Bars Professional

KIA

KIA 1998 – 2011

OBDII / 20-pin connector, CAN / non-CAN protocol, Diagnosis / Data / Coding

VERSION: 2V09   DATE: DEC., 2012

OBD-II CONNECTOR (CAN AND non-CAN PROTOCOLS) / 20-PIN CONNECTOR

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (GASOLINE)	1999~2002: 1.8, 2003~2006: 1.6/1.8	+	+		
	2003~2006: 2.0	+	+	+	1.RESET ALL ADAPTIVE VALUES 2.AUTO DETECTED CONFIGURATION RESET
	2007~2011: 2.0/2.4	+	+	+	1.RESET ALL ADAPTIVE VALUES 2.AUTO DETECTED CONFIGURATION RESET
	2007~2010: 2.7	+			1.PCM AUTO DETECTION RESET 2.PCM LOCK(MEC) SETTING
ENGINE (DIESEL)	2009~2011: 1.6	+	+	+	1.RESET ALL ADAPTIVE VALUES
	2003~2006: 2.0 EURO-3	+	+	+	
	2006~2011: 2.0 EURO-4	+	+	+	1.Injector Specific Data 2.Component Change Routine 3.Engine Test Functions 4.CPF Service Regeneration
	2010~2011: 1.6 U2	+	+		
AT	1999~2002, 2003~2006	+	+		
	2007~2011: 2.4, 2006~2011: 2.0 CAN	+	+		1.RESETTING AUTO T/A VALUES
	2009~2011: 1.6	+	+	+	1.RESETTING AUTO T/A VALUES
ABS	2007~2010: 2.7	+			1.RESETTING AUTO T/A VALUES
SRS-AIRBAG	1999~2002, 2003~2006, 2007~2009	+	+		
	2010~2011	+			
IMMOBILIZER	1999~2002, 2003~2006,	+			
FULL AUTO A/C	2007~2011: ACU/WCS				

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
BCM	2007~2011		+		
TPMS	2007~2011	+	+		

MODEL CARNIVAL / SEDONA

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (GASOLINE)	2006~2011: 2.7/3.8 KWP	+	+	+	
	2006~2011: 2.7/3.8 CAN	+	+	+	1.PCM AUTO DETECTION RESET 2.PCM LOCK(MEC) SETTING
	2002~2005: 2.5 V6	+	+		
	1998~2005: 2.5 KV6, 2003~2005: 3.5	+	+	+	
	2010~2011: 3.5	+	+		1.PCM AUTO DETECTION RESET 2.PCM LOCK(MEC) SETTING
ENGINE (DIESEL)	2002~2005: 2.9 CRDi, 2006~2011: J2.9 CRDi	+	+	+	1.INJECTOR SPECIFIC DATA 2.ECU INITIALIZATION
	2010~2011: 2.2 R	+	+		
AT	1998~2005, 2006~2011: 2.7/3.8 GASOLINE KWP, 2006~2011: 2.9 DIESEL WGT	+	+		
	2006~2011: 2.7/3.8 GASOLINE CAN, 2006~2011: 2.9 DIESEL VGT	+	+		1.RESETTING AUTO T/A VALUES
	2010~2011: 3.5 GASOLINE, 2010~2011: 2.2 R DIESEL	+	+	+	1.RESETTING AUTO T/A VALUES
ABS	1998~2005, 2006~2009,	+	+		
	2010~2011	+			
SRS-AIRBAG	1998~2005, 2006~2011: ACU/WCS	+			
IMMOBILIZER	2006~2011		+		
FULL AUTO A/C	2006~2011	+	+		
TPMS	2006~2011	+	+		
FFH	2006~2011	+			
PTG	2006~2011	+			
PSD	2006~2011	+			
BCM	2006~2011	+			

MODEL CERATO / FORTE

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
	2004~2006: 1.6/2.0 -CVVT	+	+	+	
	2004~2006: 2.0 +CVVT	+	+	+	1.RESET ALL ADAPTIVE VALUES 2.AUTO DETECTED CONFIGURATION RESET
ENGINE (GASOLINE)	2007~2009: 1.6/2.0, 2009~2010: 1.6	+	+	+	1.RESET ALL ADAPTIVE VALUES
	2011:1.6	+	+		1.RESET ALL ADAPTIVE VALUES
	2009~2011: 2.0/2.4	+	+	+	1.RESET ALL ADAPTIVE VALUES 2.AUTO DETECTED CONFIGURATION RESET
ENGINE (DIESEL)	2004~2006: 1.5/2.0	+	+	+	
	2006~2009: 1.6	+	+	+	1.INJECTOR SPECIFIC DATA 2.ENGINE TEST FUNCTIONS
AT	2004~2006: 1.5/1.6/2.0 TYPE 1	+	+		
	2004~2006: 1.5/1.6/2.0 TYPE 2	+			
	2007~2009: 1.6/2.0	+	+		1.RESETTING AUTO T/A VALUES
	2009~2011: 1.6/2.0/2.4	+	+	+	1.RESETTING AUTO T/A VALUES
ABS	2009~2011: 5 SPEED	+			1.RESETTING AUTO T/A VALUES
	2004~2009	+	+		
SRS-AIRBAG	2009~2011	+	+	+	
	2004~2009	+			
IMMOBILIZER	2009~2011	+	+		
EPS	2010~2011: WCS	+			
BCM	2004~2011		+		
PIC-SMART KEY UNITS	2009~2011	+	+		
	2009~2011		+		
PIC-POWER DISTRIBUTION MODULE	2009~2011	+	+		
FULL AUTO A/C	2009~2011	+	+		
TPMS	2010~2011	+			

MODEL CLARUS

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (GASOLINE)	~2000: 1.8/2.0	+	+	+	
AT	1998~2000	+	+		
ABS	~2000	+	+		
SRS-AIRBAG	~2000	+			

MODEL JOICE

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (GASOLINE)	1999~2002: 2.0	+	+	+	
AT	1999~2002	+	+		
ABS	1999~2002	+	+		
SRS-AIRBAG	1999~2002	+	+		

MODEL EURO STAR / PICANTO / MORNING

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (GASOLINE)	2004~2011: 1.0/1.1 NON CAN	+	+	+	
	2008~2011: 1.0/1.1 CAN	+	+	+	1.RESET ALL ADAPTIVE VALUES
ENGINE (DIESEL)	2006~2011: 1.1	+	+	+	1.INJECTOR SPECIFIC DATA 2.ENGINE TEST FUNCTIONS
AT	2004~2011: GASOLINE NON CAN, 2006~2007: DIESEL	+	+		
	2008~2011: GASOLINE CAN	+	+		1.RESETTING AUTO T/A VALUES
ABS	2004~2008	+	+		
	2009~2011	+			
SRS-AIRBAG	2004~2011	+			
IMMOBILIZER	2004~2011		+		
FULL AUTO A/C	2008~2011	+	+		
EPS	2006~2011	+	+		

MODEL MOHAVE / BORREGO

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (GASOLINE)	2008~2011: 3.8	+	+	+	1.PCM AUTO DETECTION RESET 2.PCM LOCK(MEC) SETTING
	2008~2011: 4.6	+	+	+	1.RESET ALL ADAPTIVE VALUES
ENGINE (DIESEL)	2008~2011: 3.0S	+	+	+	1.INJECTOR SPECIFIC DATA 2.COMPONENT CHANGE ROUTINE 3.ENGINE TEST FUNCTIONS
AT	2008~2011: 3.8	+	+		1.RESETTING AUTO T/A VALUES 2.TCU SUB ROM RESET
	2008~2011: 3.0/4.6	+	+		1.RESETTING AUTO T/A VALUES 2.CLEAR CAN LEARNABLE STATUS
ABS	2008~2011	+	+		
SRS-AIRBAG	2008~2011	+			
IMMOBILIZER	2008~2011		+		
EPS	2008~2011	+	+		
AHLS	2008~2011	+			
FULL AUTO A/C	2008~2011	+			
BCM	2008~2011	+			
PIC	2008~2011	+			
ECS	2008~2011: MANDO	+			
TPMS	2009~2011	+	+		
4WD	2008~2011	+			

MODEL RETONA

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (GASOLINE)	1998~2001: 2.0	+	+		
AT	1998~2001: TYPE 1	+	+		
	1998~2001: TYPE 2	+			
ABS	1998~2001	+	+		
SRS-AIRBAG	1998~2001	+			

MODEL OPIRUS / AMANTI

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
	2004~2006: 3.5	+	+	+	
ENGINE (GASOLINE)	2004~2006: 3.0	+			
	2007~2010: 2.7/3.8 KWP	+	+	+	
	2007~2010: 2.7/3.8 CAN	+	+	+	1.PCM AUTO DETECTION RESET 2.PCM LOCK(MEC) SETTING
AT	2004~2006, 2007~2010: 2.7/3.8 KWP	+	+		
	2007~2010: 2.7/3.8 CAN	+	+		1.RESETTING AUTO T/A VALUES
ABS	2004~2010	+	+		
SRS-AIRBAG	2004~2010	+			
AHLS	2004~2010	+			
FULL AUTO A/C	2004~2010	+			
EPS	2004~2010	+			
ECS	2004~2010	+			
IMMOBILIZER	2004~2010		+		
BCM	2004~2010	+			
PIC	2004~2010	+			
TPMS	2007~2009	+	+		

MODEL POTENTIA

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (GASOLINE)	2.0 UNLEAD	+	+		

MODEL PRIDE

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (GASOLINE)	~1998: 1.3 MAP/MFI	+	+		

MODEL OPTIMA / MAGENTIS

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (GASOLINE)	2000~2005: 2.0/2.4/2.5, 2006~2009: 2.0/2.4 NON CAN, 2006~2010: 2.7 NON CAN	+	+	+	
	2006~2010: 2.7 CAN	+	+	+	1.PCM AUTO DETECTION RESET 2.PCM LOCK(MEC) SETTING
	2006~2010: 2.0/2.4 CAN	+	+	+	1.RESET ALL ADAPTIVE VALUES 2.AUTO DETECTED CONFIGURATION RESET
	2000~2005: 2.5/2.7 EURO3	+	+	+	1.Adaptation Reset 2.Transmission Type Selection 3.TCS exist or not
	2011: 2.0/2.4 DOHC, 2.4 GDi	+	+		1.RESET ALL ADAPTIVE VALUES 2.AUTO DETECTED CONFIGURATION RESET
	2011: 2.0 T-GDi	+			1.RESET ALL ADAPTIVE VALUES 2.AUTO DETECTED CONFIGURATION RESET
ENGINE (DIESEL)	2006~2010: 2.0	+	+	+	1.INJECTOR SPECIFIC DATA 2.COMPONENT CHANGE ROUTINE 3.ENGINE TEST FUNCTIONS 4.CPF SERVICE REGENERATION
AT	2000~2005: 2.0/2.4/2.5/2.7, 2006~2009: 2.0/2.4/2.7 NON CAN	+	+		
	2006~2010: 2.0/2.4/2.7 CAN, 2011: 2.0/2.4	+	+		1.RESETTING AUTO T/A VALUES
ABS	2000~2005, 2006~2009	+	+		
	2010~2011	+			
SRS-AIRBAG	2000~2005, 2006~2010, 2011: ACU/WCS	+			
IMMOBILIZER	2006~2011,		+		
TPMS	2006~2010	+	+		
	2011	+			
FULL AUTO A/C	2006~2010	+	+		
	2011	+			
AHLS	2011	+			
PIC	2009~2011	+			
BCM	2011	+			
EPS	2011	+			
ECS	2006~2010	+			

MODEL RIO

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (GASOLINE)	2000~2005: 1.3/1.5	+	+		
	2003~2005: 1.6	+	+		
	2006~2011: 1.4	+	+	+	1.RESET ALL ADAPTIVE VALUES
	2006~2011: 1.6 TYPE1	+	+	+	1.RESET ALL ADAPTIVE VALUES
	2006~2011: 1.6 TYPE2	+	+		1.RESET ALL ADAPTIVE VALUES
ENGINE (DIESEL)	2006~2011: 1.5	+	+	+	1.INJECTOR SPECIFIC DATA 2.ENGINE TEST FUNCTIONS
AT	2000~2005, 2006~2011	+	+		
ABS	2000~2002, 2003~2005, 2006~2009	+	+		
	2010~2011	+			
SRS-AIRBAG	2000~2005, 2006~2011	+			
IMMOBILIZER	2006~2011		+		
EPS	2006~2011	+	+		
TPMS	2006~2011	+	+		

MODEL SHUMA / SPECTRA

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (GASOLINE)	1999~2004: 1.8, 1999~2001: 1.5, 2001~2004: 1.6	+	+		
	2004~2006: 1.6/2.0 -CVVT	+	+	+	
	2004~2006: 2.0 +CVVT	+	+	+	1.RESET ALL ADAPTIVE VALUES 2.AUTO DETECTED CONFIGURATION RESET
	2007~2009: 1.6/2.0	+	+	+	1.RESET ALL ADAPTIVE VALUES
AT	1999~2004, 2004~2006: 1.6	+	+		
	2004~2006: 2.0	+			
	2007~2009: 1.6/2.0	+	+		1. RESETTING AUTO T/A VALUES
ABS	1999~2004, 2004~2009	+	+		
SRS-AIRBAG	1999~2004, 2004~2009	+			
FULL AUTO A/C	2007~2009	+	+		
TPMS	2007~2009	+	+		
IMMOBILIZER	2001~2004: 1.6, 2004~2009		+		

MODEL SORENTO

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (GASOLINE)	2003~2006: 2.4/3.5, 2007~2009: 3.3/3.8 KWP	+	+	+	
	2007~2009: 3.3/3.8 CAN				1.PCM AUTO DETECTION RESET
	2009~2011: 3.5	+	+		2.PCM LOCK(MEC) SETTING
	2009~2011: 2.4	+	+		1.RESET ALL ADAPTIVE VALUES 2.AUTO DETECTED CONFIGURATION RESET
ENGINE (DIESEL)	2003~2009: 2.5 EURO3	+	+	+	1.INJECTOR SPECIFIC DATA(OPTION)
	2006~2009: 2.5 EURO4	+	+	+	1.INJECTOR SPECIFIC DATA 2.COMPONENT CHANGE ROUTINE 3.ENGINE TEST FUNCTIONS
	2009~2011: 2.0/2.2 R	+	+		
AT	2003~2006, 2007~2009: DIESEL	+	+		
	2007~2009: GASOLINE	+	+		1.RESETTING AUTO T/A VALUES 2 TCU SUB ROM RESET
	2009~2011: 2.0/2.2/2.4/3.5	+	+		1.RESETTING AUTO T/A VALUES
ABS	2003~2009	+	+		
SRS-AIRBAG	2009~2011	+			
IMMOBILIZER	2003~2009, 2009~2011: ACU/ODS	+			
4WD	2003~2006: DIESEL, 2007~2011		+		
FULL AUTO A/C	2003~2009, 2009~2011	+			
	2006~2009	+	+		
BCM	2009~2011	+			
EPS	2006~2009		+		
	2009~2011	+			
TPMS	2003~2011	+	+		
	2007~2009	+	+		
AHLS	2009~2011	+			
PIC	2009~2011	+			
FFH	2009~2011	+			

MODEL SPORTAGE

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (GASOLINE)	~1998: 2.0	+			
	~1998~2003: 2.0	+	+	+ (LEAD)	
	2005~2010: 2.7	+	+	+	
	2007~2010: 2.0 CAN	+	+	+	1.RESET ALL ADAPTIVE VALUES
	2005~2010: 2.0 NON CAN	+	+	+	1.RESET ALL ADAPTIVE VALUES 2.AUTO DETECTED CONFIGURATION RESET
	2011: 2.0/2.4 DOHC TYPE 1	+	+		1.RESET ALL ADAPTIVE VALUES 2.AUTO DETECTED CONFIGURATION RESET
	2011: 2.0/2.4 DOHC TYPE 2, 2011: 2.0 T-GDi	+			1.RESET ALL ADAPTIVE VALUES 2.AUTO DETECTED CONFIGURATION RESET
	2011: 1.6 GDi	+	+		1.RESET ALL ADAPTIVE VALUES
ENGINE (DIESEL)	2005~2010: 2.0 EURO3	+	+	+	
	2006~2010: 2.0 EURO4	+	+	+	1.INJECTOR SPECIFIC DATA 2.COMPONENT CHANGE ROUTINE 3.ENGINE TEST FUNCTIONS 4.CPF SERVICE REGENERATION
	2011: 2.0 R/1.7 U2	+	+		
AT	~1998	+			
	1998~2003, 2005~2010: 2.0/2.7 NON CAN	+	+		
	2006~2010: 2.0 CAN, 2011: 1.6/2.0/2.4 GASOLINE	+	+		1.RESETTING AUTO T/A VALUES
ABS	2011: 2.0 R DIESEL	+	+	+	1.RESETTING AUTO T/A VALUES
SRS-AIRBAG	~1998~2003, 2005~2009	+	+		
	2010~2011	+			
IMMOBILIZER	~1998~2003, 2005~2011	+			
4WD	2005~2010: 2.0, 2011		+		
FULL AUTO A/C	2005~2010: 2.7	+	+		

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ETACS	2011	+			
	2005~2010		+		
BCM	2011	+			
TPMS	2005~2010	+	+		
	2011	+			
AHLS	2011	+			
EPS	2011	+			
SPAS	2011	+			
PIC	2011	+			

MODEL SEPHIA / MENTOR

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (GASOLINE)	~1998: 1.8	+	+	+	
	~1998: 1.5/1.6 AFM 1	+			
	~1998: 1.5/1.6 MAP, 1998~2004: 1.5/1.6/1.8	+	+		
AT	1998~2004	+	+		
	~1998	+			
ABS	1998~2004	+	+		
SRS-AIRBAG	~1998~2004	+			

MODEL VISTO

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (GASOLINE)		+	+	+	1.Adaptation Reset(OPTION)
AT		+	+		
ABS		+	+		
SRS-AIRBAG		+			

MODEL SOUL

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (GASOLINE)	2009~2011: G 1.6/2.0	+	+	+	1.RESET ALL ADAPTIVE VALUES
	2011: F 1.6	+	+		1.RESET ALL ADAPTIVE VALUES
ENGINE (DIESEL)	2009~2011: 1.6 U2	+	+	+	
AT	2009~2011: 1.6/2.0	+	+		1.RESETTING AUTO T/A VALUES
ABS	2009~2011	+	+	+	
SRS-AIRBAG	2009~2011: ACU/WCS	+			
EPS	2009~2011	+	+		
FULL AUTO A/C	2009~2011	+			
IMMOBILIZER	2009~2011: BOSCH		+		
TPMS	2009~2011	+			
PIC	2009~2011	+			

MODEL CEE'D

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (GASOLINE)	2007~2011: 1.4/1.6 -ETC-ISG, 2007~2011: 2.0	+	+	+	1.RESET ALL ADAPTIVE VALUES
	2009~2011: 1.4/1.6 +ISG	+	+		1.RESET ALL ADAPTIVE VALUES
	2009~2011: 1.6 U2	+	+		
ENGINE (DIESEL)	2007~2011: 2.0	+	+	+	1.INJECTOR SPECIFIC DATA 2.COMPONENT CHANGE ROUTINE 3.ENGINE TEST FUNCTIONS 4.CPF SERVICE REGENERATION
	2007~2009: 1.6 U -CPF	+	+	+	1.INJECTOR SPECIFIC DATA 2.ENGINE TEST FUNCTIONS
AT	2007~2009: 1.6 U +CPF	+	+	+	
ABS	2007~2011: 1.4/1.6/2.0	+	+		1.RESETTING AUTO T/A VALUES
SRS-AIRBAG	2007~2009	+	+		
EPS	2010~2011	+			
	2007~2011	+			
FULL AUTO A/C	2007~2009	+	+		
IMMOBILIZER	2010~2011	+			
TPMS	2007~2011: SINGLE	+	+		
	2010~2011: DUAL	+			
	2007~2011		+		

MODEL FRONTIER

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (DIESEL)	2002~2005: 2.5 4D56 TCI	+	+	+	

MODEL ENTERPRISE

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (GASOLINE)	~2002: 2.5/3.0/3.6	+			
AT	~2002	+			
ABS	~2002	+			

MODEL PREGIO

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (DIESEL)	1997~2006: 2.5 4D56 TCI, 1997~2006: 2.7 J2	+	+	+	

MODEL BESTA

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (DIESEL)	1997~2003: 2.5 4D56 TCI	+	+	+	

MODEL KAON / BONGO II / BONGO III / K2500 / K2700 / K2900 / K3000

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (DIESEL)	2002~2011: 2.5 4D56 TCI	+	+	+	
	2002~2011: K2.9 CRDi	+	+	+	1.INJECTOR SPECIFIC DATA 2.ECU INITIALIZATION
	2002~2011: 2.7J2/3.0JT,	+			
AT	2002~2011	+			
IMMOBILIZER	2002~2011: K2.9 CRDi		+		
ABS	2002~2011	+	+		

MODEL AVELLA

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (GASOLINE)	~2000: AFM 1	+			
	~2000: MAP	+	+		
AT	~2000	+			
ABS	~2000	+			

MODEL TOWNER

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (GASOLINE)	~2003	+			

MODEL VENGA

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (GASOLINE)	2010~2011: 1.4/1.6	+	+		1.RESET ALL ADAPTIVE VALUES
ENGINE (DIESEL)	2010~2011: 1.4/1.6 U2	+			
AT	2010~2011: 1.6 GASOLINE	+			1.RESETTING AUTO T/A VALUES
ABS	2010~2011	+			
SRS-AIRBAG	2010~2011	+			
FULL AUTO A/C	2010~2011	+			
IMMOBILIZER	2010~2011		+		
EPS	2010~2011	+			
TPMS	2010~2011	+			
PIC	2010~2011	+			

MODEL CADENZA

SYSTEM	TYPE & YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	FUNCTIONS
ENGINE (GASOLINE)	2010~2011: 3.5	+	+		1.PCM AUTO DETECTION RESET 2.PCM LOCK(MEC) SETTING
AT	2010~2011: 3.5	+	+		1.RESETTING AUTO T/A VALUES
ABS	2010~2011	+			
SRS-AIRBAG	2010~2011	+			
AHLS	2010~2011	+			
IMMOBILIZER	2010~2011		+		
FULL AUTO A/C	2010~2011	+			
PIC	2010~2011	+			
BCM	2010~2011	+			

* MOST Immobilizer systems come with Engine System, please read and clear fault code in Engine System.
* The manufacture may change the ECU versions without notification which cause the software fail to communicate with the ECU.