

Hyundai **V45.00** 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			√	√	√	√	√	
	ENGINE CONTROL SYSTEM	UNLEAD(CVVT)			√	√	√	√		
		UNLEAD(CVVT AMERICAN APPLICATION)			√	√	√			

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Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
NEW VERNA			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		√	√	√	√						
EXCEFI		ENGINE CONTROL SYSTEM	ENGINE -SOHC		√	√	√				

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Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
	EACEL	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			√	√	√	√	√	
		ENGINE CONTROL GASOLINE	1.6 CVVT		√	√	√	√	√	
			2.0 CVVT		√	√	√	√	√	
		ENGINE CONTROL DIESEL			√	√	√	√	√	

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Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
AVANTE HD	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			√	√	√			
	AUTOMATIC TRANSAXLE	1.5 IMPROVE MODEL			√	√	√	√		
		1.5 IMPROVED MODEL			√	√	√	√		
		2.0 NEW CENERATION			√	√	√	√		

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				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
		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 CVT AMERICAN APPLICATION		√	√	√	√	√	
2.0 CVT				√	√	√	√	√		
2.7 V6 DOHC				√	√	√	√	√		
AUTOMATIC TRANSAXLE			√	√	√	√	√			
ANTI-LOCK BRAKE SYSTEM			√	√	√	√	√	1.Air bleed		
SRS-AIRBAG			√	√	√	√				
		ENGINE CONTROL SYSTEM	UNLEAD 1.6-2.0 DOHC		√	√	√	√		
			LEAD 1.6-2.0 DOHC		√	√	√	√		

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				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
TIBURON	AUTOMATIC TRANSAXLE	-1999			√	√	√	√		
		2000-			√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM				√	√	√			
	SRS-AIRBAG	97-99MY			√	√	√	√		
		99 F/LIFT		√	√	√	√			
	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			√	√	√	√	√			
SONATA(NF)	2.0/2.4L		√	√	√	√	√			
	LEAD 3.0L		√	√	√	√	√			

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				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
		AUTOMATIC TRANSAXLE	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		√	√	√	√	√				

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Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
SONATA III		AUTOMATIC TRANSAXLE SYSTEM			√	√	√	√			
		ANTI-LOCK BRAKE SYSTEM			√	√	√				
		SRS-AIRBAG		√	√	√	√				
SONATA II	ENGINE CONTROL GASOLINE	SOHC			√	√	√	√			
		DOHC		√	√	√	√	√			
		V6-DOHC		√	√	√	√	√			
	ENGINE CONTROL LPG			√	√	√	√	√			
	AUTOMATIC TRANSAXLE SYSTEM				√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM					√	√	√			
	AIRBAG SYSTEM			√	√	√	√				
SONATA	ENGINE CONTROL GASOLINE	SOHC		√	√	√	√	√			
		DOHC		√	√	√	√	√			
		V6-DOHC			√	√	√	√			
	ENGINE CONTROL LPG			√	√	√	√	√			
	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)			√	√	√	√	√		

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				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
Korea	TG GRANDEUR (AZERA)	ANTI-LOCK BRAKE SYSTEM		√	√	√	√	√			
		AIRBAG SYSTEM		√	√	√	√				
		FULL ATUO AIR/CON.SYSTEM		√	√	√	√	√			
		ELEC.POWER STEERING		√	√	√	√				
		BODY CONTROL MODULE	BODY CONTROL MODULE		√	√	√	√	√		
			DRIVER DOOR MODULE(DDM)		√	√	√	√	√		
			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			

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				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
		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					√	√	√	
		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		√	√	√			

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EQUUS	ANTI-LOCK BRAKE SYSTEM	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			√	√	√				
		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				√	√					

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				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
		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			√	√	√	√	√			

Hyundai V45.00Diagnostics List(Note:For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
		ANIT-LOCK BRAKE SYSTEM		√	√	√	√	√	1.Air bleed		
	NEW PORTER	ENGINE CONTROL GASOLINE		√	√	√	√	√			
		ENGINE CONTROL LPG			√	√	√	√			
	STAREX	Grand starex	ENGINE CONTROL DIESEL	√	√	√	√	√			
			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			√	√	√	√			
	VERACURZ	ENGINE CONTROL GASOLINE		√	√	√	√	√			
		ENGINE CONTROL DIESEL		√	√	√	√	√			
		ANTI-LOCK BRAKE SYSTEM		√	√	√	√	√			
		SRS-AIRBAG		√	√	√	√				
		AC		√	√	√	√	√			
		EPS		√	√	√	√				
		AHLS		√	√	√	√				
		4WD		√	√	√	√	√			

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
		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 YEARS 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				√	√	√	√			

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
SANTAMO	ENGINE CONTROL LPG	LPG -99		√	√	√	√	√			
		LPG 2000 YEAR(S 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(CM)	ENGINE CONTROL	2.0/2.2L VGT(CPF-)		√	√	√	√	√			
		2.0/2.2L VGT(CPF+)		√	√	√	√	√			
		2.2L VGT EURO 3(KWP)		√	√	√	√	√	1.Injector		
	AUTOMATIC TRANSAXLE			√	√	√	√	√			
	ANIT-LOCK BRAKE SYSTEM			√	√	√	√	√			
	SRS-AIRBAG			√	√	√	√				
	ELEC.POWER STEERING			√	√	√	√				
	FULL AUTO AIR/CON. SYSTEM			√	√	√	√	√			
	BODY CONTROL MODULE			√			√	√			
4WD CONTROL			√	√	√						

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
		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				√	√					
		LANE SENSOR APPLICATION			√	√	√	√		

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
		BODY CONTROL MODULE	LANE SENSOR AMERICAN APPLICATION		√	√	√	√		
		ENGINE SYSTEM	UNLEAD GEN	√	√	√	√	√		
		ENGINE SYSTEM	UNLEAD EOBD	√	√	√	√	√		
		ENGINE SYSTEM	UNLEAD MEX	√	√	√	√	√		
		ENGINE SYSTEM	LEAD ALL	√	√	√	√	√		
		AUTOMATIC TRANSAXLE SYSTEM			√	√	√	√		
		ANTI-LOCK BRAKE SYSTEM			√	√	√	√	1.Air bleed	
		SRS-AIRBAG		√	√	√	√			
		ENGINE SYSTEM	UNLEAD 1.0L GEN	√	√	√	√	√	1.Configuration delete	
		ENGINE SYSTEM	UNLEAD 1.1L GEN	√	√	√	√	√	1.Configuration delete	
		ENGINE SYSTEM	UNLEAD EOBD	√	√	√	√	√		
		ENGINE SYSTEM	UNLEAD MEX	√	√	√	√	√		
		ENGINE SYSTEM	LEAD 1.0L ALL	√	√	√	√	√	1.Configuration delete 2.Idle Speed Adjustment	
		ENGINE SYSTEM	LEAD 1.1L ALL	√	√	√	√	√	1.Idle Speed Adjustment	
		AUTOMATIC TRANSAXLE SYSTEM			√	√	√	√		
		ANTI-LOCK BRAKE SYSTEM			√	√	√	√	1.Air bleed	
		SRS-AIRBAG		√	√	√	√			
			UNLEAD GENERAL		√	√	√	√		

Hyundai V45.00Diagnostics List(Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
ATOS 1998-2004	ENGINE L4-SOHC	UNLEAD EOBD		√	√	√				
		UNLEAD MEX		√	√	√				
		UNLEAD IMM		√	√	√	√			
		LEAD ALL		√	√	√	√			
		UNLEAD GENERAL (SANTRO)		√	√	√	√			
		LEAD GENERAL (SANTRO)		√	√	√	√			
	AUTOMATIC TRANSAXLE SYSTEM			√	√	√	√			
	SAT SYSTEM									
	ANTI-LOCK BRAKE SYSTEM			√	√	√	√	1.Air bleed		
AIRBAG SYSTEM			√	√	√					
GETZ 2003-2004	ENGINE(GASOLINE)	UNLEAD GEN		√	√	√				
		LEAD ALL		√	√	√				
		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)			√	√	√	√			

Hyundai V45.00Diagnostics List(Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
	2000	AUTOMATIC TRANSAXLE			√	√	√	√			
		ANTI-LOCK BRAKE SYSTEM		√	√	√	√	√	1.Air bleed		
		SRS-AIRBAG		√	√	√	√	√			
		ELEC.POWER STEERING		√	√	√	√				
ACCENT 2006-	ENGINE (DIESEL)			√	√	√	√	√			
		ENGINE(GASOLINE)	UNLEAD_1.6L(CVVT)_GEN		√	√	√	√	√		
			UNLEAD_1.6L(CVVT)_EOBD		√	√	√	√	√		
			LEAD_1.6L(CVVT)_ALL		√	√	√	√	√		
			UNLEAD_1.4L(DOHC)_GEN		√	√	√	√	√		
			UNLEAD_1.4L(DOHC)_EOBD		√	√	√	√	√		
	LEAD_1.4L(DOHC)_ALL			√	√	√	√	√			
	AUTOMATIC TRANSAXLE	GASOLINE_A4AF3		√	√	√	√	√			
		DIESEL_A4CF2		√	√	√	√	√			
		ANTI-LOCK BRAKE SYSTEM		√	√	√	√	√			
		AC		√	√	√	√	√			
		SRS-AIRBAG		√	√	√	√				
EPS			√	√	√	√					
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				√	√	√	√			

Hyundai V45.00Diagnostics List(Note:For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
		ANTI-LOCK BRAKE SYSTEM			√	√	√	√	1.Air bleed		
		SRS-AIRBAG	SRE-LC/HMC	√	√	√	√				
			SRE-SMART(DUAL.STAGE)	√	√	√	√				
		IMMOBILIZER	GASOLINE				√				
			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		√	√	√	√			

Hyundai V45.00Diagnostics List(Note:For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
ACCENT 1995-1999	ENGINE L4-SOHC	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		√	√	√	√			
	ENGINE L4-DOHC	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		√	√	√					
			90-94MY		√	√	√	√		

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
EXCEL 1990-1994	ENGINE L4-SOHC	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			√	√	√	√			
			LEAD 1.6L ALL		√	√	√	√		
UNLEAD 1.6L GEN				√	√	√	√			
UNLEAD 1.6L EOBD				√	√	√	√			
LEAD 1.8L ALL				√	√	√	√			

Hyundai V45.00Diagnostics List(Note:For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
ELANTRA 2007-	ENGINE(GASOLINE)	UNLEAD_2.0L_GEN		√	√	√	√	√		
		UNLEAD_2.0L_EOBD		√	√	√	√	√		
		LEAD_2.0L_ALL		√	√	√	√	√		
		UNLEAD_2.0L_OBD-II		√	√	√	√	√		
	AUTOMATIC TRANSAXLE	1.6_GASOLINE		√	√	√	√	√		
		2.0_GASOLINE		√	√	√	√	√		
		1.6_DIESEL		√	√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM			√	√	√	√			
	AC			√	√	√	√	√		
	SRS-AIRBAG	ACU_GEN		√	√	√	√			
		ACU_NAS		√	√	√	√			
		WCS		√	√	√	√			
	BCM	GENERAL		√			√	√		
		NAS		√			√	√		
	EPS			√	√	√	√		ASP CALIBRATION	
ELANTRA 2004-2006	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			√	√	√	√		
		UNLEAD 1.8/2.0L(CVVT) EOBD			√	√	√	√		
		UNLEAD 2.0L(CVVT) OBD-II			√	√	√	√		
ENGINE(DIESEL)	EURO-3 (KWP)			√	√	√	√			

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
		ENGINE(DIESEL)	EURO-4 VGT	√	√	√	√	√			
		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			√	√	√			
	ENGINE L4-SOHC	UNLEAD 1.5L GEN			√	√	√	√			
		UNLEAD 1.5L IMM				√	√	√	√		
		LEAD 1.5L ALL				√	√	√	√		
		UNLEAD 1.5L 96MY KOR				√	√	√	√		
		UNLEAD 1.5L 97-98MY KOR				√	√	√	√		
		UNLEAD 1.6-2.0L GEN				√	√	√	√		

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
ELANTRA 1996-2000	ENGINE L4-DOHC	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			√	√	√				
HD COUPE	ENGINE	LOAD 1.6L ALL		√	√	√				
		UNLEAD 1.6L GEN		√	√	√				
		UNLEAD 1.6L EOBD		√	√	√				
		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		√	√	√	√			

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
HD COUPE 2002-			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 TRANSAXLE			√	√	√	√		
		ANTI-LOCK BRAKE SYSTEM			√	√	√	√	1.Air bleed	
		SRS-AIRBAG		√	√	√				
		TRACTION CONTROL SYSTEM			√	√	√	√		
		AHLS SYSTEM		√	√	√	√			
HD COUPE 1997-2001		ENGINE L4-DOHC	UNLEAD 1.6-2.0L GEN		√	√	√	√		
			UNLEAD 1.6-2.0L IMM		√	√	√	√		
			LEAD 1.6-2.0L ALL		√	√	√	√		
			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	√	√	√	√	√			
			UNLEAD 2.0L (NON ETC) GEN		√	√	√	√		
			UNLEAD 2.0L (NON ETC) EOBD		√	√	√	√	√	

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
SONATA(F/L)		ENGINE (GASOLINE)	LEAD 2.0L (ETC) ALL	√	√	√	√	√		
			UNLEAD 2.4L (ETC) GEN	√	√	√	√	√		
			UNLEAD 2.4L (ETC) EOBD	√	√	√	√	√		
			UNLEAD 2.4L (ETC) ALL	√	√	√	√	√		
			LEAD 3.3L GEN	√	√	√	√	√		
			UNLEAD 3.3L EOBD	√	√	√	√	√		
			LEAD 3.3L ALL	√	√	√	√	√		
		ENGINE (DIESEL)	EURO-4 VGT (CAN)	√	√	√	√	√		
		AUTOMATIC TRANSAXLE	2.0/2.4L	√	√	√	√	√		
			3.3L		√	√	√	√		
			EURO-4 VGT (CAN)	√	√	√	√	√		
		ABS/EPS		√	√	√	√	√		
		SRS-AIRBAG		√	√	√	√			
		ELEC. CONTROL SUSPENSION		√	√	√	√			
		ELEC. POWER STEERING		√	√	√	√			
		FULL AUTO AIR/CON		√	√	√	√	√		
		BODY CONTROL MODULE		√			√	√		
		ENGINE GASIONE	2.0/2.4L	√	√	√	√	√	1.Configuration delete 2.Version Configuration	
			2.0/2.4L +ETC	√	√	√	√	√	1.Configuration delete 2.Version Configuration	

Hyundai V45.00Diagnostics List(Not:For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
	SONATA 2005-2006		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	
			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				√	√		√		
				UNLEAD GEN		√	√	√	√	√	
				UNLEAD IMM		√	√	√	√	√	
LEAD ALL				√	√	√	√	√			

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions								
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others		
	SONATA 1999-2004	ENGINE L4-DOHC	UNLEAD EOBD	√	√	√	√	√				
			UNLEAD OBD-II	√	√	√	√	√				
			LPG(~2002) ALL	√	√	√	√	√				
			LPG(~2003-) ALL	√	√	√	√	√				
			UNLEAD GEN(india)	√	√	√	√	√				
		ENGINE V6-DOHC	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			√	√	√	√				
				UNLEAD 1.8L ALL			√	√	√	√		
				UNLEAD 2.0L ALL			√	√	√	√		

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions					
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions
SONATA 1994-1998	ENGINE L4-SOHC	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		√	√	√	√		
		LEAD 2.0L ALL		√	√	√	√		
		OBD-II 97MY		√	√	√	√		
		OBD-II 98MY		√	√	√	√		
	ENGINE L4-DOHC	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		√	√	√	√			

Hyundai V45.00Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System		Functions							
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
		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)				√	√	√			
			NEW 2.0L DOHC	OLD AIRBAG			√	√	√			
				NEW AIRBAG			√	√	√			
			NEW 2.4L SOHC	OLD AIRBAG			√	√	√			
			SRS-AIRBAG	NEW AIRBAG			√	√	√			

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System		Functions							
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
	GRANDEUR 1994-1998		NEW 2.5L DOHC	OLD AIRB AG		√	√	√				
				NEW AIRB AG		√	√	√				
			NEW 3.0L SOHC	OLD AIRB AG		√	√	√				
				NEW AIRB AG		√	√	√				
			NEW 3.0L DOHC	OLD AIRB AG		√	√	√				
				NEW AIRB AG		√	√	√				
			NEW 3.5L DOHC	OLD AIRB AG		√	√	√				
				NEW AIRB AG		√	√	√				
		GRANDEUR	ENGINE L4-SOHC				√	√	√	√		

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
GRANDEUR 1983-1993		ENGINE V6-SOHC			√	√	√	√			
		AUTOMATIC TRANSAXLE			√	√	√	√			
XG 1999-2005	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		√	√	√	√	√			
	ATUOMATIC 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				√	√	√	√			
ATUOMATIC TRANSAXLE					√	√	√	√			
ANTI-LOCK BRAKE SYSTEM				√	√	√	√	√			
	NOMORAL				√	√	√	√			

Hyundai V45.00Diagnostics List(Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
	TG GRANDEUR	SRS-AIRBAG	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)			√	√	√			
Non Korea	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			√	√	√	√			
		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			√	√	√	√					

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
CENTENNIAL 2000-2004	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-	ENGINE			√	√	√	√	√			

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
TRUCK 2004-		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(COVEC-F)				√	√	√	√		
		T/C INTERCOOLER(COVEC)				√	√	√	√		
		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				√	√	√	√			
ENGINE 2.0/2.4L(GASOLINE)	LEAD ALL			√	√	√	√	√			
	UNLEAD GEN			√	√	√	√	√			
	UNLEAD 2.0L EOBD			√	√	√	√	√			
	UNLEAD 2.4L EOBD			√	√	√	√	√			
	UNLEAD OBD-II			√	√	√	√	√			

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
SANTAFE 2001-2004	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		√	√	√	√			
		NAS		√	√	√	√			

Hyundai V45.00Diagnostics List(Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
		07.TRACTION CONTROL SYSTEM			√	√	√	√		
		4WD CONTROL		√	√	√				
SANTAFE (CM)06-	ENGINE(GASOLINE)	UNLEAD GEN		√	√	√	√	√		
		UNLEAD EOBD		√	√	√	√	√		
		LEAD ALL		√	√	√	√	√		
		UNLEAD OBD-II		√	√	√	√	√		
	ENGINE(DIESEL)	EURO-3 WGT(KWP)		√	√	√	√	√		
		EURO-4 VGT -CPF(CAN)		√	√	√	√	√		
		EURO-4 VGT +CPF(CAN)		√	√	√	√	√		
	AUTOMATIC TRANSAXLE	GASONLINE		√	√	√	√	√		
		EURO-3 WGT(KWP)		√	√	√	√	√		
		EURO-4 VGT(CAN)		√	√	√	√	√		
	ABS/ESP			√	√	√	√	√		
	SRS-AIRBAG	GENERAL		√	√	√	√			
		NAS		√	√	√	√			
	FULL AUTO AIR/CON.			√	√	√	√	√		
	BODY CONTROL MODULE	GENERAL		√			√	√		
		NAS		√			√	√		
	4WD CONTROL			√	√	√				
	IMMOBILIZER	GASOLINE			√					
		EURO-3 WGT(KWP)			√					
		EURO-4 VGT(CAN)			√					
	ENGINE 2.0L(GASOLINE)	LEAD ALL			√	√	√	√		
UNLEAD GEN				√	√	√	√			

Hyundai V45.00Diagnostics List(Not:For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
TRAJET XG 2001-2004			UNLEAD EOBD		√	√	√	√			
			LEAD ALL		√	√	√	√			
			LEAD(F/LIFT) ALL	√	√	√	√	√			
			UNLEAD GEN		√	√	√	√			
			UNLEAD(ZR O2S) GEN	√	√	√	√	√			
			UNLEAD(TI O2S) EOBD		√	√	√	√			
			UNLEAD(ZR O2S) 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			

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
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				√	√	√					
	ENGINE I4-SOHC	UNLEAD 2.0L ALL			√	√	√	√			

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
SANTAMO ALL	ENGINE L4-SOHC	LEAD 2.0L ALL		√	√	√	√			
		UNLEAD 2.0L ALL		√	√	√	√			
	ENGINE L4-DOHC	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	ENGINE L4-SOHC	UNLEAD 1.5L GEN		√	√	√	√			
		UNLEAD 1.5L 96MY KOR		√	√	√	√			
		UNLEAD 1.5L 97-98MY KOR		√	√	√	√			
	ENGINE L4-DOHC	UNLEAD 1.6-2.0L GEN			√	√	√	√		
		UNLEAD 96MY OBD-II			√	√	√	√		
		UNLEAD 97MY OBD-II			√	√	√	√		

Hyundai V45.00Diagnostics List(Not:For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
AVANTE 1996-2000			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 ALL		ENGINE SYSTEM	DYNASTY 2.5L		√	√	√	√		
			DYNASTY 3.0L		√	√	√	√		
			DYNASTY 3.5L		√	√	√	√		
		AUTOMATIC TRANSAXLE SYSTEM	DYNASTY 2.5L		√	√	√	√		
			DYNASTY 3.0L		√	√	√	√		
			DYNASTY 3.5L		√	√	√	√		
		ANTI-LOCK BRAKE SYSTEM	DYNASTY 2.5L		√	√	√	√		
			DYNASTY 3.0L		√	√	√	√		
			DYNASTY 3.5L		√	√	√	√		
		AIRBAG SYSTEM	DYNASTY 2.5L		√	√	√			
			DYNASTY 3.0L		√	√	√			
			DYNASTY 3.5L		√	√	√			
TIBURON ALL		ENGINE SYSTEM			√	√	√	√		
		AUTOMATIC TRANSAXLE SYSTEM			√	√	√	√		
		ANTI-LOCK BRAKE SYSTEM			√	√	√	√		
		AIRBAG SYSTEM			√	√	√			
ATOZ		ENGINE SYSTEM			√	√	√	√		
		AUTOMATIC TRANSAXLE SYSTEM			√	√	√	√		

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
ALL		ANTI-LOCK BRAKE SYSTEM			√	√	√	√		
		AIRBAG SYSYTEM			√	√	√			
GRANDEUR XG ALL	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			√	√	√	√		
	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			√	√	√	√			
	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-)			√	√	√	√	√			

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
EQUUS	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						√	√			
	ENGINE(GASOLINE)	LEAD 2.0L GEN			√	√	√	√	√		
UNLEAD 2.0L EOBD				√	√	√	√	√			
UNLEAD 2.0L OBD-II				√	√	√	√	√			
LEAD 2.0L ALL				√	√	√	√	√			
UNLEAD 2.7L GEN					√	√	√	√			
UNLEAD 2.7L EOBD					√	√	√	√			
UNLEAD 2.7L OBD-II					√	√	√	√			
UNLEAD 2.7L ALL					√	√	√	√			
ENGINE(DIESEL)		EURO-3 WGT				√	√	√	√		
		EURO-4 VGT(CAN)			√	√	√	√	√		
	EURO-4 VGT(KWP)			√	√	√	√	√			
	2.0 EURO-4			√	√	√	√	√			

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
	TUCSON 2004-2005	AUTOMATIC TRANSAXLE	2.0/2.7L (MELCO TCM)		√	√	√	√		
			2.0L(SIEMENS PCM)		√	√	√	√		
		ANTI-LOCK BRAKE SYSTEM		√	√	√	√			
		SRS-AIRBAG	GENERAL		√	√	√	√		
			NATIONAL AVIGATION AND SPACEFLIGHT STANDARD [AMERICA]		√	√	√	√		
		4WD				√	√			
		2.0L GASOLINE						√	01.PASSWORD TEACHING/CHANGING 02.TEACHING 03.NEUTRAL MODE 04.LIMP HOME MODE 05.SMARTRA NEUTRAL	

Hyundai V45.00Diagnostics List (Note:For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
		IMMOBILIZER	2.7L GASOLINE				√		01.PASSWORD TEACHING/CHANGING 02.TEACHING 03.NEUTRAL MODE 04.LIMP HOME MODE		
			DIESEL				√		01.PASSWORD TEACHING/CHANGING 02.TEACHING 03.NEUTRAL MODE 04.LIMP HOME MODE 05.SMARTRA		
		FULL AUTO AIR/CON. SYSTEM		√	√	√	√	√			
		ETACS	GENERAL	√			√	√			
			NAS		√			√	√		
			CHINA(JMC)		√			√	√		
		ENGINE		√	√	√	√	√			
		ENGINE DIESEL		√	√	√	√	√			
		AUTOMATIC TRANSAXLE		√	√	√	√	√			
		ANTI-LOCK BRAKE SYSTEM			√	√	√	√	1.Air bleed		

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
VERNA		SRS-AIRBAG		√	√	√	√			
		ELEC.POWER SREERING		√	√	√	√			
		FULL AUTO AIR/CON. SYSTEM		√	√	√	√	√		
		IMMOBILIZER					√		1.PASSWORD TEACHING/CHANGING 02.TEACHING 03.NEUTRAL MODE 04.LIMP HOME MODE 05.SMARTRA NEUTRAL	
	ENGINE(GASOLINE)	UNLEAD EOBD		√	√	√	√	√		
		UNLEAD GEN		√	√	√	√	√	RESETTING ADAPTIVE VALUES	
		LEAD ALL		√	√	√	√	√		
	ENGINE(DIESEL)		√	√	√	√	√		FROZEN FRAME	
	AUTOMATIC TRANSAXLE		√	√	√	√	√			
	ABS/ESP		√	√	√	√	√			
	SRS-AIRBAG		√	√	√	√	√			
	SRS-AIRBAG(india)		√	√	√	√	√			
	ELEC.POWER STEERING		√	√	√	√				

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
	i10	IMMOBILIZER	GASOLINE				√		1.PASSWORD TEACHING/CHANGING 02.TEACHING 03.NEUTRAL MODE 04.LIMP HOME MODE 05.SMARTRA NEUTRAL	
			DIESEL				√		1.PASSWORD TEACHING/CHANGING 02.TEACHING 03.NEUTRAL MODE 04.LIMP HOME MODE 05.SMARTRA NEUTRAL	
		ENGINE(GASOLINE)	UNLEAD 1.6L GEN	√	√	√	√	√		
			UNLEAD 1.4/1.6L EOBD	√	√	√	√	√		
			LEAD 1.6L ALL	√	√	√	√	√		
			UNLEAD 1.6L OBD-II	√	√	√	√	√		
			UNLEAD 2.0L GEN	√	√	√	√	√		

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
i30			UNLEAD 2.0L EOBD	√	√	√	√	√		
			LEAD 2.0L ALL	√	√	√	√	√		
			UNLEAD 2.0L OBD-II	√	√	√	√	√		
		ENGINE(DIESEL)	1.6 U-ENGINE WITHOUT CPF	√	√	√	√	√		
			1.6 U-ENGINE WITH CPF	√	√	√	√	√		
			2.0 D-ENGINE	√	√	√	√	√		
		AUTOMATIC TRANSAXLE	1.4/1.6L	√	√	√	√	√		
			2.0L	√	√	√	√	√		
		ABS/ESP		√	√	√	√	√		
		SRS-AIRBAG	ACU(GEN)	√	√	√	√			
			ACU(NAS)	√	√	√	√			
			WCS	√	√	√	√			
		TPMS		√	√	√	√	√		
		FULL AUTO AIR/CON	EOBD	√	√	√	√	√		
			GENERAL	√	√	√	√	√		
		ELEC.POWER STEERING		√	√	√	√			
		BODY CONTROL MODULE	GENERAL	√	√	√	√	√		
			NAS	√	√	√	√	√		
		IMMOBILIZER	GASOLINE		√					
			DIESEL		√					
		ENGINE(GASOLINE)	UNLEAD 3.3/3.8L GEN	√	√	√	√	√		
			UNLEAD 3.3/3.8L EOBD	√	√	√	√	√		
			UNLEAD 3.3/3.8L OBD-II	√	√	√	√	√		
	AUTOMATIC TRANSAXLE	3.3/3.8L	√	√	√	√	√			
	ABS/ESP/ESC		√	√	√	√	√			

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
GENESIS		SRS-AIRBAG	ACU(GEN)	√	√	√	√			
			ACU(NAS)	√	√	√	√			
		FULL AUTO AIR/CON		√	√	√	√	√		
		ELEC.POWER STEERING		√	√	√	√	√		
		ELEC.CONTROL SUSPENSION		√	√	√	√			
		ELEC.PAKING BRAKE		√	√	√	√	√		
		AUTO HEAD LEVELING	AFLS	√	√	√	√	√		
		BODY CONTROL MODULE	IPM(IN PANEL MODULE) -PIC	√	√	√	√	√		
			IPM(IN PANEL MODULE) +PIC	√	√	√	√	√		
			FAM(FRONT AREA MODULE)	√	√	√	√	√		
			DDM(POWER WINDOW MAIN)	√	√	√	√	√		
			ADMI(POWER WINDOW ASSIST)	√	√	√	√	√		
			CLU(CLUSTER)	√	√	√	√	√		
			MFSW(MULTIFUNCTION SW)	√	√	√	√	√		
			PSM(POWER SEAT)	√	√	√	√	√		
			SCM(TILT & TELE)	√	√	√	√	√		
			FBWS(FRONT&BACK WARING)	√	√	√	√	√		
			PTM(POWER TRUNK)	√	√	√	√	√		
			ECW(ELEC. CONTROL WIPER)	√	√	√	√	√		
			PDM(POWER DISTRIBUTION)	√	√	√	√	√		
	MULTI MEDIA SYSTEM	HEAD UNIT	√		√	√	√			
		TUNER/AMP	√	√	√					
	IMMOBILIZER			√						

Hyundai V45.00Diagnostics List (Note:For reference only)

Areas	Vehicles	Systems	Sub System	Functions						Others
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	
i20		ENGINE GASOLINE		√	√	√	√	√	RESETTING ADAPTIVE VALUES	
		AUTOMATIC TRANSAXLE SYSTEM		√	√	√	√	√		
		ABS/ESP		√	√	√	√	√		
		SRS-AIRBAG		√	√	√	√			
		BODY CONTROL MODULE		√			√	√		
		ELEC. POWER STEERING		√	√	√	√			
		IMMOBILIZER					√		1.PASSWORD TEACHING/CHANGING 02.TEACHING 03.NEUTRAL MODE 04.LIMP HOME MODE 05.SMARTRA NEUTRAL	
		TPMS		√	√	√	√	√		
ENGINE SYSTEM		UNLEAD 1.0L GEN		√	√	√	√	√	1.Configuration delete	
		UNLEAD 1.1L GEN		√	√	√	√	√	1.Configuration delete	
		UNLEAD EOBD		√	√	√	√	√		
		UNLEAD MEX		√	√	√	√	√		

Hyundai **V45.00** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
		ANTI-LOCK BRAKE SYSTEM			√	√	√	√	1.Air bleed	
		AIRBAG SYSTEM			√	√	√			
	VERACRUZ 2007- ALL	ENGINE(GASOLINE)	UNLEAD 3.8L GEN	√	√	√	√	√		
UNLEAD 3.8L EOBD			√	√	√	√	√			
UNLEAD 3.8L OBD-II			√	√	√	√	√			
LEAD 3.8L ALL			√	√	√	√	√			
ENGINE(DIESEL)		√	√	√	√	√				
AUTOMATIC TRANSAXLE		√	√	√	√	√				
ABS/ESP		√	√	√	√	√				
FULL AUTO AIR/CON		√	√	√	√	√				
SRS-AIRBAG		√	√	√	√					
4WD CONTROL		√	√	√	√	√				
POWER TAIL GATE		√	√	√	√					
BODY CONTROL MODULE		BODY CONTROL MODULE	√	√	√	√	√			
		DIRVER DOOR MODULE(DDM)	√	√	√	√	√			
		ASSIST DOOR MODULE(ADM)	√	√	√	√	√			
	IMS	√	√	√	√	√				
		TILT & TELE SCOPE(TILE)		√	√	√	√	√		
SMART KEY SYSTEM	SMART KEY UNIT		√	√	√	√	√			

(*) : Tested;

(?) : Manual on website (www.x431.com)

Note: The final interpretation of the products belongs to LAUNCH TECH CO., LTD.

CONNECTOR	X431	DIAGUN
mitsubishi-hyundai 12+16	Use for the cars of 16-PIN Diagnostic socket	N/A
UNIVERSAL-3	N/A	N/A
OBD 16C	N/A	N/A
CANBUS II	Use for the cars of 16-PIN Diagnostic socket	N/A
DIAGUN CONNECTOR	N/A	Use for the cars of 16-PIN Diagnostic socket
SUPER 16	Use for the cars of 16-PIN Diagnostic socket	N/A