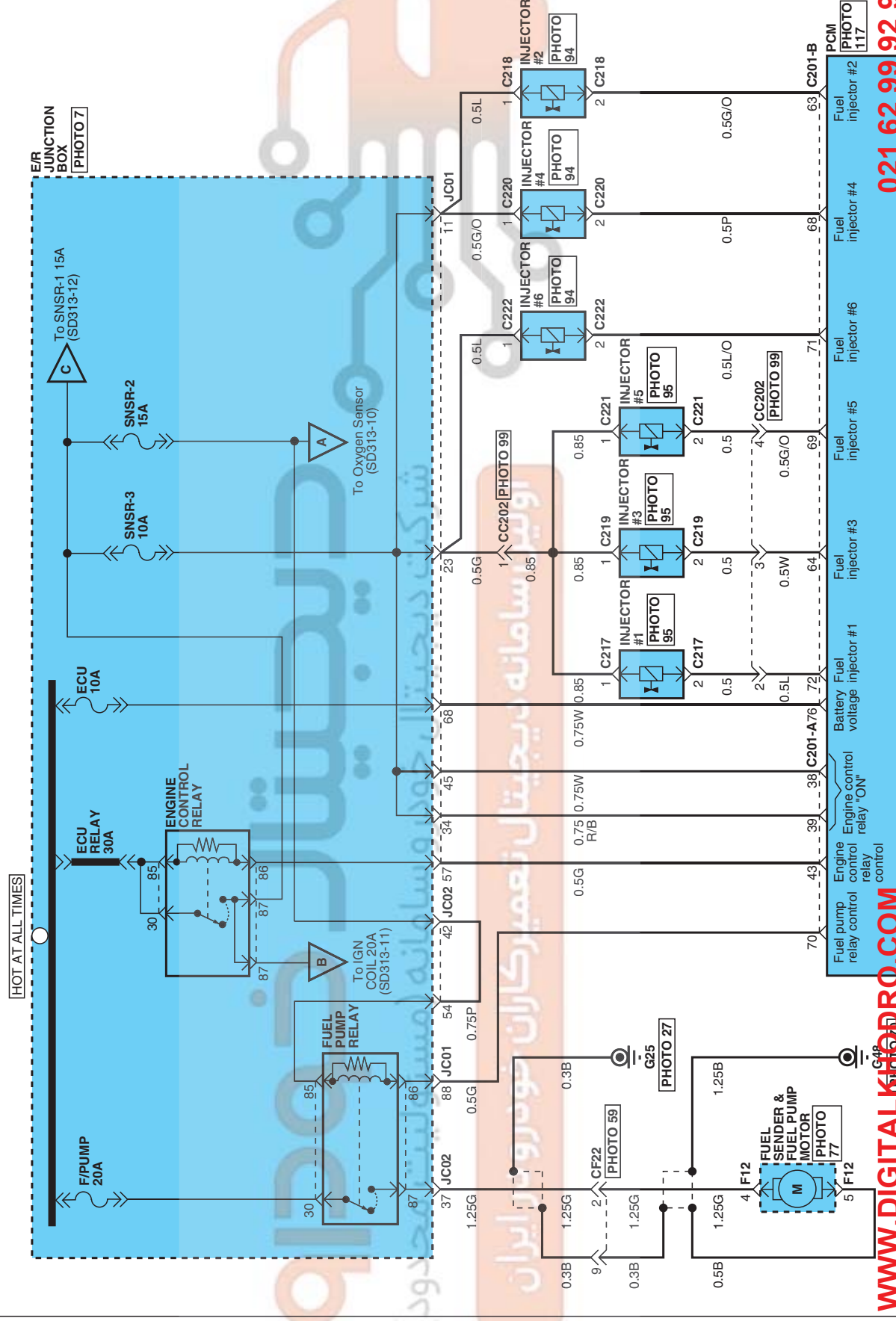


EDCE4ACD

SD313-9



MFI Control System (G6EA-GSL 2.7L) (2)

This diagram illustrates the wiring for the ECU harness, detailing connections for various sensors, actuators, and control modules. The components are organized into functional blocks, each with a corresponding photo reference.

- Camshaft Position Sensors:** Two sensors are shown, labeled CAMSHAFT POSITION SENSOR #1 (PHOTO 101) and CAMSHAFT POSITION SENSOR #2 (PHOTO 96). They are connected to the ECU via terminals 1, 2, and 3, with a 0.5G/O wire to ground.
- Oxygen Sensors:** Four oxygen sensors are connected to the ECU via terminals 1, 2, and 3, with a 0.5G/O wire to ground. The sensors are labeled OXYGEN SENSOR (B1/S2) (PHOTO 100), OXYGEN SENSOR (B1/S1) (PHOTO 100), OXYGEN SENSOR (B2/S1) (PHOTO 96), and OXYGEN SENSOR (B2/S2) (PHOTO 96).
- Heater:** The heater is connected to the ECU via terminals 1, 2, and 3, with a 0.5G/O wire to ground. The heater is labeled HTR (PHOTO 100).
- Throttle Position Sensor (TPS):** The TPS is connected to the ECU via terminals 1, 2, and 3, with a 0.5G/O wire to ground. The TPS is labeled TPS (PHOTO 100).
- Idle Air Control Valve (IACV):** The IACV is connected to the ECU via terminals 1, 2, and 3, with a 0.5G/O wire to ground. The IACV is labeled IACV (PHOTO 100).
- Water Temperature Sensor (WTS):** The WTS is connected to the ECU via terminals 1, 2, and 3, with a 0.5G/O wire to ground. The WTS is labeled WTS (PHOTO 100).
- Mass Air Flow Sensor (MAF):** The MAF is connected to the ECU via terminals 1, 2, and 3, with a 0.5G/O wire to ground. The MAF is labeled MAF (PHOTO 100).
- Engine Coolant Temperature Sensor (ECT):** The ECT is connected to the ECU via terminals 1, 2, and 3, with a 0.5G/O wire to ground. The ECT is labeled ECT (PHOTO 100).
- Knock Sensor (KS):** The KS is connected to the ECU via terminals 1, 2, and 3, with a 0.5G/O wire to ground. The KS is labeled KS (PHOTO 100).
- Brake Pedal Position Sensor (BPPS):** The BPPS is connected to the ECU via terminals 1, 2, and 3, with a 0.5G/O wire to ground. The BPPS is labeled BPPS (PHOTO 100).
- Steering Wheel:** The steering wheel is connected to the ECU via terminals 1, 2, and 3, with a 0.5G/O wire to ground. The steering wheel is labeled STEERING WHEEL (PHOTO 100).
- ECU Connections:** The ECU is connected to the harness via terminals 1, 2, and 3, with a 0.5G/O wire to ground. The ECU is labeled ECU (PHOTO 100).

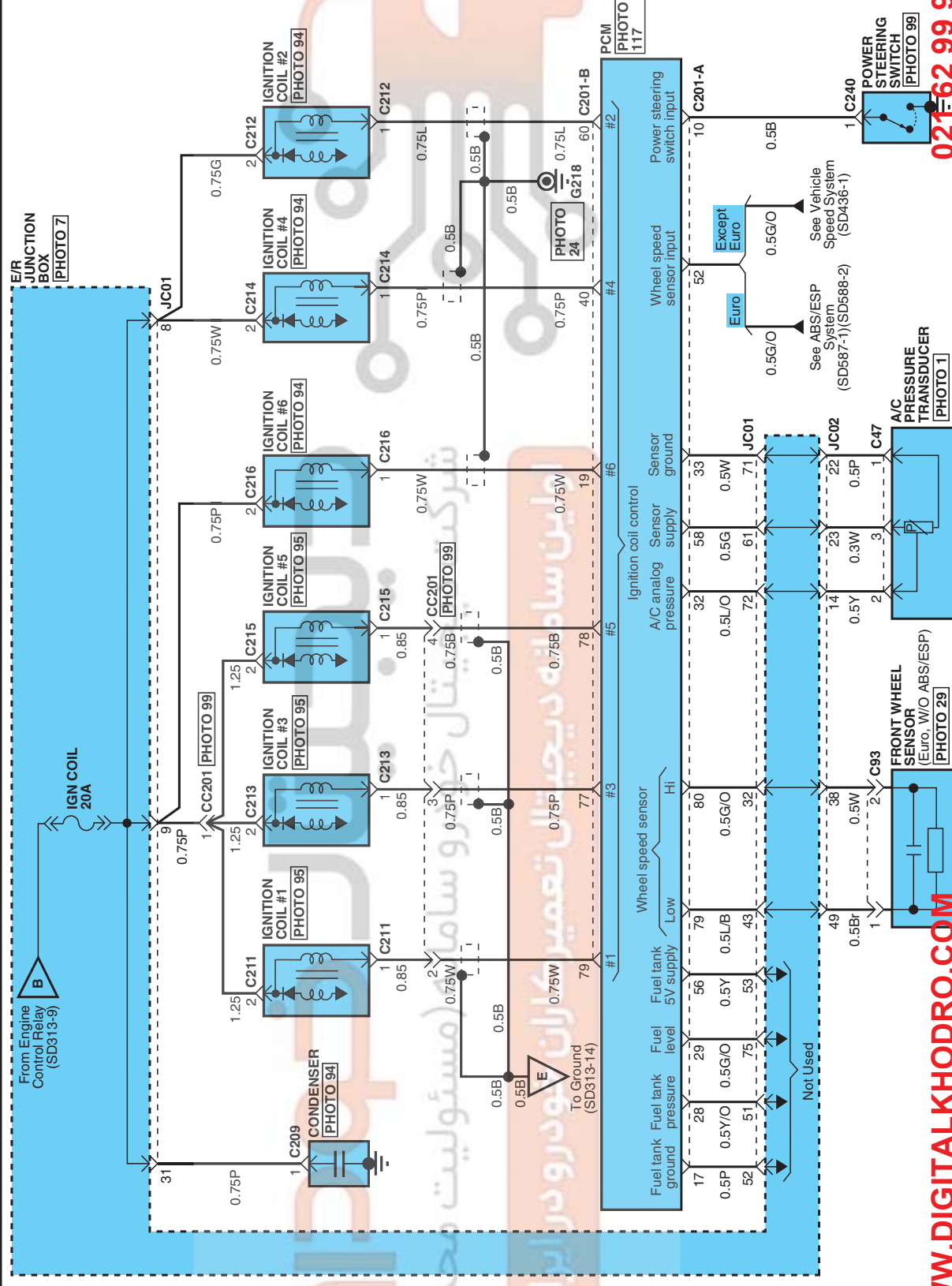
The diagram also includes a section for the ECU harness, showing connections for various sensors and actuators. The connections are as follows:

- Terminal 1:** Connected to the ECU via a 0.5G/O wire to ground.
- Terminal 2:** Connected to the ECU via a 0.5G/O wire to ground.
- Terminal 3:** Connected to the ECU via a 0.5G/O wire to ground.
- Terminal 4:** Connected to the ECU via a 0.5G/O wire to ground.
- Terminal 5:** Connected to the ECU via a 0.5G/O wire to ground.
- Terminal 6:** Connected to the ECU via a 0.5G/O wire to ground.
- Terminal 7:** Connected to the ECU via a 0.5G/O wire to ground.
- Terminal 8:** Connected to the ECU via a 0.5G/O wire to ground.
- Terminal 9:** Connected to the ECU via a 0.5G/O wire to ground.
- Terminal 10:** Connected to the ECU via a 0.5G/O wire to ground.
- Terminal 11:** Connected to the ECU via a 0.5G/O wire to ground.
- Terminal 12:** Connected to the ECU via a 0.5G/O wire to ground.
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- Terminal 18:** Connected to the ECU via a 0.5G/O wire to ground.
- Terminal 19:** Connected to the ECU via a 0.5G/O wire to ground.
- Terminal 20:** Connected to the ECU via a 0.5G/O wire to ground.
- Terminal 21:** Connected to the ECU via a 0.5G/O wire to ground.
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- Terminal 90:** Connected to the ECU via a 0.5G/O wire to ground.
- Terminal 91:** Connected to the ECU via a 0.5G/O wire to ground.
- Terminal 92:** Connected to the ECU via a 0.5G/O wire to ground.
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- Terminal 94:** Connected to the ECU via a 0.5G/O wire to ground.
- Terminal 95:** Connected to the ECU via a 0.5G/O wire to ground.
- Terminal 96:** Connected to the ECU via a 0.5G/O wire to ground.
- Terminal 97:** Connected to the ECU via a 0.5G/O wire to ground.
- Terminal 98:** Connected to the ECU via a 0.5G/O wire to ground.
- Terminal 99:** Connected to the ECU via a 0.5G/O wire to ground.
- Terminal 100:** Connected to the ECU via a 0.5G/O wire to ground.

MFI CONTROL SYSTEM

MFI Control System (G6EA-GSL 2.7L) (3)

SD313-11



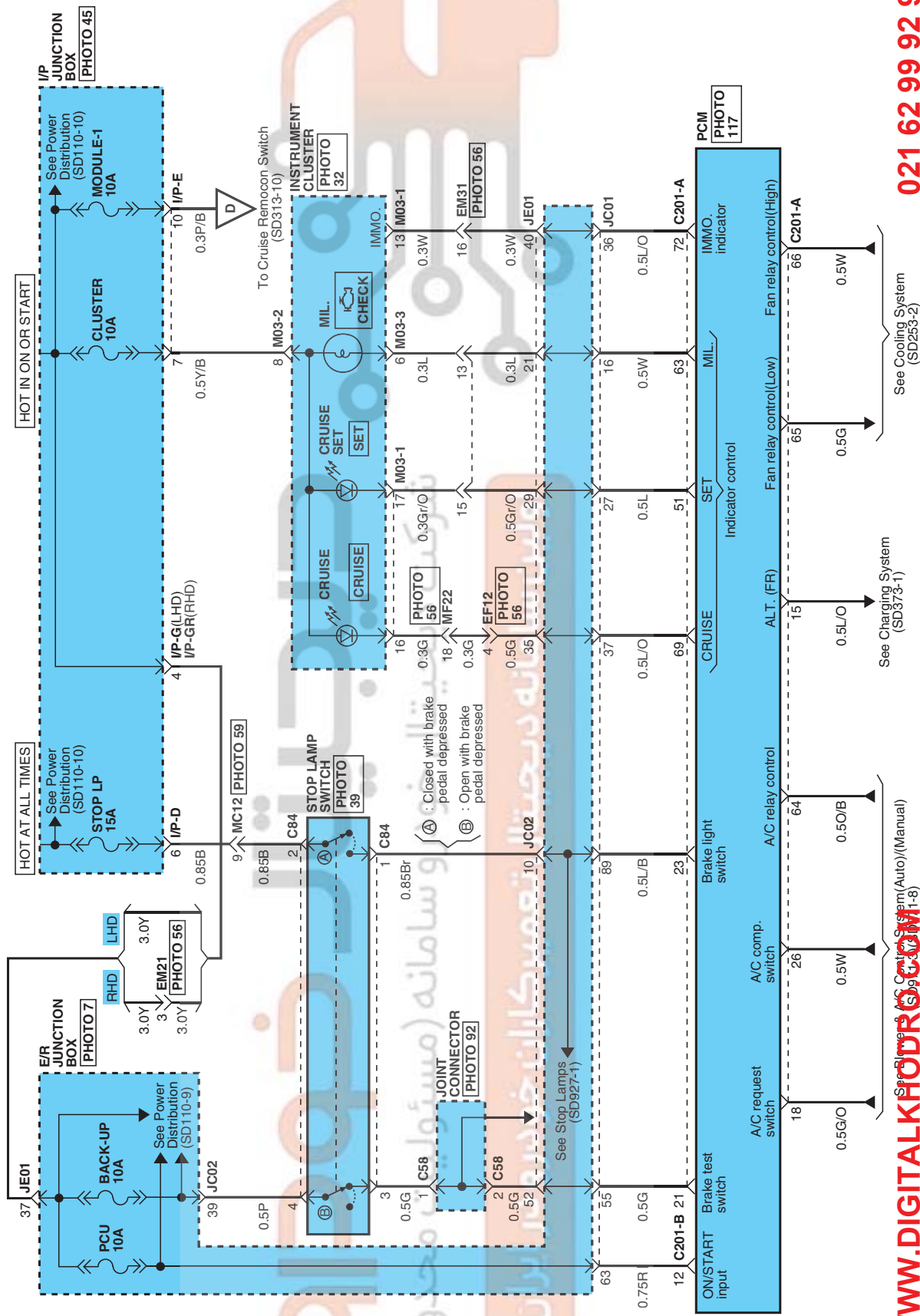
SD313-12



MFI CONTROL SYSTEM

MFI Control System (G6EA-GSL 2.7L) (5)

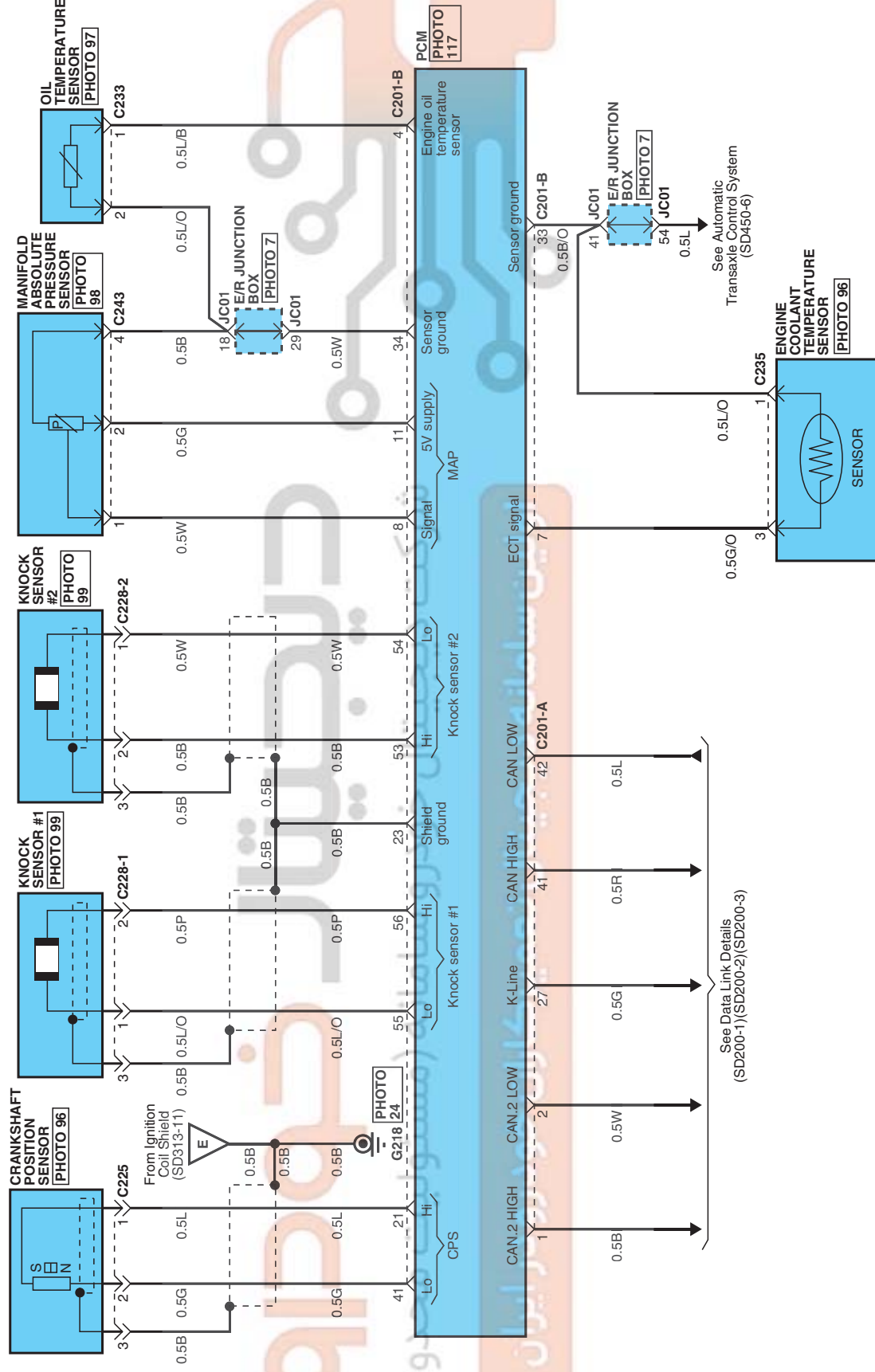
SD313-13



MFI CONTROL SYSTEM

MFI Control System (G6E-GSL 2.7L) (6)

SD313-14



MFI CONTROL SYSTEM

SD313-15			
MFI Control System (G6EA-GSL 2.7L) (7)			
C47	C66	C84	C93
KET_040WP_03F_B	AMP_070WP_06F_B	KET_250DL_04F_W	KET_090IWP_02M_B
C201-A	C201-B		
PKD_ECU_80F_GR_1	PKD_ECU_80F_B_2		
C209	C210	C211/C213/C215	C212/C214/C216
KET_58X_01F_B	AMP_2.8WP_02F_B	MLX_09DCIGAR_02F_B	MLX_09DCIGAR_02F_B
C217/C219/C221	C218/C220/C222	C224-1	C224-2
KUM_NDWP_02F_B	KUM_NDWP_02F_B	PKD_GT150_02F_GR_1	PKD_GT150_02F_B_1
021 62 99 92 92			
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MFI CONTROL SYSTEM

SD313-16			
MFI Control System (G6EA-GSL 2.7L) (8)			
C225		C226-1/2	
AMP_JPT_03F_B_S1		PKD_150WP_03F_B_L	
C229		C230-1/2	
AMP_JPT_03F_B_S2		KUM_KNMWP_04F_B	
C233		C240	
AMP_JPT_03F_B_S2		PKD_GT150_05F_B	
C242		C241	
AMP_JPT_02F_B		KUM_WTS_03F_B	
C243		F12	
AMP_JPT_04F_B_BOSCH		KET_090IWP_05F_Gr_2	
M03-3		M40	
AMP_JPT_04F_B_BOSCH		AMP_025_12F_W	
M03-2		M49	
AMP_EJWP_02F_B		KUM_CDR_05F_W	
M50-B			
MLX_040III_16F_Gr			