

KIA V38.10 Diagnostics List (Note:For reference only)

Areas	Vehicle	System	Sub System	Functions											
				System Info.	Read Dtc	Clear Dtc	Data stream	Actuation	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATION
	PRIDE	Engine(~98,99,02,03,04)	1.3L SOHC gasoline FBC before 1998		√	√									
			1.3L SOHC gasoline AFM1 before 1998		√	√									
			1.3L SOHC GASOLINE MAP		√	√	√								
		AT(2002,03,04)			√	√	√								
	VISTO	Engine(ALL Year)	UNLEAD ALL		√	√	√	√							
			UNLEAD IMMO		√	√	√	√							
			LEAD ALL		√	√	√	√							
		AT(All Year)			√	√	√	√							
		ABS(All Year)			√	√	√	√	√						
		SRS(All Year)			√	√	√								
	AVELLA	Engine(ALL Year)	1.3/1.5 GASOLINE MAP		√	√	√								
		AT			√	√									
		ABS			√	√	√								
	RIO	Engine(2000-06)	1.6 CVVT(2006)	√	√	√	√	√							
			1.4 DOHC(2006)	√	√	√	√	√							
			U 1.5L VGT DIESEL(2006)	√	√	√	√	√							
			1.3/1.5 GASOLINE MAP		√	√	√								
			1.3/1.5L MAF		√	√	√								

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				System Info.	Read Dtc	Clear Dtc	Data stream	Actuation	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATION
SHUMA			1.5/1.6L ENG(ATM) AFM1 (before 1998)		√	√									
			1.5 GASOLINE MAP		√	√	√								
		AT	(1998-2004)		√	√	√								
			before 1998		√	√									
		ABS(1998-2004)			√	√	√	√							
		SRS(before 1998-2004)			√	√									
		Engine	1.6L DOHC NON IMMO (2001-04)		√	√	√								
			1.6L DOHC W/IMMO (2001-04)		√	√	√								
			1.6L DOHC LEAD (2001-04)		√	√	√								
			1.8L DOHC GASOLINE TED (1999-2004)		√	√	√								
			1.5L GASOLINE BFD/BFE (1999-2000)		√	√	√								
		AT(1999-2004)			√	√	√								

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				System Info.	Read Dtc	Clear Dtc	Data stream	Actuation	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATION
		ABS(1999-2004)			√	√	√	√							
		SRS(1999-2004)			√	√									
	CARENS	Engine	LEAD 2.4L ALL(2007~2009)	√	√	√	√	√				√	√		
			UNLEAD 2.4L GEN(2007~2009)	√	√	√	√	√				√	√		
			UNLEAD 2.4L EOBD(2007~2009)	√	√	√	√	√				√	√		
			LEAD 2.0L ALL(2007~2009)	√	√	√	√	√				√	√		
			UNLEAD 2.0L GEN(2007~2009)	√	√	√	√	√				√	√		
			UNLEAD 2.0L EOBD(2007~2009)	√	√	√	√	√				√	√		
			2.0L DIESEL(KWP) EURO-4(2007~2009)	√	√	√	√	√							
			2.0L DIESEL(CAN)(2007~2009)	√	√	√	√	√			√				

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				System Info.	Read Dtc	Clear Dtc	Data stream	Actuation	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATION
			2.0L DIESEL(CAN) EURO-4(2007)		√	√									
			2.0L DIESEL(KWP) EURO-4(2007)		√	√									
			2.0L/2.4L GASOLINE(2007)		√	√									
			2.0L CVVT ALL (2004-05)		√	√	√	√							
			1.8L LPG (2004-05)		√	√	√	√							
			2.0L LPG (2004-05)		√	√	√	√							
			2.0L DIESEL (2003-05)	√	√	√	√	√							
			1.6L DOHC W/IMMO		√	√	√								
			1.6L DOHC EURO-IV (2003-05)		√	√	√								
			1.8L DOHC NON IMMO (2003-05)		√	√	√								
			1.8L DOHC W/IMMO (2003-05)		√	√	√								

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Areas	Vehicle	System	Sub System	Functions											
				System Info.	Read Dtc	Clear Dtc	Data stream	Actu ation	Air bleed	Impact Info.	CPF SERVICE REGENERA TION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATI ON
			1.8L DOHC EURO-IV (2003-05)		√	√	√								
			1.8L DOHC LEAD (2003-05)		√	√	√								
			1.8L DOHC M/T (2001-02)		√	√	√								
			1.8L DOHC (2001-02)		√	√	√								
			1.8L DOHC GASOLINE TED (1999-2000)		√	√	√								
	AT		DIESEL (2003-05)		√	√	√	√							
			GASOLINE (1999-2005)		√	√	√								
			1.8L LPG (2004-2005)		√	√	√								
			2.0L LPG (2004-2005)		√	√	√	√							
			2007		√	√									
			2.0/2.4 SIEMENS(2007~2009)	√	√	√	√	√			√				

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				System Info.	Read Dtc	Clear Dtc	Data stream	Actu ation	Air bleed	Impact Info.	CPF SERVICE REGENERA TION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATI ON
			2.0L DIESEL(VET) EURO-4(2007~2009)	√	√	√	√	√			√				
		ABS	DLC CABLE 16 (2003-05)	√	√	√									
			20PIN RED KIA CONNECTOR (2003-05)	√	√	√									
			1999-2002		√	√	√	√							
			2007		√	√	√	√							
			2007~2009	√	√	√	√	√							
		SRS	2003-2005	√	√	√	√								
			1999-2002 2007	√	√	√	√								
			2007~2009	√	√	√								√	√
		A/C	2007	√	√	√	√	√							
			2007~2009	√	√	√		√							
		BCM	2007~2009	√			√	√							
	SPORTAG E	Engine	2.0L DIESEL(CAN) EURO-4(06~07)		√	√									
			2.0L DIESEL(KWP) EURO-4(06~07)		√	√									
			2.0L DIESEL ALL (2004-2007)	√	√	√	√	√							

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Areas	Vehicle	System	Sub System	Functions											
				System Info.	Read Dtc	Clear Dtc	Data stream	Actu ation	Air bleed	Impact Info.	CPF SERVICE REGENERA TION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATI ON
			2.0L CVVT EOBD (2004-2007)	√	√	√	√	√							
			2.0L CVVT GEN (2004-2007)	√	√	√	√	√							
			2.0L CVVT LEAD (2004-2007)	√	√	√	√	√							
			2.7L V6 EOBD (2004-2007)	√	√	√	√	√							
			2.7L V6 GEN (2004-2007)	√	√	√	√	√							
			2.7L V6 LEAD (2004-2007)	√	√	√	√	√							
			2.0L DOHC(HFM) BOSCH (2001-03)		√	√	√								
			2.0L DOHC(HFM) LEAD (1998-2003)		√	√	√	√							
			2.0L DIESEL RF-TCI (1998-2003)		√	√	√	√							
			2.0L GASOLINE (before 1998)		√	√	√	√							

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Areas	Vehicle	System	Sub System	Functions											
				System Info.	Read Dtc	Clear Dtc	Data stream	Actuation	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATION
			2.0L Diesel RF-TCI (before 1998)		√	√									
			2.0L DOHC(HFM) UNLEAD (1998-2000)		√	√	√								
			UNLEAD(AUS) (2000)		√	√	√								
		AT	2.0L DIESEL(VGT) EURO-4(06~07)		√	√									
			2.0L DIESEL/2.7L GASOLINE(2004-2007)	√	√	√	√	√							
			2.0L GASOLINE(PCM) (2004-2007)	√	√	√	√	√							
			(1998,99,01)		√	√	√								
			TCU GASOLINE (2002,03)		√	√	√								
			TCU DIESEL (2002,03)		√	√	√								

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				System Info.	Read Dtc	Clear Dtc	Data stream	Actuation	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATION
	OPTIMA (MAGENTS)	Engine	2.0L DIESEL(VGT) EURO-4(06-07)	√	√	√	√	√							
			UNLEAD 2.0L EOBD(06-07)	√	√	√	√	√							
			UNLEAD 2.0L GEN(06-07)	√	√	√	√	√							
			LEAD 2.0L ALL(06-07)	√	√	√	√	√							
			UNLEAD 2.4L EOBD(06-07)	√	√	√	√	√							
			UNLEAD 2.7L		√	√	√	√							
			UNLEAD 2.7L GEN(06-07)		√	√	√	√							
			LEAD 2.7L ALL(06-07)		√	√	√	√							
			2.7L V6 GASOLINE (2002-04)	√	√	√	√	√							
			2.5L V6(TIO2) EURO-III (2003-04)	√	√	√	√	√							
			2.5L V6(ZRO2) EURO-II (2003-04)I	√	√	√	√	√							

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				System Info.	Read Dtc	Clear Dtc	Data stream	Actuation	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATION
	POTENTIAL	Engine(All Year)	2.0L DOHC(HFM) UNLEAD		√	√	√								
			2.0L DOHC(HFM) LEAD		√	√									
		AT			√	√									
		ABS			√	√	√								
	ENTERPRISE	Engine(All Year)	2.5L GASOLINE J5D		√	√	√								
			3.0L GASOLINE JED		√	√	√								
			OBD-II 98-99MY		√	√	√								
		AT(All Year)			√	√									
		ABS(All Year)	3.0L GASOLINE JED		√	√	√								
			3.6L GASOLINE J6D		√	√	√								
		SRS(All Year)			√	√									
	CARNIVAL (SEDONA)	Engine(2007-2008)	2.7/3.8L GASOLINE EOBD	√	√	√	√	√							
			2.7/3.8L GASOLINE GEN	√	√	√	√	√							

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				System Info.	Read Dtc	Clear Dtc	Data stream	Actuation	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRBAG REALTIME INFO.	CRASHING INFORMATION
Non-Korea			2.7/3.8L GASOLINE LEAD	√	√	√	√	√							
			J2.9 WGT(DIESEL)/C/RAIL	√	√	√	√	√							
			J2.9 VGT(DIESEL)/C/RAIL	√	√	√	√	√							
		AT(2007-2008)	TCU 2.7/3.8L (GASOLINE)	√	√	√	√	√							
			TCU 2.9 WGT(DIESEL)	√	√	√	√	√							
			TCU 2.9 VGT(DIESEL)	√	√	√	√	√							
		ABS(2007-2008)		√	√	√	√	√							
		SRS(2007-2008)	LONG BODY AIRBAG	√	√	√	√								
			SHORT BODY AIRBAG	√	√	√	√								
		AC(2007-2008)		√	√	√	√	√							
		FUEL(2007-2008)		√	√	√	√	√							
		POWER SLIDING / TAIL GATE	POWER SLIDING-LH	√	√	√	√								
			POWER SLIDING-RH	√	√	√	√								

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				System Info.	Read Dtc	Clear Dtc	Data stream	Actuation	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRBAG REALTIME INFO.	CRASHING INFORMATION
		Engine	3.5L GASOLINE M/EAST (2003-04)		√	√	√	√							
			2.5L V6 EURO-III		√	√	√	√							
			2.5L GASOLINE(EUROPE) KV6(1998-2004)		√	√	√	√							
			2.4/2.5L GASOLINE(GEN) KV6(1998-2004)		√	√	√	√							
			2.9L DIESEL C/RAIL (2002-04)		√	√	√	√							
			3.0L DIESEL(EUROPE) J3TCI (1998-2004)		√	√									
			3.0L DIESEL(GEN) J3TCI (1998-2004)		√	√									
		AT	3.5L GASOLINE M/EAST		√	√	√	√							

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				System Info.	Read Dtc	Clear Dtc	Data stream	Actuation	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATION
			GASOLINE (2002-04)		√	√	√	√							
			DIESEL (2002-04)		√	√	√	√							
			TCU(GENERAL) GAS (1998-2001)		√	√	√	√							
			TCU(EUROPE) GAS (1998-2001)		√	√	√	√							
			TCU(GENERAL) DIESEL (1998-2001)		√	√	√								
			TCU(EUROPE) DIESEL (1998-2001)		√	√	√								
		ABS	ABS(2002-04)		√	√	√	√	√						
			ABS EURO-II(2002-04)		√	√	√	√	√						
			ABS C/RAIL(2002-04)		√	√	√	√	√						
			ABS(EUROPE) (1998-2001)		√	√	√	√	√						
			ABS(GENERAL) GAS (1998-2001)		√	√	√	√	√						

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				System Info.	Read Dtc	Clear Dtc	Data stream	Actuation	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRBAG REALTIME INFO.	CRASHING INFORMATION
			ABS(GENERAL) DIESEL (1998-2001)		√	√	√	√	√						
		SRS	(2002-2004)		√	√									
			A/BAG(Europe) (1998-2001)		√	√									
			A/BAG(GENERAL) (1998-2001)		√	√									
RETONA	Engine(ALL Year)	2.0L GASOLINE			√	√	√								
		2.0L DIESEL RF-TCI			√	√	√	√							
	AT(ALL Year)				√	√	√								
	ABS(ALL Year)				√	√	√	√							
JOICE	Engine(ALL Year)	2.0L GASOLINE EURO-III			√	√	√	√							
	ABS(ALL Year)				√	√	√	√	√						
	SRS(ALL Year)				√	√	√								
TOWNER															
PREGIO	Engine(2002-04)				√	√	√	√							
FRONTIE	Engine(2002-04)				√	√	√	√							
SORENTO	Engine(2007-2008)	UNLEAD 3.3/3.8L EOBD		√	√	√	√	√							
		UNLEAD 3.3/3.8L GEN		√	√	√	√	√							
		LEAD 3.3/3.8L ALL		√	√	√	√	√							

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				System Info.	Read Dtc	Clear Dtc	Data stream	Actu ation	Air bleed	Impact Info.	CPF SERVICE REGENERA TION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATI ON
			2.0L DIESEL(4WD)		√	√									
			2.5L DIESEL		√	√									
		AT(2006)	GASOLINE		√	√									
			GASOLINE		√	√									
			4.2L DIESEL		√	√									
			ATCO		√	√									
		ABS(2006)		√	√	√	√	√							
		SRS(2006)		√	√	√	√								
		A/C(2006)													
		ELEC. POWER STEERING(2006)													
		4WD(2006)													
		FUEL FIRED HEATER(2006)													
		Engine(2003-04)	ENGINE DIESEL(A-ENG)		√	√	√	√							
			3.5L V6 GASOLINE ALL		√	√	√	√							
			2.4L GASOLINE UNLEAD		√	√	√	√							
			2.4L GASOLINE LEAD		√	√	√	√							
		AT(2003-04)	AUTO.TRANSA XLE(4 GEARS)		√	√	√	√							
			AUTO.TRANSA XLE(5 GEARS)	√	√	√	√	√							

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OPIRUS		ABS(2003-04)		√	√	√	√	√	√						
		SRS(2003-04)		√	√	√	√								
		ELEC. POWER STEERING(2003-04)		√	√	√	√								
		4WD(2003-04)			√	√									
		FUEL FIRED HEATER(2003-04)			√	√	√	√							
		Engine(2004~2005)	3.5L V6 EOBD		√	√	√	√							
			3.5L V6 GEN		√	√	√	√							
			2.7L		√	√									
			2007		√	√									
		AT	(2004~2005)		√	√	√	√							
			2007		√	√									
		ABS/TCS/ESP (2004~2007)			√	√	√	√							
		SRS	(2004~2005)		√	√	√								
			2007		√	√									
		BODY CONTROL MODULE(2004~2007)	BODY CONTROL MODULE	√	√	√	√	√							
			DRIVER POWER WINDOW		√	√	√	√							

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			PASSENGER POWER WINDOW		√	√	√	√							
			DRIVER POWER SEAT		√	√	√	√							
			TILT & TELESCOPE		√	√	√	√							
			DIAGNOSE ECM TOTALY		√										
		A/C			√	√	√	√							
		ELEC. POWER STEERING			√	√									
		ELEC. CONTROL SUSPENSION			√	√									
		AHLS		√	√	√	√								
		SMART KEY	IFU	√			√	√							
SPECTRA	Engine(All Year)	Eng. 1.5L/1.6(Non Immo)			√	√	√								
		Eng. 1.5L/1.6(W/Immo)			√	√	√								
		Eng. 1.5L/1.6 Lead			√	√	√								
	AT(All Year)				√	√	√								
	ABS(All Year)				√	√	√	√							

KIA V38.10 Diagnostics List (Note:For reference only)

Areas	Vehicle	System	Sub System	Functions											
				System Info.	Read Dtc	Clear Dtc	Data stream	Actu ation	Air bleed	Impact Info.	CPF SERVICE REGENERA TION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATI ON
		SRS(All Year)			√	√									
	CREDOS	Engine(All Year)	CREDOS 1.8 DOHC ENG		√	√	√	√							
			CREDOS 2.0 SOHC ENG		√	√	√	√							
			CREDOS 2.0 DOHC ENG		√	√	√	√							
			CREDOS 1.8 LPG ENG		√	√	√	√							
			CREDOS 2.0 LPG ENG		√	√	√	√							
			CREDOS II 1.8 DOHC ENG		√	√	√	√							
			CREDOS II 2.0 SOHC ENG		√	√	√	√							
			CREDOS II 2.0 DOHC ENG		√	√	√	√							
			CREDOS II V6 ENG		√	√	√								
		AT(All Year)	CREDOS 1.8 LPG AT												
			CREDOS 2.0 LPG AT												
			CREDOS II 1.8 DOHC AT		√	√	√								
			CREDOS II 2.0 SOHC AT		√	√	√								

KIA V38.10 Diagnostics List (Note:For reference only)

Areas	Vehicle	System	Sub System	Functions											
				System Info.	Read Dtc	Clear Dtc	Data stream	Actuation	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATION
			CREDOS II 2.0 DOHC AT		√	√	√								
			CREDOS II V6 AT		√	√	√								
		SRS(All Year)	CREDOS 1.8 DOHC SRS		√	√	√								
			CREDOS 2.0 SOHC SRS		√	√	√								
			CREDOS 2.0 DOHC SRS		√	√	√								
			CREDOS II 1.8 DOHC SRS		√	√	√								
			CREDOS II 2.0 SOHC SRS		√	√	√								
			CREDOS II 2.0 DOHC SRS		√	√	√								
			CREDOS II V6 SRS		√	√	√								
	CARSTAR	Engine(All Year)	CARSTAR FBM(LPG) ENG		√	√	√								
		ABS(All Year)	CARSTAR DOHC ABS		√	√	√	√							
			CARSTAR FBM(LPG) ABS		√	√	√	√							
		SRS(All Year)	CARSTAR DOHC SRS		√	√	√								

KIA V38.10 Diagnostics List (Note:For reference only)

Areas	Vehicle	System	Sub System	Functions											
				System Info.	Read Dtc	Clear Dtc	Data stream	Actuation	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATION
			CARSTAR FBM(LPG) SRS		√	√	√								
	K2500	Engine(2004~2005)	2.5L Diesel Eng. (4D56 TCI)		√	√	√	√							
		Engine(2003)	2.5L Diesel Eng. (4D56 TCI)		√	√	√	√							
		Engine(2002)	2.5L Diesel Eng. (4D56 TCI)		√	√	√	√							
	PICANTO (MORNING)	Engine(2006~2007)	1.1L VGT DIESEL CAN		√	√									
			1.1L VGT DIESEL KWP		√	√									
		AT(2006~2007)	GASOLINE		√	√	√								
			DIESEL		√	√									
		ABS(2006~2007)		√	√	√	√	√	√						
		SRS(2006~2007)		√	√	√				√					
		ELEC. POWER STEERING(2006~2007)			√	√									
		Engine(2004~2005)	1.0L/1.1L SOHC EOBD		√	√	√								
			1.0L/1.1L SOHC GEN		√	√	√								
			1.0L/1.1L SOHC Lead		√	√	√								
		AT(2004~2005)			√	√	√								

KIA V38.10 Diagnostics List (Note:For reference only)

Areas	Vehicle	System	Sub System	Functions											
				System Info.	Read Dtc	Clear Dtc	Data stream	Actuation	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATION
		ABS(2004~2005)		√	√	√	√	√	√						
		SRS(2004~2005)		√	√	√				√					
	CERATO (SPECTRA)	Engine(2007~2008)	UNLEAD 2.0L GEN	√	√	√	√	√							
			UNLEAD 2.0L EOBD	√	√	√	√	√							
			LEAD 2.0L ALL	√	√	√	√	√							
			LEAD 1.6L GEN	√	√	√	√	√							
			LEAD 1.6L EOBD	√	√	√	√	√							
			LEAD 1.6L ALL	√	√	√	√	√							
			DIESEL VGT	√	√	√	√	√							
		AT(2007~2008)	1.6 GASOLINE	√	√	√	√	√							
			2.0 GASOLINE	√	√	√	√	√							
			1.6 DIESEL	√	√	√	√	√							
		ABS(2007~2008)		√	√	√	√	√							
		SRS(2007~2008)			√	√	√								
		AC(2007~2008)		√	√	√	√	√							
		Engine(2004~2007)	2.0L/1.6L GASOLINE		√	√									
			1.6L DIESEL(VGT) EURO-4		√	√									
			2.0L Diesel Eng. All	√	√	√	√	√							

KIA V38.10 Diagnostics List (Note:For reference only)

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KIA V38.10 Diagnostics List (Note:For reference only)

Areas	Vehicle	System	Sub System	Functions											
				System Info.	Read Dtc	Clear Dtc	Data stream	Actuation	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATION
	CEE'D	Engine(2007)	BETA 2.0L	√	√	√	√	√							
			GAMMA 1.4L/1.6L	√	√	√	√	√							
			U 1.6L DIESEL (- CPF)	√	√	√	√	√							
			U 1.6L DIESEL (+ CPF)	√	√	√	√	√							
			2.0L DIESEL(CAN) EURO-4	√	√	√	√	√							
		AT(2007)	1.4/1.6 GASOLINE	√	√	√	√	√							
			2.0 GASOLINE	√	√	√	√	√							
		ABS(2007)		√	√	√	√	√							
		SRS(2007)		√	√	√				√					
		A/C(2007)		√	√	√	√	√							
		BODY CONTROL MODULE(2007)		√			√	√							
		ELEC. POWER STEERING(2007)		√	√	√	√								
	PRIDE(~04)	Engine	NEW STYLE ENGINE SIEMENS		√	√	√								
		Engine	1.6 CVVT		√	√	√	√							
			1.4 DOHC		√	√	√	√							
			U 1.5L VGT DIESEL		√	√	√	√							

KIA V38.10 Diagnostics List (Note:For reference only)

Areas	Vehicle	System	Sub System	Functions											
				System Info.	Read Dtc	Clear Dtc	Data stream	Actuation	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATION
	PRIDE(05~)	AT			√	√	√	√							
		ABS		√	√	√	√	√	√						
		HYBRID	Hybrid Control(HCU)		√	√	√	√							
			Motor control(MCU)		√	√	√	√							
			Battery Control(BMS)		√	√	√	√							
		SRS		√	√	√	√								
		AC		√	√	√	√	√							
		EPS		√	√	√	√								
			AT		√	√	√								
	VISTO	Engine	ENGINE 0.8 SOHC		√	√	√	√							
		ABS			√	√	√	√	√						
		SRS			√	√	√								
	MORNING	Engine	ENGINE 1.0 SOHC		√	√	√								
		AT		√	√	√	√	√							
		ABS		√	√	√	√	√	√						
		SRS		√	√	√				√					
	AVELLA	AT			√	√									
		ABS			√	√	√								
	RIO	Engine	ENGINE 1.3/1.5 SIEMENS		√	√	√								
		AT			√	√	√								
		ABS			√	√	√	√							

KIA V38.10 Diagnostics List (Note:For reference only)

Areas	Vehicle	System	Sub System	Functions											
				System Info.	Read Dtc	Clear Dtc	Data stream	Actu action	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATION
	SHUMA	Engine	ENGINE 1.5 SOHC SIEMENS		√	√	√								
			ENGINE 1.5 DOHC BOSCH		√	√	√								
			ENGINE 1.8 BOSCH		√	√	√								
		AT			√	√	√								
		ABS			√	√	√	√							
		SRS			√	√									
	CERATO	Engine	ENGINE 2.0 CVVT SIEMENS	√	√	√	√								
			Diesel ENG. 1.6LVGT	√	√	√	√								
			Engine 1.5/1.6 CVVT	√	√	√	√								
			Engine 2.0L(MT)	√	√	√	√								
			Engine 2.0L(AT)	√	√	√	√								
		AT	1.5 IMPROVED TYPE (INTEGRATION)		√	√	√	√							
			1.6 L(new)	√	√	√	√								
			2.0 L(new)	√	√	√	√								
			Diesel	√	√	√	√								
		ABS		√	√	√	√	√							
		SRS	F/L new	√	√	√	√								
			SRS old	√	√	√	√								
		AC		√	√	√	√	√							

KIA V38.10 Diagnostics List (Note:For reference only)

Areas	Vehicle	System	Sub System	Functions											
				System Info.	Read Dtc	Clear Dtc	Data stream	Actuation	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATION
	CARENS	Engine(2006-)	LPI(EMS ECU)	√	√	√	√	√							
			LPI(IFB ECU)	√	√	√	√	√							
			DIESEL	√	√	√	√	√							
		AT(2006-)	LPI	√	√	√	√	√							
			DIESEL	√	√	√	√	√							
		ABS(2006-)			√	√	√	√							
		SRS(2006-)		√	√	√	√								
		A/C(2006-)		√	√	√	√	√							
		BODY CONTROL MODULE(2006-)		√			√	√							
		Engine	ENGINE 1.8 BOSCH		√	√	√								
			ENGINE 1.8 LPG		√	√	√	√							
			ENGINE 2.0 LPG MODERN AUTONET		√	√	√	√							
		AT			√	√	√								
		ABS			√	√	√	√							
		SRS			√	√									
	CARENS II	Engine	ENGINE 1.8 LPG		√	√	√	√							
			ENGINE 2.0 LPG MODERN AUTONET		√	√	√	√							
			ENGINE 1.8		√	√	√								
			ENGINE 2.0		√	√	√	√							

KIA V38.10 Diagnostics List (Note:For reference only)

Areas	Vehicle	System	Sub System	Functions											
				System Info.	Read Dtc	Clear Dtc	Data stream	Actu ation	Air bleed	Impact Info.	CPF SERVICE REGENERA TION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATI ON
		AT	1.8LPG/1.8 GASOLINE		√	√	√								
			2.0LPG/2.0 GASOLINE		√	√	√	√							
		ABS		√	√	√	√	√	√						
		SRS		√	√	√	√								
	CREDOS	Engine	ENGINE 1.8 DOHC BOSCH		√	√	√	√							
			ENGINE 2.0 SOHC BOSCH		√	√	√	√							
			ENGINE 2.0 DOHC BOSCH		√	√	√	√							
		SRS			√	√	√								
	CREDOS II	Engine	ENGINE 1.8 DOHC BOSCH		√	√	√	√							
			ENGINE 2.0 SOHC BOSCH		√	√	√	√							
			ENGINE 2.0 DOHC BOSCH		√	√	√	√							
		SRS			√	√	√								
	OPTIMA	Engine	ENGINE 1.8/2.0 MELCO		√	√	√	√							
			ENGINE 1.8 DOHC SIEMENS	√	√	√	√	√							
			ENGINE 2.5 V6 SIEMENS		√	√	√	√							

KIA V38.10 Diagnostics List (Note:For reference only)

Areas	Vehicle	System	Sub System	Functions											
				System Info.	Read Dtc	Clear Dtc	Data stream	Actuation	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATION
Korea			ENGINE 2.0 LPG SIEMENS ENGINE	√	√	√	√	√							
			ENGINE 2.0 LPG BETA ENGINE	√	√	√	√	√							
		AT	1.8/2.0/2.5 ALL		√	√	√	√							
			CVT	√	√	√	√	√							
		ABS	MANDO TYPE		√	√	√	√							
			BOSCH TYPE		√	√	√	√							
		SRS			√	√	√								
	OPTIMA (REGAL)	Engine	ENGINE 1.8 DOHC SIEMENS	√	√	√	√	√							
			ENGINE 2.0 DOHC MELCO		√	√	√	√							
			ENGINE 2.5 V6 SIEMENS		√	√	√	√							
			ENGINE 2.0 LPG BETA ENGINE	√	√	√	√	√							
	AT		2.0		√	√	√	√							
			1.8/2.5 SIEMENS	√	√	√	√	√							
			CVT	√	√	√	√	√							
	ABS		BOSCH TYPE		√	√	√	√							
	SRS			√	√	√	√								
	SPORTAGE (-97)	Engine	ENGINE 2.0 BOSCH		√	√	√	√							

KIA V38.10 Diagnostics List (Note:For reference only)

Areas	Vehicle	System	Sub System	Functions											
				System Info.	Read Dtc	Clear Dtc	Data stream	Actuation	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATION
	SPORTAGE (98-03)	Engine	ENGINE 2.0 BOSCH		√	√	√								
		AT			√	√	√								
		ABS			√	√	√	√	√						
	SPORTAGE (04-)	Engine	2.0 WGT EURO 3 DIESEL	√	√	√	√	√							
			2.0L CVVT SIEMENS	√	√	√	√	√							
			DIESEL		√	√	√	√							
		AT	2.0L DIESEL MELCO	√	√	√	√	√							
			2.0L DIESEL BOSCH	√	√	√	√	√							
			2.0L CVVT SIEMENS	√	√	√	√	√							
		ABS/TCS/ESP		√	√	√	√	√	√						
		A/C		√	√	√	√	√							
		4WD		√	√	√									
			WIPER SENSOR(VALID)	√			√	√							
			WIPER SENSOR(INVALID)	√			√	√							

KIA V38.10 Diagnostics List (Note:For reference only)

Areas	Vehicle	System	Sub System	Functions											
				System Info.	Read Dtc	Clear Dtc	Data stream	Actuation	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATION
	SORENTO	Engine	2.5L CRDI DIESEL WGT(~03)		√	√	√	√							
			2.5L CRDI DIESEL WGT(04~)		√	√	√	√							
			2.5L CRDI DIESEL WGT(05~)		√	√	√	√							
			3.5 GASOLINE		√	√	√	√							
			2.5L DIESEL(EURO3) CAN	√	√	√	√	√							
			2.5L DIESEL(EURO3) KWP		√	√	√	√							
		AT	Automatic transmission(4S)		√	√	√	√							
		ABS		√	√	√	√	√	√						
		SRS		√	√	√	√								
		ELEC. POWER STEERING		√	√	√	√								
		4WD	4WD(TOD-AUTO)		√	√									
		FUEL FIRED HEATER			√	√	√	√							

KIA V38.10 Diagnostics List (Note:For reference only)

Areas	Vehicle	System	Sub System	Functions											
				System Info.	Read Dtc	Clear Dtc	Data stream	Actuation	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATION
	CARNIVAL/ CARNIVAL II	Engine	ENGINE 3.0 DIESEL		√	√									
			ENGINE 2.5 LPG		√	√	√	√							
		AT			√	√	√	√							
		ABS			√	√	√	√	√						
		SRS			√	√									
	GRAND CARNIVAL	Engine	KJ 2.9 CRDI WGT DIESEL		√	√	√	√							
			KJ 2.9 CRDI VGT DIESEL	√	√	√	√	√							
			2.7 LPI(EMS ECU)	√	√	√	√	√							
			2.7 LPI(IPB ECU)	√	√	√	√	√							
		AT	KJ 2.9 CRDI VGT DIESEL	√	√	√	√	√							
			KJ 2.9 CRDI WGT DIESEL	√	√	√	√	√							
			2.7 LPI		√	√	√	√							
		ABS			√	√	√	√							
		SRS			√	√				√					
		A/C			√	√	√	√							

KIA V38.10 Diagnostics List (Note:For reference only)

Areas	Vehicle	System	Sub System	Functions											
				System Info.	Read Dtc	Clear Dtc	Data stream	Actuation	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATION
	POTENTIAL	Engine	ENGINE 2.0 DOHC BOSCH		√	√									
		AT			√	√									
		ABS	ABS 5		√	√	√								
			ABS/ASR 5(TCS INCLUDED)		√	√	√								
	NEW POTENTIAL	Engine	ENGINE 2.0L(before 2001)		√	√									
			ENGINE 2.0L(after 2001)		√	√	√								
			ENGINE 2.5 V6 JAPAN ELECTROMOTION		√	√	√								
		AT			√	√									
		ABS	ABS 5		√	√	√								
			ABS/ASR 5(TCS INCLUDED)		√	√	√								
	ENTERPR	Engine	ENGINE 2.5 V6 JAPAN		√	√	√								
			ENGINE 3.0 V6 JAPAN ELECTROMOTION		√	√	√								

KIA V38.10 Diagnostics List (Note:For reference only)

Areas	Vehicle	System	Sub System	Functions											
				System Info.	Read Dtc	Clear Dtc	Data stream	Actuation	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRB AG REALTIME INFO.	CRASHING INFORMATION
			ENGINE 3.6 V6 JAPAN ELECTROMOTION		√	√	√								
			ENGINE 2.5 V6 BOSCH(00MY~)		√	√	√								
		AT			√	√									
		ABS	ABS 5		√	√	√								
			ABS/ASR 5(TCS INCLUDED)		√	√	√								
		SRS			√	√									
	OPIRUS	Engine	ENGINE 3.0/3.5 ETS MELCO		√	√	√	√							
			2.7L		√	√									
			F/L new	√	√	√	√								
			Old Lamda		√	√	√	√							
			LPI(EMS ECU)redo car	√	√	√	√								
			LPI(EMS ECU) delta	√	√	√	√	√							
			LPI(EMS ECU)	√	√	√	√								
		AT	Old Lamda	√	√	√	√	√							
			2.7/3.0/3.5 TCU		√	√	√	√							
		ABS			√	√	√	√							

KIA V38.10 Diagnostics List (Note:For reference only)

Areas	Vehicle	System	Sub System	Functions											
				System Info.	Read Dtc	Clear Dtc	Data stream	Actuation	Air bleed	Impact Info.	CPF SERVICE REGENERATION	RESETTING ADAPTIVE VALUES	FREEZE FRAME DATA	PASS. AIRBAG REALTIME INFO.	CRASHING INFORMATION
		SRS			√	√	√								
		A/C			√	√	√	√							
		ELEC. POWER STEERING			√	√									
		ELEC. CONTROL SUSPENSION			√	√									
		AHLS		√	√	√	√								
		SMART KEY	INTERBASE UNIT (IFU)	√			√	√							
	LOTZE	Engine	1.8/2.0 & 2.4+ET		√	√	√	√							
			LPI (EMS ECU)		√	√	√	√							
			LPI (IFB ECU)		√	√	√	√							
		AT	1.8/2.0 & 2.4+ET		√	√	√	√							
			Diesel CAN BUS		√	√	√	√							
		ABS			√	√	√	√							
		SRS			√	√				√					
	BONGO III	Engine	2.5 (TCI)	√	√	√	√	√							
			2.9 (COMMON RAIL)	√	√	√	√	√							
		AT		√	√	√	√								
		ABS		√	√	√	√	√							

(*):Tested;

(?):Manual on website(www.x431.com)

The final interpretation of the products belongs to LAUNCH TECH CO.,LTD.

CONNECTOR	X431	DIAGUN
SMART OBD	Use for the cars of 16-PIN Diagnostic socket	N/A
KIA-20	Use for the cars of 20PIN Diagnostic socket	Use for the cars of 20PIN Diagnostic socket
OBD 16C	N/A	N/A
CANBUS II	Use for the cars of 16-PIN Diagnostic socket	N/A
diagun connector	N/A	Use for the cars of 16-PIN Diagnostic socket
SUPER 16	Use for the cars of 16-PIN Diagnostic socket	N/A