

# Bars Professional



## HYUNDAI 1989~2012

VERSION: 2V08 DATE: Mar., 2012

Models equipped with OBD-II connector (CAN and non-CAN protocol)

### MODEL ACCENT(X3)

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	1995~1999	+	+	+	+	
AT	1995~1999	+	+	+	+	
ABS	1995~1999	+	+	+	+	
SRS-AIRBAG	1995~1999	+	+	+		

\* Activation function of Gasoline Engine is supported depending on ECU type

### MODEL ACCENT(LC), GENERAL

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2000~2007	+	+	+	+	
ENGINE(DIESEL)	2000~2007	+	+	+	+	1. ENGINE TEST FUNCTIONS
AT	2000~2007	+	+	+	+	
IMMOBILIZER	2000~2007	+				
ABS	2000~2007	+	+	+	+	1. HCU AIR BLEEDING MODE
SRS-AIRBAG	2000~2007	+	+	+		

\* Activation function of Gasoline Engine is supported depending on ECU type

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2000~2003	+	+	+		
	2004~2005	+	+	+	+	
AT	2000~2005	+	+	+	+	
IMMOBILIZER	2000~2005	+				
ABS	2000~2005	+	+	+	+	
SRS-AIRBAG	2000~2005	+	+	+		

**MODEL ACCENT(MC), GENERAL**

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2006~2011:1.4	+	+	+	+	1. RESETTING ADAPTIVE VALUES
	2006~2011:1.6	+	+	+	+	1. RESETTING ADAPTIVE VALUES
ENGINE(DIESEL)	2006~2011	+	+	+	+	1. ENGINE TEST FUNCTIONS 2. INJECTOR SPECIFIC DATA
AT	2006~2011	+	+	+	+	1. RESETTING AUTO T/A VALUES
IMMOBILIZER	2006~2011	+				
ABS/ESP	2006~2009	+	+	+	+	1. HCU AIR BLEEDING MODE
	2010~2011:TYPE 1	+	+	+	+	1. HCU AIR BLEEDING MODE
	2010~2011:TYPE 2	+	+	+	+	
EPS	2006~2011	+	+	+		
SRS-AIRBAG	2006~2011	+	+	+		
FULL AUTO A/C	2006~2011	+	+	+		

**MODEL ACCENT(MC), USA**

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2006~2011	+	+	+	+	1. RESETTING ADAPTIVE VALUES
AT	2006~2011	+	+	+	+	1. RESETTING ADAPTIVE VALUES
IMMOBILIZER	2006~2011	+				
ABS	2006~2011	+	+	+	+	
TPMS	2006~2011	+	+	+		
EPS	2006~2011	+	+	+		
SRS-AIRBAG	2006~2011		+	+		1. PASSENGER AIRBAG REALTIME INFORMATION
FULL AUTO A/C	2006~2011	+	+	+		

**MODEL ACCENT(RB), GENERAL**

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2011	+	+	+	+	1. RESETTING ADAPTIVE VALUES
ENGINE(DIESEL)	2011:1.4	+	+	+		1. INJECTOR SPECIFIC DATA 2. COMPONENT CHANGE ROUTINE 3. ECU INITIALIZATION 4. CPF SERVICE REGENERATION

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
	2011:1.6	+	+	+		1. INJECTOR SPECIFIC DATA 2. COMPONENT CHANGE ROUTINE 3. CPF SERVICE REGENERATION
AT	2011	+	+	+		1. RESETTING AUTO T/A VALUES
IMMOBILIZER	2011	+				
ABS	2011	+	+	+		1. HCU AIR BLEEDING MODE
EPS	2011		+	+		
SRS-AIRBAG	2011		+	+		
BCM	2011		+	+		
PIC	2011		+	+		
FULL AUTO A/C	2011		+	+		

#### ODEL ACCENT(RB), USA

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2012	+	+	+	+	1. RESETTING ADAPTIVE VALUES
AT	2012	+	+	+	+	1. RESETTING ADAPTIVE VALUES
IMMOBILIZER	2012	+				
ABS/ESC	2012		+	+		1. LONGITUDINAL G SENSOR CALIBRATION
TPMS	2012	+	+	+		
EPS	2012		+	+		
SRS-AIRBAG	2012		+	+		
BCM	2012		+	+		
FULL AUTO A/C	2012		+	+		

#### MODEL SOLARIS(RBr)

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2011~2012	+	+	+	+	1. RESETTING ADAPTIVE VALUES
AT	2011~2012	+	+	+		1. RESETTING AUTO T/A VALUES
ABS	2011~2012	+	+	+		1. HCU AIR BLEEDING MODE
SRS-AIRBAG	2011~2012		+	+		
IMMOBILIZER	2011~2012	+				

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
FULL AUTO A/C	2011~2012		+	+		
BCM	2011~2012		+	+		
PIC	2011~2012		+	+		

### MODEL VERNA (RBI)

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2012	+	+	+	+	1. RESETTING ADAPTIVE VALUES
ENGINE(DIESEL)	2012:1.4	+	+	+		1. INJECTOR SPECIFIC DATA 2. COMPONENT CHANGE ROUTINE 3. ECU INITIALIZATION 4. CPF SERVICE REGENERATION
	2012:1.6	+	+	+		1. INJECTOR SPECIFIC DATA 2. COMPONENT CHANGE ROUTINE 3. CPF SERVICE REGENERATION
AT	2012	+	+	+		1. RESETTING AUTO T/A VALUES
ABS	2012	+	+	+		1. HCU AIR BLEEDING MODE
IMMOBILIZER	2012	+				
FULL AUTO A/C	2012		+	+		
EPS	2012		+	+		
BCM	2012		+	+		
PIC	2012		+	+		

### MODEL ATOS /

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	1998~2005	+	+	+	+(EXCEPT:UNLEAD EOB/MEX)	1. RESETTING ADPATIVE VALUES(UNLEAD GENERAL(OPTION), LEAD ALL(OPTION)
	2006~	+	+	+	+	1. RESETTING ADPATIVE VALUES(1.0L LEAD ALL, 1.0/1.1L UNLEAD GENERAL)
AT	1998~	+	+	+	+	
ABS	1998~	+	+	+	+	
SRS-AIRBAG	1998~	+	+	+		
IMMOBILIZER	1998~:KWP	+				

**MODEL COUPE / TIBURON / TUSCANI(RC)**

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	1997~2001	+	+	+	+	
AT	1997~2001	+	+	+	+	
ABS	1997~2001	+	+	+	+	
SRS-AIRBAG	1997~2001	+	+	+		

\* Activation function of Gasoline Engine is supported depending on ECU type

**MODEL COUPE / TIBURON / TUSCANI(GK), GENERAL**

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2002~2008:2.0/2.7	+	+	+	+	1. RESETTING ADAPTIVE VALUES
	2002~2008:1.6	+	+	+		
AT	2002~2008:KWP TYPE 1	+	+	+	+	1. RESETTING AUTO T/A VALUES
	2002~2008:KWP TYPE 2	+	+	+	+	
	2002~2008:CAN	+	+	+		1. RESETTING AUTO T/A VALUES
IMMOBILIZER	2002~2008:1.6/2.0	+				
ABS	2002~2008	+	+	+	+	1. HCU AIR BLEEDING MODE
TCS	2002~2008	+	+	+		
AHLS	2002~2008		+	+		
SRS-AIRBAG	2002~2008	+	+	+		

**MODEL COUPE / TIBURON / TUSCANI(GK), USA**

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2002~2006:2.0 2002~2008:2.7	+	+	+	+	1. RESETTING ADAPTIVE VALUES 2. AUTO DETECTED CONFIGURATION RESET
	2007~2008:2.0	+	+	+	+	1. RESETTING ADAPTIVE VALUES
AT	2002~2006:2.0 TYPE 1		+	+	+	1. RESETTING AUTO T/A VALUES
	2007~2008:2.0 2005~2008:2.7	+	+	+	+	
	2002~2006:2.0 TYPE 2	+	+	+	+	

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
	2002~2004:2.7					
IMMOBILIZER	2002~2008:2.0	+				
ABS	2002~2008	+	+	+	+	
TCS	2002~2004	+	+	+	+	
AHLS	2005~2008		+	+		
TPMS	2007~2008	+	+	+		
SRS-AIRBAG	2002~2004	+	+	+		
	2005~2006		+	+		
	2007~2008		+	+		1. PODS RESET 2. PASSENGER AIRBAG REALTIME INFORMATION

### MODEL ELANTRA(UD/MD), USA

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2011~2012	+	+	+	+	1. RESETTING ADAPTIVE VALUES 2. AUTO DETECTED CONFIGURATION RESET
AT	2011~2012	+	+	+	+	1. RESETTING AUTO T/A VALUES
IMMOBILIZER	2011~2012	+				
ABS/ESC	2011~2012	+	+	+	+	1. LONGITUDINAL G SENSOR CALIBRATION 2. STEERING ANGLE SENSOR CALIBRATION 3. VARIANT CODE RESET
TPMS	2011~2012		+	+		
EPS	2011~2012		+	+		1. ASP CALIBRATION
AHLS	2011~2012		+	+		
SRS-AIRBAG	2011~2012		+	+		
BCM-BCM,CLU,SJB	2011~2012		+	+		
PIC-SMK	2011~2012		+	+		
FULL AUTO A/C	2011~2012		+	+		

### MODEL ELANTRA(MD), GENERAL

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2012:1.6	+	+	+	+	1. RESETTING ADAPTIVE VALUES
	2012:1.8	+	+	+	+	1. RESETTING ADAPTIVE VALUES 2. AUTO DETECTED CONFIGURATION RESET
AT	2012	+	+	+	+	1. RESETTING AUTO T/A VALUES

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
IMMOBILIZER	2012	+				
ABS/ESP	2012	+	+	+		
EPS	2012	+	+	+		1. ASP CALIBRATION
AHLS	2012	+	+	+		
SRS-AIRBAG	2012	+	+	+		
BCM-BCM,CLU,SJB	2012	+	+	+		
PIC-SMK	2012	+	+	+		
FULL AUTO A/C	2012	+	+	+		

### MODEL ELANTRA(HD), USA

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2007~2010	+	+	+	+	1. RESETTING ADAPTIVE VALUES
AT	2007~2010	+	+	+	+	1. RESETTING AUTO T/A VALUES
IMMOBILIZER	2007~2010	+				
ABS/ESC	2007~2010:TYPE 1	+	+	+	+	1. STEERING ANGLE SENSOR CALIBRATION 2. VARIANT CODE RESET
	2007~2010:TYPE 2	+	+	+	+	
	2007~2010:TYPE 3	+	+	+	+	1. VARIANT CODE RESET
TPMS	2007~2010	+	+	+		
EPS	2007~2010	+	+	+		1. ASP CALIBRATION
SRS-AIRBAG	2007~2010:ACU		+	+		1. PASSENGER AIRBAG REALTIME INFORMATION
	2007~2010:WCS	+	+	+		1. WCS RESET
BCM	2007~2010	+				
FULL AUTO A/C	2007~2010	+	+	+		

### MODEL ELANTRA(HD), GENERAL

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2007~2011:1.6 2007~2009:2.0	+	+	+	+	1. RESETTING ADAPTIVE VALUES
	2010~2011:2.0	+	+	+	+	1. RESETTING ADAPTIVE VALUES
ENGINE(DIESEL)	2007~2011	+	+	+	+	1. ENGINE TEST FUNCTIONS 2. INJECTOR SPECIFIC DATA

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATI ON	FUNCTIONS
AT	2007~2011	+	+	+	+	1. RESETTING AUTO T/A VALUES
IMMOBILIZER	2007~2011	+				
ABS/ESP	2007~2011:TYPE 1	+	+	+	+	1. STEERING ANGLE SENSOR CALIBRATION
	2007~2011:TYPE 2	+	+	+		
EPS	2007~2011	+	+	+		1. ASP CALIBRATION
SRS-AIRBAG	2007~2011	+	+	+		
BCM	2007~2011	+				
FULL AUTO A/C	2007~2011	+	+	+		

### MODEL ELANTRA(XD), USA

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2001~2006	+	+	+	+	1. RESETTING ADAPTIVE VALUES 2. AUTO DETECTED CONFIGURATION RESET
AT	2001~2006	+	+	+	+	1. RESETTING AUTO T/A VALUES
IMMOBILIZER	2001~2006	+				
ABS	2001~2006	+	+	+	+	
TCS	2001~2006	+	+	+	+	
SRS-AIRBAG	2001~2003	+	+	+		
	2004~2006		+	+		1. PASSENGER AIRBAG REALTIME INFORMATION

### MODEL ELANTRA(XD), GENERAL

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2001~2003:1.6	+	+	+		
	2004~2006:1.6	+	+	+	+	
	2001~2006:1.8/2.0	+	+	+	+	1. RESETTING ADPATIVE VALUES
ENGINE(DIESEL)	2001~2006:EURO3	+	+	+	+	1. ENGINE TEST FUNCTIONS
	2004~2006:EURO4	+	+	+	+	1. ENGINE TEST FUNCTIONS 2. INJECTOR SPECIFIC DATA
AT	2001~2006: 1.6/MELCO	+	+	+	+	
	2001~2006: SIEMENS	+	+	+	+	1. RESETTING AUTO T/A VALUES



SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
IMMOBILIZER	2001~2006	+				
ABS	2001~2006	+	+	+	+	1. HCU AIR BLEEDING MODE
TCS	2001~2006	+	+	+		
SRS-AIRBAG	2001~2006	+	+	+		

### MODEL ELANTRA (J1,RD)

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	1992~2000	+	+	+	+	
AT	1992~2000	+	+	+	+	
ABS	1992~2000	+	+	+	+	
SRS-AIRBAG	1992~2000	+	+	+		

\* Activation function of Gasoline Engine is supported depending on ECU type

### MODEL ELANTRA TOURING(FD), USA

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2009~2012	+	+	+	+	1. RESETTING ADAPTIVE VALUES
AT	2009~2012	+	+	+	+	1. RESETTING AUTO T/A VALUES
ABS/ESC	2009~2012:TYPE 1	+	+	+	+	1. STEERING ANGLE SENSOR CALIBRATION 2. VARIANT CODE RESET
	2009~2012:TYPE 2	+	+	+	+	1. VARIANT CODE RESET
	2009~2012:TYPE 3	+	+	+	+	
SRS-AIRBAG	2009~2012:ACU		+	+		1. PASSENGER AIRBAG REALTIME INFORMATION
	2009~2012:WCS	+	+	+		1. WCS RESET
FULL AUTO A/C	2009~2012	+	+	+		
BCM	2009~2012	+				
EPS	2009~2012	+	+	+		1. ASP CALIBRATION
IMMOBILIZER	2009~2012	+				
TPMS	2009~2012	+	+	+		

**MODEL SANTAFE(CM), USA**

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTI ONS
ENGINE(GASOLINE)	2007~2009:2.7/3.3	+	+	+	+	1. PCM AUTO DETECTION RESET 2. PCM LOCK (MEC) SETTING
	2010~2012:2.4	+	+	+	+	1. RESETTING ADAPTIVE VALUES 2. AUTO DETECTED CONFIGURATION RESET
	2010~2012:3.5	+	+	+	+	1. PCM LOCK(MEC) SETTING 2. PCM AUTO DETECTION RESET
AT	2007~2012	+	+	+	+	1. RESETTING AUTO T/A VALUES
IMMOBILIZER	2010~2012	+				
4WD	2007~2012		+	+		
ABS/ESC	2007~2012:TYPE 1	+	+	+	+	
	2007~2012:TYPE 2	+	+	+	+	1. STEERING ANGLE SENSOR CALIBRATION 2. VARIANT CODE RESET
TPMS	2007~2012	+	+	+		
EPS	2010~2012	+	+	+		
SRS-AIRBAG	2007~2009		+	+		1. PODS RESET 2. PASSENGER AIRBAG REALTIME INFORMATION
	2010~2012		+	+		1. PODS RESET
BCM	2007~2009	+				
PIC-SMK,PDM	2010~2012		+	+		
FULL AUTO A/C	2007~2012	+	+	+		

**MODEL SANTAFE(CM), GENERAL**

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTI ONS
ENGINE(GASOLINE)	2007~2009:2.7/3.3	+	+	+	+	1. PCM LOCK(MEC) SETTING 2. PCM AUTO DETECTION RESET
	2010~2012:2.4	+	+	+	+	1. RESETTING ADAPTIVE VALUES 2. AUTO DETECTED CONFIGURATION RESET
	2010~2012:3.5	+	+	+	+	1. PCM LOCK(MEC) SETTING 2. PCM AUTO DETECTION RESET
ENGINE(DIESEL)	2006~2009	+	+	+	+	1. ENGINE TEST FUNCTIONS 2. INJECTOR SPECIFIC DATA 3. COMPONENT CHANGE ROUTINE 4. CPF SERVICE REGENERATION
	2010~2012	+	+	+	+	1. INJECTOR SPECIFIC DATA 2. COMPONENT CHANGE ROUTINE 3. CPF SERVICE REGENERATION
AT	2006~2009	+	+	+	+	1. RESETTING AUTO T/A VALUES
	2010~2012:3.5	+	+	+		1. RESETTING AUTO T/A VALUES
	2010~2012:2.4	+	+	+	+	1. RESETTING AUTO T/A VALUES

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
	2010~2012:2.0/2.2	+	+	+		1. RESETTING AUTO T/A VALUES
IMMOBILIZER	2006~2012	+				
4WD	2006~2009:TYPE1		+	+		
	2006~2009:TYPE2	+	+	+		
	2010~2012	+	+	+		
ABS/ESP	2006~2009:TYPE 1	+	+	+	+	1. STEERING ANGLE SENSOR CALIBRATION 2. VARIANT CODE
	2006~2009:TYPE 2	+	+	+	+	
	2010~2012:TYPE 2	+	+	+	+	
	2010~2012:TYPE 1	+	+	+		1. STEERING ANGLE SENSOR CALIBRATION 2. VARIANT CODE RESET
TPMS	2010~2012	+	+	+		
EPS	2006~2009	+	+	+		
AHLs	2006~2009	+	+	+		
	2010~2012	+	+	+		
SRS-AIRBAG	2006~2009	+	+	+		
	2010~2012	+	+	+		
BCM	2006~2009	+				
	2010~2012	+				
PIC-SMK,PDM	2010~2012	+	+	+		
FULL AUTO A/C	2006~2012	+	+	+		

### MODEL SANTAFE(SM), USA

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2001~2006:2.4/3.5	+	+	+	+	
	2001~2006:2.7	+	+	+	+	1. RESETTING ADAPTIVE VALUES 2. AUTO DETECTED CONFIGURATION RESET
AT	2001~2006:2.4/2.7	+	+	+	+	
	2005~2006:3.5	+	+	+	+	1. RESETTING AUTO T/A VALUES
4WD	2001~2006		+	+		
ABS	2001~2006	+	+	+	+	
TCS	2001~2006	+	+	+	+	

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
SRS-AIRBAG	2001~2004	+	+	+		
	2005~2006	+	+	+		1. PASSENGER AIRBAG REALTIME INFORMATION

### MODEL SANTAFE(SM), GENERAL

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2001~2006: 2.0/2.4/3.5	+	+	+	+	
	2001~2006:2.7	+	+	+	+	1. RESETTNG ADPATIVE VALUES
ENGINE(DIESEL)	2001~2006	+	+	+	+	1. ENGINE TEST FUNCTIONS
AT	2001~2006	+	+	+	+	
ABS	2001~2006	+	+	+	+	
TCS	2001~2006	+	+	+		
SRS-AIRBAG	2001~2006	+	+	+		
IMMOBILIZER	2001~2006:DIESEL	+				
4WD	2001~2006		+	+		

### MODEL SONATA(NF), USA

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2006~2010:2.4	+	+	+	+	1. RESETTNG ADPATIVE VALUES 2. AUTO DETECTED CONFIGURATION RESET
	2006~2010:3.3	+	+	+	+	1. PCM AUTO DETECTION RESET 2. PCM LOCK(MEC) SETTING
AT	2006~2010	+	+	+	+	1. RESETTNG AUTO T/A VALUES
IMMOBILIZER	2009~2010	+				
ABS/ESC	2006~2010:TYPE 1	+	+	+	+	1. STEERING ANGLE SENSOR 2. VARIANT CODE RESET
	2006~2010:TYPE 2	+	+	+	+	
EPS	2006~2010	+	+	+		
TPMS	2006~2010	+	+	+		
SRS-AIRBAG	2006~2010:ACU		+	+		1. PASSENGER AIRBAG REALTIME INFORMATION
	2006~2010:WCS		+	+		1. WCS RESET
BCM	2006~2010	+				
FULL AUTO A/C	2006~2010	+	+	+		

### ODEL SONATA(NF), GENERAL

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTI ONS
ENGINE(GASOLINE)	2005~2010:3.3	+	+	+	+	1. PCM LOCK(MEC) SETTING 2. PCM AUTO DETECTION RESET
	2005~2010:2.0/2.4	+	+	+	+	1. RESETTING ADPATIVE VALUES
ENGINE(DIESEL)	2005~2010	+	+	+	+	1. CPF SERVICE REGENERATION 2. INJECTOR SPECIFIC DATA 3. COMPONENT CHANGE ROUTINE 4. ENGINE TEST FUNCTIONS
AT	2005~2010	+	+	+	+	1. RESETTING AUTO T/A VALUES
ABS/ESP	2005~2010:TYPE 1	+	+	+	+	1. STEERING ANGLE SENSOR CALIBRATION
	2005~2010:TYPE 2	+	+	+	+	
AGCS	2008~2010		+	+		
SRS-AIRBAG	2005~2010	+	+	+		
BCM	2005~2010	+				
FULL AUTO A/C	2005~2010	+	+	+		

### MODEL SONATA(EF), USA

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTI ONS
ENGINE(GASOLINE)	1999~2001: 2.4/2.5 TYPE 1 2002~2005:2.7	+	+	+	+	1. RESETTING ADAPTIVE VALUES 2. AUTO DETECTED CONFIGURATION RESET
	1999~2001: 2.4/2.5 TYPE 2 2002~2005:2.4	+	+	+	+	
AT	1999~2004	+	+	+	+	
	2005	+	+	+	+	1. RESETTING AUTO T/A VALUES
ABS	1999~2005	+	+	+	+	
TCS	1999~2005	+	+	+	+	
SRS-AIRBAG	1999~2005	+	+	+		

### MODEL SONATA(EF), GENERAL'

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTI ONS
ENGINE(GASOLINE)	1999~2006	+	+	+	+	1. RESETTING ADAPTIVE VALUES (V6-DOHC, L4 DOHC UNLEAD GENERAL (OPTION))

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
AT	1999~2006	+	+	+	+	
ABS	1999~2006	+	+	+	+	
TCS	1999~2006	+	+	+		
SRS-AIRBAG	1999~2006	+	+	+		

### MODEL SONATA(Y2,Y3)

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	1989~1998	+	+	+	+	
AT	1989~1998	+	+	+	+	
ABS	1994~1998	+	+	+	+	
SRS-AIRBAG	1994~1998	+	+	+		

### MODEL SONATA / i45(YF), GENERAL

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2011~2012	+	+	+	+	1. RESETTING ADAPTIVE VALUES 2. AUTO DETECTED CONFIGURATION RESET
AT	2011~2012	+	+	+	+	1. RESETTING AUTO T/A VALUES
IMMOBILIZER	2011~2012	+				
ABS/ESP	2011~2012	+	+	+		
AHLS	2011~2012	+	+	+		
SRS-AIRBAG	2011~2012	+	+	+		
BCM-BCM,SJB,CLU	2011~2012	+	+	+		
PIC-SMK,PDM	2011~2012	+	+	+		
FULL AUTO A/C	2011~2012	+	+	+		

### MODEL SONATA(YF), USA

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2011~2012	+	+	+	+	1. RESETTING ADAPTIVE VALUES 2. AUTO DETECTED CONFIGURATION RESET
AT	2011~2012	+	+	+	+	1. RESETTING AUTO T/A VALUES
IMMOBILIZER	2011~2012	+				
ABS/ESP	2011~2012	+	+	+	+	1. VARIANT CODING

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
TPMS	2011~2012	+	+	+		
EPS	2011~2012	+	+	+		
SRS-AIRBAG	2011~2012:ACU		+	+		
	2011~2012:WCS		+	+		1. WCS RESET
BCM-BCM,SJB,CLU	2011~2012		+	+		
PIC-SMK,PDM	2011~2012		+	+		
TMU	2011~2012		+	+		
FULL AUTO A/C	2011~2012	+	+	+		

### MODEL SONATA HYBRID(YF HEV), USA

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2011~2012	+	+	+	+	1. RESETTING ADAPTIVE VALUES 2. AUTO DETECTED CONFIGURATION RESET
AT	2011~2012	+	+	+		1. RESETTING AUTO T/A VALUES
IMMOBILIZER	2011~2012	+				
AAF	2011~2012		+	+		
BMS	2011~2012		+	+		
HCU	2011~2012		+	+		
LDC	2011~2012		+	+		
MCU	2011~2012		+	+		
ABS/ESC	2011~2012	+	+	+		1. LONGITUDINAL G SENSOR CALIBRATION
TPMS	2011~2012	+	+	+		
EPS	2011~2012		+	+		
AHB	2011~2012		+	+		
AHLS	2011~2012		+	+		
SRS-AIRBAG	2011~2012:ACU		+	+		
	2011~2012:WCS		+	+		1. WCS RESET
BCM-BCM,CLU,SJB	2011~2012		+	+		
PIC-SMK,PDM	2011~2012		+	+		
TMU	2011~2012		+	+		

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
FULL AUTO A/C	2011~2012		+	+		

#### MODEL TERRACAN(HP)

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2001~2007	+	+	+	+	
ENGINE(DIESEL)	2001~2007:2.5	+	+	+	+	
	2001~2007:2.9	+	+	+	+	1. INJECTOR SPECIFIC DATA 2. ECU INITIALIZATION
AT	2001~2007	+	+	+	+	
ABS	2001~2007	+	+	+	+	
SRS-AIRBAG	2001~2007	+	+	+		
IMMOBILIZER	2001~2007:2.9	+				
4WD	2001~2007		+	+		

#### MODEL TRAJET (FO)

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2001~2007:2.0	+	+	+	+	1. RESETTING ADPATIVE VALUES(OPTION)
	2001~2007:2.7	+	+	+	+	1. RESETTING ADPATIVE VALUES
ENGINE(DIESEL)	2001~2007	+	+	+	+	1. ENGINE TEST FUNCTION
AT	2001~2007	+	+	+	+	1. RESETTING AUTO T/A VALUES(SIEMENS)
ABS	2001~2007:TYPE 1	+	+	+	+	1. HCU AIR BLEEDING MODE
	2001~2007:TYPE 2	+	+	+	+	
IMMOBILIZER	2001~2007: DIESEL/ 2.0 GASOLINE SIEMENS	+				
FFH	2001~2007		+	+		
SRS-AIRBAG	2001~2007	+	+	+		

#### ODEL MATRIX / LAVITA(FC)

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2002~2011:1.6	+	+	+	+(OPTION)	



SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
	2002~2011:1.8	+	+	+	+	1. RESETTING ADPATIVE VALUES
ENGINE(DIESEL)	2002~2005	+	+	+	+	1. ENGINE TEST FUNCTIONS
	2005~2011	+	+	+	+	1. ENGINE TEST FUNCTIONS 2. INJECTOR SPECIFIC DATA
AT	2002~2011	+	+	+	+	
ABS	2002~2011	+	+	+	+	1. HCU AIR BLEEDING MODE
TCS	2002~2011		+	+		
SRS-AIRBAG	2002~2011	+	+	+		
IMMOBILIZER	2002~2011	+				
FULL AUTO A/C	2002~2011	+	+	+		

### MODEL GETZ (TB)

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2003~2005	+	+	+	+(1.4)	
	2006~2011	+	+	+	+	
ENGINE(DIESEL)	2003~2005	+	+	+	+	1. ENGINE TEST FUNCTIONS
	2006~2011:1.5D	+	+	+	+	1. ENGINE TEST FUNCTIONS
	2006~2011:1.5U	+	+	+	+	1. ENGINE TEST FUNCTIONS 2. INJECTOR SPECIFIC DATA
AT	2003~2011	+	+	+	+	
ABS	2003~2011:TYPE 1	+	+	+	+	
	2003~2011:TYPE 2	+	+	+	+	1. SAS Calibration
EPS	2003~2011	+	+	+		
SRS-AIRBAG	2003~2011	+	+	+		
IMMOBILIZER	2003~2011	+				

### MODEL GALLOPER II(M1)

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	1997~2003	+	+	+	+	
ENGINE(DIESEL)	1997~2003	+	+	+	+	
ABS	1997~2003	+	+	+	+	

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
SRS-AIRBAG	1997~2003	+	+	+		

### MODEL TUCSON(JM), USA

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2005~2009: 2.0 TYPE 1	+	+	+	+	1. RESETTING ADAPTIVE VALUES
	2005~2009: 2.0 TYPE 2 2005~2009:2.7	+	+	+	+	1. RESETTING ADAPTIVE VALUES 2. AUTO DETECTED CONFIGURATION RESET
AT	2005~2009: 2.0/2.7 TYPE 1	+	+	+	+	1. RESETTING AUTO T/A VALUES
	2005~2009: 2.0/2.7 TYPE 2	+	+	+	+	
IMMOBILIZER	2005~2009:2.0	+				
4WD	2005~2009:2.7	+	+	+		
ABS/ESC	2005~2009	+	+	+	+	
TPMS	2005~2009	+	+	+		
SRS-AIRBAG	2005~2009		+	+		
ETACS	2005~2009	+				1. PODS RESET 2. PASSENGER AIRBAG REALTIME INFORMATION
FULL AUTO A/C	2005~2009	+	+	+		

### MODEL TUCSON(JM), GENERAL

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2004~2010	+	+	+	+	1. RESETTING ADPATIVE VALUES
ENGINE(DIESEL)	2004~2010:WGT	+	+	+	+	1. ENGINE TEST FUNCTIONS
	2004~2010:VGT	+	+	+	+	1. ENGINE TEST FUNCTIONS 2. CPF SERVICE REGENERATION 3. INJECTOR SPECIFIC DATA 4. COMPONENT CHANGE ROUTINE
AT	2004~2010	+	+	+	+	1. RESETTING AUTO T/A VALUES(DIESEL CAN, 2.0 GASOLINE SIEMENS PCM)
ABS/ESP	2004~2010	+	+	+	+	1. HCU AIR BLEEDING MODE
SRS-AIRBAG	2004~2010	+	+	+		
IMMOBILIZER	2004~2010	+	+(2.7)	+(2.7)		
4WD	2004~2010: TYPE 1		+	+		

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
	2004~2010:TYPE2	+	+	+		
FULL AUTO A/C	2004~2010	+	+	+		
ETACS	2004~2010	+				
TPMS	2009~2010	+	+	+		

### MODEL TUCSON / ix35(LM/EL), GENERAL

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2010~2012:1.6	+	+	+	+	1. RESETTING ADAPTIVE VALUES
	2010~2012:2.0/2.4	+	+	+	+	1. RESETTING ADAPTIVE VALUES 2. AUTO DETECTED CONFIGURATION RESET
ENGINE(DIESEL)	2010~ 2012	+	+	+		1.INJECTOR SPECIFIC DATA 2.COMPONENT CHANGE ROUTINE 3.CPF SERVICE REGENERATION
ENGINE(F)	2010~ 2012	+	+	+	+	1.RESETTING ADAPTIVE VALUES 2.AUTO DETECTED CONFIGURATION RESET
AT	2010~ 2012: 2.0/2.4 GASOLINE	+	+	+	+	1. RESETTING AUTO T/A VALUES
	2010~ 2012: 2.0 DIESEL	+	+	+		1. RESETTING AUTO T/A VALUES
ABS/ESP	2010~ 2012	+	+	+	+	1. LONGITUDINAL G SENSOR CALIBRATION 2. STEERING ANGLE SENSOR CALIBRATION 3. VARIANT CODE RESET
EPS	2010~ 2012	+	+	+		
SRS-AIRBAG	2010~ 2012	+	+	+		
IMMOBILIZER	2010~ 2012	+				
4WD	2010~ 2012	+	+	+		
FULL AUTO A/C	2010~ 2012	+	+	+		
BCM-BCM,SJB	2010~ 2012	+	+	+		
PIC-SMK,PDM	2010~ 2012	+	+	+		
TPMS	2010~ 2012	+	+	+		
SPAS	2010~ 2012	+	+	+		

**MODEL TUCSON(LM), USA**

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2010~2012	+	+	+	+	1. RESETTING ADAPTIVE VALUES 2. AUTO DETECTED CONFIGURATION RESET
AT	2010~2012	+	+	+	+	1. RESETTING AUTO T/A VALUES
ABS/ESP	2010~2012	+	+	+	+	1. LONGITUDINAL G SENSOR CALIBRATION 2. STEERING ANGLE SENSOR CALIBRATION 3. VARIANT CODE RESET
EPS	2010~2012	+	+	+		
SRS-AIRBAG	2010~2012		+	+		1. PODS RESET
IMMOBILIZER	2010~2012	+				
4WD	2010~2012		+	+		
FULL AUTO A/C	2010~2012	+	+	+		
BCM-BCM,SJB	2010~2012		+	+		
PIC-SMK,PDM	2010~2012		+	+		
TPMS	2010~2012	+	+	+		

**MODEL ix20(JC)**

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2011	+	+	+	+	1. RESETTING ADAPTIVE VALUES
ENGINE(DIESEL)	2011	+	+	+		1. INJECTOR SPECIFIC DATA 2. COMPONENT CHANGE ROUTINE 3. ECU INITIALIZATION 4. CPF SERVICE REGENERATION
AT	2011: 1.6 GASOLINE	+	+	+		1. RESETTING AUTO T/A VALUES
ABS	2011	+	+	+		
EPS	2011		+	+		
SRS-AIRBAG	2011		+	+		
IMMOBILIZER	2011	+	+	+		
FULL AUTO A/C	2011		+	+		
BCM	2011		+	+		
PIC	2011		+	+		
TPMS	2011		+	+		

**MODEL GRANDEUR / XG(XG), GENERAL**

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	1999~2005	+	+	+	+	1. RESETTING ADPATIVE VALUES(OPTION) 2. AUTO DETECTED CONFIGURATION RESET(OPTION)
AT	1999~2005	+	+	+	+	
ABS	1999~2005	+	+	+	+	1. HCU AIR BLEEDING MODE
TCS	1999~2005	+	+	+		
SRS-AIRBAG	1999~2005	+	+	+		
ECS	1999~2005		+	+		
AHLS	1999~2005		+	+		

**MODEL XG(XG), USA**

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2001~2005	+	+	+	+	
AT	2001~2005:TYPE 1	+	+	+	+	
	2001~2005:TYPE 2	+	+	+	+	1. RESETTING AUTO T/A VALUES
ABS	2001~2005	+	+	+	+	
TCS	2001~2005	+	+	+	+	
SRS-AIRBAG	2001~2005	+	+	+		

**MODEL AZERA(TG), USA**

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2006~2011	+	+	+	+	1. PCM AUTO DETECTION RESET 2. PCM LOCK (MEC) SETTING
AT	2006~2011	+	+	+	+	1. RESETTING AUTO T/A VALUES
IMMOBILIZER	2006~2011	+				
ABS/ESC	2006~2011:TYPE 1	+	+	+	+	1. STEERING ANGLE SENSOR CALIBRATION 2. VARIANT CODE RESET
	2006~2011:TYPE 2	+	+	+	+	
TPMS	2006~2011	+	+	+		
EPS	2006~2011	+	+	+		
AHLS	2006~2011		+	+		
SRS-AIRBAG	2006~2011		+	+		1. PODS RESET 2. PASSENGER AIRBAG REALTIME INFORMATION

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
BCM-BCM,DDM,ADM,IMS,TILT	2006~2011		+	+		
FULL AUTO A/C	2006~2011	+	+	+		

### MODEL GRANDEUR / AZERA(TG), GENERAL

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2006~2011: GASOLINE NON CAN	+	+	+	+	1. PCM AUTO DETECTION RESET 2. PCM LOCK(MEC) SETTING
	2006~2011: GASOLINE CAN	+	+	+	+	1. PCM AUTO DETECTION RESET 2. PCM LOCK(MEC) SETTING
ENGINE(DIESEL)	2006~2011	+	+	+	+	1. ENGINE TEST FUNCTIONS 2. CPF SERVICE REGENERATION 3. INJECTOR SPECIFIC DATA 4. COMPONENT CHANGE ROUTINE
AT	2006~2011: GASOLINE NON CAN	+	+	+	+	1. RESETTING AUTO T/A VALUES
	2006~2011: GASOLINE CAN	+	+	+	+	1. RESETTING AUTO T/A VALUES
	2006~2011: DIESEL	+	+	+	+	1. RESETTING AUTO T/A VALUES
IMMOBILIZER	2006~2011	+				
ABS/ESP	2006~2011:TYPE 1	+	+	+	+	1. STEERING ANGLE SENSOR CALIBRATION 2. VARIANT CODE RESET
	2006~2011:TYPE 2	+	+	+	+	
EPS	2006~2011		+	+		
AHLS	2006~2011		+	+		
SRS-AIRBAG	2006~2011	+	+	+		
BCM-BCM,DDM,ADM,IMS,TILT	2006~2011		+	+		
PIC-SMK,PDM	2006~2011		+	+		
FULL AUTO A/C	2006~2011	+	+	+		

### MODEL VERACRUZ(EN), USA

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2007~2012	+	+	+	+	1. PCM AUTO DETECTION RESET 2. PCM LOCK(MEC) SETTING
AT	2007~2012	+	+	+	+	1. RESETTING AUTO T/A VALUES 2. 'N' POSITION THE ADAPTIVE

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
IMMOBILIZER	2007~2012	+				
4WD	2007~2012		+	+		
ABS/ESC	2007~2012	+	+	+	+	
TPMS	2007~2012	+	+	+		
SRS-AIRBAG	2007~2012: ACU TYPE 1		+	+		
	2007~2012: ACU TYPE 2		+	+		1. PASSENGER AIRBAG REALTIME INFORMATION
	2007~2012: WCS TYPE 1	+	+	+		1. WCS RESET
BCM- BCM,DDM,ADM,IMS,TILT	2007~2012		+	+		
PIC	2007~2012		+	+		
PTG	2007~2012		+	+		
FULL AUTO A/C	2007~2012	+	+	+		

### MODEL VERACRUZ / ix55(EN), GENERAL

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2007~2011	+	+	+	+	1. PCM AUTO DETECTION RESET 2. PCM LOCK(MEC) SETTING
ENGINE(DIESEL)	2007~2011:TYPE 1	+	+	+	+	1. INJECTOR SPECIFIC DATA 2. ENGINE TEST FUNCTIONS 3. COMPONENT CHANGE ROUTINE
	2007~2011:TYPE 2		+	+		1. INJECTOR SPECIFIC DATA 2. ENGINE TEST FUNCTIONS 3. COMPONENT CHANGE ROUTINE 4. CPF SERVICE REGENERATION
AT	2007~2011	+	+	+	+	1. RESETTING AUTO T/A VALUES
IMMOBILIZER	2007~2011	+				
ABS/ESP	2007~2011:TYPE 1	+	+	+	+	
	2007~2011:TYPE 2	+	+	+	+	1. HCU AIR BLEEDING MODE
EPS	2007~2011		+	+		
AHLS	2007~2011		+	+		
SRS-AIRBAG	2007~2011	+	+	+		
BCM-BCM,DDM,ADM,IMS,TILT	2007~2011		+	+		
PIC	2007~2011		+	+		

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
PTG	2007~2011		+	+		
4WD	2007~2011		+	+		
FULL AUTO A/C	2007~2011		+	+		
TPMS	2007~2011	+	+	+		

### MODEL H-1 / STAREX(A1,TQ)

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	1998~2007	+	+	+	+	
	2007~2011	+	+	+	+	1. RESET ALL ADAPTIVE VALUES 2. AUTO DETECTED CONFIGURATION RESET
ENGINE(DIESEL)	1998~2011: TCI/TC	+	+	+	+	
	1998~2007: CRDi NON CAN	+	+	+	+	1. ENGINE TEST FUNCTIONS 2. INJECTOR SPECIFIC DATA(VGT)
	1998~2007: CRDi CAN	+	+	+	+	1. ENGINE TEST FUNCTIONS 2. INJECTOR SPECIFIC DATA 3. COMPONENT CHANGE ROUTINE
	2007~2011:CRDi	+	+	+	+	1. ENGINE TEST FUNCTIONS 2. INJECTOR SPECIFIC DATA 3. COMPONENT CHANGE ROUTINE 4. CPF SERVICE REGENERATION
AT	1998~2007: DIGITAL	+	+	+	+	
	2007~2011: GASOLINE	+	+	+	+	1. RESETTING AUTO T/A VALUES
	2007~2011: DIESEL CRDi	+	+	+	+	1. RESETTING AUTO T/A VALUES 2. TCU SUB ROM RESET
	2007~2011: DIESEL TC	+	+	+	+	
IMMOBILIZER	1998~2007: DIESEL CRDi	+				
	2007~2011	+				
FFH	1998~2011		+	+		
ABS	1998~2007	+	+	+	+	
	2007~2011:TYPE 1	+	+	+	+	1. HCU AIR BLEEDING MODE
	2007~2011:TYPE 2		+	+		1. HCU AIR BLEEDING MODE
SRS-AIRBAG	1998~2011	+	+	+		



SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
4WD	1998~2007		+	+		
FULL AUTO A/C	2007~2011	+	+	+		
BCM	2007~2011	+				

### MODEL H-1 TRUCK(SR)

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(DIESEL)	2001~2009	+	+	+	+	
ABS	2001~2009	+	+	+	+	
SRS-AIRBAG	2001~2009	+	+	+		

### MODEL H-100(AH)

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	1994~2001	+	+	+	+	
ENGINE(DIESEL)	1994~2001	+	+	+	+	

### MODEL H-100 TRUCK(AU,HR)

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	1997~2003	+	+	+	+	
ENGINE(DIESEL)	1997~2003	+	+	+	+	
	2004~2011:TCI	+	+	+	+	
	2004~2011:CRDi	+	+	+	+	1. ENGINE TEST FUNCTIONS 2. COMPONENT CHANGE ROUTINE 3. INJECTOR SPECIFIC DATA
ABS	2004~2011	+	+	+	+	1. HCU AIR BLEEDING MODE

### MODEL i10(PA)

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2008~2012	+	+	+	+	1. RESET ALL ADAPTIVE VALUES
ENGINE(DIESEL)	2008~2010	+	+	+	+	1. INJECTOR SPECIFIC DATA 2. ENGINE TEST FUNCTIONS
AT	2008~2012	+	+	+	+	1. RESETTING AUTO T/A VALUES
IMMOBILIZER	2008~2012	+				
ABS	2008~2012:TYPE 1	+	+	+	+	1. HCU AIR BLEEDING MODE

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
	2008~2012:TYPE 2	+	+	+		1. HCU AIR BLEEDING MODE
SRS-AIRBAG	2008~2012	+	+	+		
EPS	2008~2012	+	+	+		

### MODEL i20(PB)

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2009~2012	+	+	+	+	1. RESET ALL ADAPTIVE VALUES
ENGINE(DIESEL)	2009~2012:1.4U	+	+	+	+	1.INJECTOR SPECIFIC DATA 2.COMPONENT CHANGE ROUTINE
	2009~2012:1.4U2	+	+	+		1.INJECTOR SPECIFIC DATA 2.COMPONENT CHANGE ROUTINE 3.ECU INITIALIZATION 4.CPF SERVICE REGENERATION
	2009~2012:1.6U2	+	+	+	+	1.INJECTOR SPECIFIC DATA 2.COMPONENT CHANGE ROUTINE 3.CPF SERVICE REGENERATION
AT	2009~2012	+	+	+		1. RESETTNG AUTO T/A VALUES
IMMOBILIZER	2009~2012	+				
ABS	2009~2010	+	+	+	+	
	2011~2012	+	+	+		
SRS-AIRBAG	2009~2012		+	+		
FULL AUTO A/C	2009~2012	+	+	+		
BCM	2009~2012	+				
EPS	2009~2012	+	+	+		
TPMS	2009~2012	+	+	+		

### MODEL i30 / ELANTRA NEOS(FD)

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2008~2011: 1.4/1.6	+	+	+	+	1. RESET ALL ADAPTIVE VALUES
	2008~2011:2.0	+	+	+	+	1. RESET ALL ADAPTIVE VALUES
ENGINE(DIESEL)	2008~2011:1.6U	+	+	+	+	1.INJECTOR SPECIFIC DATA 2.COMPONENT CHANGE ROUTINE 3.ENGINE TEST FUNCTIONS 4.CPF SERVICE REGENERATION
	2008~2011:1.6 U2	+	+	+	+	1.INJECTOR SPECIFIC DATA 2.COMPONENT CHANGE ROUTINE

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
	2008~2011:2.0	+	+	+	+	1. CPF SERVICE REGENERATION 2. INJECTOR SPECIFIC DATA 3. COMPONENT CHANGE ROUTINE 4. ENGINE TEST FUNCTIONS
AT	2008~2011	+	+	+	+	1. RESETTING AUTO T/A VALUES
IMMOBILIZER	2008~2011	+				
ABS	2008~2011:TYPE 1	+	+	+	+	1. SAS CALIBRATION
	2008~2011:TYPE 2	+	+	+	+	
SRS-AIRBAG	2008~2011	+	+	+		
FULL AUTO A/C	2008~2011	+	+	+		
BCM	2008~2011	+				
EPS	2008~2011	+	+	+		1. ASP CALIBRATION
TPMS	2008~2011	+	+	+		

### MODEL GENESIS(BH), GENERAL

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2009~2011:3.3/3.8	+	+	+	+	1. PCM AUTO DETECTION RESET 2. PCM LOCK(MEC) SETTING
	2009~2011:4.6	+	+	+	+	1. RESET ALL ADAPTIVE VALUES
AT	2009~2011:3.3/3.8	+	+	+	+	1. RESETTING AUTO T/A VALUES
	2009~2011:4.6	+	+	+		1. RESETTING AUTO T/A VALUES 2. CLEAR CAN LEARNABLE STATUS
IMMOBILIZER	2009~2011	+				
ABS/ESP	2009~2011	+	+	+	+	1. STEERING ANGLE SENSOR CALIBRATION 2. LONGITUDINAL G SENSOR CALIBRATION 3. LATERAL G SENSOR CALIBRATION 4. PRESSURE SENSOR CALIBRATION
EPS	2009~2011	+	+	+		
TPMS	2009~2011	+	+	+		
AHLS	2009~2011		+	+		
LDWS	2009~2011		+	+		
EPB	2009~2011		+	+		
ECS	2009~2011		+	+		
SCC	2009~2011		+	+		
SRS-AIRBAG	2009~2011:ACU	+	+	+		

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
	2009~2011:EVENT		+	+		
BCM-FAM,DDM,ADM,CLU,MFS,PSM,PTM,ECW,PDM,IPM,SCM,FBWS	2009~2011		+	+		
AFLS	2009~2011		+	+		
FULL AUTO A/C	2009~2011	+	+	+		
DIS-HU,TA	2009~2011		+	+		

### MODEL GENESIS(BH), USA

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2009~2011:3.3/3.8	+	+	+	+	1. PCM AUTO DETECTION RESET 2. PCM LOCK(MEC) SETTING
	2009~2012:4.6	+	+	+	+	1. RESET ALL ADAPTIVE VALUES
	2012: 3.8		+	+		1. PCM AUTO DETECTION RESET 2. PCM LOCK(MEC) SETTING
	2012: 5.0		+	+		1. RESETTING ADAPTIVE VALUES
AT	2009~2011:3.3/3.8	+	+	+	+	1. RESETTING AUTO T/A VALUES
	2009~2011:4.6	+	+	+	+	1. RESETTING AUTO T/A VALUES 2. CLEAR CAN LEARNABLE STATUS
	2012	+	+	+		1. RESETTING AUTO T/A VALUES
IMMOBILIZER	2009~2012	+				
ABS/ESC	2009~2012	+	+	+	+	1. STEERING ANGLE SENSOR CALIBRATION 2. LONGITUDINAL G SENSOR CALIBRATION 3. LATERAL G SENSOR CALIBRATION 4. PRESSURE SENSOR CALIBRATION
TPMS	2009~2012	+	+	+		
EPS	2009~2012	+	+	+		
AHLS	2009~2012		+	+		
EPB	2009~2012		+	+		
LDWS	2009~2012		+	+		
SCC	2009~2012		+	+		
ECS	2009~2012		+	+		
PSB	2009~2012		+	+		
SRS-AIRBAG	2009~2012:TYPE 1		+	+		
	2009~2012:TYPE 2		+	+		1. PODS RESET 2. PASSENGER AIRBAG REALTIME INFORMATION

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
BCM-FAM,DDM,ADM,CLU,MFS,PSM,PTM,ECW,PDM,IPM,SCM,FBWS	2009~2012		+	+		
AFLS	2009~2012		+	+		
FULL AUTO A/C	2009~2012	+	+	+		
DIS-HU,TA	2009~2012		+	+		

### MODEL GENESIS COUPE(BK), GENERAL

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2009~2011:3.8	+	+	+	+	1. PCM AUTO DETECTION RESET 2. PCM LOCK(MEC) SETTING
	2009~2011:2.0	+	+	+	+	1. RESETTING ADAPTIVE VALUES 2. AUTO DETECTED CONFIGURATION RESET
AT	2009~2011:3.8	+	+	+		1. RESETTING AUTO T/A VALUES 2. CLEAR CAN LEARNABLE STATUS
	2009~2011:2.0	+	+	+	+	1. RESETTING AUTO T/A VALUES 2. TCU SUB ROM RESET
IMMOBILIZER	2009~2011	+				
ABS/ESC	2009~2011:TYPE 1	+	+	+	+	
	2009~2011:TYPE 2	+	+	+		1. HCU AIR BLEEDING MODE
AHLS	2009~2011	+	+	+		
PIC-SMK,PDM	2009~2011	+	+	+		
FULL AUTO A/C	2009~2011	+	+	+		
SRS-AIRBAG	2009~2011	+	+	+		
BCM	2009~2011	+				

### MODEL GENESIS COUPE(BK), USA

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2009~2011:3.8	+	+	+	+	1. PCM AUTO DETECTION RESET 2. PCM LOCK(MEC) SETTING
	2009~2011:2.0	+	+	+	+	1. RESETTING ADAPTIVE VALUES 2. AUTO DETECTED CONFIGURATION RESET
AT	2009~2011:3.8	+	+	+	+	1. RESETTING AUTO T/A VALUES 2. CLEAR CAN LEARNABLE STATUS
	2009~2011:2.0	+	+	+	+	1. RESETTING AUTO T/A VALUES 2. TCU SUB ROM RESET
	2010~2012:THETA	+	+	+		
IMMOBILIZER	2010~2012	+				

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ABS/ESC	2010~2012	+	+	+	+	
TPMS	2010~2012	+	+	+		
AHLS	2010~2012		+	+		
PIC-SMK,PDM	2010~2012		+	+		
FULL AUTO A/C	2010~2012	+	+	+		
SRS-AIRBAG	2010~2012		+	+		1. PASSENGER AIRBAG REALTIME INFORMATION 2.PODS RESET

### MODEL PORTER

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(DIESEL)	1998~2007:TCI/TC	+	+	+	+	
	1998~2007: CRDi NON CAN	+	+	+	+	1. ENGINE TEST FUNCTIONS 2. INJECTOR SPECIFIC DATA(VGT)
	1998~2007: CRDi CAN	+	+	+	+	1. ENGINE TEST FUNCTIONS 2. INJECTOR SPECIFIC DATA 3. COMPONENT CHANGE ROUTINE
	2007~2011:CRDi	+	+	+	+	1. CPF SERVICE REGENERATION 2. INJECTOR SPECIFIC DATA 3. COMPONENT CHANGE ROUTINE 4. ENGINE TEST FUNCTIONS
ABS	1998~2007	+	+	+	+	1. HCU AIR BLEEDING MODE
	2007~2011:TYPE 1	+	+	+	+	1. HCU AIR BLEEDING MODE
	2007~2011:TYPE 2		+	+		1. HCU AIR BLEEDING MODE

### MODEL ENTOURAGE(EP), USA

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2007~2010	+	+	+	+	1. PCM AUTO DETECTION RESET 2. PCM LOCK(MEC) SETTING
AT	2007~2010	+	+	+	+	1. RESETTNG AUTO T/A VALUES
ABS/ESC	2007~2010:TYPE 1	+	+	+	+	1. STEERING ANGLE SENSOR CALIBRATION 2. VARIANT CODE RESET
	2007~2010:TYPE 2	+	+	+	+	
SRS-AIRBAG	2007~2010:ACU		+	+		1. PASSENGER AIRBAG REALTIME INFORMATION
	2007~2010:WCS	+	+	+		1. WCS RESET
TPMS	2007~2010	+	+	+		
IMMOBILIZER	2007~2010	+				

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
BCM- IPM,FAM,RAM,DDM,ADM,IMS	2007~2010		+	+		
PTG	2007~2010		+	+		
PSD	2007~2010		+	+		
FULL AUTO A/C	2007~2010	+	+	+		

### MODEL CENTENNIAL / EQUUS(LZ)

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	1999~2008:3.5	+	+	+	+	
	1999~2008:4.5	+	+	+	+	
AT	1999~2008:3.5/4.5	+	+	+		
ABS	1999~2008	+	+	+		
ECS	1999~2008		+	+		
AHLS	1999~2008		+	+		
SRS-AIRBAG	1999~2008		+	+		
FULL AUTO A/C	1999~2008		+	+		
LAN	1999~2008		+	+		

### MODEL CENTENNIAL / EQUUS(VI), GENERAL

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
ENGINE(GASOLINE)	2010~2011:3.8	+	+	+	+	1. PCM AUTO DETECTION RESET 2. PCM LOCK(MEC) SETTING
	2010~2011:4.6	+	+	+	+	1. RESET ALL ADAPTIVE VALUES
AT	2010~2011:3.8	+	+	+	+	1. RESETTING AUTO T/A VALUES
	2010~2011:4.6	+	+	+		1. RESETTING AUTO T/A VALUES 2. CLEAR CAN LEARNABLE STATUS
ABS/ESC	2010~2011	+	+	+		
ECS	2010~2011		+	+		
AHLS	2010~2011		+	+		
TPMS	2010~2011		+	+		
LDWS	2010~2011		+	+		
PSB	2010~2011		+	+		

SYSTEM	TYPE & YEAR	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	FUNCTIONS
EPB	2010~2011		+	+		
EPS	2010~2011		+	+		
SCC	2010~2011		+	+		
SRS-AIRBAG	2010~2011		+	+		
AFLS	2010~2011		+	+		
BCM-FAM,DDM,ADM,CLU,MFS,PSM,PT M,ECW,PDM,IPM,SCM,FBWS	2010~2011		+	+		
FULL AUTO A/C	2010~2011	+	+	+		
DIS-HU,TA	2010~2011		+	+		

#### Models equipped with Non OBD-II connector (12-pin connector)

SYSTEM	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION
<b>ENGINE*</b>	+	+	+	+
<b>AT</b>	+	+	+	+
<b>ABS</b>	+	+	+	+
<b>SRS-AIRBAG</b>	+	+	+	+

\* Model EXCEL(X2), 1990~1994, Engine and AT added

\* Model SCOUPE(L1), 1991~1996, Engine and AT added

\* Model SANTAMO(M2), 1997~2003 added

\* Model MARCIA(H1), 1996~1998, added

\* Model GRANDEUR(LX), 1989~1998, Engine and AT added

\* Some SIEMENS or BOSCH type Engine ECUs do not have any activation functions from dealers

\* ABS data stream and activation functions are supported depending on ECU type

\* SRS-AIRBAG data stream function is supported depending on ECU type