

SPX AUTOBOSS TECH. INC.
Autoboss Scanner Function List

Basic/Special Function List

KIA

Autoboss Scanner: V30
 Version: V3.1
 Date: 2009-02-10

CAR NAME	YEAR	SYSTEM	SUB SYSTEM	ECU INFORMAT- ION	DIAGNOSTIC TROUBLE CODES	CLEAR THE TROUBLE CODES	CURRENT DATA	ACTUATION TEST	OTHER FUNCTION
01. PRIDE	2006	ENGINE CONTROL		✓	✓	✓	✓	✓	
	2003	ENGINE CONTROL	1. 3L SOHC CASOLINE MAP	✓	✓	Manual	✓		
		AUTOMATIC TRANSAXLE			✓	✓			
	2002	ENGINE CONTROL	1. 3L SOHC CASOLINE MAP	✓	✓	Manual	✓		
AUTOMATIC TRANSAXLE					✓	✓			
02. VISTO	All Model year	ENGINE CONTROL	UNLEAD ALL		✓	✓	✓	✓	1. RESETTING ADAPTIVE VALUES
			UNLEAD IMMO		✓	✓	✓	✓	
			LEAD ALL		✓	✓	✓	✓	1. RESETTING ADAPTIVE

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									VALUES 2. IDLE CO ADJUSTMENT
		AUTOMATIC TRANSAXLE			✓	✓	✓	✓	
		ANTI-LOCK BRAKE SYSTEM			✓	✓	✓	✓	1. HCU AIR BLEEDING MODE
		SRS-AIRBAG		✓	✓	✓	✓		1. ACTIVE DTC INFORMATION 2. HISTORY DTC INFORMATION
03. PICANTO (MORNING)	2008	ENGINE CONTROL	1. 1L VGT DIESEL CAN	✓	✓	✓	✓	✓	
			1. 0L/1. 1L EOBD	✓	✓	✓	✓	✓	
			1. 0L/1. 1L GEN	✓	✓	✓	✓	✓	
			1. 0L/1. 1L LEAD	✓	✓	✓	✓	✓	
		AUTOMATIC TRANSAXLE	GASOLINE	✓	✓	✓	✓	✓	
			DIESEL	✓	✓	✓	✓	✓	
		ABS/ESP							
		SRS-AIRBAG		✓	✓	✓			CRASHING INFORMATION
		ELEC. POWER STEERING		✓	✓	✓	✓	✓	
		IMMOBILIZER	GASOLINE					✓	

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			DIESEL				✓		
		CODE SAVING							✓
2007	ENGINE CONTROL	1. 1L VGT DIESEL CAN	✓	✓	✓	✓	✓	✓	
		1. 1L VGT DIESEL KWP							
		1. 0L/1. 1L SOHC EOB	✓	✓	✓	✓	✓	✓	
		1. 0L/1. 1L SOHC GEN	✓	✓	✓	✓	✓	✓	
		1. 0L/1. 1L SOHC LEAD	✓	✓	✓	✓	✓	✓	
	AUTOMATIC TRANSAXLE	GASOLINE	✓	✓	✓	✓	✓	✓	RESETTING ADAPTIVE VALUES
		DIESEL	✓	✓	✓	✓	✓	✓	RESETTING ADAPTIVE VALUES
	ANTI-LOCK BRAKE SYSTEM								
	SRS-AIRBAG		✓	✓	✓				1. CRASHING INFORMATION
	ELEC. POWER STEERING		✓	✓	✓	✓			
	IMMOBILIZER	GASOLINE					✓		
		DIESEL					✓		
	CODE SAVING								✓
	ENGINE CONTROL	1. 1L VGT DIESEL CAN	✓	✓	✓	✓	✓	✓	
1. 1L VGT DIESEL KWP		✓	✓	✓	✓	✓	✓		

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2006		1. 0L/1. 1L SHOHC EOBD	✓	✓	✓	✓	✓	1. FREEZE FRAME DATA	
		1. 0L/1. 1L SHOHC GEN	✓	✓	✓	✓	✓		
		1. 0L/1. 1L SHOHC LEAD	✓	✓	✓	✓	✓	1. IDLE CO ADJUSTMENT	
	AUTOMATIC TRANSAXLE	GASOLINE	✓	✓	✓	✓	✓		
		DIESEL	✓	✓	✓	✓	✓		
	ANTI-LOCK BRAKE SYSTEM		✓	✓	✓	✓	✓	1. HCU AIR BLEEDING MODE	
	SRS-AIRBAG		✓	✓	✓	✓			
	ELEC. POWER STEERING		✓	✓	✓	✓			
	IMMOBILIZER	GASOLINE					✓		
		DIESEL					✓		
	CODE SAVING							✓	
	2004~ 2005		1. 0L/1. 1L SHOHC EOBD	✓	✓	✓	✓	✓	1. FREEZE FRAME DATA
			1. 0L/1. 1L SHOHC GEN	✓	✓	✓	✓	✓	
			1. 0L/1. 1L SHOHC LEAD	✓	✓	✓	✓	✓	1. IDLE CO ADJUSTMENT
AUTOMATIC TRANSAXLE			✓	✓	✓	✓	✓		

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		ANTI-LOCK BRAKE SYSTEM		✓	✓	✓	✓	✓	1. HCU AIR BLEEDING MODE
		SRS-AIRBAG		✓	✓	✓	✓		
		IMMOBILIZER					✓		
		CODE SAVING							✓
04. AVELLA	All Model year	ENGINE CONTROL	1. 3L/1. 5L GASOLINE MAP	✓	✓	Manual	✓		
		AUTOMATIC TRANSAXLE			✓	Manual			
		ANTI-LOCK BRAKE SYSTEM			✓	✓	✓	✓	
05. RIO	2007	ENGINE CONTROL	1.6L CVVT EOBD	✓	✓	✓	✓	✓	
			1.6L CVVT GEN	✓	✓	✓	✓	✓	
			1.6L CVVT LEAD	✓	✓	✓	✓	✓	
			1.4L DOHC EOBD	✓	✓	✓	✓	✓	
			1.4L DOHC GEN	✓	✓	✓	✓	✓	1. RESETTING ADAPTIVE VALUES
			1.4L DOHC LEAD	✓	✓	✓	✓	✓	1. RESETTING ADAPTIVE VALUES 2. IDLE CO ADJUSTMENT
			1.5L VGT DIESEL	✓	✓	✓	✓	✓	
			AUTOMATIC			✓	✓	✓	✓

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		TRANSAXLE								
		ANTI-LOCK BRAKE SYSTEM								
		SRS-AIRBAG		✓	✓	✓			1. CRASHING INFORMATION	
		IMMOBILIZER					✓			
		BODE SAVING							✓	
	2006	ENGINE CONTROL	1.6L CVVT EOBD		✓	✓	✓	✓	✓	1. RESETTING ADAPTIVE VALUES
			1.6L CVVT GEN		✓	✓	✓	✓	✓	1. RESETTING ADAPTIVE VALUES
			1.6L CVVT LEAD		✓	✓	✓	✓	✓	1. RESETTING ADAPTIVE VALUES 2. IDLE CO ADJUSTMENT
			1.4L DOHC EOBD		✓	✓	✓	✓	✓	1. RESETTING ADAPTIVE VALUES
			1.4L DOHC GEN		✓	✓	✓	✓	✓	1. RESETTING ADAPTIVE VALUES
1.4L DOHC LEAD				✓	✓	✓	✓	✓	1. RESETTING ADAPTIVE VALUES 2. IDLE CO	

1.4L DOHC LEAD

2. IDLE CO

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									ADJUSTMENT
		U 1.5L VGT DIESEL	✓	✓	✓	✓	✓	✓	
		AUTOMATIC TRANSAXLE	✓	✓	✓	✓	✓	✓	1. RESETTING ADAPTIVE VALUES
		ANTI-LOCK BRAKE SYSTEM	✓	✓	✓	✓	✓	✓	1. HCU AIR BLEEDING MODE
		SRS-AIRBAG	✓	✓	✓	✓	✓		
		IMMOBILIZER			✓				
		CODE SAVING							✓
	2004~ 2005	1. 3L/1. 5L GASOLINE MAP		✓	✓	✓			1. FREEZE FRAME DATA
		1. 3L/1. 5L MAF		✓	✓	✓			1. FREEZE FRAME DATA
		1. 3L/1. 5L GASOL. W. IMMO		✓	✓	✓			1. FREEZE FRAME DATA
		1. 3L/1. 5L GASOLINE LEAD		✓	✓	✓			1. FREEZE FRAME DATA 2. IDLE CO ADJUSTMENT
		AUTOMATIC TRANSAXLE		✓	✓	✓			
		ANTI-LOCK							
		16PIN OBD2 CONNECTOR	✓	✓	✓	✓	✓	✓	1. HCU AIR

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		BRAKE SYSTEM							BLEEDING MODE
			20PIN RED KIA CONNECTOR	✓	✓	✓	✓	✓	1. HCU AIR BLEEDING MODE
		SRS-AIRBAG		✓	✓	✓	✓		1. ACTIVE DTC INFORMATION 2. HISTORY DTC INFORMATION
		CODE SAVING							✓
2003	ENGINE CONTROL		1. 3L/1. 5L GASOLINE MAP		✓	✓	✓		1. FREEZE FRAME DATA
			1. 3L/1. 5L MAF		✓	✓	✓		1. FREEZE FRAME DATA
			1. 3L/1. 5L GASOL. W. IMMO		✓	✓	✓		1. FREEZE FRAME DATA
			1. 3L/1. 5L GASOLINE LEAD		✓	✓	✓		1. FREEZE FRAME DATA 2. IDLE CO ADJUSTMENT
	AUTOMATIC TRANSAXLE				✓	✓	✓		
	ANTI-LOCK BRAKE SYSTEM		16PIN OBD2 CONNECTOR	✓	✓	✓	✓	✓	1. HCU AIR BLEEDING MODE

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			20PIN RED KIA CONNECTOR	✓	✓	✓	✓	✓	1. HCU AIR BLEEDING MODE
		SRS-AIRBAG		✓	✓	✓	✓		1. ACTIVE DTC INFORMATION 2. HISTORY DTC INFORMATION
		CODE SAVING							
	2001~ 2002	ENGINE CONTROL	1. 3L/1. 5L GASOLINE MAP		✓	✓	✓		1. FREEZE FRAME DATA
			1. 3L/1. 5L MAF		✓	✓	✓		1. FREEZE FRAME DATA
			1. 3L/1. 5L (RHD) MAP		✓	✓	✓		1. FREEZE FRAME DATA
			1. 3L/1. 5L (RHD) MAF		✓	✓	✓		1. FREEZE FRAME DATA
			1. 3L/1. 5L GASOL. W. IMMO		✓	✓	✓		1. FREEZE FRAME DATA
			1. 3L/1. 5L GASOLINE LEAD		✓	✓	✓		1. FREEZE FRAME DATA 2. IDLE CO ADJUSTMENT
		AUTOMATIC	TCU LHD		✓	✓	✓		

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		TRANSAXLE	TCU RHD		✓	✓	✓			
		ANTI-LOCK BRAKE SYSTEM	ABS LHD	✓	✓	✓	✓	✓		
			ABS RHD	✓	✓	✓	✓	✓		
		SRS-AIRBAG	A/BAG LHD	✓	✓	✓	✓		1. ACTIVE DTC INFORMATION 2. HISTORY DTC INFORMATION	
			A/BAG RHD	✓	✓	✓	✓		1. ACTIVE DTC INFORMATION 2. HISTORY DTC INFORMATION	
	2000	ENGINE CONTROL	1. 3L/1. 5L GASOLINE MAP		✓	✓	✓		1. FREEZE FRAME DATA	
				1. 3L/1. 5L MAF		✓	✓	✓		1. FREEZE FRAME DATA
				1. 3L/1. 5L (RHD) MAP		✓	✓	✓		1. FREEZE FRAME DATA
				1. 3L/1. 5L (RHD) MAF		✓	✓	✓		1. FREEZE FRAME DATA
				1. 3L/1. 5L GASOL. W. IMMO		✓	✓	✓		1. FREEZE FRAME DATA
				1. 3L/1. 5L GASOLINE LEAD		✓	✓	✓		1. FREEZE FRAME

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									DATA 2. IDLE CO ADJUSTMENT
		AUTOMATIC	TCU LHD		✓	✓	✓		
		TRANSAXLE	TCU RHD		✓	✓	✓		
		ANTI-LOCK	ABS LHD	✓	✓	✓	✓	✓	
		BRAKE SYSTEM	ABS RHD	✓	✓	✓	✓	✓	
		SRS-AIRBAG	A/BAG LHD		✓	✓			
			A/BAG RHD		✓	✓			
06. SEPHIA (MENTOR)	2004	ENGINE CONTROL	1. 6L DOHC NON IMMO		✓	✓	✓		1. FREEZE FRAME DATA
			1. 6L DOHC W/IMMO		✓	✓	✓		1. FREEZE FRAME DATA 2. MONITORING TEST (EURO. ONLY)
			1. 6L DOHC LEAD		✓	✓	✓		1. FREEZE FRAME DATA 2. IDLE CO ADJUSTMENT
			1. 8L DOHC GASOLINE TED		✓	✓	✓		1. FREEZE FRAME DATA

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		AUTOMATIC TRANSAXLE		✓	✓	✓		
		ANTI-LOCK BRAKE SYSTEM	✓	✓	✓	✓	✓	
		SRS-AIRBAG		✓	✓			
		IMMOBILIZER	1. 6L DOHC SMARTRA			✓		
		CODE SAVING						✓
	2003	ENGINE CONTROL	1. 6L DOHC NON IMMO		✓	✓	✓	1. FREEZE FRAME DATA
			1. 6L DOHC W/IMMO		✓	✓	✓	1. FREEZE FRAME DATA 2. MONITORING TEST (EURO. ONLY)
			1. 6L DOHC LEAD		✓	✓	✓	1. FREEZE FRAME DATA 2. IDLE CO ADJUSTMENT
			1. 8L DOHC GASOLINE TED		✓	✓	✓	1. FREEZE FRAME DATA
			AUTOMATIC TRANSAXLE		✓	✓	✓	
		ANTI LOCK		✓	✓	✓	✓	

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		BRAKE SYSTEM							
		SRS-AIRBAG			√	√			
		IMMOBILIZER	1. 6L DOHC SMARTRA				√		
		CODE SAVING						√	
	2002	ENGINE CONTROL	1. 6L DOHC NON IMMO			√	√	√	1. FREEZE FRAME DATA
			1. 6L DOHC W/IMMO			√	√	√	1. FREEZE FRAME DATA 2. MONITORING TEST (EURO. ONLY)
			1. 6L DOHC LEAD			√	√	√	1. FREEZE FRAME DATA 2. IDLE CO ADJUSTMENT
			1. 8L DOHC GASOLINE TED			√	√	√	1. FREEZE FRAME DATA
		AUTOMATIC TRANSAXLE			√	√	√		
		ANTI-LOCK BRAKE SYSTEM		√	√	√	√	√	
		SRS-AIRBAG			√	√			
		IMMOBILIZER	1. 6L DOHC SMARTRA					√	

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	2001	ENGINE CONTROL	1. 6L DOHC NON IMMO		✓	✓	✓		1. FREEZE FRAME DATA
			1. 6L DOHC W/IMMO		✓	✓	✓		1. FREEZE FRAME DATA 2. MONITORING TEST (EURO. ONLY)
			1. 6L DOHC LEAD		✓	✓	✓		1. FREEZE FRAME DATA 2. IDLE CO ADJUSTMENT
			1. 8L DOHC GASOLINE TED		✓	✓	✓		1. FREEZE FRAME DATA
		AUTOMATIC TRANSAXLE		✓	✓	✓			
		ANTI-LOCK BRAKE SYSTEM	✓	✓	✓	✓	✓		
	SRS-AIRBAG		✓	✓					
	IMMOBILIZER	1. 6L DOHC SMARTRA				✓			
	2000	ENGINE CONTROL	1. 5L GASOLINE BFD/BFE		✓	✓	✓		
			1. 8L DOHC GASOLINE TED		✓	✓	✓		1. FREEZE FRAME DATA
		AUTOMATIC			✓	✓	✓		

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		TRANSAXLE							
		ANTI-LOCK BRAKE SYSTEM		✓	✓	✓	✓	✓	
		SRS-AIRBAG			✓	✓			
	1999	ENGINE CONTROL	1. 5L GASOLINE BFD/BFE		✓	✓	✓		
			1. 8L DOHC GASOLINE TED		✓	✓	✓		1. FREEZE FRAME DATA
		AUTOMATIC TRANSAXLE			✓	✓	✓		
		ANTI-LOCK BRAKE SYSTEM		✓	✓	✓	✓	✓	
		SRS-AIRBAG			✓	✓			
	1998	ENGINE CONTROL	1. 5L GASOLINE BFD/BFE		✓	✓	✓		
			1. 8L DOHC GASOLINE TED		✓	✓	✓		1. FREEZE FRAME DATA
		AUTOMATIC TRANSAXLE			✓	✓	✓		
		ANTI-LOCK BRAKE SYSTEM		✓	✓	✓	✓	✓	
		SRS-AIRBAG			✓	✓			
	Before 1998	ENGINE CONTROL	1. 5L/1. 6L ENG (MTM) AFM1		✓		Manual		
			1. 5L/1. 6L ENG (ATM) AFM1		✓		Manual		

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