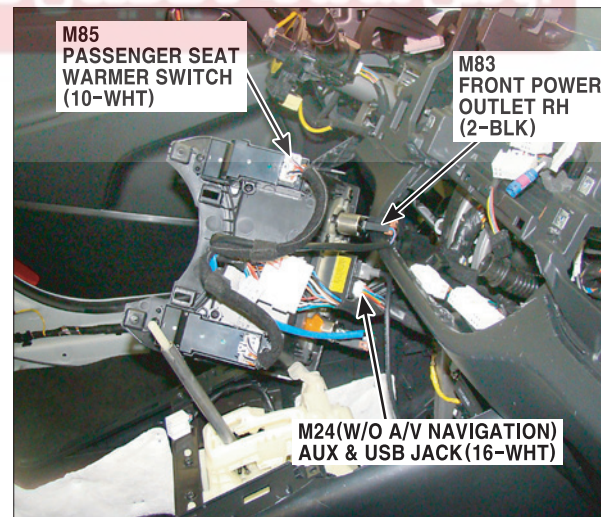
69. Right Rear of Dash Panel



70. Front of Console



71. Front of Console



72. Center of Console

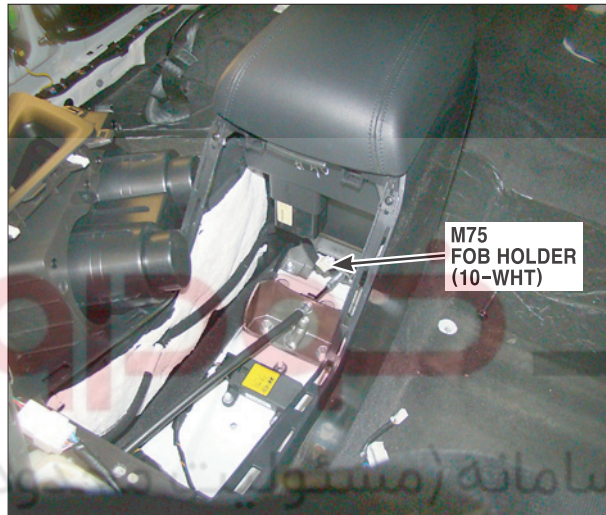


COMPONENT LOCATIONS

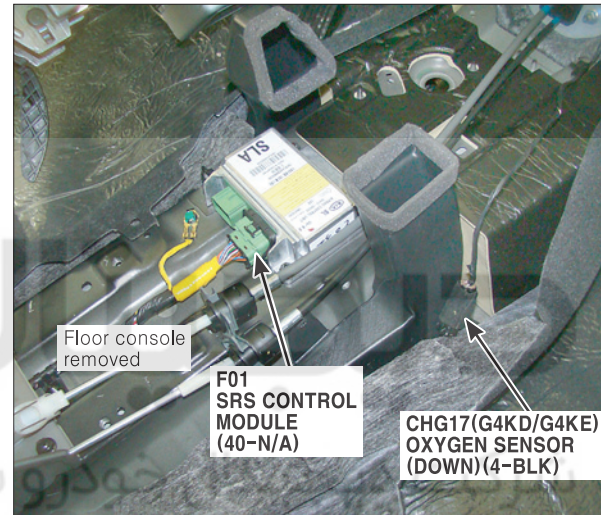
Component Locations (13)

CL-13

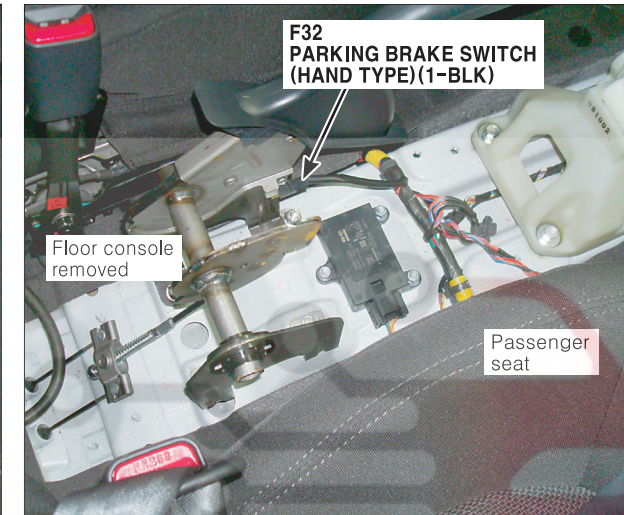
73. Rear of Console



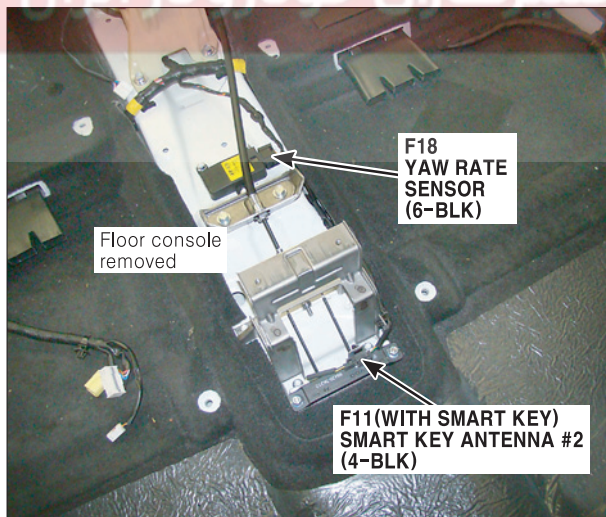
74. Front of Console



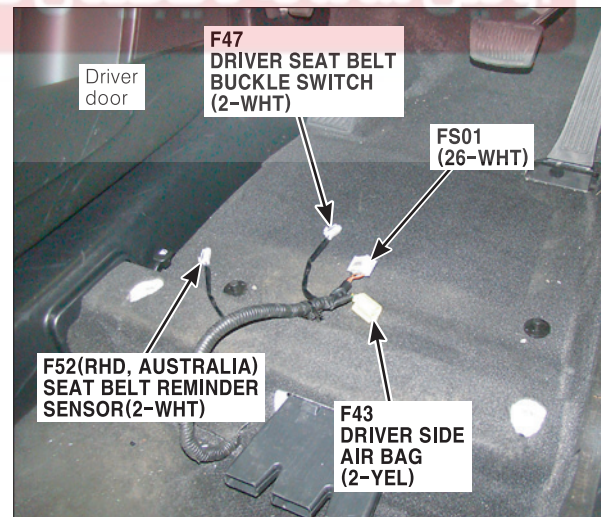
75. Center of Console



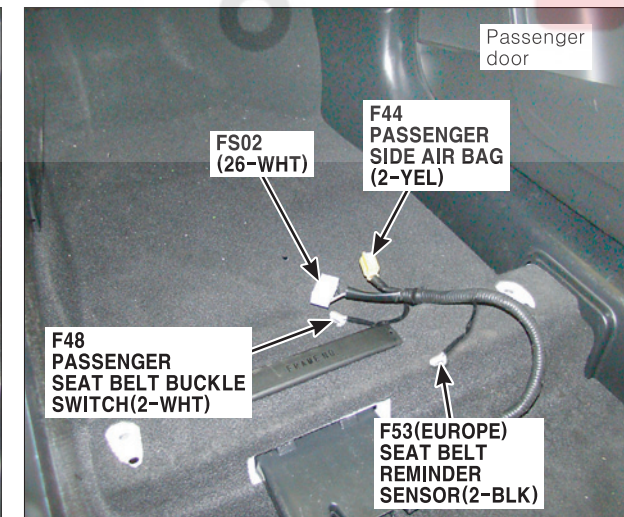
76. Rear of Console



77. Under of Driver Seat



78. Under of Passenger Seat

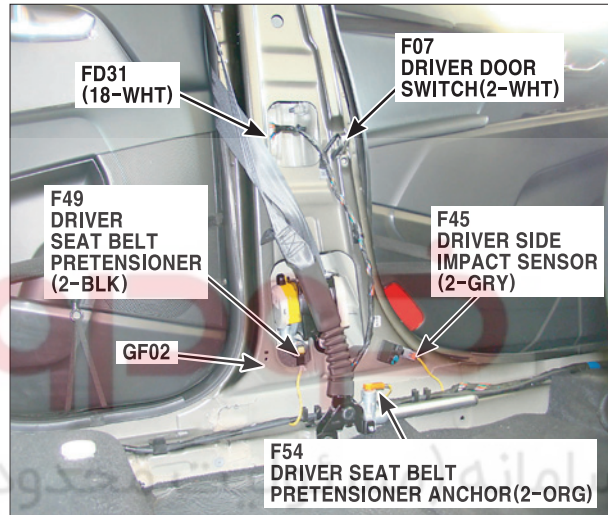


COMPONENT LOCATIONS

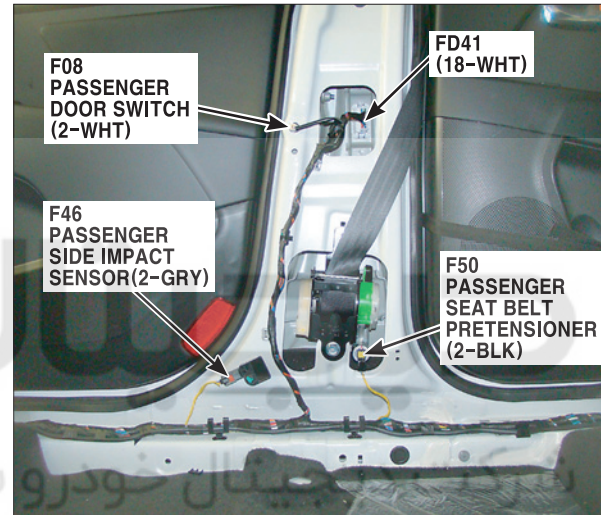
Component Locations (14)

CL-14

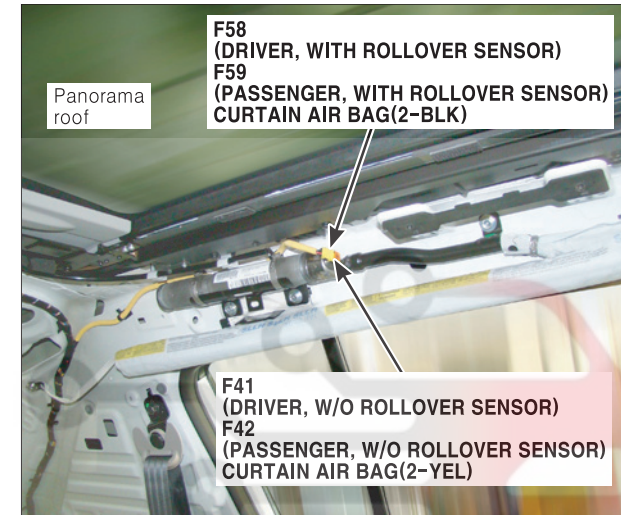
79. Left B-pillar



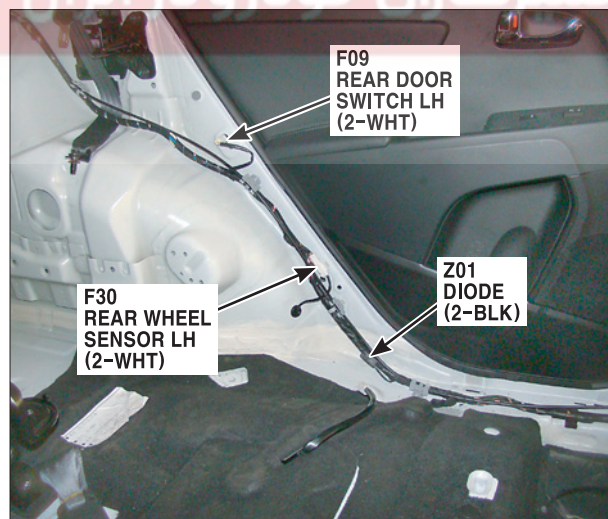
80. Right B-pillar



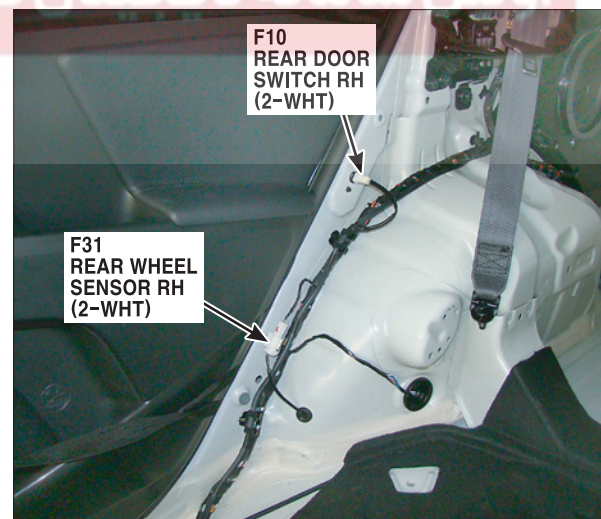
81. Top of C-pillar



82. Under of Left C-pillar



83. Under of Right C-pillar



84. Under of Rear Seat Cushion

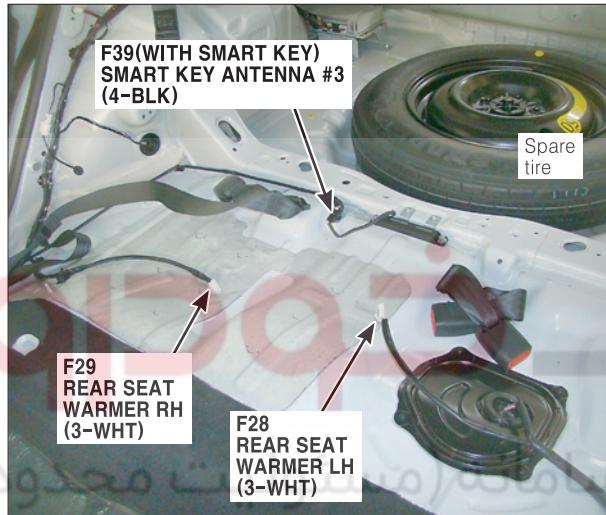


COMPONENT LOCATIONS

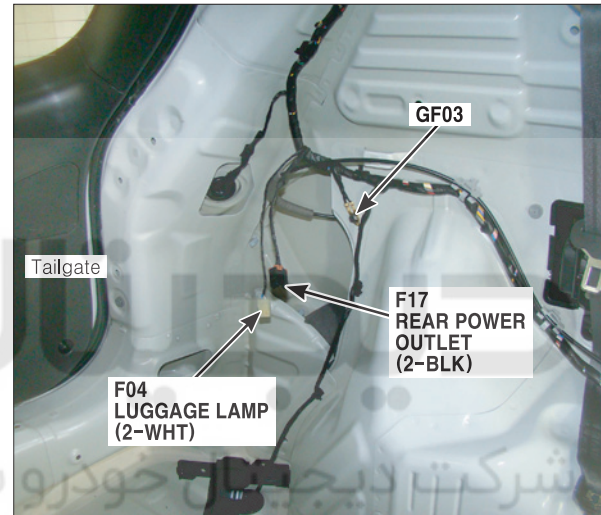
Component Locations (15)

CL-15

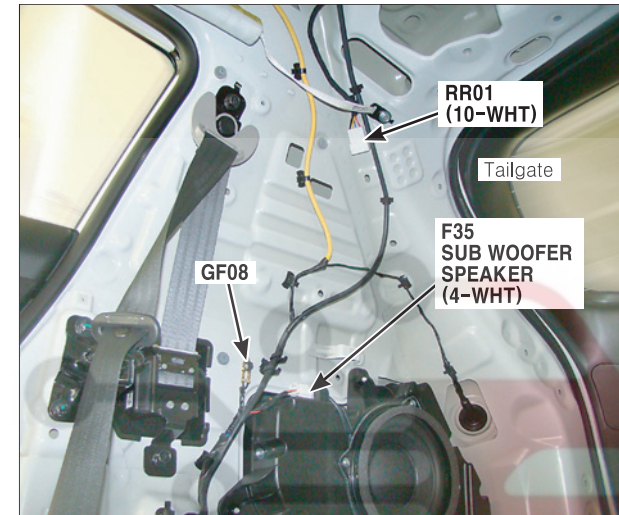
85. Under of Rear Seat Cushion



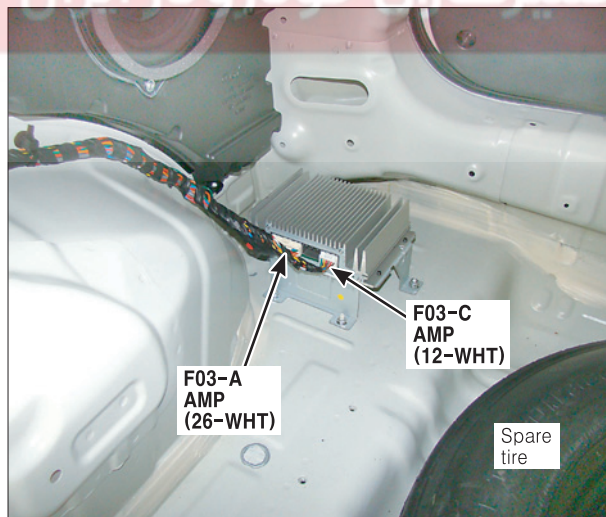
86. Left Side of Luggage Panel



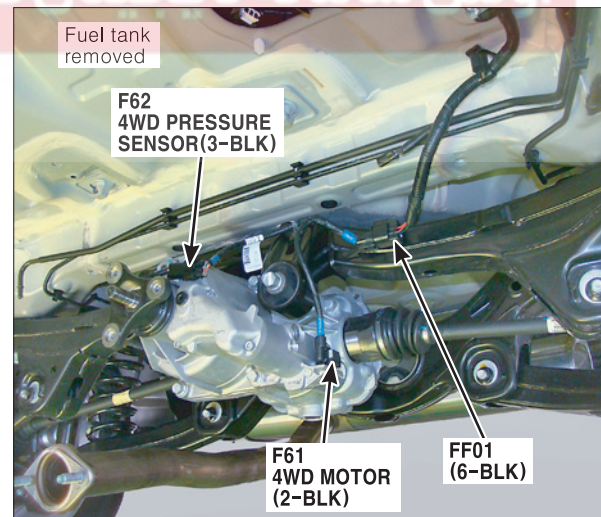
87. Right Side of Luggage Panel



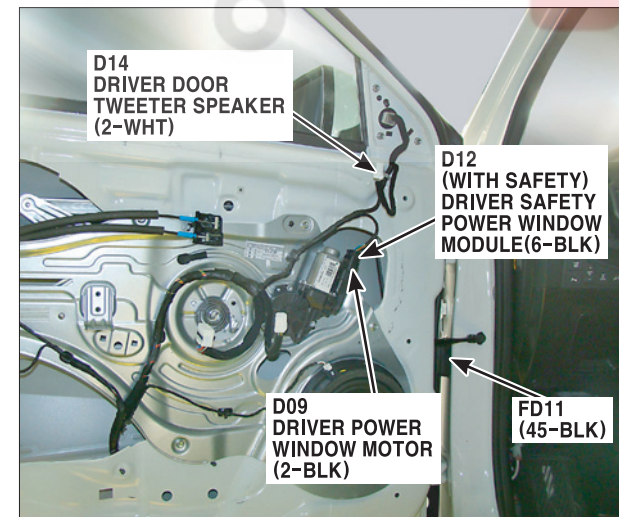
88. Right Under of Luggage Panel



89. Rear of Fuel Tank



90. Driver Door

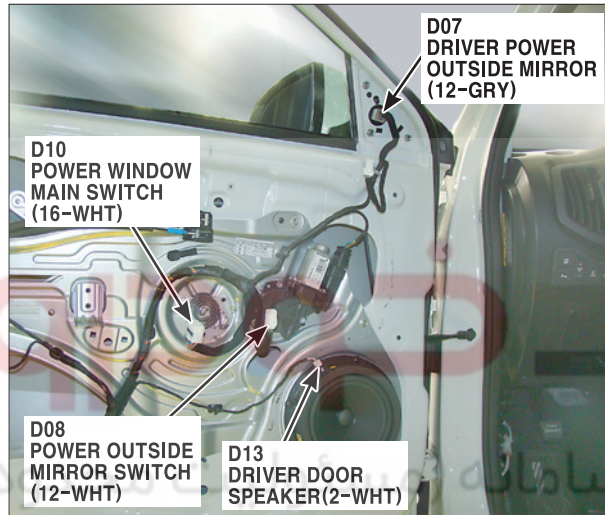


COMPONENT LOCATIONS

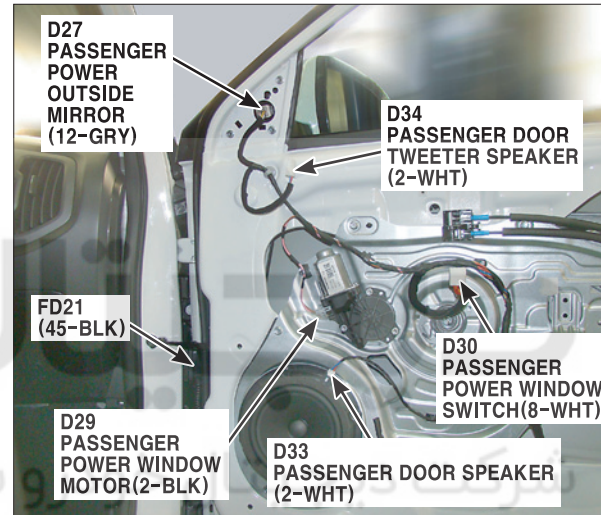
Component Locations (16)

CL-16

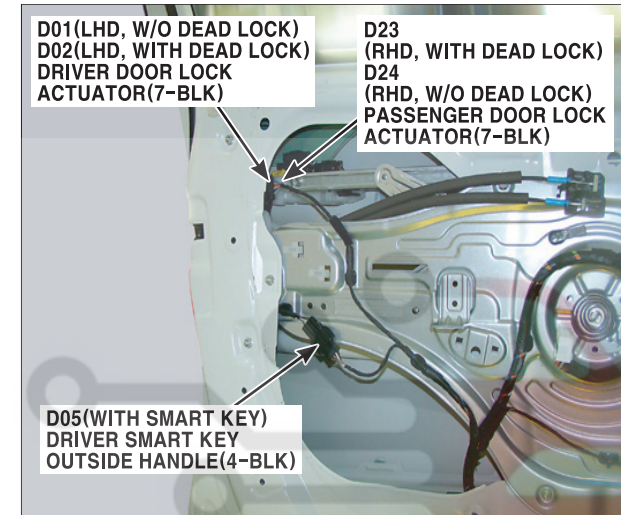
91. Driver Door



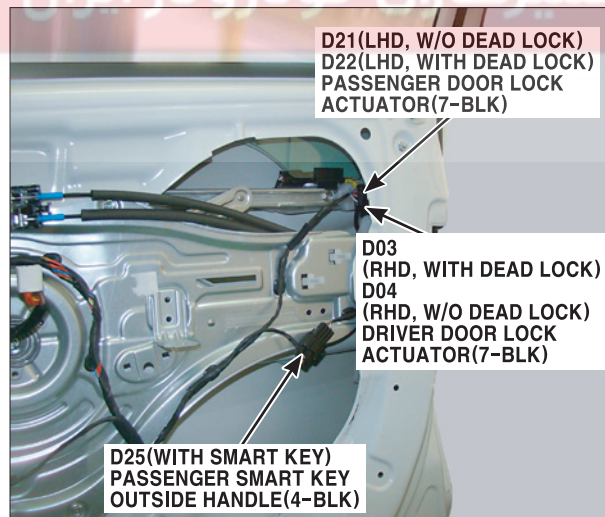
92. Passenger Door



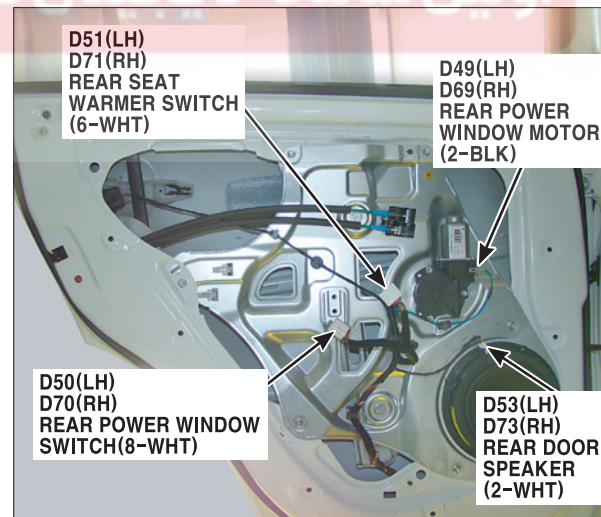
93. Left Front Door



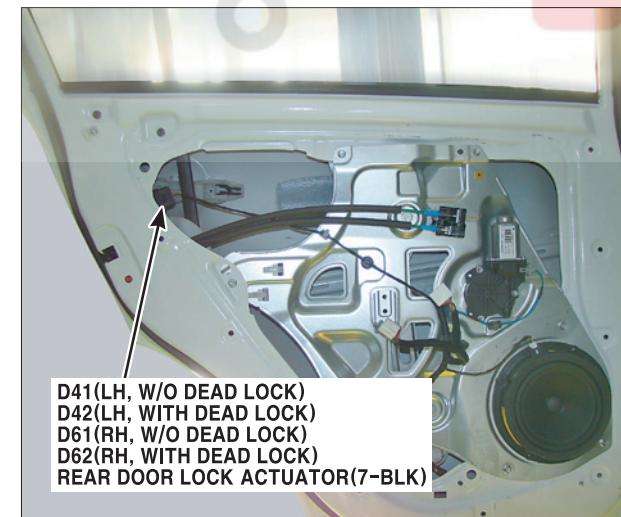
94. Right Front Door



95. Rear Door



96. Rear Door



COMPONENT LOCATIONS

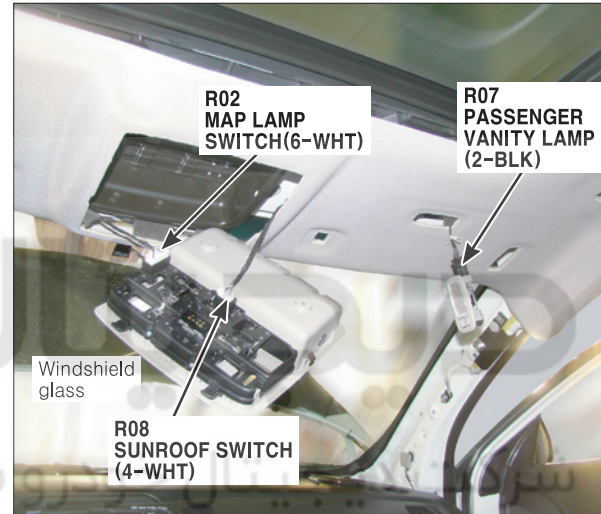
Component Locations (17)

CL-17

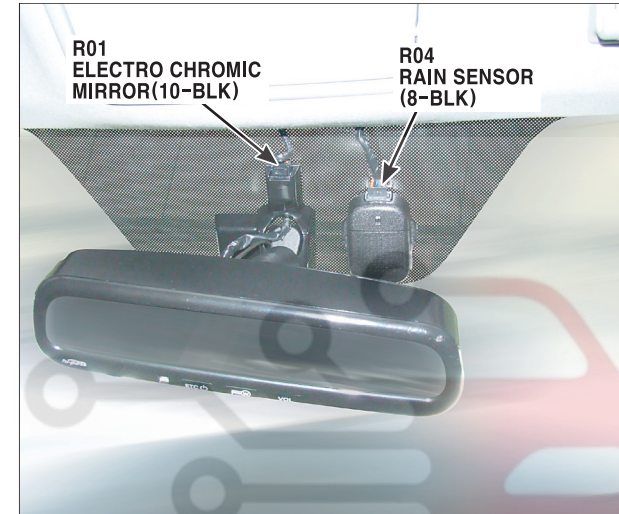
97. Left Front of Roof Trim



98. Front of Roof Trim



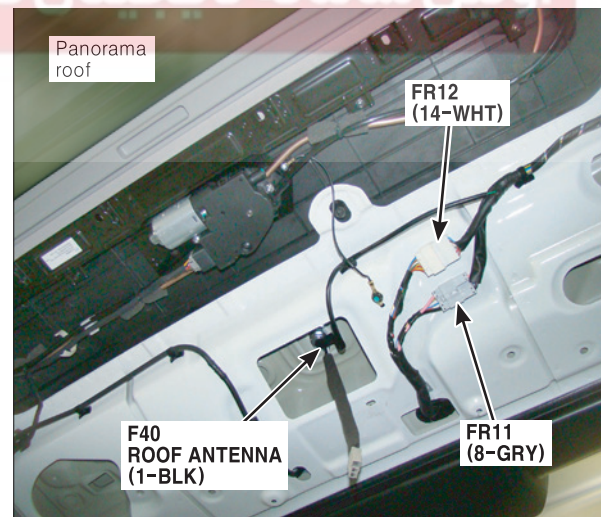
99. Windshield Glass



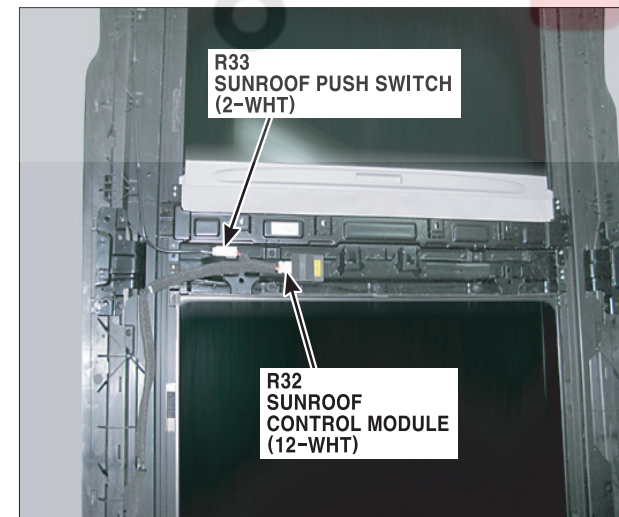
100. Center of Roof Trim



101. Rear of Roof Trim



102. Center of Panorama Roof



COMPONENT LOCATIONS

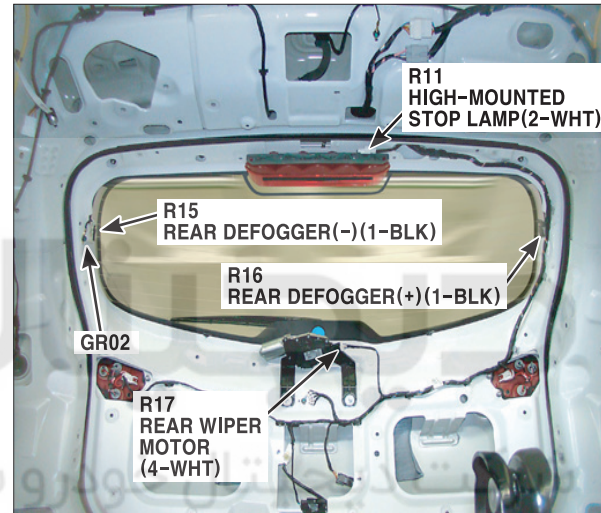
Component Locations (18)

CL-18

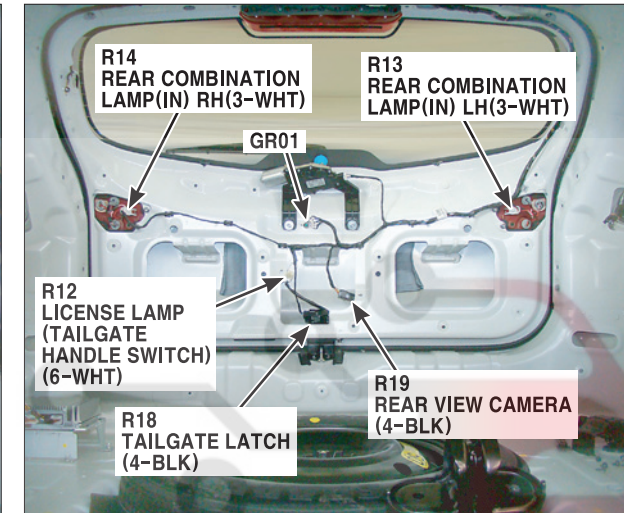
103. Rear of Panorama Roof



104. Tailgate



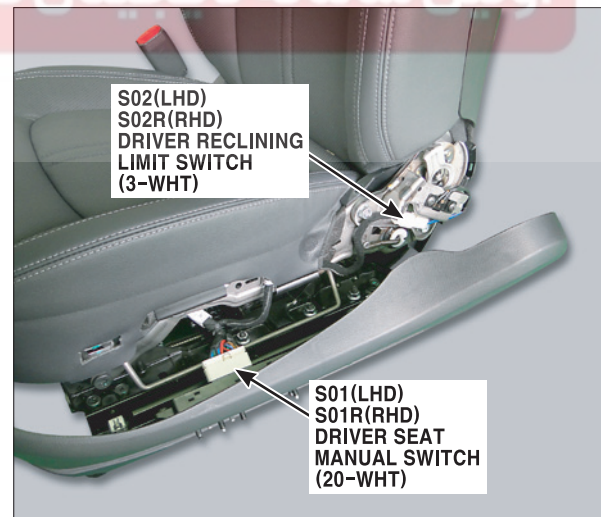
105. Tailgate



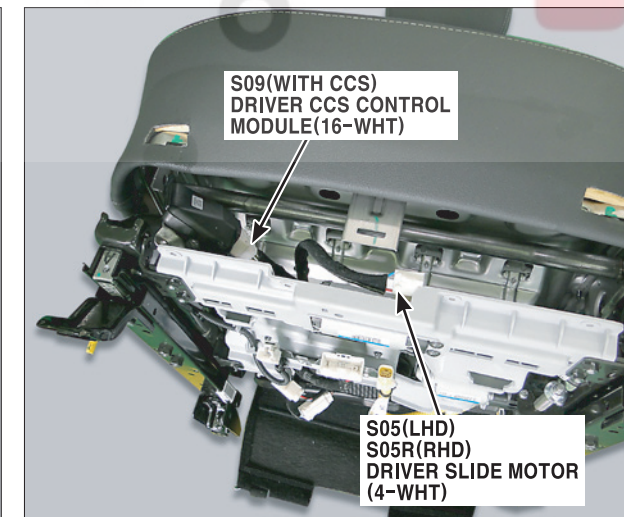
106. Side of Luggage Room



107. Driver Seat



108. Driver Seat

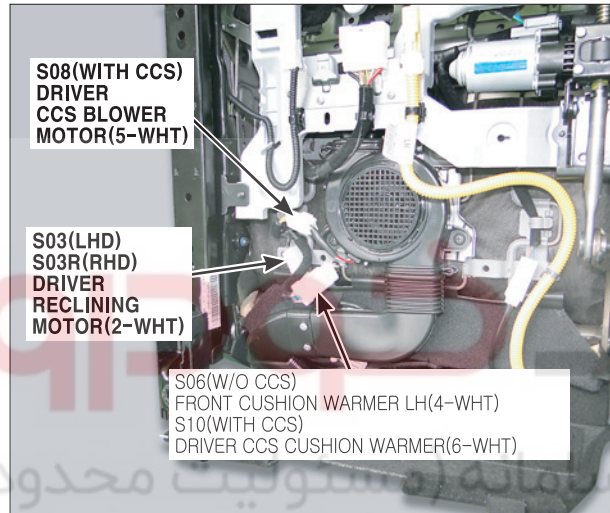


COMPONENT LOCATIONS

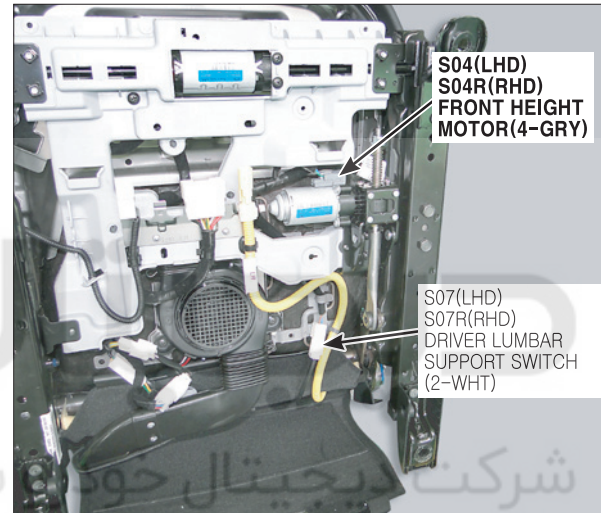
Component Locations (19)

CL-19

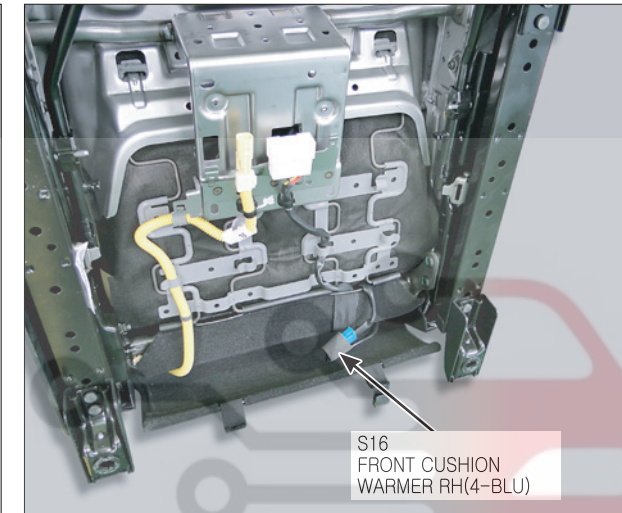
109. Driver Seat



110. Driver Seat



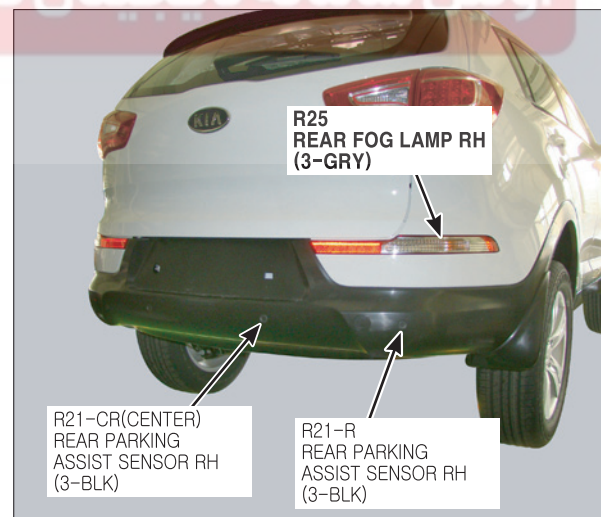
111. Passenger Seat



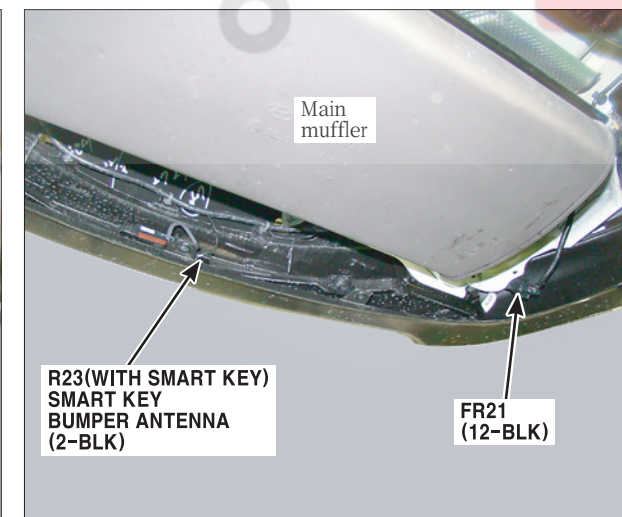
112. Left Side of Rear Bumper



113. Right Side of Rear Bumper



114. Left Under of Rear Bumper

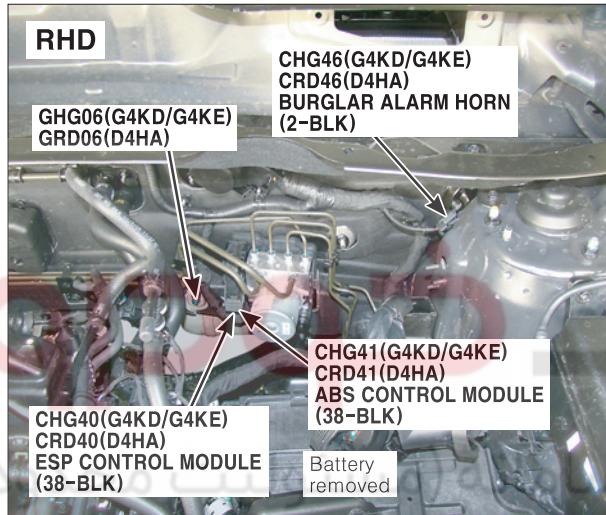


COMPONENT LOCATIONS

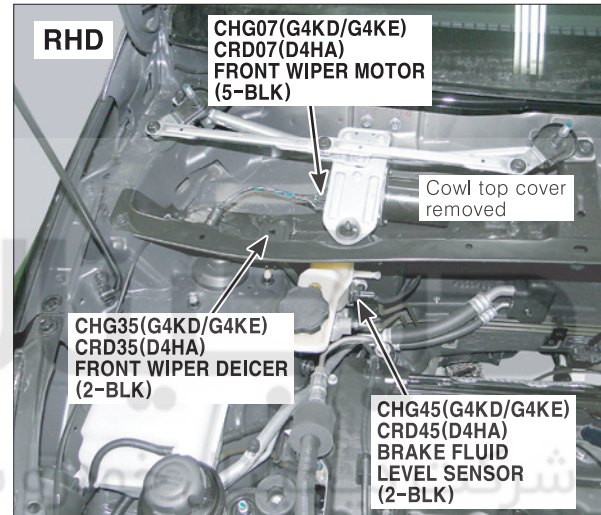
Component Locations (20)

CL-20

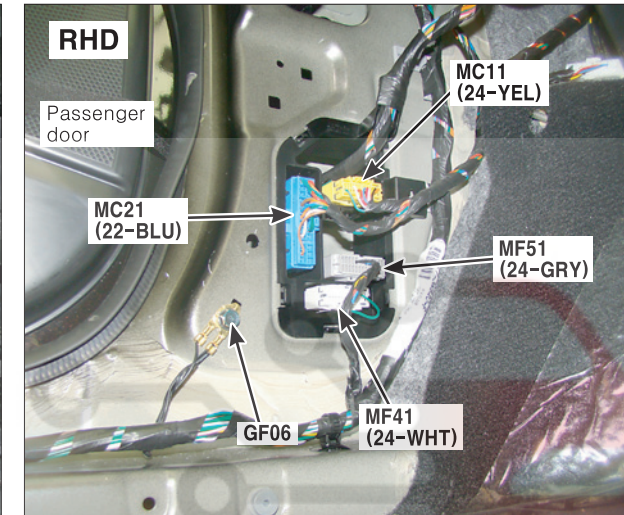
115. Left Rear of Engine Room



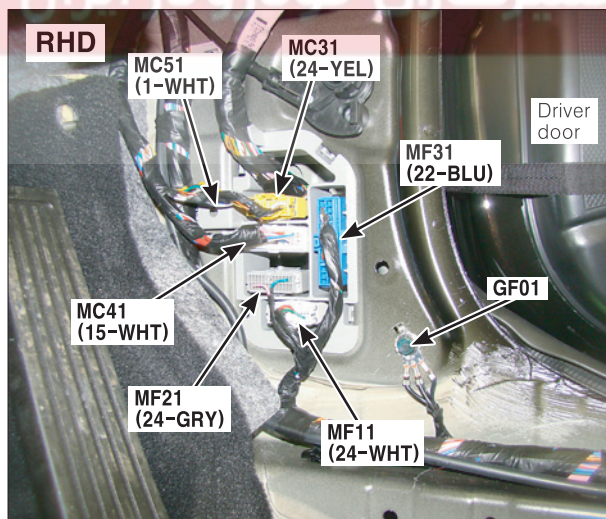
116. Right Side of Cowl Top Panel



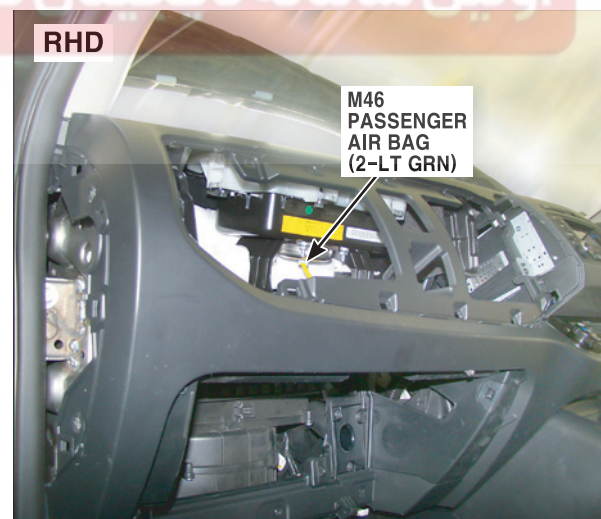
117. Under of Left A-pillar



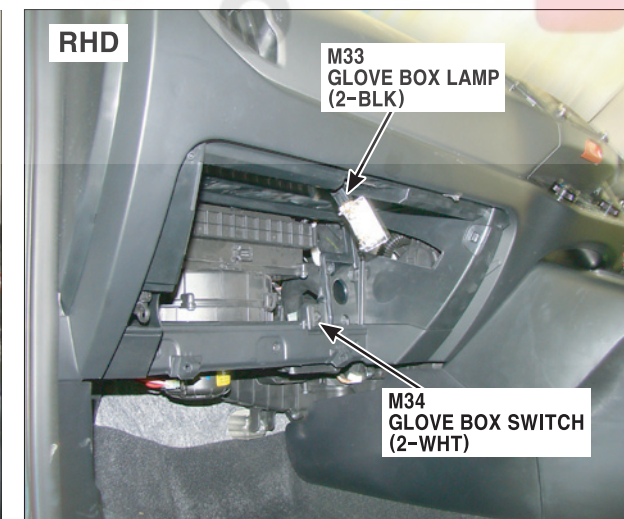
118. Under of Right A-pillar



119. Left Side of Dash Panel



120. Glove Box

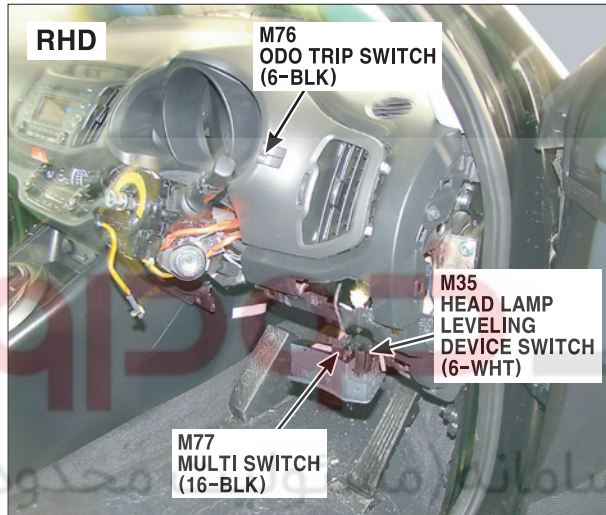


COMPONENT LOCATIONS

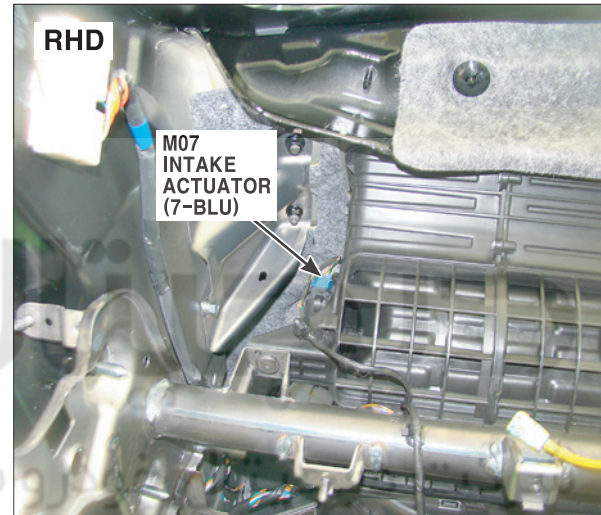
Component Locations (21)

CL-21

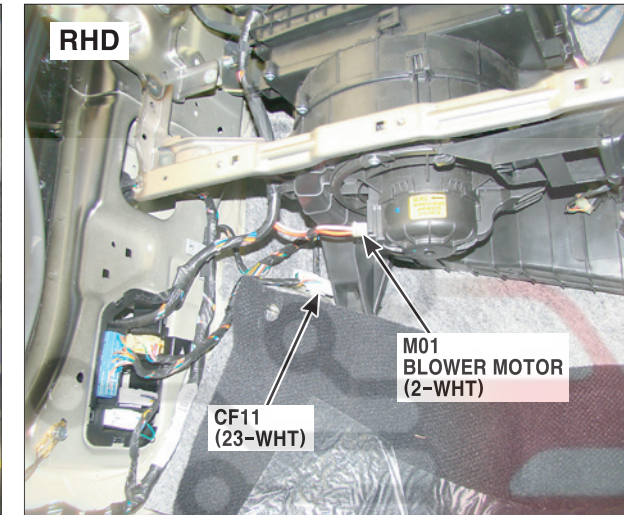
121. Right Side of Dash Panel



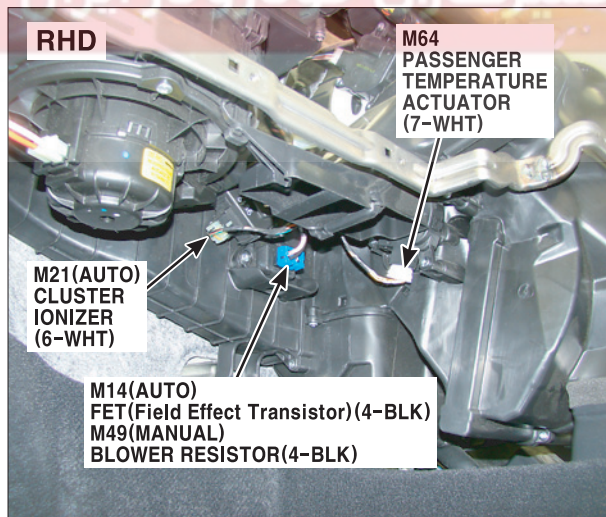
122. Left Top of Dash Panel



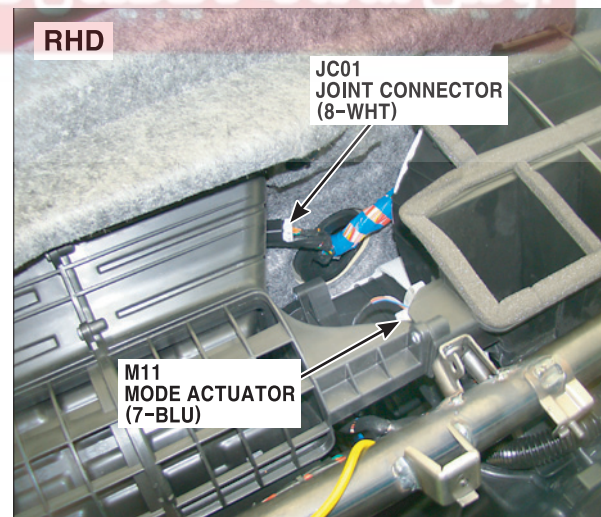
123. Left Under of Dash Panel



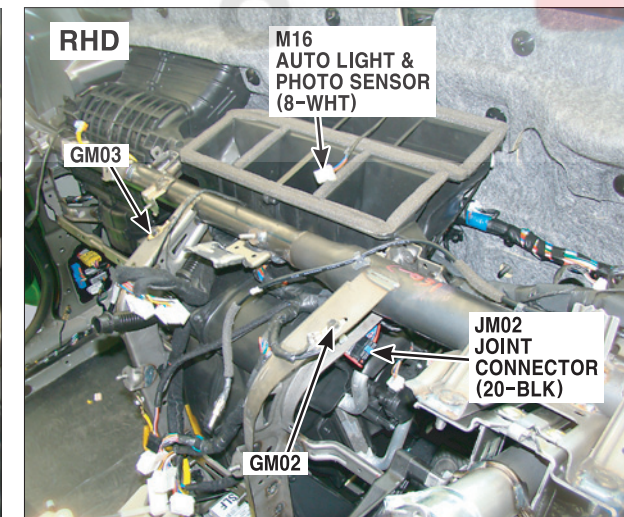
124. Center Under of Dash Panel



125. Center Top of Dash Panel



126. Center Top of Dash Panel

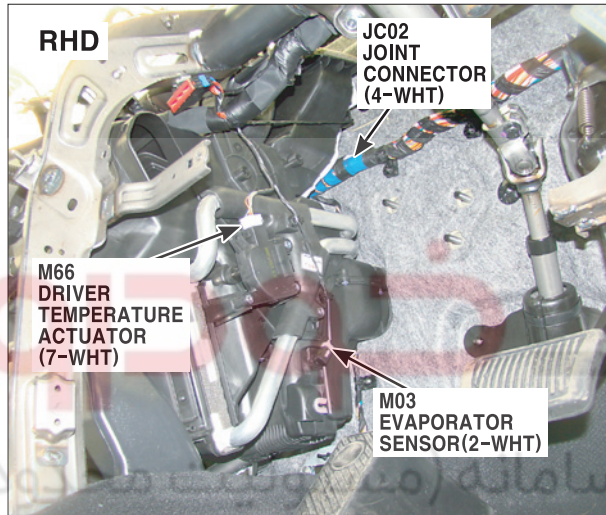


COMPONENT LOCATIONS

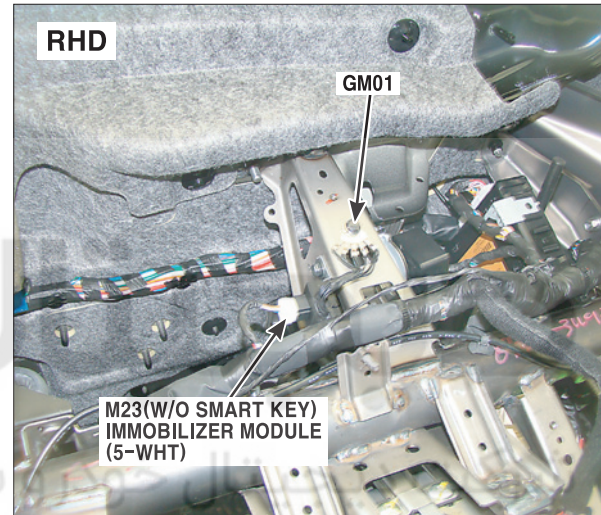
Component Locations (22)

CL-22

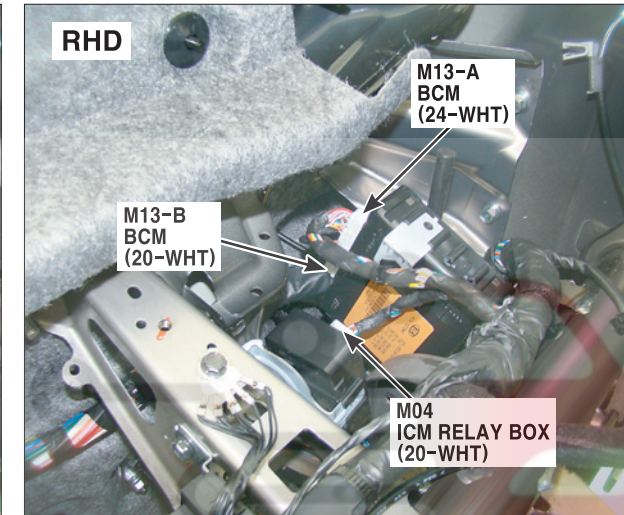
127. Center of Dash Panel



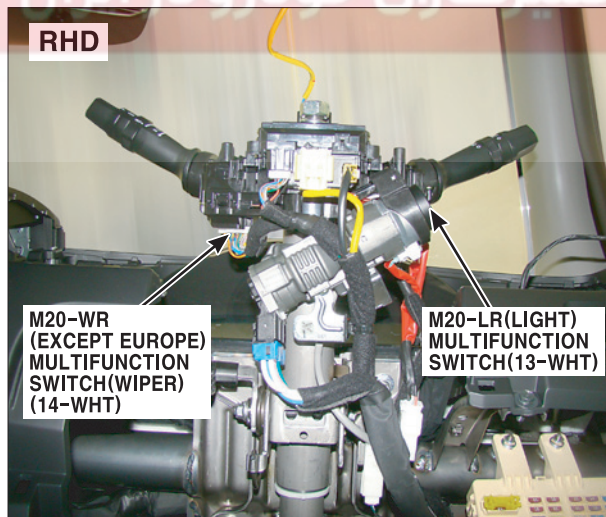
128. Right Top of Dash Panel



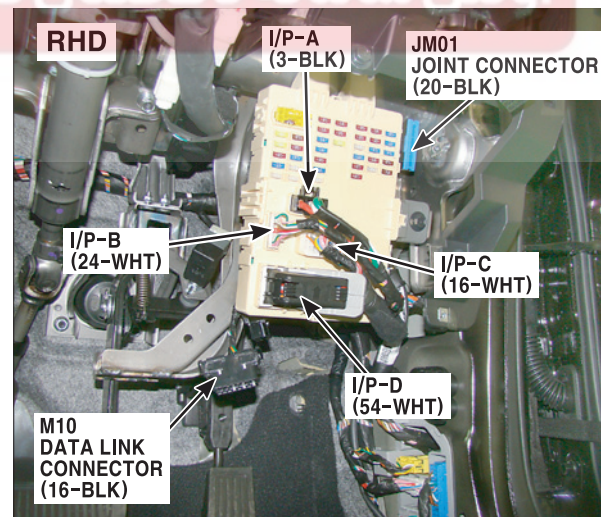
129. Right Top of Dash Panel



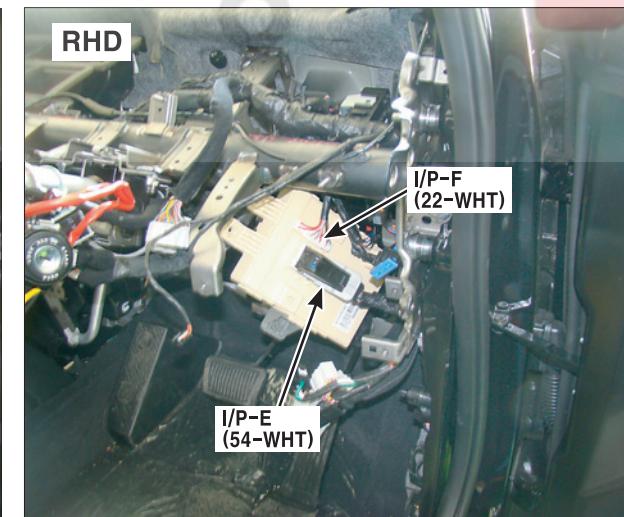
130. Steering Column



131. Right Side of Dash Panel



132. Right Side of Dash Panel

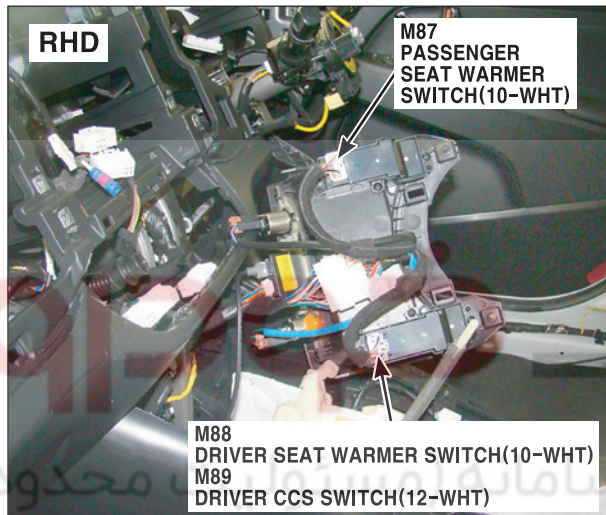


COMPONENT LOCATIONS

Component Locations (23)

CL-23

133. Front of Console



HARNESS LAYOUTS

Main Harness.....	HL-1
Control Harness.....	HL-5
Floor Harness.....	HL-9
Door Harness.....	HL-11
Battery Harness.....	HL-13
Tail Gate & Rear Bumper Harness.....	HL-14
Roof & Sunroof EXT. Harness.....	HL-15
Seat Harness.....	HL-16

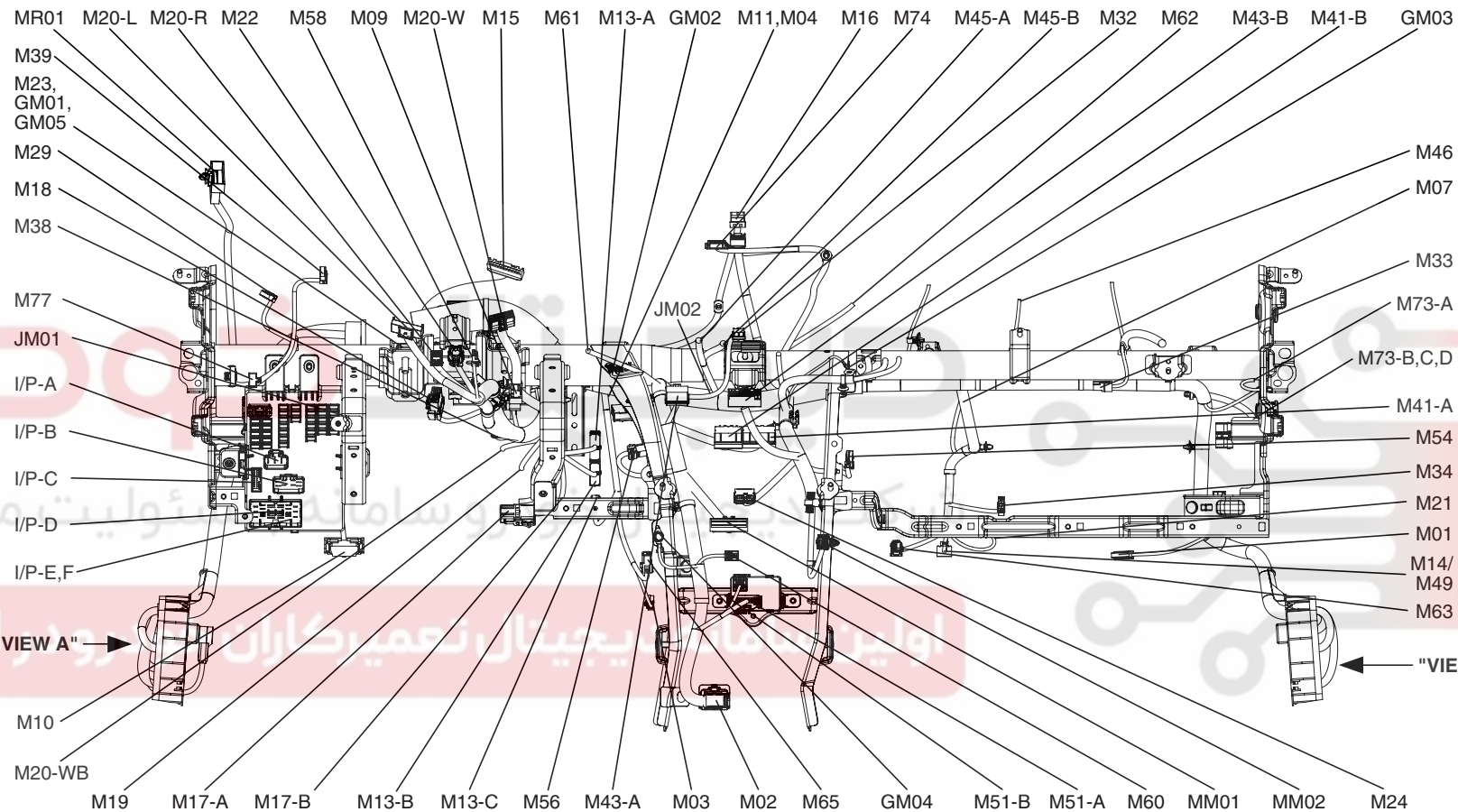


MAIN HARNESS EC934CC4

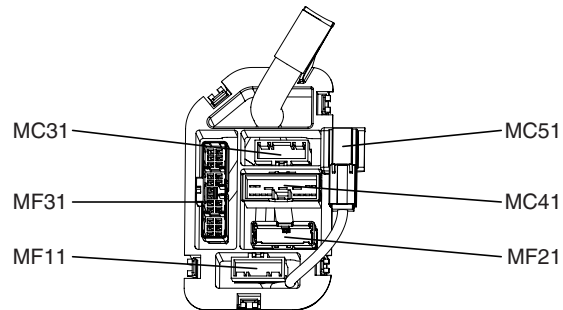
Main Harness (1)

HL-1

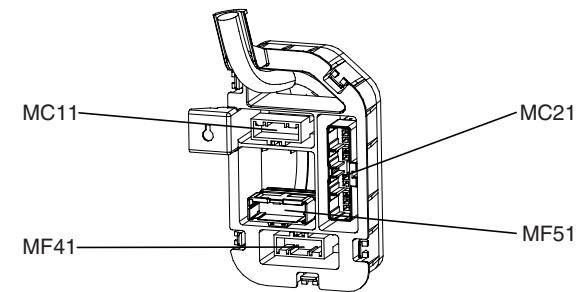
LHD



"VIEW A"



"VIEW B"



MAIN HARNESS

Main Harness (2)

HL-2

LHD

MAIN HARNESS

M01	Blower Motor	M38	Electronic Steering Column Lock (With Smart Key)	MC31	Connection With Control Harness
M02	SRS Control Module			MC41	Connection With Control Harness
M03	Evaporator Sensor	M39	ODO Trip Switch	MC51	Connection With Control Harness
M04	ICM Relay Box	M41-A	A/C Control Module (Auto)	MF11	Connection With Floor Harness
M07	Intake Actuator	M41-B	A/C Control Module (Auto)	MF21	Connection With Floor Harness
M09	Ignition Key ILL. & Door Warning Switch (W/O Smart Key)	M43-A	A/C Control Module (Manual)	MF31	Connection With Floor Harness
M10	Data Link Connector	M43-B	A/C Control Module (Manual)	MF41	Connection With Floor Harness
M11	Mode Actuator	M45-A	Audio	MF51	Connection With Floor Harness
M13-A	BCM	M45-B	Audio	MM01	Connection With CONSOLE EXT. Harness
M13-B	BCM	M46	Passenger Air Bag	MM02	Connection With FOB EXT. Harness
M13-C	BCM	M49	Blower Resistor	MR01	Connection With ROOF Harness
M14	FET(Field Effect Transistor)	M51-A	PDM Relay Box (With Smart Key)	GM01	Ground
M15	Instrument Cluster	M51-B	PDM Relay Box (With Smart Key)	GM02	Ground
M16	Auto Light & Photo Sensor	M54	RF Receiver (With Smart Key)	GM03	Ground
M17-A	EPS Control Module	M56	Rear Parking Assist Buzzer	GM04	Ground
M17-B	EPS Control Module	M58	Steering Angle Sensor	GM05	Ground
M18	Ignition Switch	M60	Smart Key Antenna #1		
M19	Key Solenoid (W/O Smart Key & A/T)	M61	Start/Stop Button Switch (With Smart Key)		
M20-L	Multifunction Switch (Light) (LHD)	M62	Telltale Lamp		
M20-R	Multifunction Switch (Remote Control)	M63	Passenger Temperature Actuator (LHD)		
M20-W	Multifunction Switch (Wiper)	M65	Driver Temperature Actuator (LHD)		
	(LHD, Except Europe)	M73-A	Smart Key Control Module		
M20-WB	Multifunction Switch (Wiper)	M73-B	Smart Key Control Module		
	(Only Europe)	M73-C	Smart Key Control Module		
		M73-D	Smart Key Control Module		
M21	Cluster Ionizer (Auto A/C)	M74	Digital Clock		
M22	Driver Air Bag	M77	Multi Switch		
M23	Immobilizer Module (W/O Smart Key)	I/P-E	Connection With I/P Junction Box		
M24	AUX & USB Jack (W/O A/V Navigation)	I/P-F	Connection With I/P Junction Box		
M29	Head Lamp Leveling Device Switch (LHD)	JM01	Joint Connector		
		JM02	Joint Connector		
M32	Hazard Switch	MC11	Connection With Control Harness		
M33	Glove Box Lamp	MC21	Connection With Control Harness		
M34	Glove Box Switch				

FOB EXT. HARNESS

M75	Fob Holder
MM02	Connection With MAIN Harness

CONSOLE EXT. HARNESS

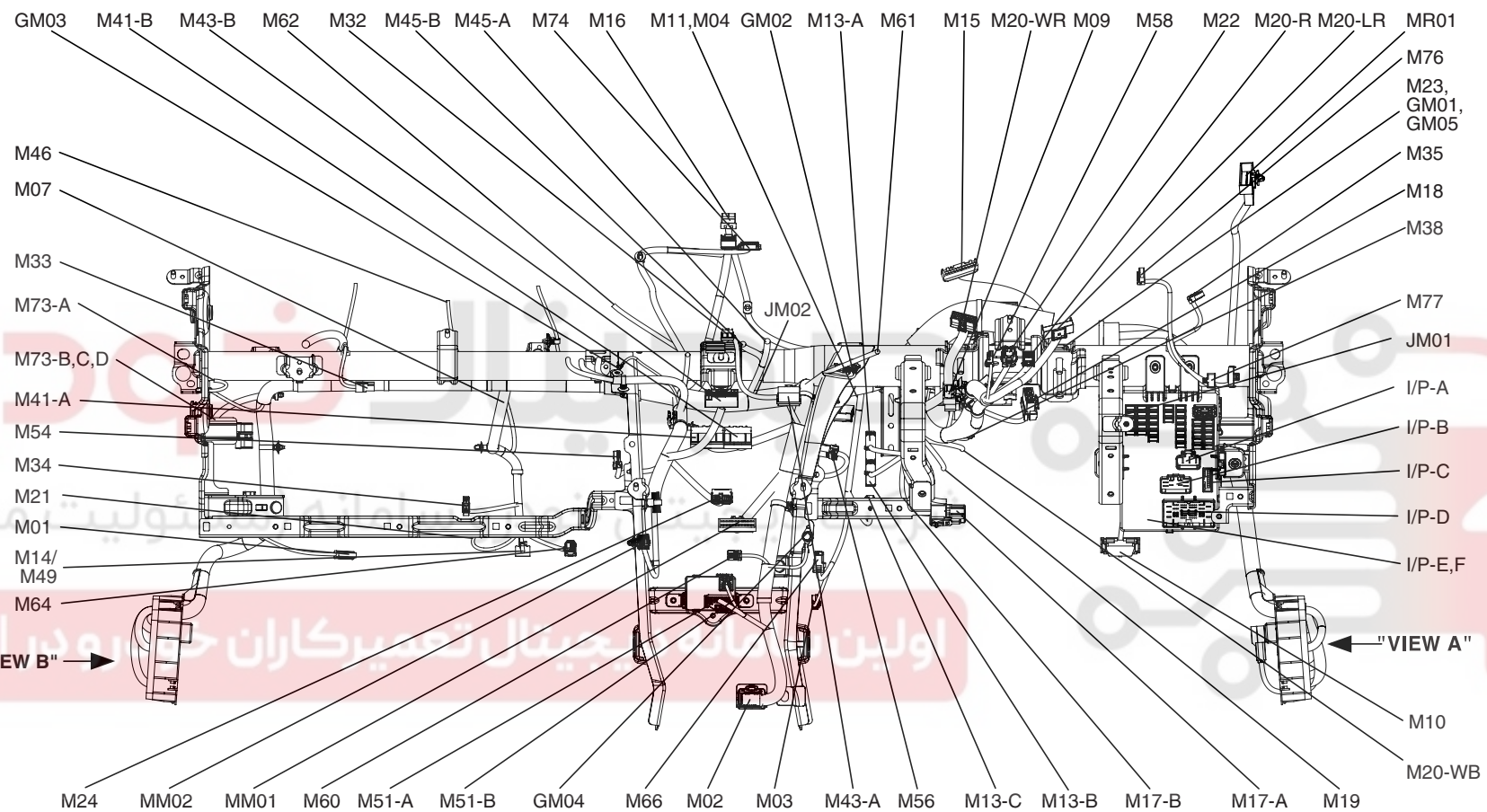
M81	Front Power Outlet LH
M82	Front Cigarette Lighter
M83	Front Power Outlet RH
M84	Driver Seat Warmer Switch (LHD)
M85	Passenger Seat Warmer Switch (LHD)
M86	Driver CCS Switch (LHD)
MM01	Connection With MAIN Harness

MAIN HARNESS

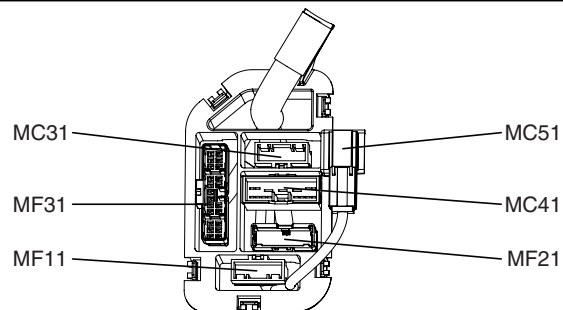
Main Harness (3)

HL-3

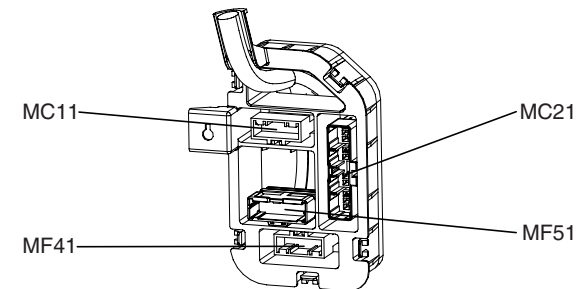
RHD



"VIEW A"



"VIEW B"



MAIN HARNESS

Main Harness (4)

HL-4

RHD

MAIN HARNESS

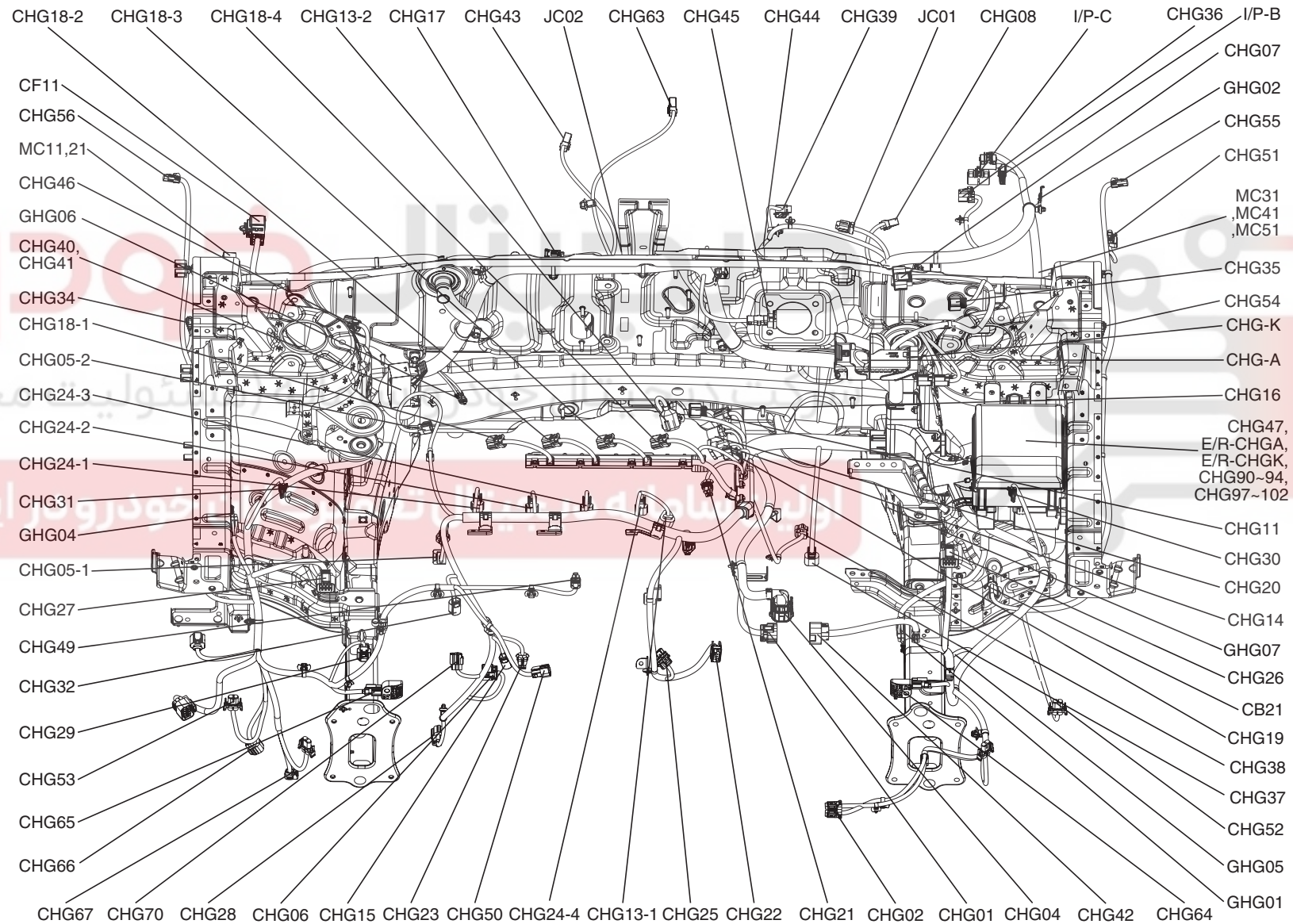
[illegible]

CONTROL HARNESS E370C1A5

Control Harness (1)

HL-5

G4KD/G4KE : THETA II 2.0L/2.4L



CONTROL HARNESS

Control Harness (2)

HL-6

CONTROL HARNESS (G4KD/G4KE : THETA II 2.0L/2.4L)

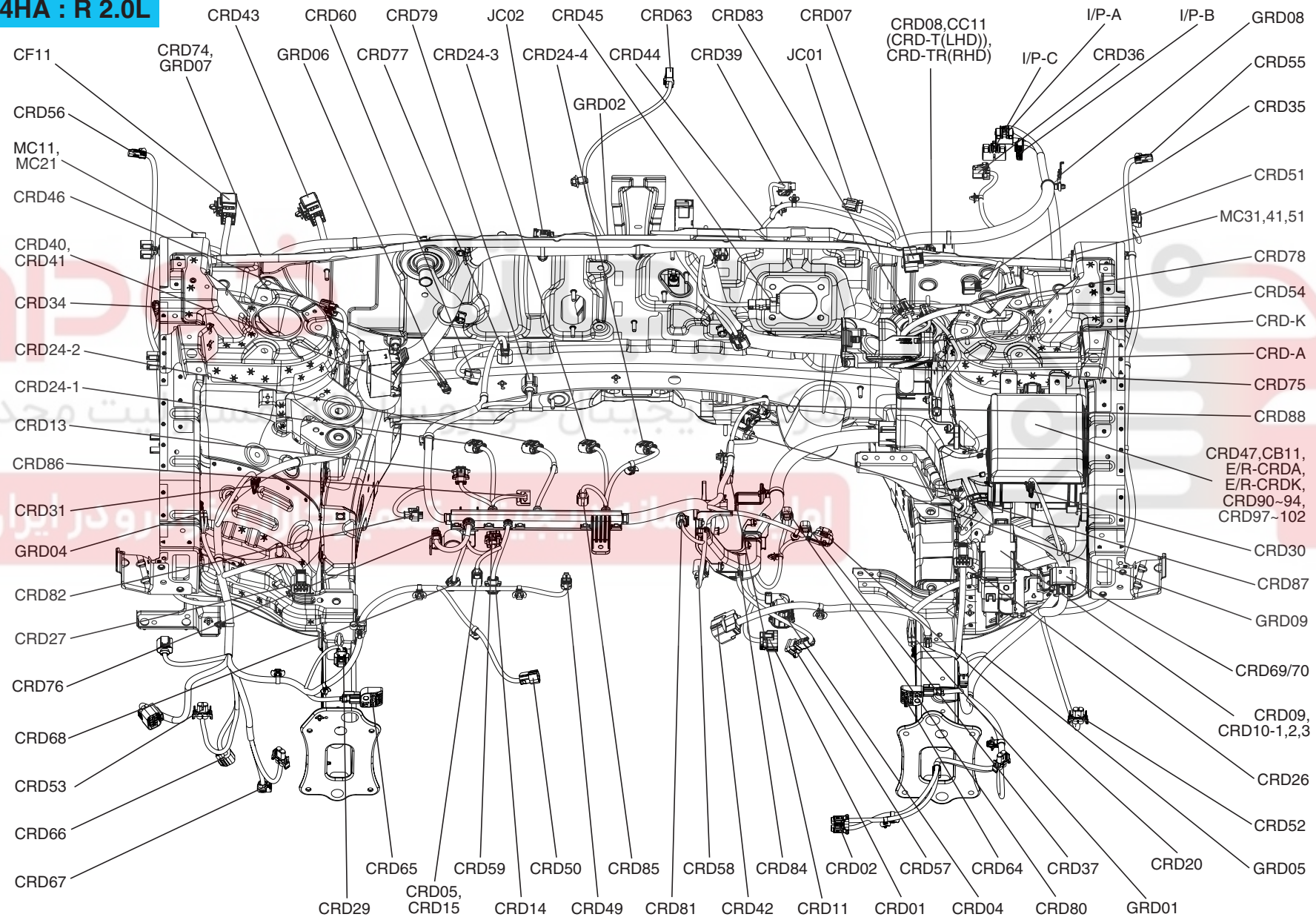
CHG-A	PCM	CHG30	Head Lamp Leveling	CHG70	Variable Intake Manifold Valve
CHG-K	PCM		Device Actuator LH	CHG90	Wiper (Rain Sensor) Relay
CHG01	Transaxle Range Switch	CHG31	Head Lamp Leveling	CHG91	Front Wiper (Low) Relay
CHG02	Ambient Sensor		Device Actuator RH	CHG92	ATM P/N Relay
CHG04	ATM Solenoid Valve	CHG32	Power Steering Switch	CHG93	Front Wiper Deicer Relay
CHG05-1	Oil Control Valve #1	CHG34	Front Wheel Sensor RH	CHG94	Cooling Fan (High) Relay
CHG05-2	Oil Control Valve#2	CHG35	Front Wiper Deicer	CHG97	Rear Defogger Relay
CHG06	Alternator	CHG36	Clutch Switch (M/T)	CHG98	Burglar Alarm Horn Relay
CHG07	Front Wiper Motor	CHG37	Back-Up Lamp Switch	CHG99	Start Relay
CHG08	Ignition Lock Switch (M/T)		(G4KD M/T)	CHG100	Cooling Fan (Low) Relay
CHG11	Engine Coolant Temperature Sensor	CHG38	Back-Up Lamp Switch	CHG101	Horn Relay
CHG13-1	Camshaft Position Sensor #1		(G4KE M/T)	CHG102	Blower Relay
CHG13-2	Camshaft Position Sensor #2	CHG39	Stop Lamp Switch	E/R-CHGA	Connection With EMS Box
CHG14	Crankshaft Position Sensor	CHG40	ESP Control Module	E/R-CHGK	Connection With EMS Box
CHG15	Oil Pressure Switch	CHG41	ABS Control Module	I/P-A	Connection With I/P Junction Box
CHG16	Oxygen Sensor (Up) (W/O Euro V)	CHG42	Cooling Fan Motor	I/P-B	Connection With I/P Junction Box
CHG17	Oxygen Sensor (Down)	CHG43	G-Sensor	I/P-C	Connection With I/P Junction Box
CHG18-1	Ignition Coil #1	CHG44	Accel Pedal Position Sensor	JC01	Joint Connector
CHG18-2	Ignition Coil #2	CHG45	Brake Fluid Level Sensor	JC02	Joint Connector
CHG18-3	Ignition Coil #3	CHG46	Burglar Alarm Horn	CB21	Connection With Battery Harness
CHG18-4	Ignition Coil #4	CHG47	Multipurpose Check	CF11	Connection With Floor Harness
CHG19	Condenser		Connector	MC11	Connection With Main Harness
CHG20	Oxygen Sensor (Up) (With Euro V)	CHG49	Hood Switch	MC21	Connection With Main Harness
CHG21	Canister Purge Control Solenoid Valve	CHG50	Horn	MC31	Connection With Main Harness
CHG22	ETC Motor & Throttle Position Sensor	CHG51	External Buzzer	MC41	Connection With Main Harness
CHG23	Knock Sensor	CHG52	Front Fog Lamp LH	MC51	Connection With Main Harness
CHG24-1	Injector #1	CHG53	Front Fog Lamp RH	GHG01	Ground
CHG24-2	Injector #2	CHG54	Front Wheel Sensor LH	GHG02	Ground
CHG24-3	Injector #3	CHG55	Side Repeater Lamp LH	GHG04	Ground
CHG24-4	Injector #4	CHG56	Side Repeater Lamp RH	GHG05	Ground
CHG25	MAP Sensor	CHG63	ATM Shift Lever	GHG06	Ground
CHG26	Head Lamp LH	CHG64	Driver Front Impact Sensor	GHG07	Ground
CHG27	Head Lamp RH	CHG65	Passenger Front Impact Sensor		
CHG28	A/C Compressor	CHG66	Front Washer Motor		
CHG29	A/C Pressure Transducer	CHG67	Rear Washer Motor		

CONTROL HARNESS

Control Harness (3)

HL-7

D4HA : R 2.0L



CONTROL HARNESS

Control Harness (4)

HL-8

CONTROL HARNESS (D4HA : R 2.0L)

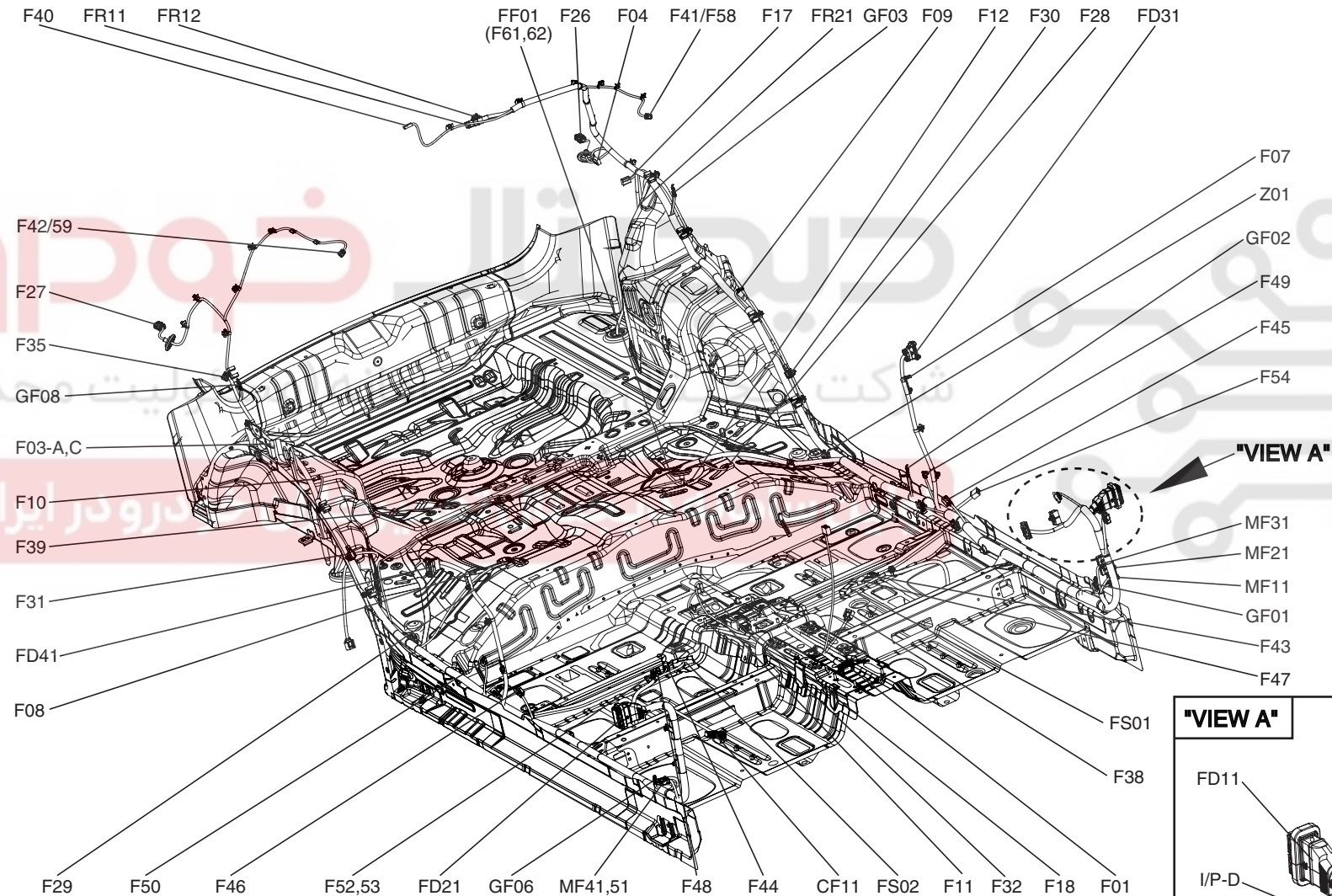
CRD-A	ECM	CRD35	Brake Fluid Level Sensor	CRD91	Front Wiper (Low) Relay
CRD-K	ECM	CRD46	Burglar Alarm Horn	CRD92	ATM P/N Relay
CRD-TR	TCM (RHD)	CRD47	Multipurpose Check Connector	CRD93	Front Wiper Deicer Relay
CRD01	Transaxle Range Switch	CRD49	Hood Switch	CRD94	Cooling Fan (High) Relay
CRD02	Ambient Sensor	CRD50	Horn	CRD97	Rear Defogger Relay
CRD04	ATM Solenoid Valve	CRD51	External Buzzer	CRD98	Burglar Alarm Horn Relay
CRD05	Oil Level Sensor	CRD52	Front Fog Lamp LH	CRD99	Start Relay
CRD07	Front Wiper Motor	CRD53	Front Fog Lamp RH	CRD100	Cooling Fan (Low) Relay
CRD08	Ignition Lock Switch (M/T)	CRD54	Front Wheel Sensor LH	CRD101	Horn Relay
CRD09	Fuel Filter Heater Relay	CRD55	Side Repeater Lamp LH	CRD102	Blower Relay
CRD10-1	PTC Heater Relay #1	CRD56	Side Repeater Lamp RH	E/R-CRDA	Connection With EMS Box
CRD10-2	PTC Heater Relay #2	CRD57	Intake Temperature Sensor	E/R-CRDK	Connection With EMS Box
CRD10-3	PTC Heater Relay #3	CRD58	Air Control Valve	I/P-A	Connection With I/P Junction Box
CRD11	Engine Coolant Temperature Sensor	CRD59	Boost Pressure Sensor	I/P-B	Connection With I/P Junction Box
CRD13	Camshaft Position Sensor	CRD60	Differential Pressure Sensor	I/P-C	Connection With I/P Junction Box
CRD14	Crankshaft Position Sensor	CRD63	ATM Shift Lever	JC01	Joint Connector
CRD15	Oil pressure switch	CRD64	Driver Front Impact Sensor	JC02	Joint Connector
CRD20	Mass air flow sensor	CRD65	Passenger Front Impact Sensor	CB11	Connection With Battery Harness
CRD24-1	Injector #1	CRD66	Front Washer Motor	CC11	Connection With TCM Harness
CRD24-2	Injector #2	CRD67	Rear Washer Motor	CF11	Connection With Floor Harness
CRD24-3	Injector #3	CRD68	Fuel Pressure Regulating Valve	MC11	Connection With Main Harness
CRD24-4	Injector #4	CRD69	Glow Relay Unit (M/T & Euro V)	MC21	Connection With Main Harness
CRD26	Head Lamp LH	CRD70	Glow Relay Unit (A/T or M/T & W/O Euro V)	MC31	Connection With Main Harness
CRD27	Head Lamp RH	CRD74	PTC Heater	MC41	Connection With Main Harness
CRD29	A/C Pressure Transducer	CRD75	Fuel Filter Heater	MC51	Connection With Main Harness
CRD30	Head Lamp Leveling Device Actuator LH	CRD76	Glow Plug	GRD01	Ground
CRD31	Head Lamp Leveling Device Actuator RH	CRD77	Exhaust Gas Temperature Sensor	GRD02	Ground
CRD34	Front Wheel Sensor RH	CRD78	Fuel Filter Warning Sensor	GRD04	Ground
CRD35	Front Wiper Deicer	CRD79	Lambda Sensor	GRD05	Ground
CRD36	Clutch Switch (M/T)	CRD80	Neutral Switch (M/T)	GRD06	Ground
CRD37	Back-Up Lamp Switch (M/T)	CRD81	Rail Pressure Regulator Valve	GRD07	Ground
CRD39	Stop Lamp Switch	CRD82	Rail Pressure Sensor	GRD08	Ground
CRD40	ESP Control Module	CRD83	Thermo Switch	GRD09	Ground
CRD41	ABS Control Module	CRD84	Variable Swirl Control Actuator		
CRD42	Cooling Fan Motor	CRD85	Fuel Temperature Sensor		
CRD43	G-Sensor	CRD86	EGR Cooling Bypass Solenoid Valve		
CRD44	Accel Pedal Position Sensor	CRD87	EGR Actuator		
		CRD88	Electrical VGT Actuator		
		CRD90	Wiper (Rain Sensor) Relay		

TCU HARNESS	
CRD-T	TCM
CC11	Connection With CONTROL Harness

FLOOR HARNESS E8E58E16

Floor Harness (1)

HL-9



FLOOR HARNESS

Floor Harness (2)

HL-10

FLOOR HARNESS

F01	SRS Control Module	F52	Seat Belt Reminder Sensor (Australia)
F03-A	AMP	F53	Seat Belt Reminder Sensor (Europe)
F03-C	AMP	F54	Driver Seat Belt Pretensioner Anchor
F04	Luggage Lamp	F58	Driver Curtain Air Bag (With Rollover Sensor)
F05	4WD ECM	F59	Passenger Curtain Air Bag (With Rollover Sensor)
F07	Driver Door Switch	I/P-D	Connection with I/P JUNCTION BOX
F08	Passenger Door Switch	CF11	Connection with CONTROL harness
F09	Rear Door Switch LH	FD11	Connection with DRIVER DOOR harness
F10	Rear Door Switch RH	FD21	Connection with PASSENGER DOOR harness
F11	Smart Key Antenna #2	FD31	Connection with REAR DOOR LH harness
F12	Fuel Sender & Fuel Pump Motor	FD41	Connection with REAR DOOR RH harness
F17	Rear Power Outlet	FF01	Connection with 4WD EXT. harness
F18	Yaw Rate Sensor	FR11	Connection With Tail Gate Harness
F26	Rear Combination Lamp (Out) LH	FR12	Connection With Tail Gate Harness
F27	Rear Combination Lamp (Out) RH	FR21	Connection With Bumper Harness
F28	Rear Seat Warmer LH	FS01	Connection with DRIVER SEAT harness
F29	Rear Seat Warmer RH	FS02	Connection with PASSENGER SEAT harness
F30	Rear Wheel Sensor LH	MF11	Connection with MAIN harness
F31	Rear Wheel Sensor RH	MF21	Connection with MAIN harness
F32	Hand Parking Brake Switch(Hand Type)	MF31	Connection with MAIN harness
F33	Foot Parking Brake Switch(Foot Type)	MF41	Connection with MAIN harness
F35	Sub Woofer Speaker	MF51	Connection with MAIN harness
F38	ATM Shift Lever Ill.	GF01	Ground
F39	Smart Key Antenna #3	GF02	Ground
F40	Roof Antenna	GF03	Ground
F41	Driver Curtain Air Bag	GF06	Ground
F42	Passenger Curtain Air Bag	GF08	Ground
F43	Driver Side Air Bag	Z01	Diode
F44	Passenger Side Air Bag		
F45	Driver Side Impact Sensor		
F46	Passenger Side Impact Sensor		
F47	Driver Seat Belt Buckle Switch		
F48	Passenger Seat Belt Buckle Switch		
F49	Driver Seat Belt Pretensioner		
F50	Passenger Seat Belt Pretensioner		

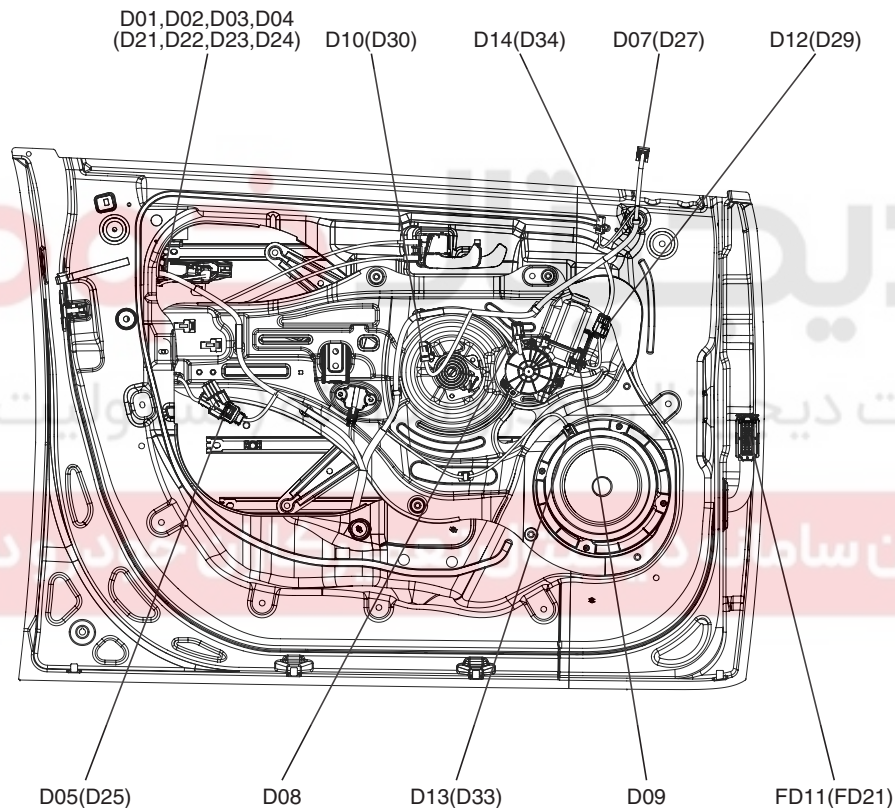
4WD EXT. HARNESS

F61	4WD Motor
F62	4WD Pressure Sensor
FF01	Connection with FLOOR Harness

DOOR HARNESS E611EF0D

Door Harness (1)

HL-11



DRIVER DOOR HARNESS

- D01 Driver Door Lock Actuator (LHD, W/O Dead Lock)
- D02 Driver Door Lock Actuator (LHD, With Dead Lock)
- D03 Driver Door Lock Actuator (RHD, With Dead Lock)
- D04 Driver Door Lock Actuator (RHD, W/O Dead Lock)
- D05 Driver Smart Key Outside Handle
- D07 Driver Power Outside Mirror
- D08 Power Outside Mirror Switch
- D09 Driver Power Window Motor
- D10 Power Window Main Switch
- D12 Driver Safety Power Window Module (With Safety)
- D13 Driver Door Speaker
- D14 Driver Door Tweeter Speaker
- FD11 Connection With Floor Harness

PASSENGER DOOR HARNESS

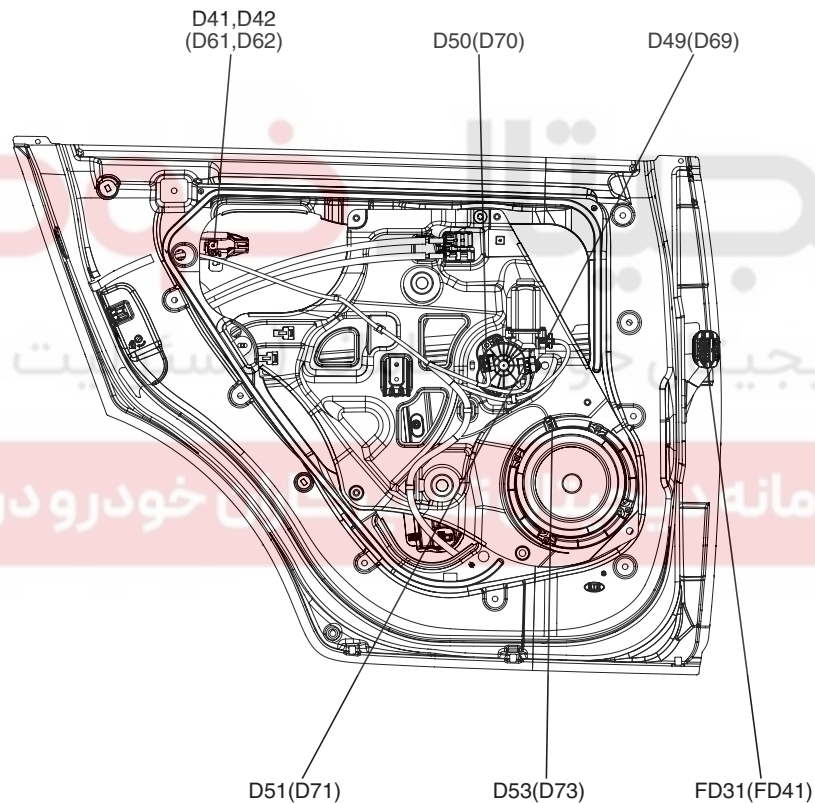
- D21 Passenger Door Lock Actuator (LHD, W/O Dead Lock)
- D22 Passenger Door Lock Actuator (LHD, With Dead Lock)
- D23 Passenger Door Lock Actuator (RHD, With Dead Lock)
- D24 Passenger Door Lock Actuator (RHD, W/O Dead Lock)
- D25 Passenger Smart Key Outside Handle
- D27 Passenger Power Outside Mirror
- D29 Passenger Power Window Motor
- D30 Passenger Power Window Switch
- D33 Passenger Door Speaker
- D34 Passenger Door Tweeter Speaker
- FD21 Connection With Floor Harness

() : Passenger

DOOR HARNESS

Door Harness (2)

HL-12



REAR DOOR LH HARNESS

- D41 Rear Door Lock Actuator LH (W/O Dead Lock)
- D42 Rear Door Lock Actuator LH (With Dead Lock)
- D49 Rear Power Window Motor LH
- D50 Rear Power Window Switch LH
- D51 Rear Seat Warmer Switch LH
- D53 Rear Door Speaker LH
- FD31 Connection With Floor Harness

REAR DOOR RH HARNESS

- D61 Rear Door Lock Actuator RH (W/O Dead Lock)
- D62 Rear Door Lock Actuator RH (With Dead Lock)
- D69 Rear Power Window Motor RH
- D70 Rear Power Window Switch RH
- D71 Rear Seat Warmer Switch RH
- D73 Rear Door Speaker RH
- FD41 Connection With Floor Harness

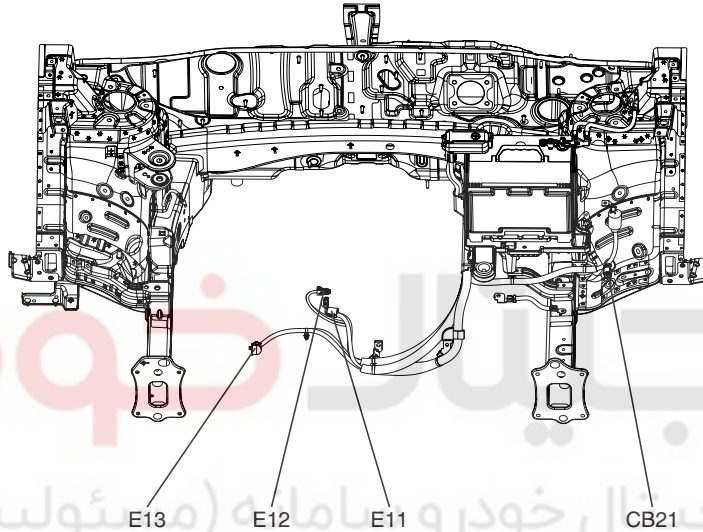
() : RH

BATTERY HARNESS EDB393CE

Battery Harness (1)

HL-13

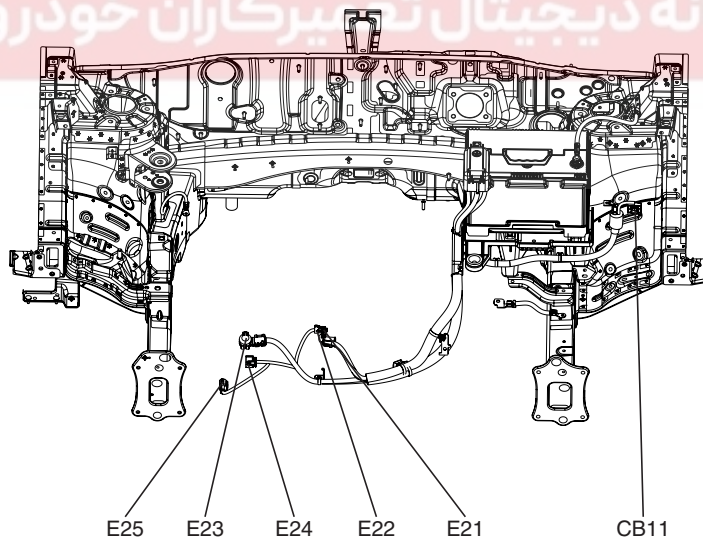
G4KD/G4KE : THETA II 2.0L/2.4L



BATTERY HARNESS (G4KD/G4KE : THETA II 2.0L/2.4L)

- E11 Start Motor
- E12 Start Solenoid
- E13 Alternator
- CB21 Connection with CONTROL harness

D4HA : R 2.0L



BATTERY HARNESS (D4HA : R 2.0L)

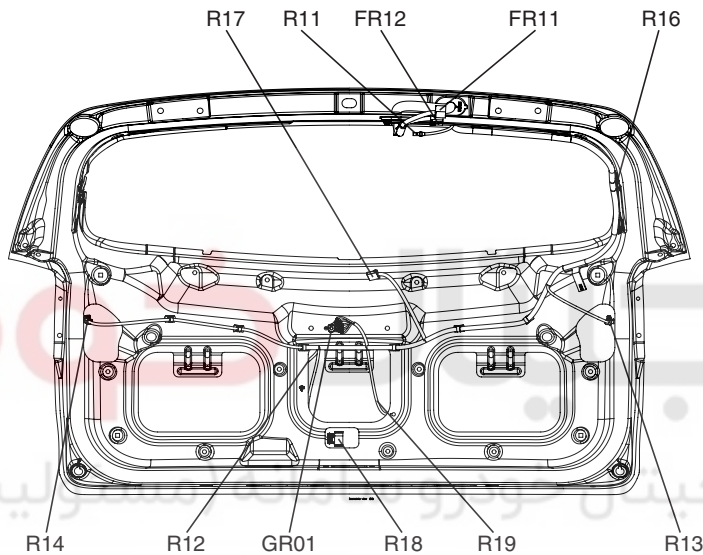
- E21 Start Motor
- E22 Start Solenoid
- E23 Alternator
- E24 Alternator
- E25 A/C Compressor
- CB11 Connection with CONTROL harness

TAIL GATE & REAR BUMPER HARNESS E0AFBB3

Tail Gate & Rear Bumper Harness (1)

HL-14

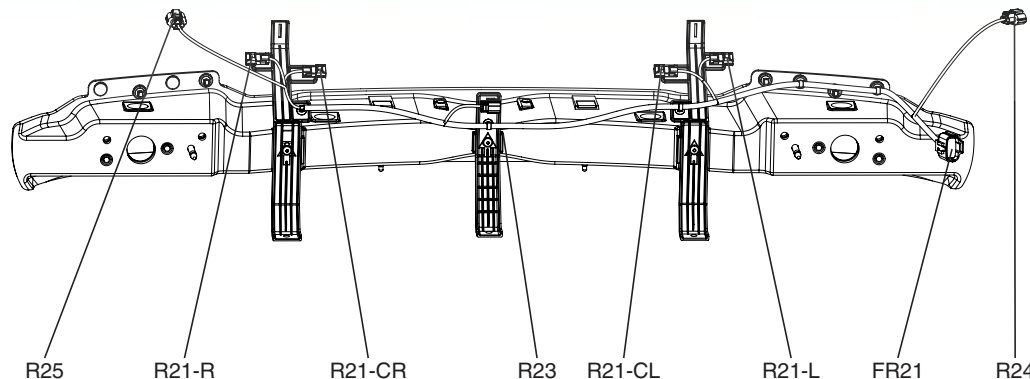
TAIL GATE HARNESS



TAIL GATE HARNESS

R11	High-Mounted Stop Lamp
R12	License Lamp (Tail Gate Handle Switch)
R13	Rear combination lamp (In) LH
R14	Rear combination lamp (In) RH
R16	Rear Defogger (+)
R17	Rear Wiper Motor
R18	Tail Gate Latch
R19	Rear View Camera
FR11	Connection with FLOOR Harness
FR12	Connection with FLOOR Harness
GR01	Ground

REAR BUMPER HARNESS



REAR BUMPER HARNESS

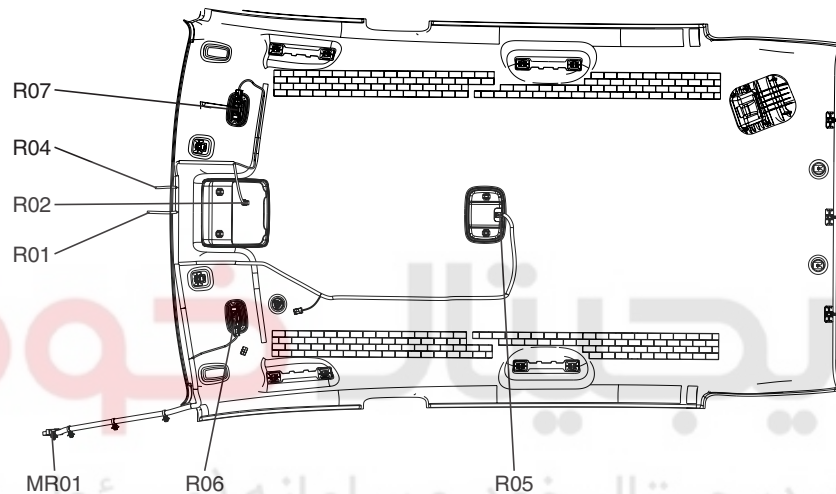
R21-L	Rear Parking Assist Sensor LH
R21-CL	Rear Parking Assist Sensor Center LH
R21-R	Rear Parking Assist Sensor RH
R21-CR	Rear Parking Assist Sensor Center RH
R23	Smart Key Bumper antenna
R24	Rear Fog Lamp LH
R25	Rear Fog Lamp RH
FR21	Connection with FLOOR Harness

ROOF & SUNROOF EXT. HARNESS E315DA60

Roof & Sunroof EXT. Harness (1)

HL-15

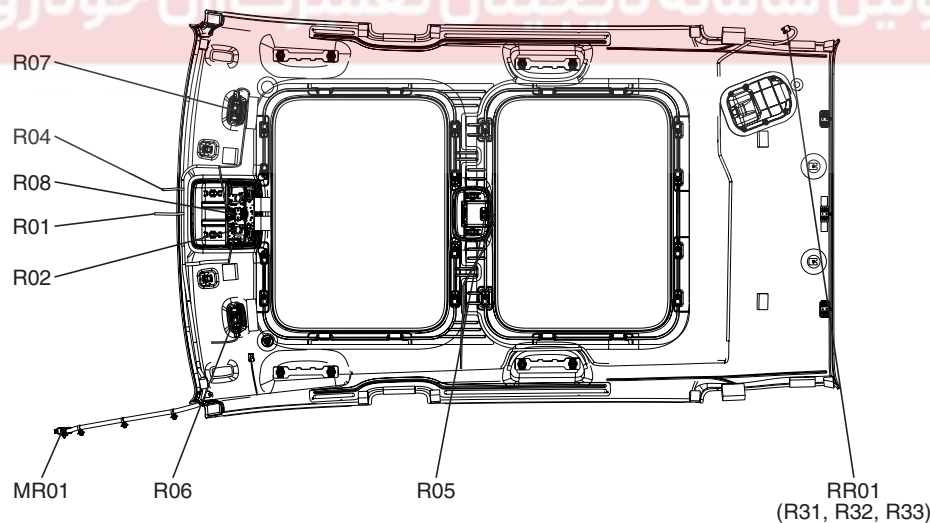
W/O Sunroof



ROOF HARNESS

- R01 Electro chromic mirror
- R02 Map Lamp Switch
- R04 Rain Sensor
- R05 Room Lamp
- R06 Driver Vanity Lamp
- R07 Passenger Vanity Lamp
- R08 Sunroof Switch
- MR01 Connection With MAIN Harness
- RR01 Connection With SUNROOF EXT. Harness

With Sunroof



SUNROOF EXT. HARNESS

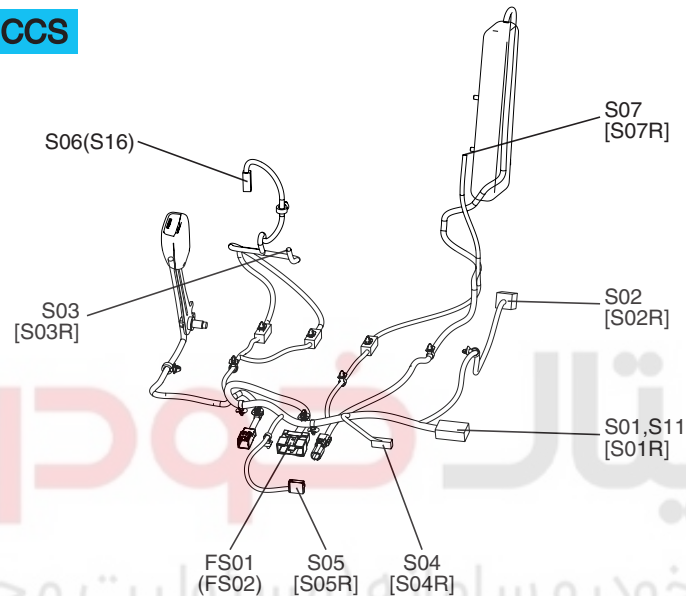
- R31 Sunroof Motor
- R32 Sunroof Control Module
- R33 Sunroof Push Switch
- RR01 Connection With ROOF Harness

SEAT HARNESS EC10754E

Seat Harness (1)

HL-16

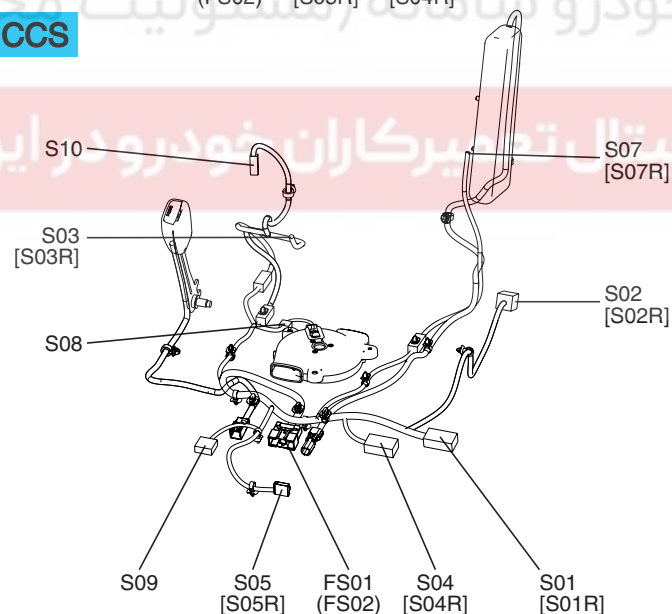
W/O CCS



DRIVER SEAT HARNESS

S01	Driver Seat Manual Switch (LHD)
S01R	Driver Seat Manual Switch (RHD)
S02	Driver Reclining Limit Switch (LHD)
S02R	Driver Reclining Limit Switch (RHD)
S03	Driver Reclining Motor (LHD)
S03R	Driver Reclining Motor (RHD)
S04	Front Height Motor (LHD)
S04R	Front Height Motor (RHD)
S05	Driver Slide Motor (LHD)
S05R	Driver Slide Motor (RHD)
S06	Front Cushion Warmer LH
S07	Driver Lumbar Support Switch (LHD)
S07R	Driver Lumbar Support Switch (RHD)
S08	Driver CCS Blower motor (With CCS)
S09	Driver CCS Control module
S10	Driver CCS Cushion Warmer (With CCS)
S11	Driver Seat Manual Switch
FS01	Connection with FLOOR Harness

With CCS



PASSENGER SEAT HARNESS

S16	Front Cushion Warmer RH
FS02	Connection with FLOOR Harness

[] : RHD
() : Passenger