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K/FDV5, ZIN (10.92)

Further foreign langu. drawings

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Remarks:
Harness guidelines
K5/ESK2 Y 281 E22 013E,
DS-CV/ESA Y 445 R90 613

= twisted pair recommended
also recommended for all actuators

Vx = Butt connector

---- = optional functions

Connector Set:
0 462 YU3 04Z

"For the function of the ECU the vehicle configuration according to the terminal diagram is mandatory."

Term. 31 (BAT-)
Term. 30 (BAT+)
Fuse
Ignition switch
To be decided
to other loads
25A
5A
Fuse
V1
V2
V3
V4

ECU低端
ECU电源
CAN线诊断接口
系统暂未使用
排气制动执行器信号
空调压缩机继电器
多状态开关
电子脚踏板信号
点火线圈123456
整车线束
主刹车开关
辅助刹车开关
巡航控制
离合器开关
空挡开关
OBD灯
诊断灯
启动信号输入
系统暂未使用
车速传感器
空调开关
排气制动开关
诊断请求开关
氧传感器
保险丝

Pin	Signal	Description
4.3		
102	G_G_BAT1	
104	G_G_BAT2	
106	G_G_BAT3	
101	V_V_BAT1	
103	V_V_BAT2	
105	V_V_BAT3	
117	I_S_T15	Key power
148	B_D_CANH0	Controller Area Network 0
135	B_D_CANL0	
138	B_D_CANH1	Controller Area Network 1
151	B_D_CANL1	
130	O_V_FAN	Fan (PWM)
118	O_T_FAN	
142	O_V_EBRFL	Engine brake flap
157	O_T_EBRFL	
154	O_V_ACRLY	AC compressor relay
132	O_S_ACRLY	
129	I_A_TL	Multiple state switch Torque limitation
141	G_R_TL	
149	V_V_5VAPP1	
150	V_V_5VAPP2	
46		
53		
3		
202	G_G_BAT4	
26		
254	I_A_APP1	Accelerator pedal sensor 1
241	G_R_APP1	
255	I_A_APP2	Accelerator pedal sensor 2
242	G_R_APP2	
28		
245	O_P_IOS4	High voltage terminal Cylinder 6 (ZS-K-1*1E) (0 281 005 862)
258	O_P_IOS2	High voltage terminal Cylinder 5
232	O_P_IOS6	High voltage terminal Cylinder 4
244	O_P_IOS3	High voltage terminal Cylinder 3
231	O_P_IOS5	High voltage terminal Cylinder 2
257	O_P_IOS1	High voltage terminal Cylinder 1
201	V_V_BAT4	
251	O_V_RH29	Switched battery plus output
227	I_S_BRKMN	Brake main switch
240	I_S_BRKRED	Redundant brake switch
235	I_S_CRCPOS	Cruise control
236	I_S_CRCNEG	
253	I_S_CRCOFF	
226	I_S_CRCRES	
222	I_S_CONV	Clutch switch
239	I_S_GNSW	Gear neutral switch
228	O_S_OBD	OBD Lamp
217	O_S_DIA	Diagnostic lamp/LED (red)
233	I_S_T50	Start switch term.50 input signal
209	O_F_ENGN	Engine speed
216	I_F_VSS	Vehicle speed sensor (Hall Type)
221	G_R_VSS	
	Shield	
246	I_S_ACSW	AC switch
210	I_S_EBR	Engine brake switch
243	G_R_DF09	
223	I_S_DIAREQ	Diagnostic request switch
206	O_V_LSH	Lambda sensor (LSU4.9) (0 258 017 025)
204	O_T_LSH	
225	I_A_LSCP	
224	I_A_LSCA	
212	G_R_LSVG	
211	I_A_LSVN	

FKS Fuse 7.5A

0 462 YU4 03W

No.	Revision	dr.	valid	ck.
1	First edition	My.	Apr/06/2009	Raj.
	Project Title;Add.:Pin No 312			
2	Chang.:LSU from chamber 1 to 2	My.	Sep/23/2009	Raj.
3	Del.:P/N of GPVL;Text at ODFT	My.	Oct/05/2009	Raj.
4	Add.: FAN Relay 1 & 2	Ms.	Apr/12/2011	Kad.

Rev. DWG not extern. dist'd/

Gr.St. Volume
Orig. DIN A2
CAD
Original: DS-SX/ENG1
app/
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Rep. f./

	Date/	Name/
dr/ My.	Apr/06/2009	Mukesh
dk/ Raj.	Apr/06/2009	Rajkumar

Non-tol. dimensions
± mm, ±
ISO E

Scale
Weichai GAS-ECU
Mass

Title/
Terminal diagram
EGC 4-8.50 Weichai Series

No./
0 462 YU4 03W

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F

Sheet 9
Sh/ 10

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Bosch CNG ECU Wiring Diagram and Pinout Schematic

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