


3	a	05.04.07	C-Kim				
2	b	04.12.07	EC-Seung				
1	c	04.11.22	EC-Seung				
State	Revision - Number	Date	Name	State	Revision - Number	Date	Name
Editor	06.04.07	EC-Seung	SYSTEM WIRE DIAGRAM SIEMH3.1.2 chery D472 project				C-Sample sheet page -1/-2-
Check							
							

X1-1		GND_PWR1	Ground Power Stage 1
X1-2		GND_PWR2	Ground Power Stage 2
X1-3		N.C	Not Connected
X1-4		IGC1	Ignition Coil Output 1
X1-5		IGC2	Ignition Coil Output 2
X1-6		CAN1_L	CAN1 - Low
X1-7		CAN1_H	CAN1 - High
X1-8		LSH_UP_1PWM	Lambda Sensor Heater Upstream PWM Output
X1-9		LSH_DN_1PWM	Lambda Sensor Heater Downstream PWM Output
X1-10		KNKS	Knock Sensor Input
X1-11		N.C	Not Connected
X1-12		EVAP	Evaporator Temperature Sensor Input
X1-13		EVAP_GND	Evaporator Temperature Sensor Ground
X1-14		N.C	Not Connected
X1-15		N.C	Not Connected
X1-16		N.C	Not Connected
X1-17		N.C	Not Connected
X1-18		N.C	Not Connected
X1-19		STPA_POS	Stepper A Motor Command (+)
X1-20		STPA_NEG	Stepper A Motor Command (-)
X1-21		V_EL	Battery Voltage Supply after Main Relay
X1-22		V_IGK	Battery Voltage Supply after Ignition Key
X1-23		IV3	Injector Output 3 (Cyl.4)
X1-24		IV1	Injector Output 1 (Cyl.1)
X1-25		P/N	Park/Neutral Switch Input
X1-26		CPPWM	Canister Purge Solenoid Valve PWM Output
X1-27		CRK_GND	Crankshaft Position Sensor Ground
X1-28		N.C	Not Connected
X1-29		CRK	Crankshaft Position Sensor Input
X1-30		CAM_GND	Camshaft Position Sensor Ground
X1-31		TCO	Coolant Temperature Sensor Input
X1-32		TPS	Throttle Position Sensor Input
X1-33		N.C	Not Connected
X1-34		N.C	Not Connected
X1-35		STPB_POS	Stepper B Motor Command (+)
X1-36		STPB_NEG	Stepper B Motor Command (-)
X1-37		VLS_DOWN_1_B	Lambda Sensor Downstream Ground
X1-38		TPS_GND	Throttle Position Sensor Ground
X1-39		VS	Vehicle Speed Sensor Input
X1-40		N.C	Not Connected
X1-41		N.C	Not Connected
X1-42		VLS_DOWN_1_A	Lambda Sensor Downstream (+)
X1-43		VLS_UP_1_A	Lambda Sensor Upstream (+)
X1-44		VB1	Supply Battery Terminal 1
X1-45		TPS_VCC	Throttle Position Sensor Supply
X1-46		TMAP_VCC	TMAP Sensor Supply
X1-47		N.C	Not Connected
X1-48		TMAP_GND	TMAP Sensor Ground
X1-49		N.C	Not Connected
X1-50		ACCIN	Air Conditioner Compressor Switch Input
X1-51		HD_LAMP	Headlamp Switch Input
X1-52		N.C	Not Connected
X1-53		N.C	Not Connected
X1-54		KNKS_GND	Knock Sensor Ground
X1-55		IGC_GND	Ground Ignition Power Stage
X1-56		TIA	Intake Air Temperature Sensor Input
X1-57		N.C	Not Connected
X1-58		ACIN	Air Conditioner Request Switch Input
X1-59		VLS_UP_1_B	Lambda sensor Upstream (-)
X1-60		MAP	Mass Air Pressure Sensor
X1-61		IV2	Injector Output 2 (Cyl.3)
X1-62		IV4	Injector Output 4 (Cyl.2)
X1-63		VB2	Supply Battery Terminal 2
X1-64		RLY_FAN_H	Cooling Fan Relay High Control Output
X1-65		RLY_FAN_L	Cooling Fan Relay Low Control Output
X1-66		ESS	Engine Speed Signal Output
X1-67		RLY_MAIN	Main Relay Control Output
X1-68		RLY_ACCOUT	Air Conditioner Compressor Relay Control Output
X1-69		RLY_EFP	Electric Fuel Pump Relay Control Output
X1-70		MIL	Mal-Function Indicating Lamp Output
X1-71		N.C	Not Connected
X1-72		CAM	Camshaft Position Sensor Input
X1-73		TCO_GND	Coolant Temperature Sensor Ground
X1-74		PRS_PSTE	Power Steering Switch Input
X1-75		N.C	Not Connected
X1-76		N.C	Not Connected
X1-77		DIAG_DL	Diagnostic Data Line
X1-78		N.C	Not Connected
X1-79		N.C	Not Connected
X1-80		N.C	Not Connected
X1-81		N.C	Not Connected

X2-82		N.C	Not Connected
X2-83		N.C	Not Connected
X2-84		N.C	Not Connected
X2-85		N.C	Not Connected
X2-86		N.C	Not Connected
X2-87		N.C	Not Connected
X2-88		N.C	Not Connected
X2-89		N.C	Not Connected
X2-90		N.C	Not Connected
X2-91		N.C	Not Connected
X2-92		N.C	Not Connected
X2-93		N.C	Not Connected
X2-94		N.C	Not Connected
X2-95		N.C	Not Connected
X2-96		N.C	Not Connected
X2-97		N.C	Not Connected
X2-98		N.C	Not Connected
X2-99		N.C	Not Connected
X2-100		N.C	Not Connected
X2-101		N.C	Not Connected
X2-102		N.C	Not Connected
X2-103		N.C	Not Connected
X2-104		N.C	Not Connected
X2-105		N.C	Not Connected
X2-106		N.C	Not Connected
X2-107		N.C	Not Connected
X2-108		N.C	Not Connected
X2-109		N.C	Not Connected
X2-110		N.C	Not Connected
X2-111		N.C	Not Connected
X2-112		N.C	Not Connected
X2-113		N.C	Not Connected
X2-114		N.C	Not Connected
X2-115		N.C	Not Connected
X2-116		N.C	Not Connected
X2-117		N.C	Not Connected
X2-118		N.C	Not Connected
X2-119		N.C	Not Connected
X2-120		N.C	Not Connected
X2-121		N.C	Not Connected

Note 1. This is a only proposal for the wiring harness structure.
Component connector may not be correct.

Note 2. The given wire size is a only proposal, the final decision
should be done by Customer

Note 3. Do not share a fuse for V_Bat of the ECU with others(one
fuse dedicated only for V_Bat of the ECU).

Note 4. Recommendation for Twisted Pair :

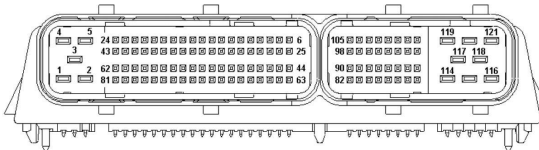
Length of 1 winding :


- min. > 20mm

- max. < 100mm



121Pin Connector Front View



3	c	'05.04.07	C.Kim						
2	b	'04.12.01	EC.Seong						
1	a	'04.11.25	EC.Seong						
State	Revision - Number	Date	Name	State	Revision - Number	Date	Name		
Editor	Date	Name	Title						
Check	'04.12.01	EC.Seong	SYSTEM WIRE DIAGRAM						
			SIMK31.2 Chery D472 project						C-Sample
									sheet page - 2/2 -