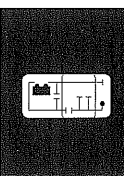


# HARNESS LAYOUTS

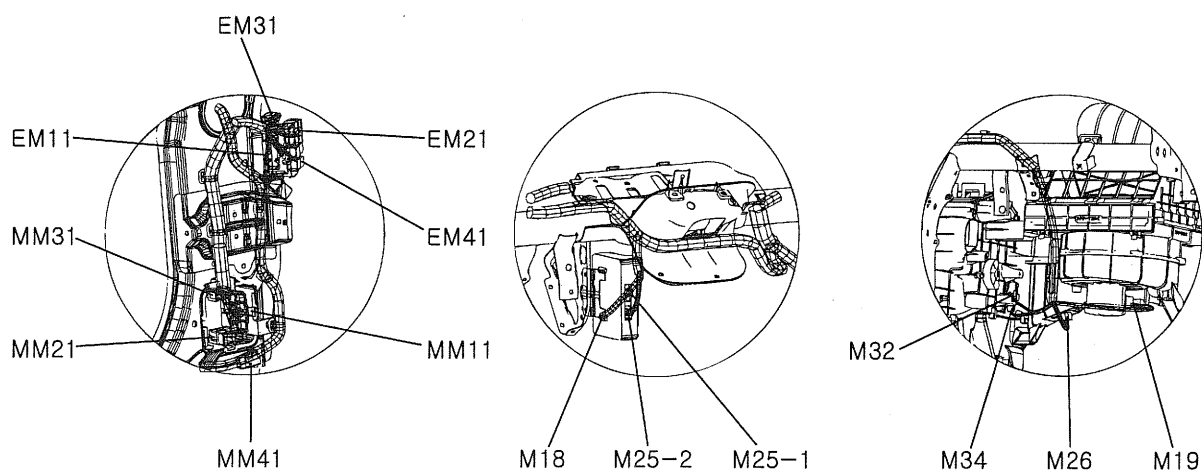
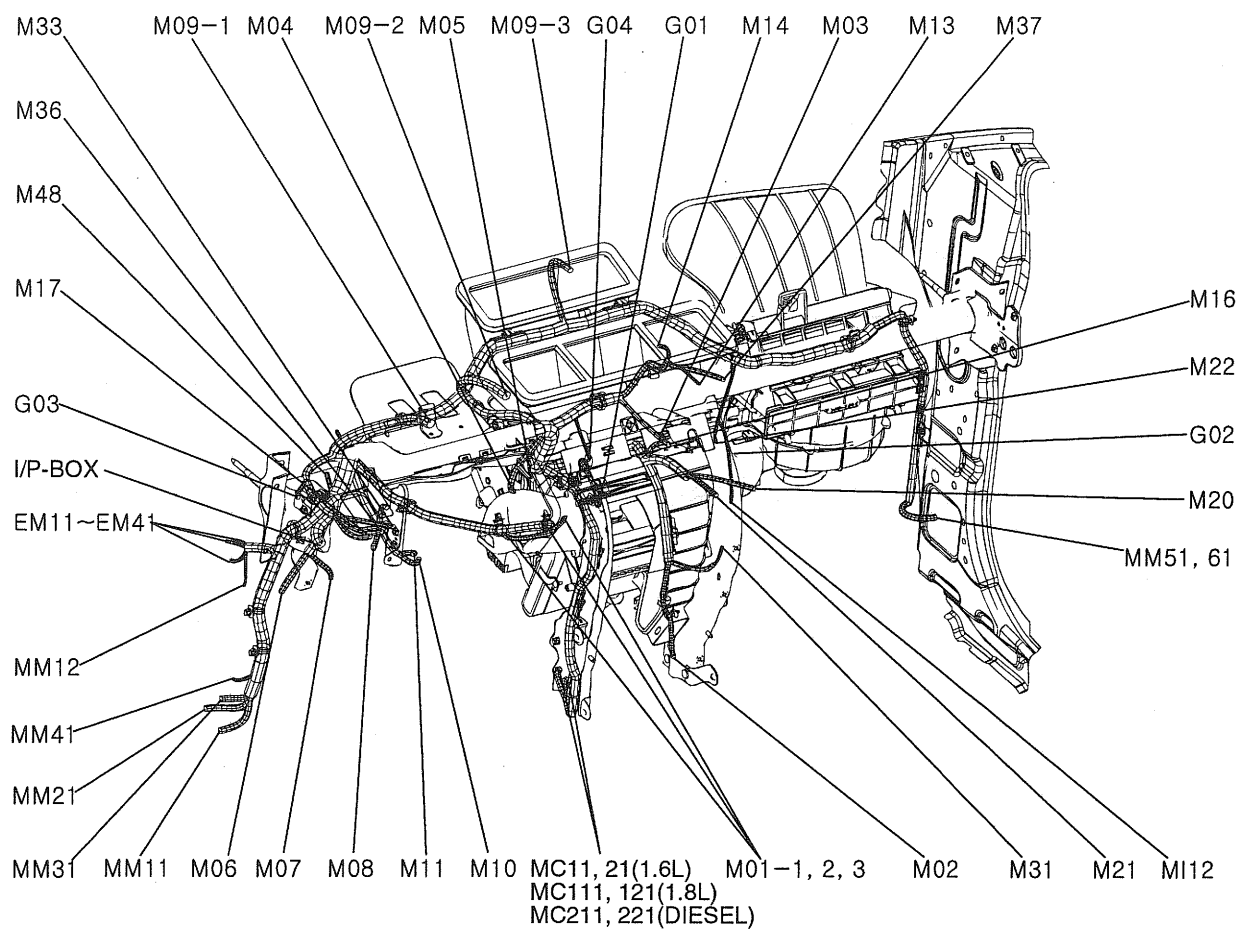
AIR BAG HARNESS .....	HL-8
CONTROL HARNESS .....	HL-10
DOOR HARNESS .....	HL-16
ENGINE HARNESS .....	HL-6
MAIN HARNESS .....	HL-2
TAIL GATE HARNESS .....	HL-18



## MAIN HARNESS

E5FC0010

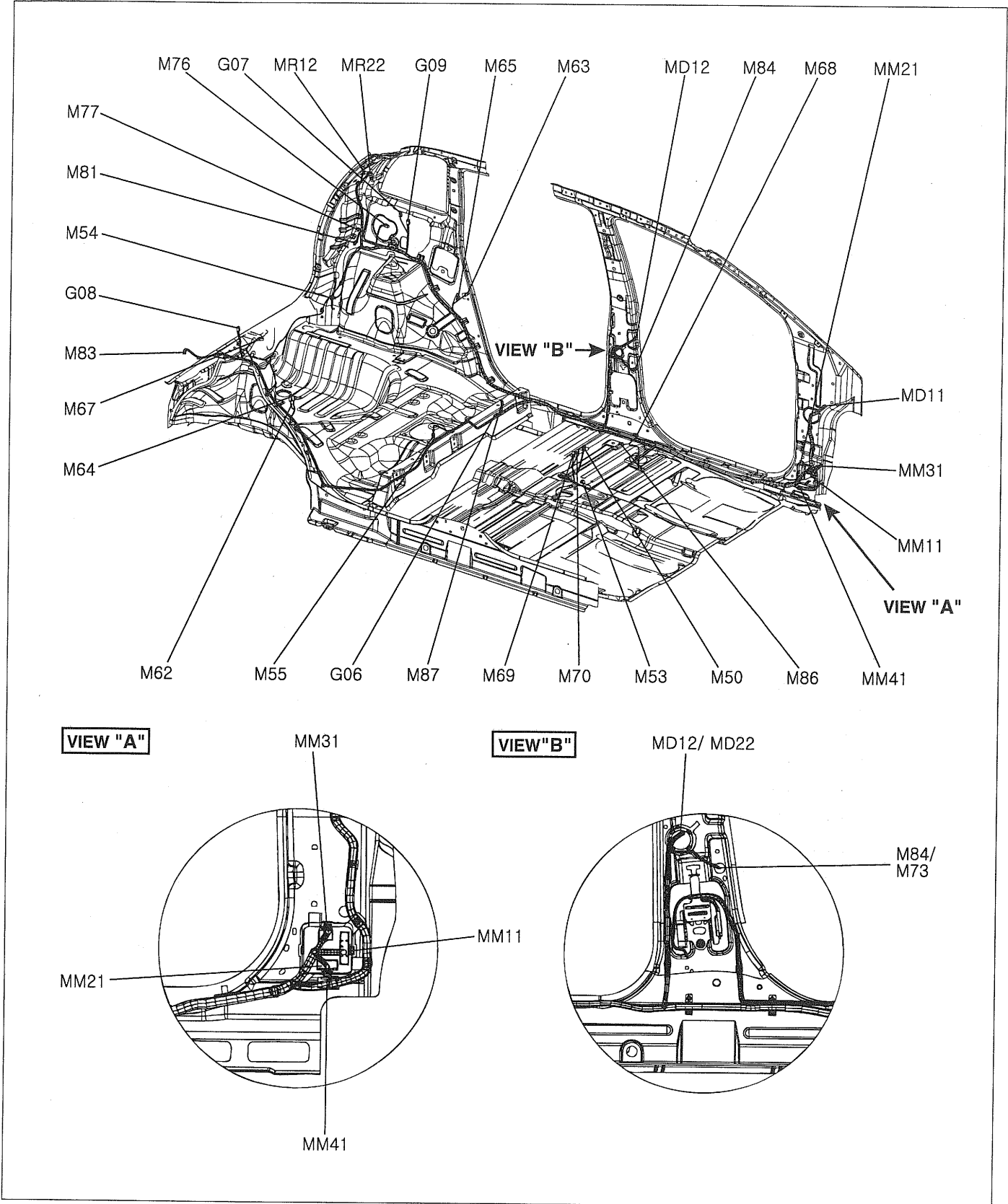
## MAIN HARNESS (1)



## MAIN HARNESS

M01-1	Multifunction switch	M38	Flasher unit
M01-2	Multifunction switch (With A/Bag)	M39	Burglar alarm relay
M01-3	Multifunction switch (With A/Bag)	M40	Siren relay
M02	A/T shift lever	M41	Door lock relay
M03	Joint connector	M42	Door unlock relay
M04	Ignition switch	M43	Blower relay
M05	Ignition key ill & Door warning switch	M44	Defogger relay
M06	Multipurpose check connector	M45	Power window relay
M07	Data link connector	M46	Hazard relay
M08	SMATRA	M47	Joint connector
M09-1	Instrument cluster	M48	Joint connector
M09-2	Instrument cluster	EM11	Connection with ENGINE harness
M09-3	Instrument cluster	EM21	Connection with ENGINE harness
M10	Chime bell	EM31	Connection with ENGINE harness
M11	Buzzer	EM41	Connection with ENGINE harness
M13	Hazard switch	MC11	Connection with CONTROL harness (1.6L)
M14	ODO trip switch	MC21	Connection with CONTROL harness (1.6L)
M16	Audio	MC111	Connection with CONTROL harness (1.8L)
M17	Rear fog lamp switch	MC121	Connection with CONTROL harness (1.8L)
M18	Blend door actuator	MC211	Connection with CONTROL harness (Diesel)
M19	Blower motor	MC221	Connection with CONTROL harness (Diesel)
M20	A/C switch	MI12	Connection with A/BAG harness
M21	Blower switch	MM11	Connection with FLOOR harness
M22	Intake actuator	MM12	Connection with ROOF harness
M23	Wiper & Defogger timer	MM21	Connection with FLOOR harness
M25-1	ETACM	MM31	Connection with FLOOR harness
M25-2	ETACM	MM41	Connection with FLOOR harness
M26	Blower resistor	MM51	Connection with FLOOR harness
M30	Seat belt timer	MM61	Connection with FLOOR harness
M31	Cigarette lighter	G01	Ground
M32	Temperature actuator	G02	Ground
M33	Front fog lamp switch	G03	Ground (Driver)
M34	Thermostatic switch	G04	Ground (Audio)
M36	Head lamp leveling switch		
M37	Defogger switch		

MAIN HARNESS (FLOOR)



## MAIN HARNESS (FLOOR)

M50	Parking brake switch	M86	Seat belt switch
M53	Front power outlet	M87	Joint connector
M54	Rear power outlet	MD11	Connection with LEFT FRONT DOOR harness
M55	Fuel sender & Fuel pump motor	MD12	Connection with LEFT REAR DOOR harness
M62	Right rear door switch	MD13	Connection with RIGHT FRONT DOOR harness
M63	Left rear door switch	MD22	Connection with RIGHT REAR DOOR harness
M64	Right rear wheel sensor	MM11	Connection with MAIN harness
M65	Left rear wheel sensor	MM21	Connection with MAIN harness
M67	Rear fog lamp	MM31	Connection with MAIN harness
M68	Left front seat warmer	MM41	Connection with MAIN harness
M69	Right front seat warmer switch	MM51	Connection with MAIN harness
M70	Left front seat warmer switch	MM61	Connection with MAIN harness
M73	Right front door switch	MR12	Connection with TAIL GATE harness
M74	Right front seat warmer	MR22	Connection with TAIL GATE harness
M76	Rear wiper relay	G06	Ground (Fuel tank)
M77	Luggage room lamp	G07	Ground (Left rear)
M81	Left rear combination lamp	G08	Ground (Right rear)
M83	Right rear combination lamp	G09	Ground (Rear heater)
M84	Left front door switch		

## ROOF HARNESS

M92	Map lamp (W/O Sunroof)
M93	Room lamp
MM05	Connection with SUNROOF harness
MM12	Connection with MAIN harness

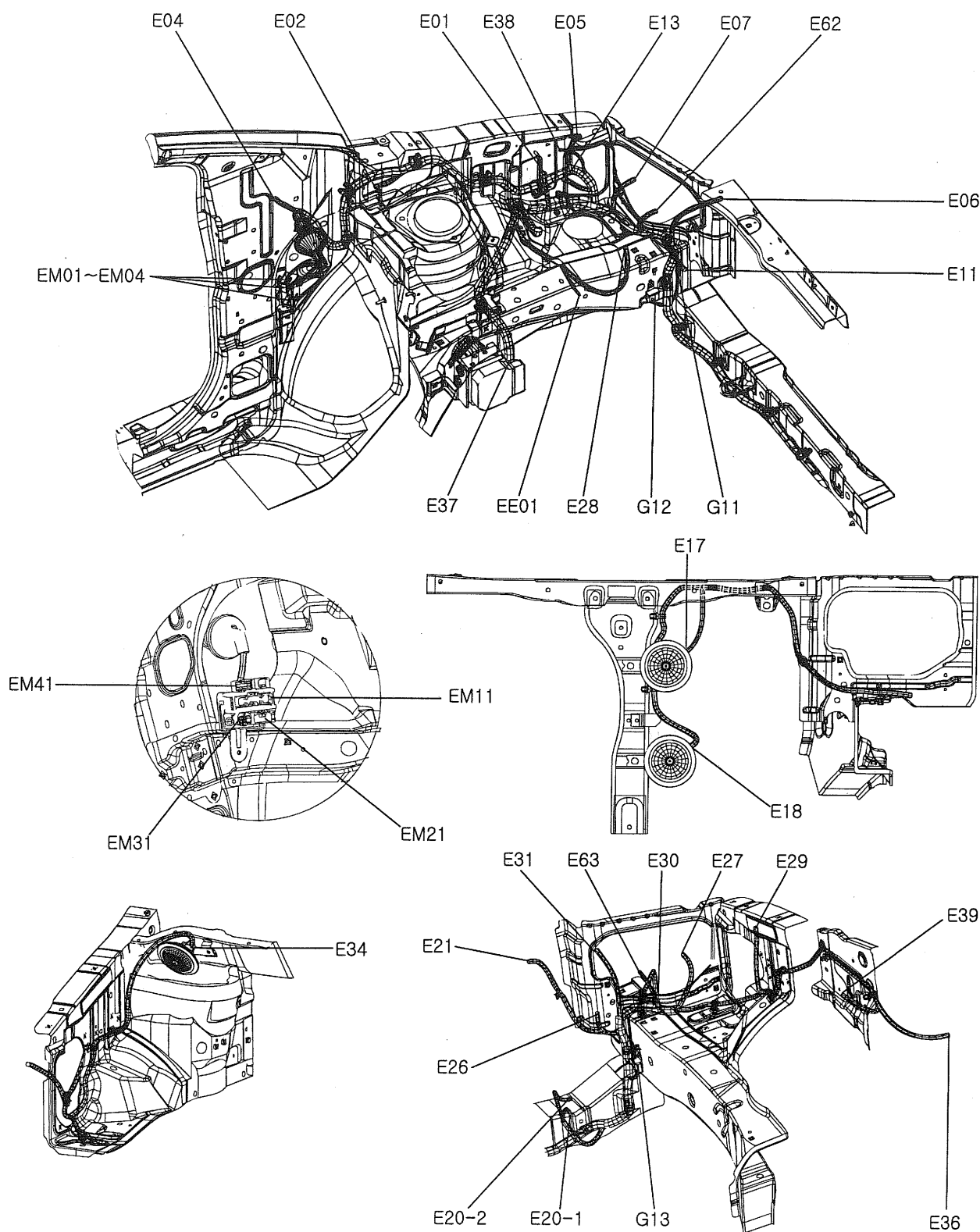
## SUNROOF HARNESS

M96	Sunroof motor
M97	Overhead console lamp
M98	Sunroof relay
MM05	Connection with ROOF harness

## ENGINE HARNESS

E5FC0020

## ENGINE HARNESS (1)



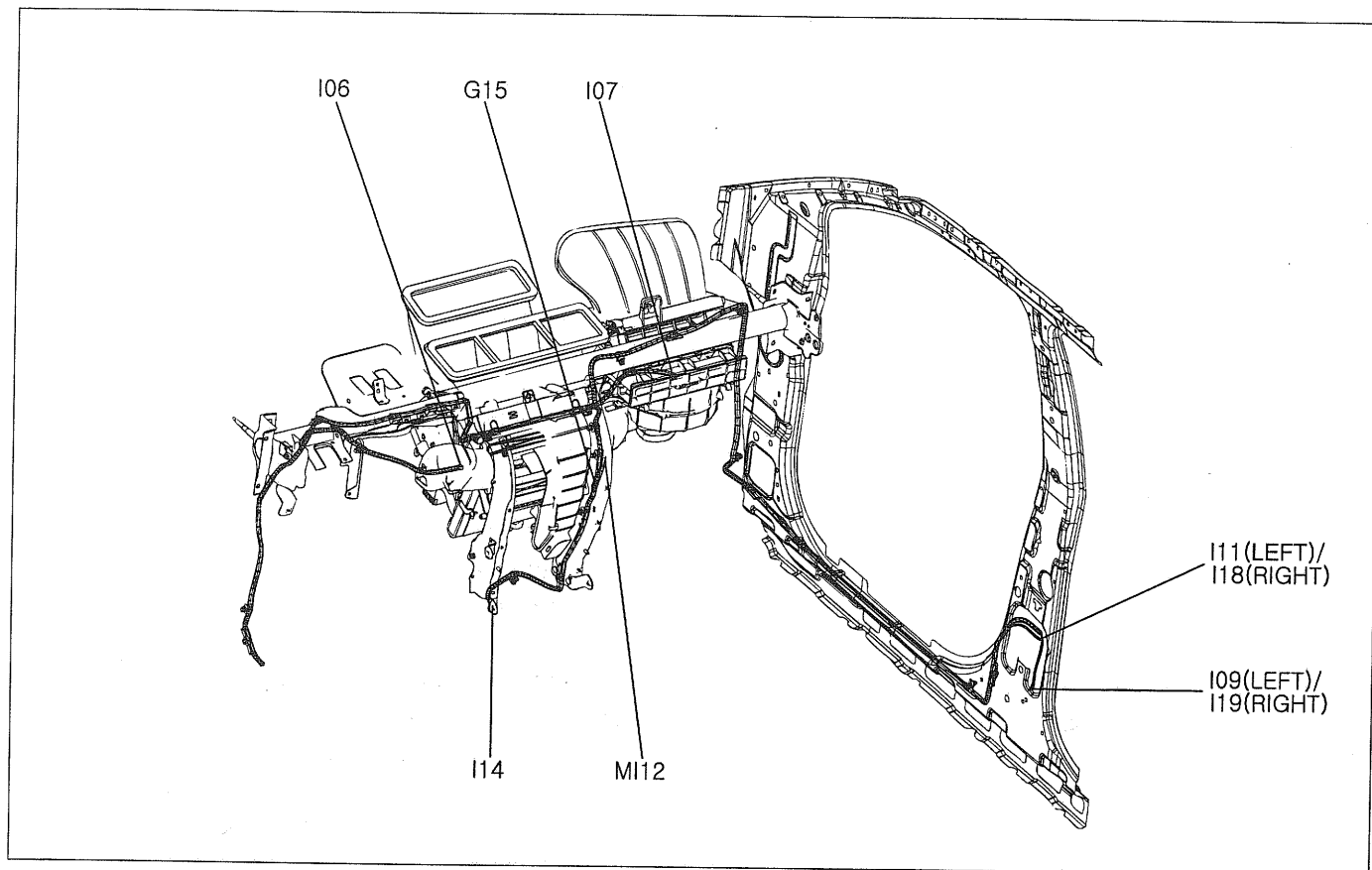
## ENGINE HARNESS

E01	ABS bleeding connector	E42	Engine control relay
E02	Left front wheel sensor	E43	Condenser fan relay #2
E04	Left side repeater lamp	E44	Radiator fan relay
E05	Left turn signal lamp	E45	Horn relay
E06	Left position lamp	E46	Front wiper relay
E07	Left head lamp	E47	Front fog lamp relay
E11	Radiator fan motor	E48	Head lamp relay
E13	DRL control module	E49	Fuel pump relay
E14	Left front fog lamp	E50	A/C relay
E17	Left horn	E51	Tail lamp relay
E18	Right horn (Dual)	E52	Condenser fan relay #1
E20-1	Generator (B+)	E53	Rear fog lamp relay
E20-2	Generator (L,S)	E54	Pre-excitation resistor
E21	Condenser fan motor	E56	Joint connector
E26	Triple switch (Gasoline)	E60-1	Generator (B+)
E27	Right head lamp	E60-2	Generator (L,S)
E28	Battery (+) terminal	E61	A/C compressor
E29	Right turn signal lamp	E62	Left head lamp leveling actuator
E30	Right front fog lamp	E63	Right head lamp leveling actuator
E31	Right position lamp	EC11	Connection with CONTROL harness (1.6L)
E32	Fuel cut solenoid (Gasoline)	EC111	Connection with CONTROL harnesss (1.8L)
E33	Washer motor	EC211	Connection with CONTROL harness (Diesel)
E34	Siren	EE01	Connection with BATTERY CABLE harness
E35	Start solenoid	EM11	Connection with MAIN harness
E36	Right side repeater lamp	EM21	Connection with MAIN harness
E37	ABS control module	EM31	Connection with MAIN harness
E38	Hood switch	EM41	Connection with MAIN harness
E39	Right front wheel sensor	G11	Ground (ABS)
E41	Start relay	G12	Ground (Left Engine Room)
		G13	Ground (Right Engine Room)

## AIR BAG HARNESS

E5FC0030

## AIR BAG HARNESS (1)



E5FC003A

I06	Driver air bag	I16	Side air bag (Passenger)
I07	Passenger air bag	I18	Passenger seat belt pretensioner
I09	Driver satellite sensor	I19	Passenger satellite sensor
I11	Driver seat belt pretensioner	MI12	Connection with MAIN harness
I12	Driver side air bag	G15	Ground (A/Bag)
I14	SRS control module		

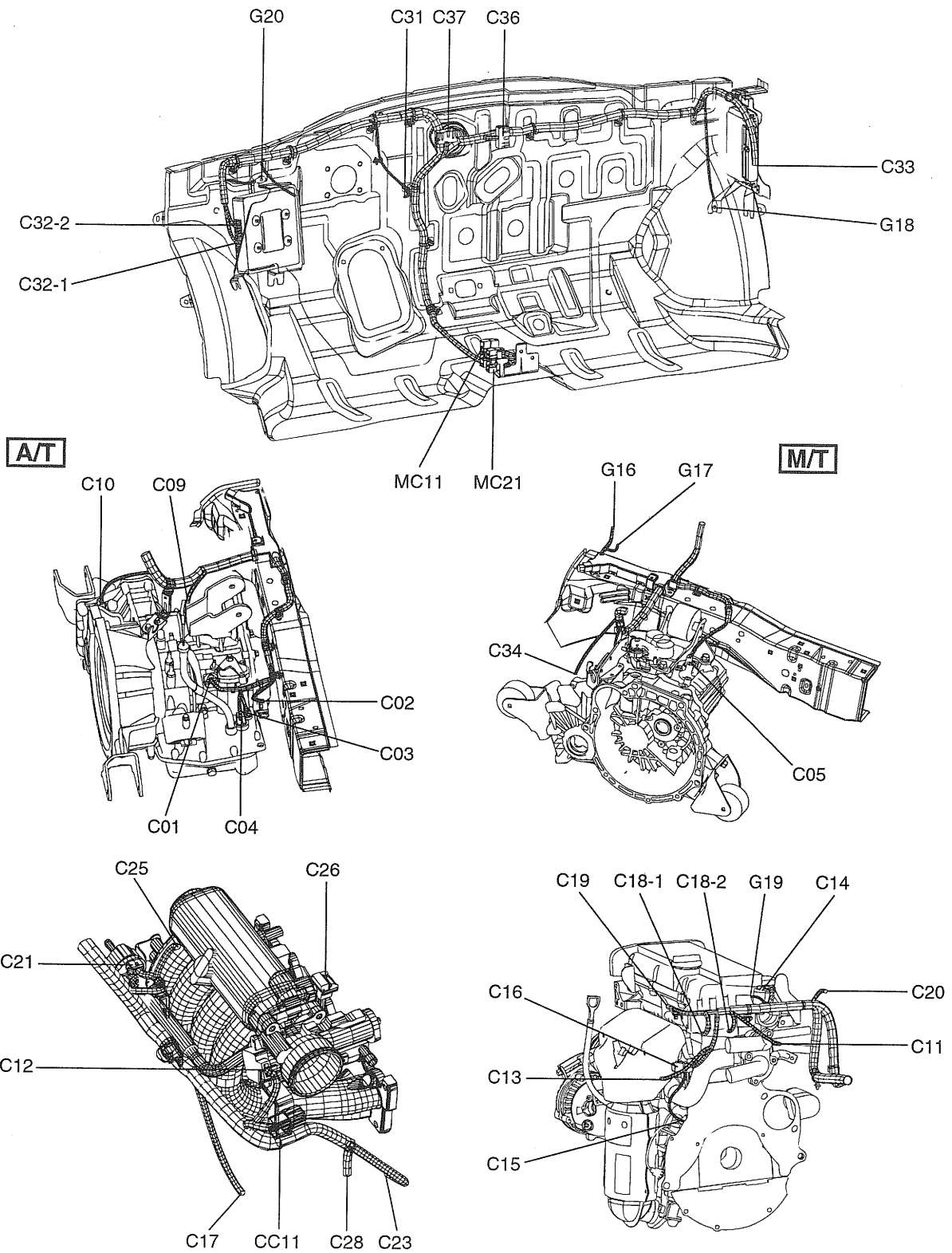


MEMO

## CONTROL HARNESS

E5FC0040

## CONTROL HARNESS (1.6L) (1)



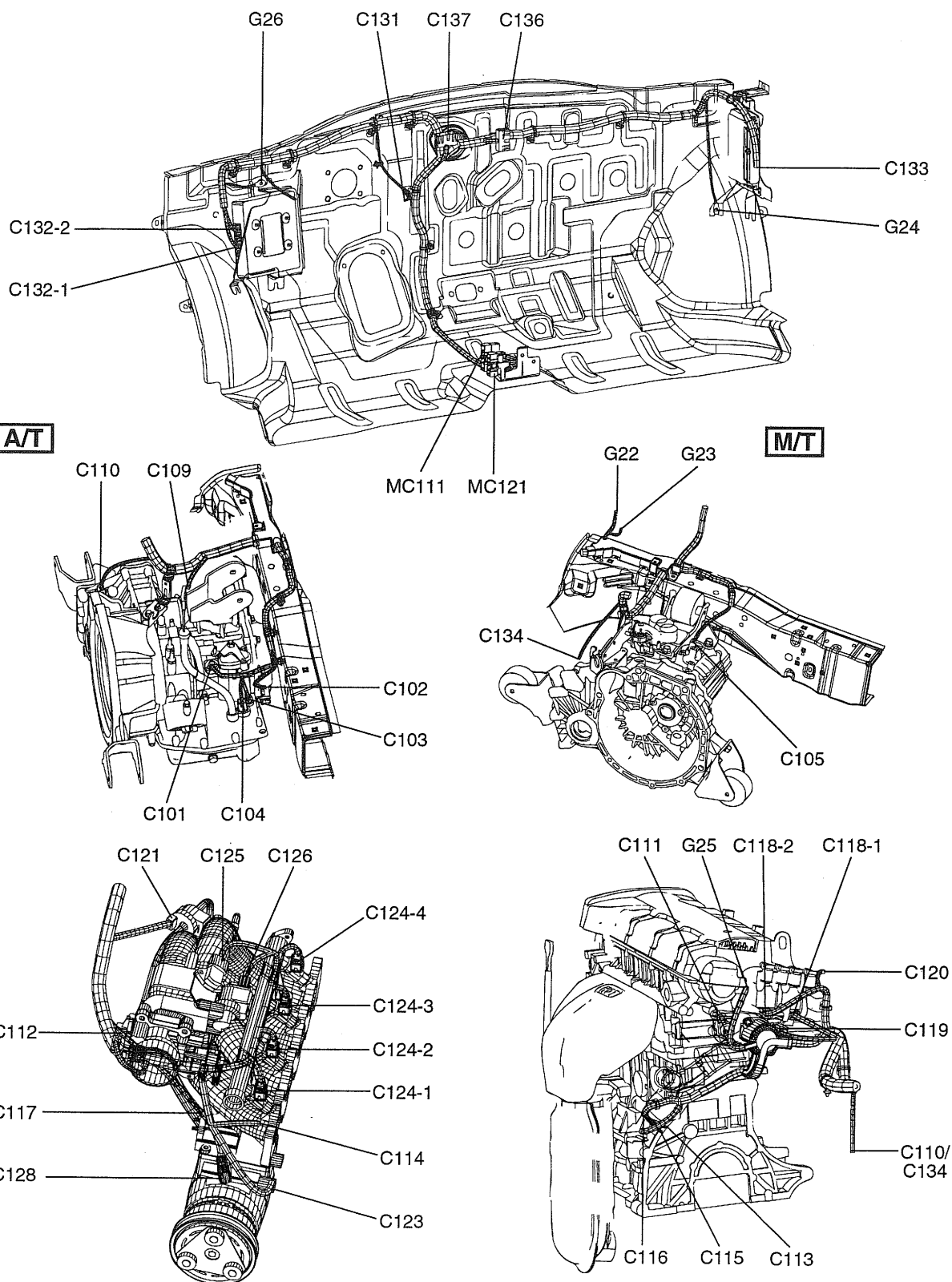
**CONTROL HARNESS (1.6L)**

C01	Transaxle range switch	C21	Canister purge valve
C02	Pulse generator	C23	Knock sensor
C03	Oil temperature sensor	C25	Manifold absolute pressure sensor
C04	A/T solenoid valve	C28	A/C compressor
C05	Back-up lamp switch	C31	Stop lamp switch
C07	Front wiper motor	C32-1	TCM
C08	Accelerator position sensor	C32-2	TCM
C09	Kick down switch	C33	ECM
C10	Vehicle speed sensor (A/T)	C34	Vehicle speed sensor (M/T)
C11	Engine coolant temperature sensor & sender	C36	Joint connector
C12	Throttle position sensor	C37	Joint connector
C13	Crankshaft position sensor	CC11	Connection with INJECTOR harness
C14	Camshaft position sensor	EC11	Connection with ENGINE harness
C15	Oil pressure switch	MC11	Connection with MAIN harness
C16	Oxygen sensor (Up)	MC21	Connection with MAIN harness
C17	Oxygen sensor (Down)	G16	Ground (Body)
C18-1	Ignition coil #1	G17	Ground (Control)
C18-2	Ignition coil #2	G18	Ground (ECM)
C19	Condenser	G19	Ground (Engine)
C20	Brake fluid level sensor	G20	Ground (TCM)

**INJECTOR HARNESS**

C24-1	Injector #1	C24-4	Injector #4
C24-2	Injector #2	C26	Idle speed control actuator
C24-3	Injector #3	CC11	Connection with CONTROL harness

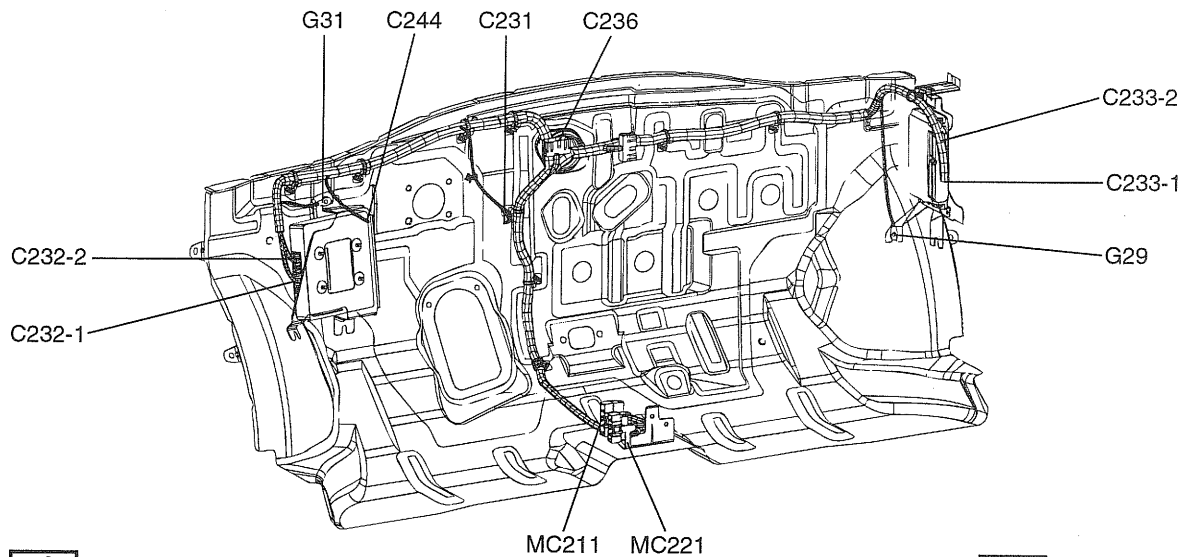
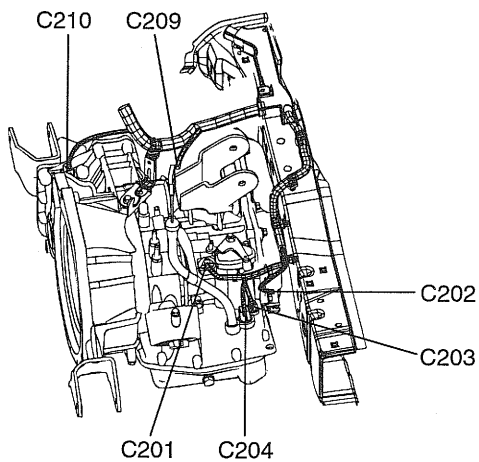
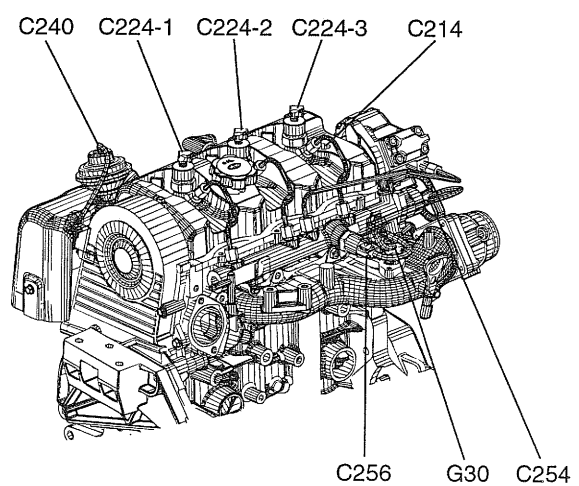
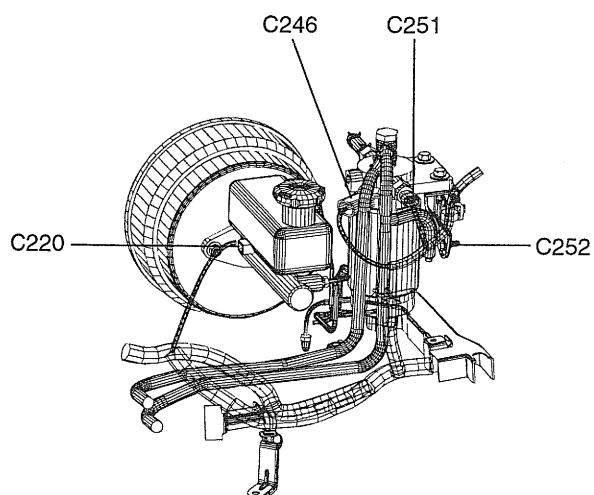
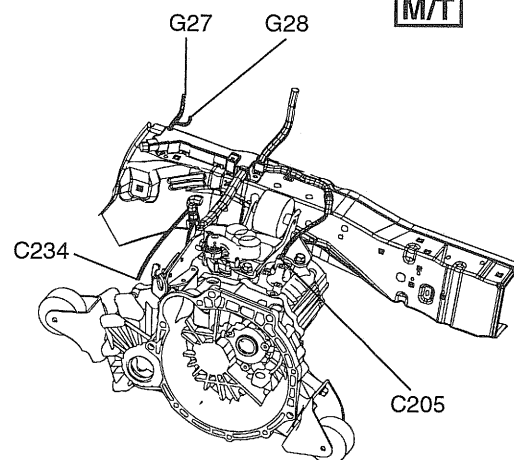
## CONTROL HARNESS (1.8L)



## CONTROL HARNESS (1.8L)

C101	Transaxle range switch	C124-2	Injector #2
C102	Pulse generator	C124-3	Injector #3
C103	Oil temperature sensor	C124-4	Injector #4
C104	A/T solenoid valve	C125	Manifold absolute pressure sensor
C105	Back-up lamp switch	C126	Idle speed control actuator
C107	Front wiper motor	C128	A/C compressor
C109	Kick down switch	C131	Stop lamp switch
C110	Vehicle speed sensor (A/T)	C132-1	TCM
C111	Engine coolant temperature sensor & sender	C132-2	TCM
C112	Throttle position sensor	C133	ECM
C113	Crankshaft position sensor	C134	Vehicle speed sensor(M/T)
C114	Camshaft position sensor	C136	Joint connector
C115	Oil pressure switch	C137	Joint connector
C116	Oxygen sensor(Up)	EC111	Connection with ENGINE harness
C117	Oxygen sensor(Down)	MC111	Connection with MAIN harness
C118-1	Ignition coil #1	MC121	Connection with MAIN harness
C118-2	Ignition coil #2	G22	Ground (Body)
C119	Condenser	G23	Ground (Control)
C120	Brake fluid level sensor	G24	Ground (ECM)
C121	Canister purge valve	G25	Ground (Engine)
C123	Knock sensor	G26	Ground (TCM)
C124-1	Injector #1		

## CONTROL HARNESS (DIESEL)

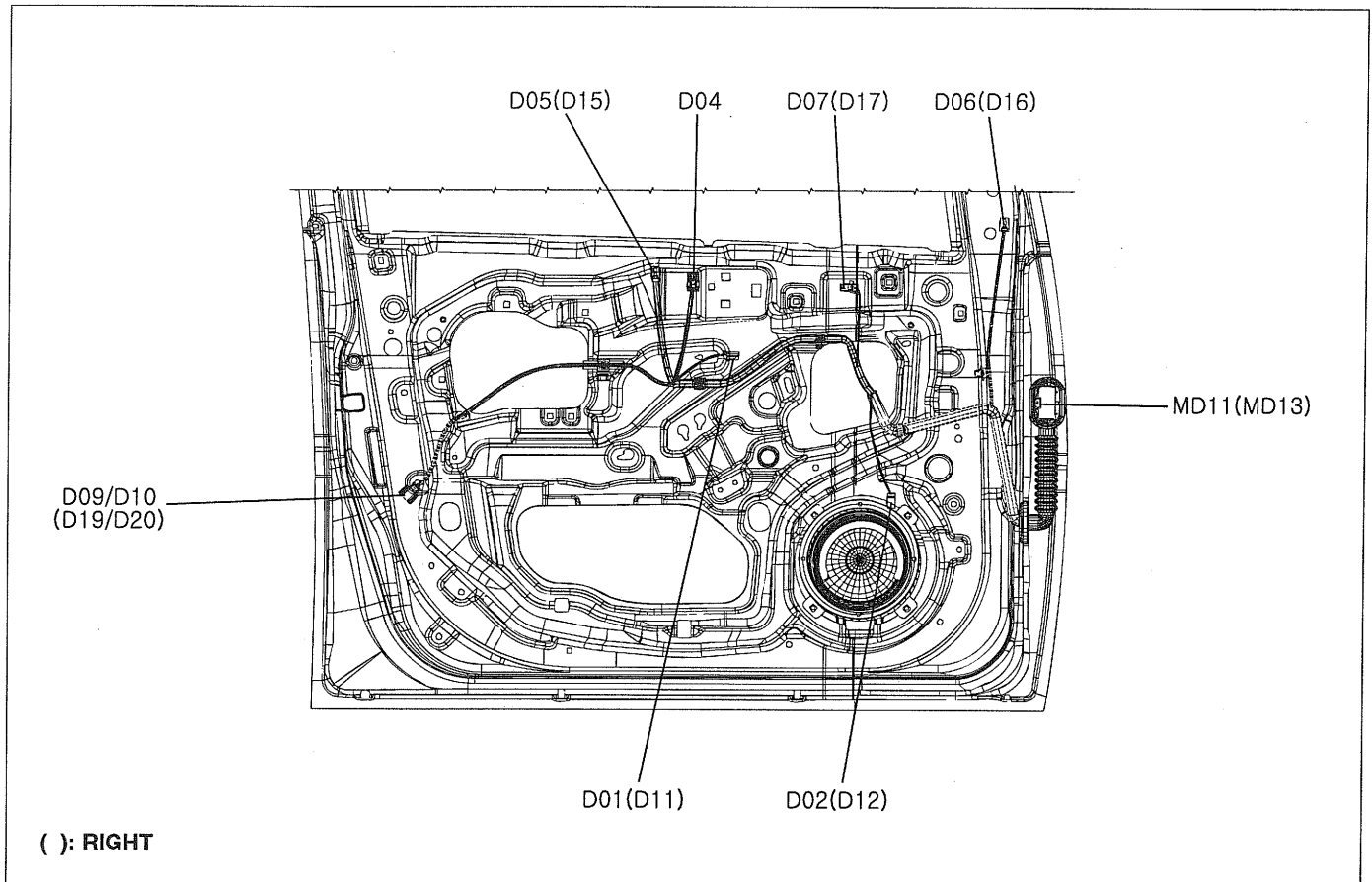
**A/T****M/T**

## CONTROL HARNESS (DIESEL)

C201	Transaxle range switch	C241	Heater assembly
C202	Pulse generator	C242	Heater relay #1
C203	Oil temperature sensor	C243	Heater relay #2
C204	A/T solenoid valve	C244	Clutch pedal position switch
C205	Back-up lamp switch	C245	EGR actuator
C207	Front wiper motor	C246	Fuel filter heater
C208	Accelerator position sensor	C247	Fuel temperature sensor
C209	Kick down switch	C248	Glow plug
C210	Vehicle speed sensor (A/T)	C249	Glow plug relay
C211	Engine coolant temperature sensor & sender	C250	Triple switch
C213	Crankshaft position sensor	C251	Thermo switch
C214	Camshaft position sensor	C252	Water sensor
C215	Oil pressure switch	C253	Throttle plate actuator
C220	Brake fluid level sensor	C254	Rail pressure regulator
C224-1	Injector #1	C256	Rail pressure sensor
C224-2	Injector #2	C257	Fuel filter heater relay #1
C224-3	Injector #3	C258	Fuel filter heater relay #2
C231	Stop lamp switch	EC211	Connection with ENGINE harness
C232-1	TCM	MC211	Connection with MAIN harness
C232-2	TCM	MC221	Connection with MAIN harness
C233-1	ECM	G27	Ground (Body)
C233-2	ECM	G28	Ground (Control)
C234	Vehicle speed sensor (M/T)	G30	Ground (Engine)
C236	Joint connector	G31	Ground (TCM)
C240	Mass air flow sensor	G32	Ground (ECM)

**DOOR HARNESS**

E5FC0050

**DOOR HARNESS (1)**

E5FC005A

**LEFT FRONT DOOR HARNESS**

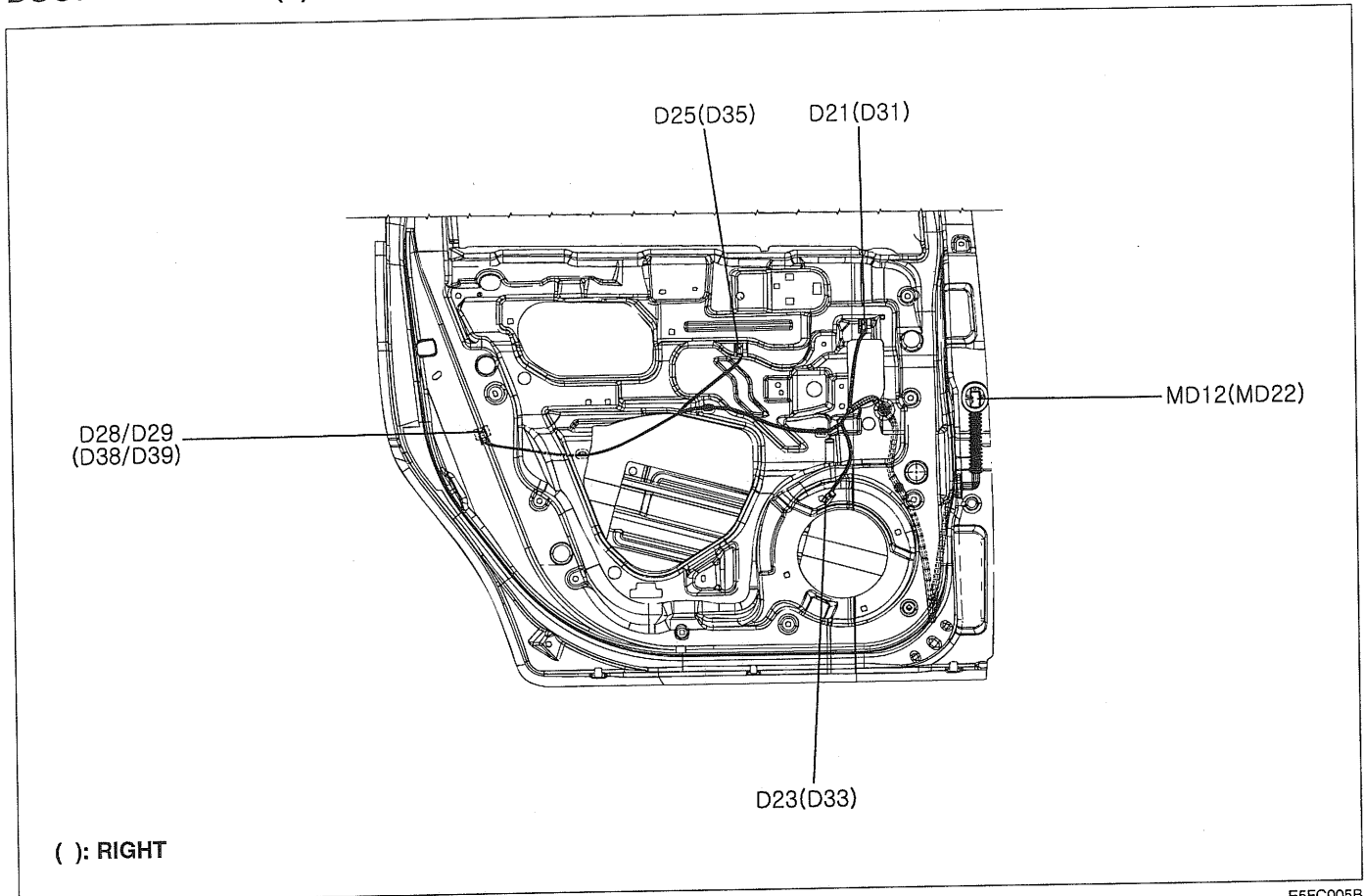
D01	Left front power window motor
D02	Left front speaker
D04	Power outside mirror switch
D05	Left front power window switch
D06	Left outside mirror motor & Defogger
D07	Left front tweeter speaker
D09	Left front door lock actuator (With ETACM)
D10	Left front door lock actuator (W/O ETACM)
MD11	Connection with FLOOR harness

**RIGHT FRONT DOOR HARNESS**

D11	Right front power window motor
D12	Right front speaker
D15	Right front power window switch
D16	Right outside mirror motor & Defogger
D17	Right front tweeter speaker
D19	Right front door lock actuator (With ETACM)
D20	Right front door lock actuator (W/O ETACM)
MD13	Connection with FLOOR harness



## DOOR HARNESS (2)



E5FC005B

## LEFT REAR DOOR HARNESS

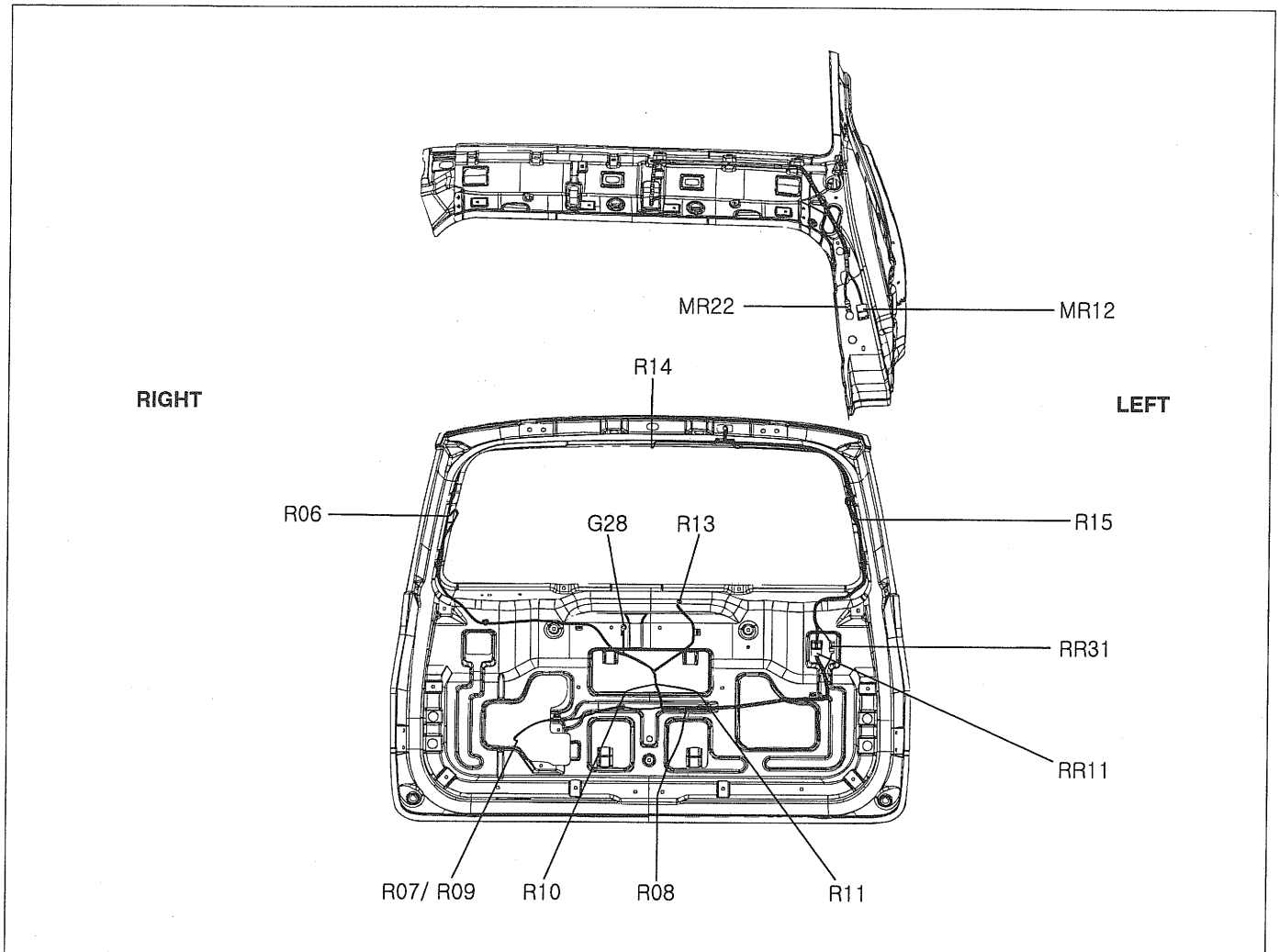
D21	Left rear power window motor
D23	Left rear speaker
D25	Left rear power window switch
D28	Left rear door lock actuator (W/O ETACM)
D29	Left rear door lock actuator (With ETACM)
MD12	Connection with FLOOR harness

## RIGHT REAR DOOR HARNESS

D31	Right rear power window motor
D33	Right rear speaker
D35	Right rear power window switch
D38	Right rear door lock actuator (W/O ETACM)
D39	Right rear door lock actuator (With ETACM)
MD22	Connection with FLOOR harness

**TAIL GATE HARNESS**

E5FC0060

**TAIL GATE HARNESS(1)**

E5FC006A

**TAIL GATE HARNESS**

R06	Rear window defogger (-)
R07	Tail gate lock actuator (With ETACM)
R08	Luggage room lamp switch
R09	Tail gate lock actuator (W/O ETACM)
R10	Right license lamp
R11	Left license lamp
R13	Rear wiper motor
RR11	Connection with TAIL GATE EXT. harness
RR31	Connection with TAIL GATE EXT. harness
G28	Ground (Tail gate)

**TAIL GATE EXT. HARNESS**

R14	High-mounted stop lamp
R15	Rear window defogger (+)
MR12	Connection with FLOOR harness
MR22	Connection with FLOOR harness
RR11	Connection with TAIL GATE harness
RR31	Connection with TAIL GATE harness