BarsIII Professional

KIA 1998-2011

November 2011

OBD-II connector/20-Pins connector

MODEL	SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
CADENZA	ENGINE (gasoline)	2010-2011/3.5L	+	+	+		+ 1.PCM auto detection reset 2.PCM lock(mec) setting
	AT	2010-2011/3.5L	+	+	+		+ 1.Reseting auto T/A values
CARENS	ENGINE (gasoline)	1999-2002/1.8L, 2003-2006/1.6/1.8L	+	+	+		
		2003-2006/2.0L	+	+	+	+	+ 1.Adaptation Reset 2.Transmission Type Selection 3.TCS exist or not
		2007-2009/2.0/2.4L	+	+	+	+	+ 1.Reset all adaptive values 2.Auto detected configuration reset
		2010-2011/1.6L	+	+	+	+	+ 1.Reset all adaptive values
		2010-2011/2.0L	+	+	+	+	+ 1.Reset all adaptive values 2.Auto detected configuration reset
	ENGINE (diesel)	2003-2006/2.0L EURO-3	+	+	+	+	
		2006-2011/ 2.0L D EURO-4	+	+	+	+	+ 1.Injector Specific Data 2.Component Change Routine 3.Engine Test Functions 4.CPF Service

Vehicle	System	Year/Engine					
							Regeneration
		2010-2011/1.6L U2	+	+	+		
	AT (gasoline)	1999—2006	+	+	+		
		2007-2009/2.0/2.4L	+	+	+		+ 1.Reseting auto T/A values
		2010-2011/2.0L	+	+	+		+ 1.Reseting auto T/A values
		2010-2011/1.6L	+	+	+	+	+ 1.Reseting auto T/A values
	AT (diesel)	2003-2006	+	+	+		
		2006-2011/2.0L diesel CAN	+	+	+		+ 1.Reseting auto T/A values
	ABS	1999-2002, 2003-2009	+	+	+		
	SRS-AIRBAG	1999-2009		+	+		
	IMMOBILIZER (gasoline)	2007	+ (only for CAN)				
	IMMOBILIZER (diesel)	2006	+ (only for CAN)				
	FULL AUTO A/C	2007-2009	+	+	+		
	BCM	2007-2009	+				
CARNIVAL / SEDONA	ENGINE (gasoline)	1998-2005/2.5L KV6	+	+	+	+	
		2002-2005/2.5L V6	+	+	+	+	
		2003-2005/3.5L	+	+	+	+	
		2006-2011/2.7/3.8L NON CAN	+	+	+	+	
		2007-2011/2.7/3.8L CAN	+	+	+	+	+ 1.PCM auto detection reset 2.PCM lock(mec) setting
		2009-2011/3.5L	+	+	+		+ 1.PCM auto detection reset 2.PCM lock(mec) setting
	ENGINE (diesel)	2002-2005/2.9L CRDi	+	+	+	+	+ 1.Injector Specific Data 2.ECU Initialization
		2006-2011/J2.9 CRDi	+	+	+	+	+ 1.Injector Specific Data 2.ECU Initialization

		2009-2011/2.2L R	+	+	+		
	AT (gasoline)	1998-2005	+	+	+		
		2006-2011/2.7/3.8L NON CAN	+	+	+		
		2006-2011/2.7/3.8L CAN	+	+	+		+ 1.Reseting auto T/A values
		2009-2011/3.5L	+	+	+	+	+ 1.Reseting auto T/A values
	AT (diesel)	1998-2005	+	+	+		
		2006-2011/J2.9 VGT	+	+	+		+ 1.Reseting auto T/A values
		2009-2011/2.2L R	+	+	+	+	+ 1.Reseting auto T/A values
	ABS	1998-2008	+	+	+		
	SRS-AIRBAG	1998-2008		+	+		
	IMMOBILIZER (diesel)	2006	+ (only for CAN)				
	FULL AUTO A/C	2006-2008	+	+	+		
	TPMS	2006-2008	+	+	+		
CEE'D	ENGINE (gasoline	2007-2011/1.4/1.6 -ETC-ISG, 2.0L	+	+	+	+	+ 1.Reset all adaptive values
		2009-2011: +ETC, -ETC+ISG					+ 1.Reset all adaptive values
	ENGINE (diesel)	2007-2011/1.6L U -CPF	+	+	+	+	+ 1.Injector Specific Data 2.Engine Test Functions
		2007-2011/1.6L U +CPF	+	+	+	+	
		2007-2011/2.0L	+	+	+	+	+ 1.Injector Specific Data 2.Component Change Routine 3.Engine Test Functions 4.CPF Service Regeneration
		2009-2011/1.6L U2	+	+	+		
	AT	2007-2011/1.4/1.6/2.0L	+	+	+		+ 1.Reseting auto T/A values

	ABS	2007-2008	+	+	+		
	SRS-AIRBAG	2007-2008		+	+		
	EPS	2007-2008	+	+	+		
CERATO / FORTE	ENGINE (gasoline)	2004-2006/1.6/2.0L	+	+	+	+	
		2007-2009/1.6/2.0L	+	+	+	+	+ 1.Reset all adaptive values
		2009/2.4L	+	+	+	+	
		2009-2010/1.6L	+	+	+	+	+ 1.Reset all adaptive values
		2009-2011/2.0L	+	+	+	+	+ 1.Reset all adaptive values 2.Auto detected configuration reset
		2011/1.6L	+	+	+		+ 1.Reset all adaptive values
	ENGINE (diesel)	2004-2006/1.5/2.0L	+	+	+	+	
		2006-2009/1.6L	+	+	+	+	+ 1.Injector Specific Data 2.Engine Test Functions
	AT (gasoline)	2004-2006/1.6/2.0L	+	+	+		
		2007-2009/1.6/2.0L	+	+	+		+ 1.Reseting auto T/A values
		2009/2.4L	+	+	+		
		2009-2011/1.6/2.0L	+	+	+	+	+ 1.Reseting auto T/A values
	AT (diesel)	2007-2009/1.6L	+	+	+		+ 1.Reseting auto T/A values
	ABS	2004-2009	+	+	+		
		2009-2011	+	+	+	+	
	SRS-AIRBAG	2004-2009		+	+		
		2009-2011	+	+	+		
	IMMOBILIZER (diesel)	2007	+ (only for CAN)				
	EPS	2009-2011	+	+	+		
	BCM	2009-2011	+				
	PIC-SMART KEY	2009-2011	+	+	+		

Model	System	Specification					
	UNITS						
	PIC-POWER DISTRIBUTION MODULE	2009-2011	+	+	+		
	FULL AUTO A/C	2009-2011	+	+	+		
CLARUS	ENGINE (gasoline)	1998-2005/1.8L/2.0L	+	+	+	+	
	AT	1998-2005	+	+	+		
	ABS	1998-2005	+	+	+		
	SRS-AIRBAG	1998-2005		+	+		
FRONTIER	ENGINE (diesel)	2002-2005/2.5L 4D56 TCI	+	+	+	+	
JOICE	ENGINE (gasoline)	1998-2002 2.0L euro3	+	+	+	+	
	ABS	1998-2002	+	+	+		
	SRS-AIRBAG	1998-2002	+	+	+		
EURO STAR / PICANTO / MORNING	ENGINE (gasoline)	2004-2011/1.0L/1.1L NON CAN	+	+	+	+	
		2008-2011/1.0L/1.1L CAN	+	+	+	+	+ 1.Reset all adaptive values
	ENGINE (diesel)	2006-2011/1.1L	+	+	+	+	+ 1.Injector Specific Data 2.Engine Test Functions
	AT (gasoline)	2004-2011 NON CAN	+	+	+		
		2008-2011/1.0L/1.1L CAN	+	+	+		+ 1.Reseting auto T/A values
	AT (diesel)	2006-2007	+	+	+		
		2008/1.1L	+	+	+		+ 1.Reseting auto T/A values
	ABS	2004-2008	+	+	+		
	SRS-AIRBAG	2004-2008		+	+		
	IMMOBILIZER (diesel)	2006	+ (only for CAN)				
	FULL AUTO A/C	2008	+	+	+		
	EPS	2006-2008	+	+	+		
KAON / BONGO II / BONGO III /	ENGINE (diesel)	2002-2011/2.5L 4D56 TCI	+	+	+	+	
		2002-2011/K2.9 CRDi	+	+	+	+	+ 1.Injector Specific

K2500 / K2900							Data 2.ECU Initialization
MOHAVE / BORREGO	**ENGINE (gasoline)**	2008-2011/3.8L	+	+	+	+	+ 1.PCM auto detection reset 2.PCM lock(mec) setting
		2008-2011/4.6L	+	+	+	+	+ 1.Reset all adaptive values
	ENGINE (diesel)	2008/3.0L	+	+	+	+	
	AT	2008-2011	+	+	+		
	ABS	2008	+	+	+		
	SRS-AIRBAG	2008-2011		+	+		
OPIRUS / AMANTI	**ENGINE (gasoline)**	2004-2006/3.5L	+	+	+	+	
		2007-2009/2.7/3.8L NON CAN	+	+	+	+	
		2007-2009/2.7/3.8L CAN	+	+	+	+	+ 1.PCM auto detection reset 2.PCM lock(mec) setting
	AT	2004-2006	+	+	+		
		2007-2009/2.7/3.8L NON CAN	+	+	+		
		2007-2009/2.7/3.8L CAN	+	+	+		+ 1.Reseting auto T/A values
	ABS	2004-2009	+	+	+		
	SRS-AIRBAG	2004-2009		+	+		
	TPMS	2004-2009	+	+	+		
OPTIMA / MAGENTIS	**ENGINE (gasoline**	2000-2005/2.0/2.4/2.5L	+	+	+	+	
		2000-2005/2.5/2.7L V6	+	+	+	+	+ 1.Adaptation Reset 2.Transmission Type Selection 3.TCS exist or not
		2006-2009/2.0/2.4L NON CAN	+	+	+	+	
		2006-2010/2.7L	+	+	+	+	
		2006-2010/2.0/2.4L CAN	+	+	+	+	+ 1.Reset all adaptive values 2.Auto detected configuration reset
		2011/2.0/2.4L	+	+	+		+ 1.Reset all adaptive

							values 2.Auto detected configuration reset
	ENGINE (diesel)	2006-2010/2.0L	+	+	+	+	+ 1.Injector Specific Data 2.Component Change Routine 3.Engine Test Functions 4.CPF Service Regeneration
	AT (gasoline)	2000-2005/ 2.0/2.4/2.5/2.7L	+	+	+		
		2006-2009/ 2.0/2.4/2.7L NON CAN	+	+	+		
		2006-2010/ 2.0/2.4/2.7L CAN	+	+	+		+ 1.Reseting auto T/A values
		2011/ 2.0/2.4L	+	+	+		+ 1.Reseting auto T/A values
	AT (diesel)	2006-2009/ 2.0L	+	+	+		+ 1.Reseting auto T/A values
	ABS	2000-2001, 2002/mando/bosch, 2003-2009	+	+	+		
	SRS-AIRBAG	2000-2009					
	IMMOBILIZER	2006	+ (only for CAN)				
	TPMS	2006-2009	+	+	+		
POTENTIA	ENGINE (gasoline)	all unlead 2.0L	+	+	+		
PRIDE	ENGINE (gasoline)	~1998/1.3L parital	+	+	+		
PREGIO / BESTA	ENGINE (diesel)	2002-2005/2.5L 4D56 TCI	+	+	+	+	
RETONA	ENGINE (gasoline)	1998-2001/2.0L	+	+	+		
	AT	1998-2001	+	+	+		
RIO	ENGINE (gasoline)	2000-2005/1.3/1.5L	+	+	+		
		2006-2011/1.4L	+	+	+	+	+ 1.Reset all adaptive values
		2006-2011/1.6L	+	+	+	+	+ 1.Reset all adaptive values

Model	System	Years	1	2	3	4	Notes
	ENGINE (diesel)	2006-2011/1.5L	+	+	+	+	+ 1.Injector Specific Data 2.Engine Test Functions
	AT	2000-2011	+	+	+		
	ABS	2000-2008	+	+	+		
	SRS-AIRBAG	2000-2008		+	+		
	IMMOBILIZER	2006	+ (only for CAN)				
	EPS	2006-2008	+	+	+		
	TPMS	2008	+	+	+		
SEPHIA / MENTOR	ENGINE (gasoline)	~1998-2004/1.8L	+	+	+	+	
		2001-2004/1.6L	+	+	+		
		~1998/ 1.5/1.6L AFM 1		+	+		
		~1998/1.5/1.6L MAP, 1998-2000/1.5L	+	+	+		
	AT	~1998		+	+		
		1998-2004	+	+	+		
	ABS	1998-2004	+	+	+		
	SRS-AIRBAG	~1998-2004		+	+		
SHUMA / SPECTRA	ENGINE (gasoline)	1999-2000/1.5/1.8L	+	+	+		
		2001-2003/1.6/1.8L	+	+	+		
		2007-2008/2.0L SIEMENS CAN	+	+	+	+	+ 1.Reset all adaptive values
	AT	1999-2003	+	+	+		
		2007-2008/2.0L SIEMENS CAN	+	+	+		+ 1.Reset all adaptive values
	ABS	1999-2003	+	+	+		
	SRS-AIRBAG	1999-2003		+	+		
SORENTO	ENGINE (gasoline)	2003-2006/2.4/3.5L	+	+	+	+	
		2007-2008/3.3L/3.8L	+	+	+	+	
		2009-2011/2.4L	+	+	+		+ 1.Reset all adaptive values 2.Auto detected configuration reset
		2009-2011/3.5L	+	+	+		+ 1.PCM auto detection reset 2.PCM lock(mec) setting

	System	Year/Type					
	ENGINE (diesel)	2003-2006	+	+	+	+	**+** **1.Injector Specific Data(OPTION)**
		2007-2008/2.5L EURO-3	+	+	+	+	**+** **1.Injector Specific Data(OPTION)**
		2007-2008/2.5L EURO-4	+	+	+	+	**+** **1.Injector Specific Data** **2.Component Change Routine** **3.Engine Test Functions**
		2009-2011/2.0/2.2L R	+	+	+		
	AT (gasoline)	2003-2006/4/5 gear	+	+	+		
		2007-2008	+	+	+		
		2009-2011/2.4/3.5L	+	+	+		**+** **1.Reseting auto T/A values**
	AT (diesel)	2007-2008	+	+	+		
		2009-2011/2.0/2.2L R	+	+	+		**+** **1.Reseting auto T/A values**
	ABS	2003-2008	+	+	+		
	SRS-AIRBAG	2003-2008		+	+		
	IMMOBILIZER (diesel)	2007	**+** **(only for CAN)**				
	4WD	2003-2006/TOD AUTO, 2007-2008		+	+		
	FULL AUTO A/C	2007-2008	+	+	+		
	BCM	2007-2008	+	+	+		
	EPS	2007-2008	+	+	+		
	TPMS	2003-2008	+	+	+		
SOUL	**ENGINE (gasoline)**	2009-2011/1.6 DOHC/2.0L	+	+	+	+	**+** **1.Reset all adaptive values**
		2010-2011/1.6L F DOHC	+	+	+		**+** **1.Reset all adaptive values**
	ENGINE (diesel)	2009/1.6L	+	+	+	+	
		2010-2011/1.6L U2	+	+	+	+	
	AT (gasoline)	2009-2011/1.6/2.0L	+	+	+		**+** **1.Reset all adaptive values**
	AT (diesel)	2009-2011/1.6L	+	+	+		**+** **1.Reset all adaptive values**

	ABS	2009	+	+	+		
	SRS-AIRBAG	2009		+	+		
	EPS	2009	+	+	+		
SPORTAGE	ENGINE (gasoline)	1998-2003/2.0L	+	+	+	+	
		2005-2006/2.0L	+	+	+	+	+ 1.Adaptation Reset 2.Transmission Type Selection 3.TCS exist or not 4.ABS/Vehicle Speed exist or not
		2005-2010/2.7L	+	+	+	+	
		2007-2010/ 2.0L NON CAN	+	+	+	+	
		2007-2010/ 2.0L CAN	+	+	+	+	+ 1.Reset all adaptive values
		2011/2.0/2.4L	+	+	+		+ 1.Reset all adaptive values 2.Auto detected configuration reset
		2011/1.6L GDi	+	+	+		+ 1.Reset all adaptive values
	ENGINE (diesel)	2005-2010/ 2.0L EURO3 WGT	+	+	+	+	
		2006-2010/ 2.0L EURO4 VGT	+	+	+	+	+ 1.Injector Specific Data 2.Component Change Routine 3.Engine Test Functions 4.CPF Service Regeneration
		2011/2.0L R, 1.7L U2	+	+	+		
	AT (gasoline)	1998-2003	+	+	+		
		2005-2010/2.0L NON CAN	+	+	+		
		2005-2010/2.7L	+	+	+		
		2006-2010/ 2.0L CAN	+	+	+		+ 1.Reseting auto T/A values
		2011/2.0/2.4L	+	+	+		+ 1.Reseting auto T/A values
	AT (diesel)	1998-2003	+	+	+		
		2005-2010/2.0L NON	+	+	+		

Model	System	Version					
		CAN					
		2006-2010/ 2.0L CAN	+	+	+		+ 1.Reseting auto T/A values
		2011/2.0L R	+	+	+	+	+ 1.Reseting auto T/A values
	ABS	1998-2003, 2005-2008	+	+	+		
	SRS-AIRBAG	~1998-2003, 2005-2008		+	+		
	IMMOBILIZER (diesel)	2006	+ (only for CAN)				
	4WD	2005-2008		+	+		
	FULL AUTO A/C	2005-2008	+	+	+		
	ETACS	2005-2008	+				
	TPMS	2005-2008	+	+	+		
VENGA	ENGINE (gasoline)	2010/1.4/1.6L	+	+	+		+ 1.Reset all adaptive values
VISTO	ENGINE (gasoline)		+	+	+	+	+ 1.Adaptation Reset(OPTION)
	AT		+	+	+		
	ABS		+	+	+		
	SRS-AIRBAG			+	+		

The manufacture may change the ECU versions without notification which cause the software fail to communicate with the ECU.
CAN-protocol ECUs are not supported.