

Hyundai V41.00 Diagnostics List(Note:For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
	ATOS	ENGINE CONTROL GASOLINE			√	√	√	√	1.Configuration delete		
		ENGINE CONTROL LPG			√	√	√	√			
		AUTOMATIC TRANSAXLE SYSTEM				√	√	√	√		
		SEMI-AUTO(SAT)				√	√	√			
		ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed	
		SRS-AIRBAG			√	√	√	√			
	NEW CLICK	ENGINE CONTROL SYSTEM			√	√	√	√	√		
		ENGINE CONTROL DIESEL			√	√	√	√	√		
		AUTOMATIC TRANSAXLE SYSTEM				√	√	√	√		
		ANTI-LOCK BRAKE SYSTEM			√	√	√	√	√		
		ELEC.POWER STEERING			√	√	√	√			
	CLICK	ENGINE CONTROL SYSTEM			√	√	√	√	√		
		AUTOMATIC TRANSAXLE SYSTEM				√	√	√	√		
		ANTI-LOCK BRAKE SYSTEM			√	√	√	√	√		
		ELEC.POWER STEERING			√	√	√	√			
	VERNA(MC)	ENGINE			√	√	√	√	√		
		AUTOMATIC TRANSAXLE			√	√	√	√	√		
		ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed	
		SRS-AIRBAG			√	√	√	√			
		ELEC.POWER SREERING			√	√	√	√			
		FULL AUTO AIR/CON. SYSTEM			√	√	√	√	√		
		UNLEAD(CVVT)			√	√	√	√			

NEW VERNA	ENGINE CONTROL SYSTEM	UNLEAD(CVVT AMERICAN APPLICATION)			√	√	√			
		LEAN BURN			√	√	√			
	AUTOMATIC TRANSAXLE SYSTEM	UNLEAD			√	√	√	√		
		LEAN BURN			√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed	
SRS-AIRBAG			√	√	√	√				
VERNA	ENGINE CONTROL SYSTEM	UNLEAD 1.3L SOHC		√	√	√	√	√		
		UNLEAD 1.5L SOHC		√	√	√	√	√		
		UNLEAD 1.5L DOHC		√	√	√	√	√		
		LEAN BURN		√	√	√	√	√		
	AUTOMATIC TRANSAXLE SYSTEM				√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed	
	SRS-AIRBAG			√	√	√	√			
ACCENT	ENGINE CONTROL SYSTEM	UNLEAD 1.3 SOHC 95-97			√	√	√	√		
		UNLEAD 1.3 SOHC 98			√	√	√	√		
		UNLEAD 1.5 SOHC 95			√	√	√	√		
		UNLEAD 1.5 SOHC 96-98			√	√	√	√		
		UNLEAD 1.5 SOHC 95-97			√	√	√	√		
		UNLEAD 1.5 SOHC 98			√	√	√	√		
		UNLEAD 1.5 DOHC MAF			√	√	√	√		

		UNLEAD 1.5 DOHC MAP			√	√	√	√		
		LEAN BURN 1.5 DOHC 98-99			√	√	√	√		
		AUTOMATIC TRANSAXLE SYSTEM			√	√	√	√		
		ANTI-LOCK BRAKE SYSTEM			√	√	√			
		AIRBAG SYSTEM		√	√	√	√			
EXCEL		ENGINE CONTROL SYSTEM	ENGINE -SOHC		√	√	√			
		AUTOMATIC TRANSAXLE			√	√	√	√		
SCOUPE	ENGINE CONTROL SYSTEM	UNLEAD SOHC 91-92			√	√	√	√		
		UNLEAD SOHC 93-94			√	√	√	√		
		UNLEAD SOHC 95			√	√	√	√		
		UNLEAD SOHC TURBO 95			√	√	√	√		
		UNLEAD SOHC TURBO 92-94			√	√	√	√		
		AUTOMATIC TRANSAXLE SYSTEM			√	√	√	√		
LAVITA	ENGINE CONTROL SYSTEM	1.5L			√	√	√			
		1.8L			√	√	√			
		AUTOMATIC TRANSAXLE SYSTEM			√	√	√	√		
		ANTI-LOCK BRAKE SYSTEM			√	√	√	√	1.Air bleed	
		AIRBAG SYSTEM			√	√	√			
		TRACTION CONTROL SYSTEM			√	√	√	√		
I30	ENGINE CONTROL	GASOLINE		√	√	√	√	√		
		DIESEL		√	√	√	√	√		
		AUTOMATIC TRANSAXLE		√	√	√	√	√		
		ANTI LOCK BRAKE SYSTEM		√	√	√	√	√		
		SRS-AIRBAG		√	√	√	√			

	A/C			√	√	√	√	√			
	BODY CONTROL MODULE			√	√	√	√				
	EPS			√	√	√	√				
	SMK			√	√	√	√	√			
AVANTE HD	ENGINE CONTROL GASOLINE	1.6 CVVT		√	√	√	√	√			
		2.0 CVVT		√	√	√	√	√			
	ENGINE CONTROL DIESEL			√	√	√	√	√			
	AUTOMATIC TRANSAXLE	1.6 CVVT			√	√	√	√	√		
		2.0 CVVT			√	√	√	√	√		
		DIESEL			√	√	√	√	√		
	ANTI LOCK BRAKE SYSTEM			√	√	√	√	√			
	SRS-AIRBAG			√	√	√	√				
	A/C			√	√	√	√	√			
EPS			√	√	√	√					
BODY CONTROL MODULE			√	√	√	√					
NEW AVANTE XD	ENGINE CONTROL GASOLINE	1.5/1.6L				√	√	√	√	1.Idle Speed Adjustment	
		2.0L				√	√	√			
	ENGINE CONTROL DIESEL			√	√	√	√	√			
	AUTOMATIC TRANSAXLE	1.5/1.6 IMPROVED					√	√	√	√	
		2.0 NEW GENERATION					√	√	√	√	
		DIESEL			√	√	√	√	√	√	
ANTI-LOCK BRAKE SYSTEM					√	√	√	√	1.Air bleed		
SRS-AIRBAG					√	√	√				
AVANTE XD	ENGINE CONTROL SYSTEM	1.5 LEAN BURN				√	√	√			
		1.5 DOHC				√	√	√			
		2.0 CVVT AMERICAN APPLICATION					√	√	√		
		2.0 CVVT					√	√	√		
	1.5 IMPROVE MODEL					√	√	√	√		

	AUTOMATIC TRANSAXLE	1.5 IMPROVED MODEL			√	√	√	√		
		2.0 NEW CENERATION			√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed	
	SRS-AIRBAG				√	√	√			
	TRACTION CONTROL SYSTEM				√	√	√	√		
AVANTE	ENGINE CONTROL SYSTEM	UNLEAD 1.5 SOHC			√	√	√	√		
		UNLEAD 1.5 DOHC 96			√	√	√	√		
		UNLEAD 1.5 DOHC 97-98			√	√	√	√		
		UNLEAD 1.6-2.0 DOHC			√	√	√	√		
		LEAN BURN 99			√	√	√	√		
	AUTOMATIC TRANSAXLE SYSTEM	-1999			√	√	√	√		
		-2000			√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed	
SRS-AIRBAG				√	√	√				
ELANTRA	ENGINE CONTROL SYSTEM	SOHC			√	√	√	√		
		DOHC			√	√	√	√		
	AUTOMATIC TRANSAXLE				√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM				√	√	√			
SRS-AIRBAG				√	√	√				
TUSCANI	ENGINE CONTROL SYSTEM	2.0 CVVI AMERICAN APPLICATION		√	√	√	√	√		
		2.0 CVVI		√	√	√	√	√		
		2.7 V6 DOHC		√	√	√	√	√		
	AUTOMATIC TRANSAXLE			√	√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM			√	√	√	√	√	1.Air bleed	
	SRS-AIRBAG			√	√	√	√			
		UNLEAD 1.6-2.0			√	√	√	√		

TIBURON	ENGINE CONTROL SYSTEM	LEAD 1.6-2.0 DOHC			√	√	√	√		
	AUTOMATIC TRANSAXLE	-1999			√	√	√	√		
		2000-			√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM				√	√	√			
	SRS-AIRBAG	97-99MY			√	√	√			
99 F/LIFT			√	√	√	√				
SONATA(NF)	ENGINE CONTROL GASOLINE	2.0/2.4		√	√	√	√	√	1.Configuration delete 2.Version Configuration	
		2.0/2.4 +ETS		√	√	√	√	√	1.Configuration delete 2.Version Configuration	
		LEAD 3.0L		√	√	√	√	√		
		2.0/2.4(CAN)		√	√	√	√	√		
		2.0/2.4+ETC(CAN)		√	√	√	√	√		
		3.3 LEAD(CAN)		√	√	√	√	√		
	ENGINE CONTROL LPI	LPI(EMS ECU)		√	√	√	√	√	1.Configuration delete 2.Version Configuration	
		LPI(IFB ECU)		√	√	√	√	√		
	ENGINE CONTROL DIESEL			√	√	√	√	√		
	AUTOMATIC TRANSAXLE	2.0/2.4L		√	√	√	√	√		
		LEAD 3.0L		√	√	√	√	√		
		2.0/2.4(CAN)		√	√	√	√	√		
		3.3 LEAD(CAN)			√	√	√	√		
		DIESEL		√	√	√	√	√		

	ANTI-LOCK BRAKE SYSTEM		√	√	√	√	√			
	SRS-AIRBAG		√	√	√	√				
	FULL AUTO AIR/CON. SYSTEM		√	√	√	√	√			
	ELEC.POWER STEERING		√	√	√	√				
	ELEC.CONTROL SUSPENSION			√	√	√	√			
	BODY CONTROL MODELE	LANE SENSOR APPLICATION	√	√	√		√			
		LANE SENSOR AMERICAN APPLICATION	√	√	√		√			
EF SONATA	ENGINE CONTROL GASOLINE	1.8/2.0L DOHC	√	√	√	√	√			
		2.5 V6-DOHC		√	√	√	√			
	ENGINE CONTROL LPG	2.0 LPG SIRIUS	√	√	√	√	√			
		2.0 LPG(2002) BETA	√	√	√	√	√			
		2.0 LPG(2003) BETA	√	√	√	√	√			
	AUTOMATIC TRANSAXLE	1.8/2.0			√	√	√	√		
		2.5			√	√	√	√		
		CVT			√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM		√	√	√	√	√	1.Air bleed		
	SRS-AIRBAG		√	√	√	√				
TRACTION CONTROL SYSTEM			√	√	√	√				
SONATA III	ENGINE CONTROL GASOLINE	SOHC			√	√	√	√		
		DOHC			√	√	√	√		
	ENGINE CONTROL LPG		√	√	√	√	√			
	AUTOMATIC TRANSAXLE SYSTEM			√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM			√	√	√				
SRS-AIRBAG		√	√	√	√					
ENGINE CONTROL GASOLINE	SOHC			√	√	√	√			
	DOHC		√	√	√	√	√			
	V6-DOHC		√	√	√	√	√			

Korea

SONATA II	ENGINE CONTROL LPG		√	√	√	√	√			
	AUTOMATIC TRANSAXLE SYSTEM			√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM			√	√	√				
	AIRBAG SYSTEM		√	√	√	√				
SONATA	ENGINE CONTROL GASOLINE	SOHC	√	√	√	√	√			
		DOHC	√	√	√	√	√			
		V6-DOHC		√	√	√	√			
	ENGINE CONTROL LPG		√	√	√	√	√			
TG GRANDEUR(AZERA)	ENGINE CONTROL GASOLINE	2.7L/3.3L/3.8L KWP		√	√	√	√			
		2.4L CAN	√	√	√	√	√			
		3.3L/3.8L/ KOBD CAN	√	√	√	√	√			
		2.7 L KOBD CAN	√	√	√	√	√			
	ENGINE DIESEL	2.2 VGT EURO 4 DIE	√	√	√	√	√			
	ENGINE CONTROL LPG	LPI(EMS ECU)	√	√	√	√	√			
		LPI(IFB ECU)	√	√	√	√	√			
	AUTOMATIC TRANSAXLE SYSTEM	2.7L/3.3L/3.8L/LPI KWP			√	√	√	√		
		2.4L CAN	√	√	√	√	√	√		
		2.7L/3.3L/3.8L KOBD CAN			√	√	√	√		
		DIESEL(VGT)	√	√	√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM		√	√	√	√	√			
AIRBAG SYSTEM		√	√	√	√					
FULL ATUO AIR/CON.SYSTEM		√	√	√	√	√				
ELEC.POWER STEERING		√	√	√	√					
	BODY CONTROL MODULE		√	√	√	√	√			
	DRIVER DOOR MODULE(DDM)		√	√	√	√	√			

	BODY CONTROL MODULE	ASSIST DOOR MODULE(ADM)		√	√	√	√	√		
		IMS		√	√	√	√	√		
		TILT&TELESCOPE(TILT)		√	√	√	√	√		
		USER OPTION		√	√	√	√	√		
	SMART KEY SYSTEM	IFU		√	√	√	√	√		
		PIC		√	√	√	√	√		
		PIC		√	√	√	√	√		
AHLS SYSTEM			√	√	√	√				
NEW GRANDEUR XG	ENGINE CONTROL GASOLINE	2.0/2.5 GASOLINE		√	√	√	√	√		
		3.0+ETS GASOLINE		√	√	√	√	√		
	ENGINE CONTROL LPG/LPI	2.7 LPG		√	√	√	√	√		
		02 LPI(EMS ECU)		√	√	√	√	√	1.Configuration delete 2.Version Configuration	
		LPI(IFB ECU)		√	√	√	√	√		
	AUTOMATIC TRANSAXLE	2.0/2.5/2.7L		√	√	√	√	√		
		3.0L		√	√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM			√	√	√	√	√	1.Air bleed	
	SRS-AIRBAG			√	√	√	√			
	TRACTION CONTROL SYSTEM				√	√	√	√		
GRANDEUR XG	ENGINE CONTROL SYSTEM	2.0/2.5 GASOLINE			√	√	√	√		
		3.0+ETS GASOLINE			√	√	√	√		
	AUTOMATIC TRANSAXLE	2.0/2.5L		√	√	√	√	√		
		3.0L		√	√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√		
SRS-AIRBAG				√	√	√				
MARCIA	ENGINE CONTROL SYSTEM	DOHC			√	√	√	√		
		V6-DOHC			√	√	√	√		
	AUTOMATIC TRANSAXLE				√	√	√	√		

	ANTI-LOCK BRAKE SYSTEM				√	√	√			
	SRS-AIRBAG				√	√	√			
EQUUS	ENGINE CONTROL SYSTEM	3.0L		√	√	√				
		3.0L+ETS		√	√	√				
		3.5L+ETS		√	√	√				
		4.5L GDI			√	√				
		4.5L MPI		√	√	√				
		3.8L LAMDA		√	√	√				
	AUTOMATIC TRANSAXLE	3.0/3.5L		√	√	√				
		4.5L		√	√	√				
		3.8L LAMDA		√	√	√				
	VDC	MELCO TYPE			√	√				
		CTC TYPE(2009-)			√	√				
	ANTI-LOCK BRAKE SYSTEM	ITI TYPE		√	√	√				
		CTC TYPE(2009-)		√	√	√				
	SRS-AIRBAG	-2001 YEAR		√	√	√				
		-2002 YEAR		√	√	√				
	ECS	ECS			√	√	√	√		
		ACTIVE ECS					√	√		
	TCS	ITI TYPE			√	√	√	√		
		CTC TYPE(2009-)			√	√	√	√		
	AC				√	√	√	√		
EPS			√	√	√	√				
AHLS			√	√	√	√				
BODY	-2002(LAN)		√	√	√	√				
	2002(LAN)		√	√	√	√				
KEY						√	√			
NEW DYNASTY	ENGINE CONTROL GASOLINE	DOHC			√	√	√	√		
		V6-DOHC			√	√	√	√		
	ENGINE CONTROL LPG				√	√	√	√		
	AUTOMATIC TRANSAXLE SYSTEM				√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM	-2004			√	√	√			

DYNASTY	ANTI-LOCK BRAKE SYSTEM	2005-			√	√	√	√	1.Air bleed		
	AIRBAG SYSTEM	AIRBAG(OLD:98MY)		√	√	√	√				
		AIRBAG(NEW:98MY)		√	√	√	√				
DYNASTY	ENGINE CONTROL GASOLINE				√	√	√	√			
	ENGINE CONTROL LPG				√	√	√	√			
	AUTOMATIC TRANSAXLE SYSTEM				√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM				√	√					
	AIRBAG SYSTEM	AIRBAG(OLD:98MY)		√	√	√					
		AIRBAG(NEW:98MY)		√	√	√					
NEW GRANDEUR	ENGINE CONTROL GASOLINE	SOHC			√	√	√	√			
		DOHC			√	√	√	√			
		V6-SOHC			√	√	√	√			
		V6-DOHC			√	√	√	√			
	ENGINE CONTROL LPG				√	√	√	√			
	AUTOMATIC TRANSAXLE				√	√	√	√			
	ANIT-LOCK BRAKE SYSTEM	JAPAN ELECTROMOTION TYPE				√	√	√			
		LUCAS TYPE				√	√	√			
	AIRBAG SYSTEM	AIRBAG(OLD:98MY)		√	√	√	√				
		AIRBAG(NEW:98MY)		√	√	√	√				
GRANDEUR	ENGINE CONTROL GASOLINE	SOHC			√	√	√	√			
		V6-SOHC			√	√	√	√			
	ENGINE CONTROL LPG				√	√	√	√			
GRACE	ENGINE CONTROL GASOLINE				√	√	√	√			
	ENGINE CONTROL LPG				√	√	√	√			

LIBERO	ENGINE CONTROL GASOLINE			√	√	√	√	√			
	ENGINE CONTROL LPG				√	√	√	√			
	AUTOMATIC TRANSAXLE			√	√	√	√	√			
	ANIT-LOCK BRAKE SYSTEM			√	√	√	√	√	1.Air bleed		
	AIRBAG SYSTEM				√	√	√				
PORTER II	ENGINE CONTROL GASOLINE			√	√	√	√	√			
	ENGINE CONTROL LPG				√	√	√	√			
	AUTOMATIC TRANSAXLE			√	√	√	√	√			
	ANIT-LOCK BRAKE SYSTEM			√	√	√	√	√	1.Air bleed		
NEW PORTER	ENGINE CONTROL GASOLINE			√	√	√	√	√			
	ENGINE CONTROL LPG				√	√	√	√			
STAREX	Grand starex	ENGINE CONTROL		√	√	√	√	√			
		AUTOMATIC TRANSAXLE		√	√	√	√	√			
		ANIT-LOCK BRAKE SYSTEM		√	√	√	√	√			
		AIRBAG SYSTEM		√	√	√	√				
		AC		√	√	√	√	√			
		FUEL		√	√	√	√	√			
		BCM		√			√	√			
	before 2007	ENGINE CONTROL DIESEL			√	√	√	√	√		
		ENGINE CONTROL LPG				√	√	√	√		
		AUTOMATIC TRANSAXLE			√	√	√	√	√		
		ANIT-LOCK BRAKE SYSTEM			√	√	√	√	√	1.Air bleed	
AIRBAG SYSTEM				√	√	√	√				
TAXI	ENGINE CONTROL			√	√	√	√	√			
	AUTOMATIC TRANSAXLE				√	√	√	√			
	ENGINE CONTROL GASOLINE			√	√	√	√	√			
	ENGINE CONTROL DIESEL			√	√	√	√	√			

VERACURZ	ANTI-LOCK BRAKE SYSTEM		√	√	√	√	√			
	SRS-AIRBAG		√	√	√	√				
	AC		√	√	√	√	√			
	EPS		√	√	√	√				
	AHLS		√	√	√	√				
	4WD		√	√	√	√	√			
	BCM		√			√	√			
	SMART KEY		√	√	√	√	√			
	ELE. TAIL GATE		√	√	√	√				
TERRACAN	ENGINE CONTROL SYSTEM	2.5L (TCI)	√	√	√	√	√			
		2.9L	√	√	√	√	√			
		3.5L GASOLINE	√	√	√	√	√			
	ATUOMATIC TRANSAXLE	3.5L	√	√	√	√	√			
		2.5L	√	√	√	√	√			
		2.9L (-2003)	√	√	√	√	√			
		2.9L (2004-)	√	√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM			√	√	√	√	1.Air bleed		
	SRS-AIRBAG		√	√	√	√				
4WD CONTROL		√	√	√						
GALLOPER II	ENGINE CONTROL GASOLINE			√	√	√	√			
	ENGINE CONTROL DIESEL			√	√	√	√			
	ENGINE CONTROL LPG	LPG -99			√	√	√	√		
		LPG 2000 YEAR(3 GENERATION)			√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM	-2001			√	√	√	√	1.Air bleed	
		2001-			√	√	√	√	1.Air bleed	
SRS-AIRBAG		√	√	√	√					
GALLOPER	ENGINE CONTROL SYSTEM	SOHC		√	√	√	√			
		V6-SOHC		√	√	√	√			
	ENGINE CONTROL GASOLINE	SOHC		√	√	√	√			
		DOHC UNLEAD		√	√	√	√			
		DOHC 4WD		√	√	√	√			
		LPG -99	√	√	√	√	√			

SANTAMO	ENGINE CONTROL LPG	LPG 2000 YEAR(3 GENERATION)		√	√	√	√	√		
	AUTOMATIC TRANSAXLE				√	√	√	√		
	ANTI LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed	
	SRS-AIRBAG	-2001 2002-			√	√	√			
TRAJET XG	ENGINE CONTROL GASOLINE	2.0 DOHC			√	√	√	√		
		2.7 DOHC			√	√	√	√		
	ENGINE CONTROL DIESEL	WGT		√	√	√	√	√		
		VGT		√	√	√	√	√		
	ENGINE CONTROL LPG			√	√	√	√	√		
	AUTOMATIC TRANSAXLE			√	√	√	√	√		
	ANTI LOCK BRAKE SYSTEM			√	√	√	√	√	1.Air bleed	
	SRS-AIRBAG			√	√	√	√			
FUEL FIRED HEATER SYSTEM				√	√	√	√			
SANTAFE(C M)	ENGINE CONTROL				√	√	√	√		
	AUTOMATIC TRANSAXLE			√	√	√	√	√		
	ANIT-LOCK BRAKE SYSTEM			√	√	√	√	√	1.Air bleed	
	SRS-AIRBAG			√	√	√	√			
	ELEC.POWER STEERING			√	√	√	√			
	FULL AUTO AIR/CON. SYSTEM			√	√	√	√	√		
	BODY CONTROL MODULE			√			√	√		
	4WD CONTROL			√	√	√				
	SMART KEY SYSTEM			√	√	√	√	√		
AHLS SYSTEM			√	√	√	√				
SANTAFE	ENGINE CONTROL GASOLINE	2.0 DOHC		√	√	√	√	√		
		2.7 DOHC		√	√	√	√	√		
	ENGINE CONTROL DIESEL	WGT		√	√	√	√	√		
		VGT		√	√	√	√	√		
	ENGINE CONTROL LPG			√	√	√	√	√		
	AUTOMATIC TRANSAXLE			√	√	√	√	√		
	ANTI LOCK BRAKE SYSTEM	2WD		√	√	√	√	√	1.Air bleed	
		4WD			√	√	√	√	1.Air bleed	

		SRS AIRBAG		√	√	√	√			
		4WD CONTROL		√	√	√				
TUCSON	ENGINE CONTROL GASOLINE	2.0 WGT EURO 3 DIESEL		√	√	√	√	√		
		2.0 CVVT SIEMENS		√	√	√	√	√		
		2.0 EURO 4 DIESEL(CAN)		√	√	√	√	√		
		2.0 EURO 4 DIESEL(KWP)		√	√	√	√	√	1.Version Configuration	
	AUTOMATIC TRANSAXLE	AUTOMATIC TRANSAXLE(DIESEL)		√	√	√	√	√		
		2.0 WGT EURO 3 DIESEL		√	√	√	√	√		
		2.0 EURO 4 DIESEL(CAN)		√	√	√	√	√		
		2.0 CVVT SIEMENS		√	√	√	√	√		
		ANTI LOCK BRAKE SYSTEM			√	√	√	√	√	
		SRS-AIRBAG			√	√	√	√		
		4WD SYSTEM				√	√			
	BODY CONTROL MODULE	LANE SENSOR APPLICATION				√	√	√	√	
		LANE SENSOR AMERICAN APPLICATION				√	√	√	√	
	ATOS F_LIFT 04 ALL	ENGINE SYSTEM	UNLEAD GEN		√	√	√	√	√	
UNLEAD EOBD				√	√	√	√	√		
UNLEAD MEX				√	√	√	√	√		
LEAD ALL				√	√	√	√	√		
AUTOMATIC TRANSAXLE SYSTEM					√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed	

	SRS-AIRBAG			√	√	√	√			
ATOS F_LIFT 06 ALL	ENGINE SYSTEM	UNLEAD 1.0L GEN		√	√	√	√	√	1.Configuration delete	
		UNLEAD 1.1L GEN		√	√	√	√	√	1.Configuration delete	
		UNLEAD EOBD		√	√	√	√	√		
		UNLEAD MEX		√	√	√	√	√		
		LEAD 1.0L ALL		√	√	√	√	√	1.Configuration delete 2.Idle Speed Adjustment	
		LEAD 1.1L ALL		√	√	√	√	√	1.Idle Speed Adjustment	
	AUTOMATIC TRANSAXLE SYSTEM				√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM					√	√	√	√	1.Air bleed
	SRS-AIRBAG			√	√	√	√			
ATOS 1998- 2004	ENGINE L4-SOHC	UNLEAD GENERAL				√	√	√	√	
		UNLEAD EOBD				√	√	√		
		UNLEAD MEX					√	√	√	
		UNLEAD IMM					√	√	√	√
		LEAD ALL					√	√	√	√
		UNLEAD GENERAL (SANTRO)					√	√	√	√
		LEAD GENERAL (SANTRO)					√	√	√	√
	AUTOMATIC TRANSAXLE SYSTEM						√	√	√	√
	SAT SYSTEM									
	ANTI-LOCK BRAKE SYSTEM						√	√	√	√
	AIRBAG SYSTEM					√	√	√		
ENGINE(GASOLINE)	UNLEAD GEN					√	√	√		
	LEAD ALL					√	√	√		

GETZ 2003-2004		UNLEAD EOBD			√	√	√				
	ENGINE-DIESEL				√	√	√	√			
	AUTOMATIC TRANSAXLE				√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM		√	√	√	√	√				
	SRS AIRBAG				√	√	√				
	IMMOBILIZER	GASOLINE				√	√				
		DIESEL				√	√				
ELEC.POWER STEERING			√	√	√	√					
GETZ 2006	ENGINE (GASOLINE)	UNLEAD GEN		√	√	√	√	√			
		LEAD ALL		√	√	√	√	√	1.Idle Speed Adjustment		
		UNLEAD EOBD		√	√	√	√	√			
	ENGINE (DIESEL)			√	√	√	√	√			
	AUTOMATIC TRANSAXLE				√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM			√	√	√	√	√	1.Air bleed		
	SRS-AIRBAG			√	√	√	√	√			
ELEC.POWER STEERING			√	√	√	√					
ACCENT 2003-2004	ENGINE (GASOLINE)	UNLEAD GEN		√	√	√	√				
		LEAD ALL		√	√	√	√				
		UNLEAD EOBD		√	√	√	√				
		UNLEAD 03MY OBD-II		√	√	√	√				
		UNLEAD 04MY OBD-II		√	√	√	√	√			
	ENGINE-DIESEL	GENERAL				√	√	√	√		
		EOBD		√	√	√	√	√			
	AUTOMATIC TRANSAXLE				√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed		
	SRS-AIRBAG	SRE-LC/HMC		√	√	√	√				
SRE-SMART(DUAL.STAGE)			√	√	√	√					
IMMOBILIZER	GASOLINE					√					

	IMMOBILIZER	DIESEL				√			
ACCENT 2000-2002	ENGINE L4-SOHC	LEAD ALL			√	√	√	√	
		UNLEAD(GENERAL) ALL			√	√	√	√	
		UNLEAD(EOBD) ALL			√	√	√	√	
		UNLEAD(OBD-II) ALL			√	√	√	√	
		UNLEAD(GENERAL India)			√	√	√	√	
	ENGINE L4-DOHC	LEAD ALL			√	√	√	√	
		UNLEAD(GENERAL) ALL			√	√	√	√	
		UNLEAD(EOBD) ALL			√	√	√	√	
		UNLEAD(OBD-II) ALL			√	√	√	√	
		UNLEAD(GENERAL India)			√	√	√	√	
	ENGINE-DIESEL			√	√	√	√		
	AUTOMATIC TRANSAXLE			√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM			√	√	√	√	1.Air bleed	
	SRS-AIRBAG			√	√	√			
IMMOBILIZER	GASOLINE			√	√				
	DIESEL					√			
		UNLEAD 1.3L 95- 97MY GEN			√	√	√	√	
		UNLEAD 1.3L 95- 97MY IMM			√	√	√	√	
		UNLEAD 1.3L 98MY GEN			√	√	√	√	
		UNLEAD 1.3L 98MY IMM			√	√	√	√	

ACCENT
1995-1999

ENGINE L4-SOHC

ENGINE L4-DOHC

UNLEAD 1.5L 95MY			√	√	√	√		
UNLEAD 1.5L 95MY			√	√	√	√		
UNLEAD 1.5L IMM			√	√	√	√		
UNLEAD 1.5L 95- 97MY KOR			√	√	√	√		
UNLEAD 1.5L 98MY KOR			√	√	√	√		
LEAD 1.5L 95MY			√	√	√	√		
LEAD 1.5L 96- 99MY			√	√	√	√		
UNLEAD 96-97MY OBD-II			√	√	√	√		
UNLEAD 98-99MY OBD-II			√	√	√	√		
UNLEAD 1.5L 95- 97MY MAF			√	√	√	√		
UNLEAD 1.5L 97MY IMM			√	√	√	√		
UNLEAD 1.5L 98- 99MY IMM			√	√	√	√		
UNLEAD 1.5L 97- 98MY MAP			√	√	√	√		
UNLEAD 96-97MY OBD-II			√	√	√	√		
1.5L DOHC MAF			√	√	√	√		
1.5L DOHC MAP			√	√	√	√		
1.5L DOHC L/B			√	√	√	√		
1.3L SOHC ..97			√	√	√	√		
1.3L SOHC 98			√	√	√	√		
1.5L SOHC ..97			√	√	√	√		
1.5L SOHC 98			√	√	√	√		

	AUTOMATIC TRANSAXLE				√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM				√	√	√			
	SRS-AIRBAG				√	√	√			
EXCEL 1990-1994	ENGINE L4-SOHC	90-94MY			√	√	√	√		
		1.5L SOHC			√	√	√	√		
		1.5L SIEMENS			√	√	√	√		
	AUTOMATIC TRANSAXLE SYSTEM	90-94MY			√	√	√	√		
		1.5L SOHC			√	√	√	√		
		1.5L SIEMENS			√	√	√	√		
SCOUPE 1991-1996	ENGINE L4-SOHC	UNLEAD 94-96MY GEN			√	√	√	√		
		UNLEAD 92-94MY ALL			√	√	√	√		
		UNLEAD 91-92MY ALL			√	√	√	√		
		UNLEAD 94-96MY FED			√	√	√	√		
		UNLEAD 94-96MY CAL			√	√	√	√		
		LEAD 93-96MY ALL			√	√	√	√		
		SCOUPE LS			√	√	√	√		
		SCOUPE 91-92MY			√	√	√	√		
		SCOUPE 93-94MY			√	√	√	√		
		SCOUPE 95MY			√	√	√	√		
		SCOUPE RURBO 92-94MY			√	√	√	√		
	SCOUPE RURBO 95MY			√	√	√	√			
	ENGINE L4-DOHC TRUBO	UNLEAD 94-96MY ALL			√	√	√	√		
		UNLEAD 92-94MY ALL			√	√	√	√		

		UNLEAD 92MY KOR			√	√	√	√			
	AUTOMATIC TRANSAXLE				√	√	√	√			
MATRIX 2002-2004	ENGINE(GASOLINE)	LEAD 1.6L ALL			√	√	√				
		UNLEAD 1.6L GEN			√	√	√				
		UNLEAD 1.6L EOBD			√	√	√				
		LEAD 1.8L ALL			√	√	√	√			
		UNLEAD 1.8L GEN		√	√	√	√	√	1.Configuration delete 2.Idle Speed Adjustment		
		UNLEAD 1.8L EOBD		√	√	√	√	√	1.Configuration delete 2.Idle Speed Adjustment		
	ENGINE(DIESEL)	GENERAL				√	√	√	√		
		EOBD				√	√	√	√		
	AUTOMATIC TRANSAXLE			√	√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed		
SRS-AIRBAG				√	√	√					
FI ANTRA	ENGINE(GASOLINE)	LEAD 1.6L ALL			√	√	√	√			
		UNLEAD 1.6L GEN			√	√	√	√			
		UNLEAD 1.6L EOBD			√	√	√	√			
		LEAD 1.8/2.0L ALL			√	√	√	√			
		UNLEAD 1.8/2.0L(- CVVT) GEN			√	√	√	√			
		UNLEAD 1.8/2.0L(+CVVT) GEN			√	√	√	√			

ELANTRA
2004-2005

	ULLEAD 1.8/2.0L(CVVT) EOBD			√	√	√	√		
	UNLEAD 2.0L(CVVT) OBD-II			√	√	√	√		
ENGINE(DIESEL)				√	√	√	√		
AUTOMATIC TRANSAXLE	1.6L			√	√	√	√		
	1.8/2.0L(SIEMENS PCM)		√	√	√	√	√		
ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed	
SRS-AIRBAG				√	√	√			

ELANTRA
2001-2003

ENGINE(GASOLINE)	LEAD 1.6L ALL			√	√	√	√		
	UNLEAD 1.6L GEN			√	√	√	√		
	UNLEAD 1.6L EOBD			√	√	√	√		
	LEAD 1.8/2.0L ALL			√	√	√	√		
	UNLEAD 1.8/2.0L GEN			√	√	√	√		
	UNLEAD 1.8/2.0L EOBD			√	√	√	√		
	UNLEAD 2.0L(- SULEV) OBD			√	√	√	√		
	UNLEAD 2.0L(SULEV) OBD			√	√	√	√		
ENGINE(DIESEL)				√	√	√	√		
AUTOMATIC TRANSAXLE	1.6L			√	√	√	√		
	1.8/2.0L(MELCO TCM)			√	√	√	√		
	1.8/2.0L(SIEMENS PCM)			√	√	√	√		
ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed	
SRS-AIRBAG				√	√	√			
	UNLEAD 1.5L GEN			√	√	√	√		

ELANTRA 1996-2000	ENGINE L4-SOHC	UNLEAD 1.5L IMM			√	√	√	√			
		LEAD 1.5L ALL			√	√	√	√			
	ENGINE L4-DOHC	UNLEAD 1.5L 96MY KOR			√	√	√	√			
		UNLEAD 1.5L 97- 98MY KOR			√	√	√	√			
		UNLEAD 1.6-2.0L GEN			√	√	√	√			
		UNLEAD 1.6-2.0L IMM			√	√	√	√			
		LEAD 1.6-2.0L ALL			√	√	√	√			
		UNLEAD 96MY OBD-II			√	√					
		UNLEAD 97MY OBD-II			√	√					
		UNLEAD 98MY OBD-II			√	√					
		UNLEAD 99-00MY OBD-II			√	√					
		AUTOMATIC TRANSAXLE	-99MY(A4BF1)			√	√	√			
	2000MY(A4BF2)				√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√		1.Air bleed	
SRS-AIRBAG				√	√	√					
ELANTRA 1992-1995	ENGINE L4-SOHC				√	√	√	√			
	ENGINE L4-DOHC				√	√	√	√			
	AUTOMATIC TRANSAXLE SYSTEM				√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM				√	√	√				
	AIRBAG SYSTEM				√	√	√				
		LOAD 1.6L ALL			√	√	√				
		UNLEAD 1.6L GEN			√	√	√				
		UNLEAD 1.6L EOBD			√	√	√				

HD COUPE
2002-2004

ENGINE

LEAD 2.0L ALL			√	√	√	√		
UNLEAD 2.0L(- CVVT) GEN			√	√	√	√		
UNLEAD 2.0L(+CVVT) GEN			√	√	√	√		
UNLEAD 2.0L(- CVVT) EOBD			√	√	√	√		
UNLEAD 2.0L(+CVVT) EOBD			√	√	√	√		
UNLEAD 2.0L(- CVVT) OBD-II			√	√	√	√		
UNLEAD 2.0L(CVVT) OBD-II			√	√	√	√		
LEAD 2.7L ALL			√	√	√	√		
UNLEAD 2.7L GEN			√	√	√	√		
UNLEAD 2.7L(TI) EOBD			√	√	√	√		
UNLEAD 2.7L(ZR) EOBD			√	√	√	√		
UNLEAD 2.7L(TI) OBD-II			√	√	√	√		
UNLEAD 2.7L(ZR) OBD-II			√	√	√	√		
AUTOMATIC TRANSXALE			√	√	√	√		
ANTI-LOCK BRAKE SYSTEM			√	√	√	√	1.Air bleed	
SRS-AIRBAG		√	√	√				
TRACTION CONTROL SYSTEM			√	√	√	√		
AHLS SYSTEM		√	√	√	√			
ENGINE L4-DOHC								
UNLEAD 1.6-2.0L GEN			√	√	√	√		
UNLEAD 1.6-2.0L IMM			√	√	√	√		
LEAD 1.6-2.0L ALL			√	√	√	√		

HD COUPE 1997-2001		EOBD 2001MY					√				
		OBD-II 97MY					√				
		OBD-II 98MY					√				
		OBD-II 99-00MY					√				
	AUTOMATIC TRANSAXLE	97-99MY			√	√	√	√			
		2000MY			√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√		1.Air bleed	
	SRS-AIRBAG	97-99MY			√	√	√				
2000MY			√	√	√	√	√				
SONATA 2005-2006	ENGINE GASIONE	2.0/2.4L		√	√	√	√	√		1.Configuration delete 2.Version Configuration	
		2.0/2.4L +ETC		√	√	√	√	√		1.Configuration delete 2.Version Configuration	
		LEAD 3.0L				√	√	√	√		
		2.0/2.4(CAN)		√	√	√	√	√			
		2.0/2.4L +ETC(CAN)		√	√	√	√	√			
		3.3 LEAD(CAN)		√	√	√	√	√			
	ENGINE DIESEL	ENGINE CONTROL DIESEL		√	√	√	√	√			
		2.0L VGT EURO (DIESEL)		√	√	√	√	√			
	ENGINE LPG	2.0 LPI(EMS ECU)		√	√	√	√	√		1.Configuration delete 2.Version Configuration	

SONATA
1999-2004

		2.0 LPI(IFB ECU)		√	√	√	√	√		
	AUTOMATIC TRANSAXLE SYSTEM	2.0/2.4L		√	√	√	√	√		
		LEAD 3.0L		√	√	√	√	√		
		2.0/2.4(CAN)		√	√	√	√	√		
		3.3 LEAD(CAN)			√	√	√	√		
		DIESEL		√	√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM			√	√	√	√	√		
	AIRBAG SYSTEM			√	√	√	√	√		
	ELEC.CONTROL SUSPENSION				√	√	√	√		
	ELEC.POWER STEERING			√	√	√	√			
	FULL AUTO AIR/CON. SYSTEM			√	√	√	√	√		
	BODY CONTROL MODELE				√	√		√		
	ENGINE L4-DOHC	UNLEAD GEN		√	√	√	√	√		
		UNLEAD IMM		√	√	√	√	√		
		LEAD ALL		√	√	√	√	√		
		UNLEAD EOBD		√	√	√	√	√		
		UNLEAD OBD-II		√	√	√	√	√		
		LPG(~2002) ALL		√	√	√	√	√		
		LPG(~2003-) ALL		√	√	√	√	√		
	ENGINE V6-DOHC	UNLEAD GEN(india)		√	√	√	√	√		
		UNLEAD GEN		√	√	√	√	√		
		O2 UNLEAD IMM		√	√	√	√	√		
		LEAD ALL		√	√	√	√	√		
		UNLEAD(TI O2S) EOBD		√	√	√	√	√		
		UNLEAD(ZR O2S) EOBD		√	√	√	√	√		
		UNLEAD(TI O2S) OBD-II		√	√	√	√	√		
	UNLEAD(ZR O2S) OBD-II		√	√	√	√	√			

	UNLEAD GEN(india)		√	√	√	√	√		
AUTOMATIC TRANSAXLE			√	√	√	√	√		
ANTI-LOCK BRAKE SYSTEM	CTC TYPE(99- 02MY)		√	√	√	√	√	1.Air bleed	
	BOSCH TYPE(03MY-)		√	√	√	√	√	1.Air bleed	
	ABS (India)		√	√	√	√	√	1.Air bleed	
SRS-AIRBAG	1999-2001MY		√	√	√	√			
	F/LIFT		√	√	√	√			
	SRS (India)		√	√	√	√			
TRACTION CONTROL SYSTEM	CTC TYPE (99- 02MY)			√	√	√	√		
	BOSCH TYPE(03MY-)			√	√	√	√		
AHLS SYSTEM			√	√	√	√			
ENGINE L4-SOHC	UNLEAD 1.8L ALL			√	√	√	√		
	UNLEAD 2.0L ALL			√	√	√	√		
	LEAD 1.8L ALL			√	√	√	√		
	LEAD 2.0L ALL			√	√	√	√		
	OBD-II 97MY			√	√	√	√		
	OBD-II 98MY			√	√	√	√		
	SONATA SOHC			√	√	√	√		
	SONATA II 1.8L SOHC			√	√	√	√		
	SONATA II 2.0L SOHC			√	√	√	√		
	SONATA III 1.8L SOHC			√	√	√	√		
	SONATA III 2.0L SOHC			√	√	√	√		
		UNLEAD 1.8L ALL			√	√	√	√	
	UNLEAD 2.0L ALL			√	√	√	√		

Non
Korea

SONATA 1994-1998	ENGINE L4-DOHC	LEAD 2.0L ALL			√	√	√	√		
		OBD-II 97MY			√	√	√	√		
		OBD-II 98MY			√	√	√	√		
		SONATA DOHC GOLD			√	√	√	√		
		SONATA II 1.8L DOHC			√	√	√	√		
		SONATA II 2.0L DOHC			√	√	√	√		
		SONATA III 1.8L SOHC			√	√	√	√		
		SONATA III 2.0L DOHC			√	√	√	√		
		OLD SONATA			√	√	√	√		
	ENGINE V6-SOHC	UNLEAD 3.0L ALL			√	√	√	√		
		LEAD 3.0L ALL			√	√	√	√		
		OBD-II 97MY			√	√	√	√		
		OBD-II 98MY			√	√	√	√		
	AUTOMATIC TRANSAXLE			√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM			√	√	√				
	STS-AIRBAG			√	√	√				
	SONATA 1989-1993	ENGINE L4-SOHC			√	√	√	√		
		ENGINE L4-DOHC			√	√	√	√		
		ENGINE V6-SOHC			√	√	√	√		
AUTOMATIC TRANSAXLE				√	√	√	√			
	ENGINE L4-SOHC			√	√	√	√			
	ENGINE L4-DOHC			√	√	√	√			
	ENGINE V6-SOHD			√	√	√	√			
	ENGINE V6-DOHC			√	√	√	√			
	AUTOMATIC TRANSAXLE			√	√	√	√			
	ANIT-LOCK BRAKE SYSTEM			√	√	√				
	GRANDEUR (94-98MY)			√	√	√				

GRANDEUR
1994-1998

	NEW 2.0L DOHC	OLD AIRBAG		✓	✓	✓			
		NEW AIRBAG		✓	✓	✓			
	NEW 2.4L SOHC	OLD AIRBAG		✓	✓	✓			
SRS-AIRBAG		NEW AIRBAG		✓	✓	✓			
	NEW 2.5L DOHC	OLD AIRBAG		✓	✓	✓			
		NEW AIRBAG		✓	✓	✓			
	NEW 3.0L SOHC	OLD AIRBAG		✓	✓	✓			
		NEW AIRBAG		✓	✓	✓			
	NEW 3.0L DOHC	OLD AIRBAG		✓	✓	✓			
		NEW AIRBAG		✓	✓	✓			
	NEW 3.5L DOHC	OLD AIRBAG		✓	✓	✓			

			NEW AIRBAG		√	√	√				
GRANDEUR 1983-1993	ENGINE L4-SOHC				√	√	√	√			
	ENGINE V6-SOHC				√	√	√	√			
	AUTOMATIC TRANSAXLE				√	√	√	√			
XG 1999- 2004	ENGINE L4-SOHC	LEAD ALL		√	√	√	√	√			
		LEAD(+ETS) ALL			√	√	√	√			
		UNLEAD GEN		√	√	√	√	√			
		UNLEAD(+ETS) GEN			√	√	√	√			
		UNLEAD(TI O2S) IMM		√	√	√	√	√			
		UNLEAD(ZR O2S) IMM			√	√	√	√			
		UNLEAD(+ETS) IMM		√	√	√	√	√			
		UNLEAD(+ETS) OBD-II		√	√	√	√	√			
	AUTOMATIC TRANSAXLE	2.0/2.5L				√	√	√	√		
		3.0/3.5L				√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM			√	√	√	√	√		1.Air bleed	
	SRS-AIRBAG	-2002MY			√	√	√	√			
		F/LIFT				√	√	√			
TRACTION CONTROL SYSTEM					√	√	√	√			
ECS					√	√	√	√			
AHLS SYSTEM				√	√	√	√				
ENGINE	UNLEAD 3.3L GEN				√	√	√	√			
	UNLEAD 3.3. EOBD				√	√	√	√			
	LEAD (+ETS) ALL				√	√	√	√			
AUTOMATIC TRANSAXLE					√	√	√	√			
ANTI-LOCK BRAKE SYSTEM				√	√	√	√	√			

TG GRANDEUR	SRS-AIRBAG	NOMORAL		√	√	√	√	√			
		NATIONAL AVIGATION AND SPACEFLIGHT STANDARD [AMERICA]		√	√	√	√	√			
	ELEC.POWER SREERING			√	√	√	√	√			
	FULL AUTO AIR/CON.			√	√	√	√	√			
	BODY CONTROL MODULE			√	√	√	√	√			
	SMART KEY SYSTEM	INTERFACE UINT			√	√	√	√	√		
		SMART KEY UNIT			√	√	√	√	√		
AHLS SYSTEM				√	√	√	√				
MARCIA 1996-1998	ENGINE L4-DOHC	MARCIA (96-98MY)			√	√	√	√			
	ENGINE V6-DOHC				√	√	√	√			
	ATUOMATIC TRANSAXLE	MARCIA (96-98MY)			√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM	MARCIA (96-98MY)			√	√	√				
	SRS-AIRBAG	MARCIA (96-98MY)			√	√	√				
ENGINE	UNLEAD 3.0L ALL				√	√	√	√			
	UNLEAD 3.0L(+ETS) ALL				√	√	√	√			
	UNLEAD 3.5L(+ETS) GEN				√	√	√	√			
	UNLEAD 3.5L(+ETS) EOBD				√	√	√	√			
	LEAD 3.5L(+ETS) ALL				√	√	√	√			
	UNLEAD 4.5L GDI ALL				√	√	√	√			

CENTENNIAL 2000-2004		UNLEAD 4.5L(+ETS) OBD-II			√	√	√	√		
		UNLEAD 4.5L MPI GEN			√	√	√	√		
		UNLEAD 4.5L MPI EOBD			√	√	√	√		
		UNLEAD 4.5L MPI OBD-II			√	√	√	√		
		LEAD 4.5L MPI ALL			√	√	√	√		
	AUTOMATIC TRANSAXLE	3.0/3.5L		√	√	√	√	√		
		4.5L		√	√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM	ITT TYPE			√	√	√	√		1.Air bleed
		CTC TYPE(2009~)			√	√	√	√		1.Air bleed
	SRS-AIRBAG	-2001MY(SDM- GH)			√	√	√			
		2002MY-(SRE- SMART)			√	√	√			
	VDC	MELCO TYPE								
		CTC TYPE(2009~)			√	√	√	√		1.Air bleed
		ITT TYPE			√	√	√	√		
	TRACTION CONTROL SYSTEM	CTC TYPE(2009~)			√	√	√	√		
	07.ECS	ECS			√	√	√	√		
		ACTIVE ECS					√	√		
	AC				√	√	√	√		
	LAN			√	√	√	√	√		
	AHLS SYSTEM			√	√	√	√			
H-100 1994- 2001	ENGINE L4-SOHC	UNLEAD 94-96MY ALL			√	√	√	√		
		UNLEAD 97- 2000MY			√	√	√	√		
		LEAD 94-96MY ALL			√	√	√	√		
		LEAD 97-2000MY			√	√	√	√		

		LEAD 97-98MY M.E			√	√	√	√			
		DIESEL			√	√	√	√			
H100-TRUCK 1997-2004	ENGINE L4-SOHC	GASOLINE			√	√	√	√			
		DIESEL			√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM			√	√	√	√	√	1.Air bleed		
H100-TRUCK 2004-	ENGINE				√	√	√	√			
	AUTOMATIC TRANSAXLE				√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed		
H-1 1998- 2004	ENGINE-GASOLINE 2000MY~	UNLEAD 2.4L GEN			√	√	√	√			
		UNLEAD 2.4L EOBD			√	√	√	√			
		LEAD 2.4L ALL			√	√	√	√			
	ENGINE-GOSOLINE ~2000MY				√	√	√	√			
	ENGINE DIESEL	T/CHARGER(COVE C-F)				√	√	√	√		
		T/C INTERCOOLER(COV EC)				√	√	√	√		
		CRDI(A-ENG)				√	√	√	√		
		CRDI(A-ENG)/LIFT		√		√	√	√	√		
	ENGINE FBM				√	√	√	√			
	AUTOMATIC TRANSAXLE				√	√	√	√			
	ANTI LOCK BRAKE SYSTEM	2WD				√	√	√	√	1.Air bleed	
		4WD				√	√	√	√	1.Air bleed	
	SRS AIRBAG				√	√	√				
	FUEL FIRED HEATER					√	√	√	√		
H-1 TRUCK 2001-2003	ENGINE DIESEL			√	√	√	√	√			
	AUTOMATIC TRANSAXLE				√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed		
	SRS AIRBAG				√	√	√				
		LEAD ALL			√	√	√	√			

SANTAFE
2001-2004

ENGINE 2.0/2.4L(GASOLINE)	UNLEAD GEN		√	√	√	√	√		
	UNLEAD 2.0L EOBD		√	√	√	√	√		
	UNLEAD 2.4L EOBD		√	√	√	√	√		
	UNLEAD OBD-II		√	√	√	√	√		
ENGINE 2.7L(GASOLINE)	LEAD ALL		√	√	√	√	√	1.Idle Speed Adjustment	
	UNLEAD(TI O2S) GEN		√	√	√	√	√		
	UNLEAD(ZR O2S) GEN		√	√	√	√	√	1.Configuration delete 2.Version Configuration	
	UNLEAD(TI O2S) EOBD		√	√	√	√	√		
	UNLEAD(ZR O2S) EOBD		√	√	√	√	√	1.Read FreezeFrame Data	
	UNLEAD(TI O2S) OBD-II		√	√	√	√	√	1.Read FreezeFrame Data	
	UNLEAD(ZR O2S) OBD-II		√	√	√	√	√	1.Read FreezeFrame Data	
ENGINE(DIESEL)	WGT GENERAL		√	√	√	√	√		
	WGT EOBD		√	√	√	√	√		
	VGT ALL		√	√	√	√	√		
AUTOMATIC TRANSAXLE		√	√	√	√	√			
ANTI-LOCK BRAKE SYSTEM	2WD		√	√	√	√	√	1.Air bleed	
	4WD			√	√	√	√	1.Air bleed	
SRS_AIRBAG	GENERAL		√	√	√	√			

	SRS-AIRBAG	NAS		√	√	√	√				
	07.TRACTION CONTROL SYSTEM				√	√	√	√			
	4WD CONTROL			√	√	√					
TRAJET XG 2001-2004	ENGINE 2.0L(GASOLINE)	LEAD ALL			√	√	√	√			
		UNLEAD GEN			√	√	√	√			
		UNLEAD EOBD			√	√	√	√			
	ENGINE 2.7L(GASOLINE)	LEAD ALL			√	√	√	√			
		LEAD(F/LIFT) ALL		√	√	√	√	√			
		UNLEAD GEN			√	√	√	√			
		UNLEAD(ZR 02S) GEN		√	√	√	√	√			
		UNLEAD(TI 02S) EOBD			√	√	√	√			
	UNLEAD(ZR 02S) EOBD				√	√	√	√			
	ENGINE(DIESEL)	WGT				√	√	√	√		
		VGT				√	√	√	√		
	ENGINE(LPG)			√	√	√	√	√			
	AUTOMATIC TRANSAXLE	2.0(MELCO)/2.7			√	√	√	√	√		
		2.0(SIEMENS)			√	√	√	√	√		
DIESEL				√	√	√	√	√			
ANTI-LOCK BRAKE SYSTEM			√	√	√	√	√		1.Air bleed		
SRS-AIRBAG			√	√	√	√					
FUEL FIRED HEATER				√	√	√	√				
TAXI 1994- 2001	ENGINE L4-SOHC FBM				√	√	√	√			
	AUTOMATIC TRANSAXLE				√	√	√	√			
		2.5L DIESEL(TCI)		√	√	√	√	√			
		2.9L DIESEL(C/RAIL)		√	√	√	√	√			
		UNLEAD 3.5L GEN		√	√	√	√	√		1.Read FreezeFrame Data	

TERRACAN 2001-2004	ENGINE	UNLEAD 3.5L EOBD		√	√	√	√	√	1.Read FreezeFrame Data	
		UNLEAD 3.5L OBD-II		√	√	√	√	√	1.Read FreezeFrame Data	
		LEAD 3.5L ALL		√	√	√	√	√	1.Read FreezeFrame Data	
	AUTOMATIC TRANSAXLE			√	√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed	
	SRS-AIRBAG			√	√	√	√			
	4WD CONTROL			√	√	√				
GALLOPER-II ALL	ENGINE V6-SOHC	UNLEAD 3.0L GEN			√	√	√	√		
		UNLEAD 3.0L IMM/ME				√	√	√	√	
		LEAD 3.0L GEN				√	√	√	√	
		LEAD 3.0L IMM				√	√	√	√	
		DIESEL(COVEC-F)				√	√	√	√	
	ENGINE SYSTEM LPG	LPG ~1999MY		√	√	√	√	√		
		LPG 2000MY		√	√	√	√	√		
	AUTOMATIC TRANSAXLE				√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM	~2000MY				√	√	√	√	
2001MY BOSCH					√	√	√	√	1.Air bleed	
SRS-AIRBAG				√	√	√				
SANTAMO ALL	ENGINE L4-SOHC	UNLEAD 2.0L ALL			√	√	√	√		
		LEAD 2.0L ALL				√	√	√	√	
	ENGINE L4-DOHC	UNLEAD 2.0L ALL				√	√	√	√	
		LEAD 2.0L ALL				√	√	√	√	
	ENGINE LPG		√	√	√	√				
	AUTOMATIC TRANSAXLE				√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed	
SRS-AIRBAG				√	√	√				

GALLOPER ALL	ENGINE SYSTEM	2.4L SOHC			√	√					
		3.4L SOHC			√	√					
AVANTE 2004-2005	ENGINE(GASOLINE)				√	√	√	√			
	AUTOMATIC TRANSAXLE				√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed		
	SRS-AIRBAG				√	√	√				
	TRACTION CONTROL SYSTEM				√	√	√	√			
AVANTE 2001-2003	ENGINE				√	√	√	√			
	AUTOMATIC TRANSAXLE				√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed		
	SRS-AIRBAG				√	√	√				
	TRACTION CONTROL SYSTEM				√	√	√	√			
AVANTE 1996-2000	ENGINE L4-SOHC	UNLEAD 1.5L GEN			√	√	√	√			
	ENGINE L4-DOHC	UNLEAD 1.5L 96MY KOR				√	√	√	√		
		UNLEAD 1.5L 97- 98MY KOR				√	√	√	√		
		UNLEAD 1.6-2.0L GEN				√	√	√	√		
		UNLEAD 96MY OBD-II				√	√	√	√		
		UNLEAD 97MY OBD-II				√	√	√	√		
		UNLEAD 98MY OBD-II				√	√	√	√		
		UNLEAD 99-00MY OBD-II				√	√	√	√		
		AUTOMATIC TRANSAXLE	-99MY(A4BF1)				√	√	√	√	
	2000MY(A4BF2)					√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed		
	SRS-AIRBAG				√	√	√				
	TRACTION CONTROL SYSTEM				√	√	√	√			
			DYNASTY 2.5L			√	√	√	√		

DYNASTY ALL	ENGINE SYSTEM	DYNASTY 3.0L			√	√	√	√		
		DYNASTY 3.5L			√	√	√	√		
	AUTOMATIC TRANSAXLE SYSTEM	DYNASTY 2.5L			√	√	√	√		
		DYNASTY 3.0L			√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM	DYNASTY 3.5L			√	√	√	√		
		DYNASTY 2.5L			√	√	√	√		
		DYNASTY 3.0L			√	√	√	√		
	AIRBAG SYSTEM	DYNASTY 3.5L			√	√	√	√		
		DYNASTY 2.5L			√	√	√	√		
DYNASTY 3.0L				√	√	√	√			
TIBURON ALL	ENGINE SYSTEM				√	√	√	√		
	AUTOMATIC TRANSAXLE SYSTEM				√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√		
	AIRBAG SYSYTEM				√	√	√	√		
ATOZ ALL	ENGINE SYSTEM				√	√	√	√		
	AUTOMATIC TRANSAXLE SYSTEM				√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√		
	AIRBAG SYSYTEM				√	√	√	√		
GRANDEUR	ENGINE SYSTEM	GRANDEUR XG 2.0/2.5L			√	√	√	√		
		GRANDEUR XG 3.0L			√	√	√	√		
	AUTOMATIC TRANSAXLE SYSTEM	GRANDEUR XG 2.0/2.5L			√	√	√	√		
		GRANDEUR XG 3.0L			√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM	GRANDEUR XG 2.0/2.5L			√	√	√	√		
		GRANDEUR XG 3.0L			√	√	√	√		

XG ALL	AIRBAG SYSTEM	GRANDEUR XG 2.0/2.5L			√	√	√			
		GRANDEUR XG 3.0L			√	√	√			
	ELEC.CONTROL SUSPENSION	GRANDEUR XG 2.0/2.5L			√	√	√	√		
		GRANDEUR XG 3.0L			√	√	√	√		
	TRACTION AIR/CON SYSTEM	GRANDEUR XG 2.0/2.5L			√	√	√	√		
		GRANDEUR XG 3.0L			√	√	√	√		
EQUUS	ENGINE SYSTEM	3.0L		√	√	√	√	√		
		3.0L +ECS		√	√	√	√	√		
		3.5L +ECS		√	√	√	√	√		
		3.8L			√	√	√	√		
		4.5L GDI		√	√	√	√	√		
		4.5L MPI		√	√	√	√	√		
	AUTOMATIC TRANSAXLE SYSTEM	3.3/3.5L		√	√	√	√	√		
		3.8L			√	√	√	√		
		4.5L		√	√	√	√	√		
	VDC SYSTEM	MELCO			√	√	√	√		
		CTC TYPE(2009-)		√	√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM	ITI TYPE			√	√	√	√	1.Air bleed	
		CTC TYPE			√	√	√	√	1.Air bleed	
	AIRBAG SYSTEM	2002 MY (SRE- SMART)		√	√	√	√			
	ECS	ECS			√	√	√	√		
		ACTIVE ECS					√	√		
	TCS	ITI TYPE			√	√	√	√		
		CTC TYPE(2009-)			√	√	√	√		
	AC				√	√	√	√		
	EPS			√	√	√	√			

	AHLS			√	√	√	√			
	BODY	-2002(LAN)		√	√	√	√			
		2002(LAN)		√	√	√	√			
	KEY						√	√		
TUSCON 2004-2005	ENGINE(GASOLINE)	LEAD 2.0L GEN			√	√	√	√		
		UNLEAD 2.0L EOBD			√	√	√	√		
		UNLEAD 2.0L OBD-II			√	√	√	√		
		LEAD 2.0L ALL			√	√	√	√		
		UNLEAD 2.7L GEN			√	√	√	√		
		ULLEAD 2.7L EOBD			√	√	√	√		
		ULLEAD 2.7L OBD-II			√	√	√	√		
	UNLEAD 2.7L ALL			√	√	√	√			
	ENGINE(DIESEL)				√	√	√	√		
	AUTOMATIC TRANSAXLE	2.0/2.7L (MELCO TCM)			√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed	
	SRS-AIRBAG	GENERAL NATIONAL AVIGATION AND SPACEFLIGHT STANDARD [AMERICA]			√	√	√			
					√	√	√			
4WD				√	√					
07.FULL AUTO AIR/CON. SYSTEM				√	√	√	√			
ETACS	GENERAL			√			√	√		
	NAS			√			√	√		
	CHINA(JMC)			√			√	√		
ENGINE				√	√	√	√	√		
AUTOMATIC TRANSAXLE				√	√	√	√	√		

VERNA	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed	
	SRS-AIRBAG			√	√	√	√			
	ELEC.POWER SREERING			√	√	√	√			
	FULL AUTO AIR/CON. SYSTEM			√	√	√	√	√		

(*):Tested;
 (?):Manual on website(www.x431.com)
 Note:The final interpretation of the products belongs to LAUNCH TECH CO.,LTD.