

## Hyundai **V44.50** 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			√	√	√	√	√	
NEW CLICK	ENGINE CONTROL DIESEL			√	√	√	√	√		
	AUTOMATIC TRANSAXLE SYSTEM				√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM			√	√	√	√	√		
	ELEC.POWER STEERING			√	√	√	√			
	CLICK	ENGINE CONTROL SYSTEM			√	√	√	√	√	
CLICK	AUTOMATIC TRANSAXLE SYSTEM				√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM			√	√	√	√	√		
	ELEC.POWER STEERING			√	√	√	√			
	VERNA(MC)	ENGINE			√	√	√	√	√	
VERNA(MC)	AUTOMATIC TRANSAXLE			√	√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed	
	SRS-AIRBAG			√	√	√	√			
	ELEC.POWER SREERING			√	√	√	√			
	FULL AUTO AIR/CON. SYSTEM			√	√	√	√	√		
NEW VERNA	ENGINE CONTROL SYSTEM	UNLEAD(CVVT)			√	√	√	√		
	ENGINE CONTROL SYSTEM	UNLEAD(CVVT AMERICAN APPLICATION)			√	√	√			
	ENGINE CONTROL SYSTEM	LEAN BURN			√	√	√			
	AUTOMATIC TRANSAXLE SYSTEM	UNLEAD			√	√	√	√		
	AUTOMATIC TRANSAXLE SYSTEM	LEAN BURN			√	√	√	√		

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				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
VERNA		ANTI-LOCK BRAKE SYSTEM			√	√	√	√	√	1.Air bleed	
		SRS-AIRBAG		√	√	√	√				
	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					√	√	√	√			
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			√	√	√	√			

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

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

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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			√	√	√			
	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		√	√	√	√			
	TIBURON	ENGINE CONTROL SYSTEM	UNLEAD 1.6-2.0 DOHC		√	√	√	√		
			LEAD 1.6-2.0 DOHC		√	√	√	√		
		AUTOMATIC TRANSAXLE	-1999		√	√	√	√		
			2000-		√	√	√	√		
		ANTI-LOCK BRAKE SYSTEM			√	√	√			
		SRS-AIRBAG	97-99MY		√	√	√			
			99 F/LIFT	√	√	√	√			
			2.0/2.4	√	√	√	√	√	1.Configuration delete 2.Version Configuration	

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				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
	SONATA(NF)	ENGINE CONTROL GASOLINE	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	√	√	√		√		
		ENGINE CONTROL GASOLINE	1.8/2.0L DOHC	√	√	√	√	√		

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Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
EF SONATA	ENGINE CONTROL GASOLINE	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			√	√	√	√					
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			√	√	√	√	√			

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				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
Korea	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	BODY CONTROL MODULE		√	√	√	√	√		
			DRIVER DOOR MODULE(DDM)		√	√	√	√	√		
			ASSIST DOOR MODULE(ADM)		√	√	√	√	√		
			IMS		√	√	√	√	√		
			TILT&TELESCOPE(TILT)		√	√	√	√	√		
		SMART KEY SYSTEM	USER OPTION		√	√	√	√	√		
			IFU		√	√	√	√	√		
			PIC		√	√	√	√	√		
		AHLS SYSTEM	PIC		√	√	√	√	√		
					√	√	√	√			
		ENGINE CONTROL GASOLINE	2.0/2.5 GASOLINE		√	√	√	√	√		
3.0+ETS GASOLINE			√	√	√	√	√				



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				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
NEW GRANDEUR XG	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					√	√	√				
ENGINE CONTROL SYSTEM	3.0L			√	√	√					
	3.0L+ETS			√	√	√					
	3.5L+ETS			√	√	√					
	4.5L GDI				√	√					
	4.5L MPI			√	√	√					

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				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
EQUUS		AUTOMATIC TRANSAXLE	3.8L LAMDA	√	√	√				
			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			√	√	√		
			2005-			√	√	√	√	1.Air bleed

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				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
		AIRBAG SYSTEM	AIRBAG(OLD:98MY)	√	√	√	√			
			AIRBAG(NEW:98MY)	√	√	√	√			
DYNASTY		ENGINE CONTROL GASIONE			√	√	√	√		
		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	

## Hyundai V44.50 Diagnostics List (Note: For reference only)

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

## Hyundai V44.50Diagnostics List (Note:For reference only)

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

## Hyundai V44.50Diagnostics List(Notes: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(3 GENERATION)		√	√	√	√	√		
	AUTOMATIC TRANSAXLE			√	√	√	√			
	ANTI LOCK BRAKE SYSTEM			√	√	√	√		1.Air bleed	
	SRS-AIRBAG	-2001			√	√	√			
		2002-			√	√	√			
	ENGINE CONTROL GASOLINE	2.0 DOHC			√	√	√	√		
		2.7 DOHC			√	√	√	√		
	ENGINE CONTROL DIESEL	WGT		√	√	√	√	√		
		VGT		√	√	√	√	√		
TRAJET XG	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 Specific Data	
	AUTOMATIC TRANSAXLE			√	√	√	√	√		
	ANIT-LOCK BRAKE SYSTEM			√	√	√	√	√		
	SRS-AIRBAG			√	√	√	√			
	ELEC.POWER STEERING			√	√	√	√			
	FULL AUTO AIR/CON. SYSTEM			√	√	√	√	√		
	BODY CONTROL MODULE			√			√	√		
4WD CONTROL			√	√	√					
SMART KEY SYSTEM			√	√	√	√	√			

## Hyundai **V44.50** Diagnostics List (Note: For reference only)

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

## Hyundai **V44.50** 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 F_LIFT 04 ALL	ENGINE SYSTEM	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)			√	√	√	√		



## Hyundai V44.50Diagnostics List (Note:For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
	1999-2004		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)			√	√	√	√		
			AUTOMATIC TRANSAXLE			√	√	√	√		
			ANTI-LOCK BRAKE SYSTEM			√	√	√	√	1.Air bleed	
			SRS-AIRBAG			√	√	√	√		
	ELEC.POWER STEERING			√	√	√	√				
	ENGINE (DIESEL)			√	√	√	√				
		UNLEAD_1.6L(CVVT)_GEN		√	√	√	√	√			

## Hyundai V44.50Diagnostics List(Not:For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
ACCENT 2006-		ENGINE(GASOLINE)	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			√	√	√	√		
		ANTI-LOCK BRAKE SYSTEM			√	√	√	√	1.Air bleed	
		SRS-AIRBAG	SRE-LC/HMC	√	√	√	√			
SRE-SMART(DUAL.STAGE)	√		√	√	√					
IMMOBILIZER	GASOLINE				√					
	DIESEL				√					
		LEAD ALL		√	√	√	√			
		UNLEAD(GENERAL) ALL		√	√	√	√			

## Hyundai V44.50Diagnostics List(Note:For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
ACCENT 2000-2002	ENGINE L4-SOHC	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					√			
	ENGINE L4-SOHC	UNLEAD 1.3L 95-97MY GEN			√	√	√	√		
UNLEAD 1.3L 95-97MY IMM				√	√	√	√			
UNLEAD 1.3L 98MY GEN				√	√	√	√			
UNLEAD 1.3L 98MY IMM				√	√	√	√			
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				√	√	√	√			

## Hyundai V44.50Diagnostics 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-DOHC	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			√	√	√	√		
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			√	√	√	√			

## Hyundai **V44.50** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
SCOUPE 1991-1996	ENGINE L4-DOHC	SCOUPE LS		√	√	√	√			
		SCOUPE 91-92MY		√	√	√	√			
		SCOUPE 93-94MY		√	√	√	√			
		SCOUPE 95MY		√	√	√	√			
		SCOUPE TURBO 92-94MY		√	√	√	√			
		SCOUPE TURBO 95MY		√	√	√	√			
	ENGINE L4-DOHC TURBO	UNLEAD 94-96MY ALL		√	√	√	√			
		UNLEAD 92-94MY ALL		√	√	√	√			
		UNLEAD 92MY KOR		√	√	√	√			
	AUTOMATIC TRANSAXLE				√	√	√	√		
	MATRIX 2002-	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			√	√	√	√		
		1.5 D-ENGINE		√	√	√	√	√		
		1.5 U-ENGINE VGT(EURO-3)		√	√	√	√	√		
	1.5 U-ENGINE VGT(EURO-4)		√	√	√	√	√			

## Hyundai V44.50Diagnostics List (Note:For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
		AUTOMATIC TRANSAXLE		√	√	√	√	√			
		ANTI-LOCK BRAKE SYSTEM		√	√	√	√	√	1.Air bleed		
		SRS-AIRBAG			√	√	√				
		FULL AUTO AIR/CON		√	√	√	√	√			
		IMMOBILIZER	GASOLINE		√						
			DIESEL(D1.5/U1.5 EURO-3)			√					
			DIESEL(U1.5 EURO-4)			√					
	ELANTRA 2007-	ENGINE(DIESEL)		√	√	√	√	√			
		ENGINE(GASOLINE)	UNLEAD_1.6L_GEN		√	√	√	√	√		
			UNLEAD_1.6L_EOBD		√	√	√	√	√		
			LEAD_1.6L_ALL		√	√	√	√	√		
			UNLEAD_1.6L_OBD-II		√	√	√	√	√		
			UNLEAD_2.0L_GEN		√	√	√	√	√		
			UNLEAD_2.0L_EOBD		√	√	√	√	√		
			LEAD_2.0L_ALL		√	√	√	√	√		
		AUTOMATIC TRANSAXLE	UNLEAD_2.0L_OBD-II		√	√	√	√	√		
			1.6_GASOLINE		√	√	√	√	√		
			2.0_GASOLINE		√	√	√	√	√		
			1.6_DIESEL		√	√	√	√	√		
			ANTI-LOCK BRAKE SYSTEM			√	√	√	√		
			AC		√	√	√	√	√		
		SRS-AIRBAG	ACU_GEN		√	√	√	√			
			ACU_NAS		√	√	√	√			
			WCS		√	√	√	√			
	BCM	GENERAL		√			√	√			
		NAS		√			√	√			

## Hyundai **V44.50** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
		EPS		√	√	√	√		ASP CALIBRATION		
ELANTRA 2004-2005	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				√	√	√	√		
		ULLEAD 1.8/2.0L(+CVVT) GEN				√	√	√	√		
		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)					√	√	√	√		

## Hyundai V44.50Diagnostics 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			√	√	√				
ELANTRA 1996-2000	ENGINE L4-SOHC	UNLEAD 1.5L GEN			√	√	√	√			
		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				√	√				
	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			√	√	√				
		LEAD 2.0L ALL			√	√	√	√			



## Hyundai V44.50Diagnostics 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 2002-2004	ENGINE	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 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				√	√	√	√			
					√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed		

## Hyundai V44.50Diagnostics 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)	SRS-AIRBAG	97-99MY			√	√	√				
		2000MY		√	√	√	√	√			
	ENGINE (GASOLINE)	UNLEAD 2.0L (NON ETC) GEN		√	√	√	√	√			
		UNLEAD 2.0L (NON ETC) EOBD		√	√	√	√	√			
		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		√	√	√	√	√			
	ENGINE (DIESEL)	LEAD 3.3L ALL		√	√	√	√	√			
		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			√			√	√			
			2.0/2.4L		√	√	√	√	√	1.Configuration delete 2.Version Configuration	



## Hyundai V44.50Diagnostics List(Not: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 IMM		√	√	√	√	√		
		LEAD ALL		√	√	√	√	√		
		UNLEAD EOBD		√	√	√	√	√		
		UNLEAD OBD-II		√	√	√	√	√		
		LPG(~2002) ALL		√	√	√	√	√		
		LPG(~2003-) ALL		√	√	√	√	√		
		UNLEAD GEN(india)		√	√	√	√	√		
		UNLEAD GEN		√	√	√	√	√		
		02 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 **V44.50** 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 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		√	√	√	√			
		ENGINE L4-DOHC	UNLEAD 1.8L ALL		√	√	√	√		
			UNLEAD 2.0L ALL		√	√	√	√		
			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			√	√	√				

## Hyundai **V44.50** 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 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		√	√	√				
GRANDEUR			NEW 2.5L DOHC	OLD AIRBAG		√	√	√			



## Hyundai V44.50Diagnostics List(Notes:For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
XG 1999-2004	ENGINE L4-SOHC	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				√	√	√	√			
TG GRANDEUR	ENGINE	UNLEAD 3.3L GEN			√	√	√	√			
		UNLEAD 3.3. EOBD			√	√	√	√			
		LEAD (+ETS) ALL			√	√	√	√			
	ATUOMATIC TRANSAXLE				√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM			√	√	√	√	√			
	SRS-AIRBAG	NOMORAL NATIONAL AVIATION AND SPACEFLIGHT STANDARD [AMERICAN]			√	√	√	√	√		
					√	√	√	√	√		
	ELEC.POWER SREERING			√	√	√	√	√			
	FULL AUTO AIR/CON.			√	√	√	√	√			
	BODY CONTROL MODULE			√	√	√	√	√			
SMART KEY SYSTEM	INTERFACE UNIT			√	√	√	√	√			
	SMART KEY UNIT			√	√	√	√	√			

Non



## Hyundai V44.50Diagnostics List( Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions								
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others		
Korea		AHLS SYSTEM		√	√	√	√					
	MARCIA 1996-1998	ENGINE L4-DOHC	MARCIA (96-98MY)			√	√	√	√			
		ENGINE V6-DOHC				√	√	√	√			
		AUTOMATIC TRANSAXLE	MARCIA (96-98MY)			√	√	√	√			
		ANTI-LOCK BRAKE SYSTEM	MARCIA (96-98MY)			√	√	√				
		SRS-AIRBAG	MARCIA (96-98MY)			√	√	√				
	CENTENNIAL 2000-2004	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					√	√	√	√		
		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	
							√	√	√	√		
		TRACTION CONTROL SYSTEM					√	√	√	√		

## Hyundai **V44.50** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
		07.ECS AC LAN AHLS SYSTEM	ECS		√	√	√	√		
			ACTIVE ECS				√	√		
					√	√	√	√		
				√	√	√	√			
				√	√	√	√			
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(COVEC-F)		√	√	√	√			
		T/C INTERCOOLER(COVEC)		√	√	√	√			
		CRDI(A-ENG)		√	√	√	√			
		CRDI(A-ENG)F/LIFT		√	√	√	√	√		
ENGINE FBM			√	√	√	√				
AUTOMATIC TRANSAXLE			√	√	√	√				

## Hyundai V44.50Diagnostics 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	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			√	√	√			
SANTAFE 2001-2004	ENGINE 2.0/2.4L(GASOLINE)	LEAD ALL		√	√	√	√	√		
		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		

## Hyundai **V44.50** Diagnostics List (Note: For reference only)

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

## Hyundai V44.50Diagnostics List(Not:For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
		UNSTAIRBAG	NAS	√	√	√	√				
		FULL AUTO AIR/CON.		√	√	√	√	√			
		BODY CONTROL MODULE	GENERAL	√			√	√			
			NAS	√			√	√			
		4WD CONTROL		√	√	√					
		IMMOBILIZER	GASOLINE		√						
			EURO-3 WGT(KWP)			√					
			EURO-4 VGT(CAN)			√					
	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 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	ENGINE L4-SOHC FBM				√	√	√	√		

## Hyundai **V44.50** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
	1994-2001	AUTOMATIC TRANSAXLE			√	√	√	√		
TERRACAN 2001-2004		ENGINE	2.5L DIESEL(TCI)	√	√	√	√	√		
			2.9L DIESEL(C/RAIL)	√	√	√	√	√		
			UNLEAD 3.5L GEN	√	√	√	√	√	1.Read FreezeFrame Data	
			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			√	√	√	√		

## Hyundai V44.50Diagnostics 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	~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	ENGINE SYSTEM	2.4L SOHC			√	√				
		3.4L SOHC			√	√				
AVANTE 2004-2005	ENGINE(GASOLINE)				√	√	√	√		
	AUTOMATIC TRANSAXLE				√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed	
	SRS-AIRBAG				√	√	√			
AVANTE 2001-2003	TRACTION CONTROL SYSTEM				√	√	√	√		
	ENGINE				√	√	√	√		
	AUTOMATIC TRANSAXLE				√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed	
	SRS-AIRBAG				√	√	√			
	ENGINE L4-SOHC	UNLEAD 1.5L GEN			√	√	√	√		
		UNLEAD 1.5L 96MY KOR			√	√	√	√		
		UNLEAD 1.5L 97-98MY KOR			√	√	√	√		
		UNLEAD 1.6-2.0L GEN			√	√	√	√		

## Hyundai **V44.50** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
AVANTE 1996-2000	ENGINE L4-DOHC	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 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 **V44.50** 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 SYSSYEM			√	√	√				
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			√	√	√	√			
	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	

## Hyundai V44.50Diagnostics List(Note:For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
		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			√	√	√	√	
			ULLEAD 2.7L EOBD			√	√	√	√	
			ULLEAD 2.7L OBD-II			√	√	√	√	
			UNLEAD 2.7L ALL			√	√	√	√	
		ENGINE(DIESEL)	EURO-3 WGT			√	√	√	√	
			EURO-4 VGT(CAN)		√	√	√	√	√	
			EURO-4 VGT(KWP)		√	√	√	√	√	
		AUTOMATIC TRANSAXLE	2.0 EURO-4		√	√	√	√	√	
			2.0/2.7L (MELCO TCM)			√	√	√	√	
			2.0L(SIEMENS PCM)		√	√	√	√	√	
		ANTI-LOCK BRAKE SYSTEM		√	√	√	√	√		
		SRS-AIRBAG	GENERAL	√	√	√	√			

## Hyundai V44.50Diagnostics List (Note:For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
		UNSTABILIZED	NATIONAL AVIGATION AND SPACEFLIGHT STANDARD [AMERICA]	√	√	√	√			
		4WD			√	√				
	TUCSON 2004-2005		2.0L GASOLINE				√		01.PASSWORD TEACHING/CHANGING 02.TEACHING 03.NEUTRAL MODE 04.LIMP HOME MODE 05.SMARTRA NEUTRAL	
		IMMOBILIZER	2.7L GASOLINE				√		01.PASSWORD TEACHING/CHANGING 02.TEACHING 03.NEUTRAL MODE 04.LIMP HOME MODE	



## Hyundai V44.50Diagnostics List (Note:For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
	VERNA	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 **V44.50** 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	√	√	√	√	√		
			UNLEAD 2.0L EOBD	√	√	√	√	√		

## Hyundai **V44.50** 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			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		√	√	√	√	√			
	SRS-AIRBAG	ACU(GEN)	√	√	√	√				
		ACU(NAS)	√	√	√	√				
	FULL AUTO AIR/CON		√	√	√	√	√			

## Hyundai V44.50Diagnostics List (Note:For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
GENESIS		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)	√	√	√	√	√		
			ADM(POWER WINDOW ASSIST)	√	√	√	√	√		
			CLU(CLUSTER)	√	√	√	√	√		
			MFSW(MULTIFUNTION 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			√					
		ENGINE GASOLINE		√	√	√	√	√	<b>RESETTING ADAPTIVE VALUES</b>	
		AUTOMATIC TRANSAXLE SYSTEM		√	√	√	√	√		
		ABS/ESP		√	√	√	√	√		
		SRS-AIRBAG		√	√	√	√			
		BODY CONTROL MODULE		√			√	√		



## Hyundai **V44.50** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
i20		ELEC. POWER STEERING		√	√	√	√				
		IMMOBILIZER					√		1.PASSWORD TEACHING/CHANGING 02.TEACHING 03.NEUTRAL MODE 04.LIMP HOME MODE 05.SMARTRA NEUTRAL		
		TPMS		√	√	√	√	√			
Santro 2006-	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			√	√	√	√			

## Hyundai **V44.50** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
Santro 2004-2005 ALL	ENGINE SYSTEM	UNLEAD GEN		√	√	√	√	√			
		UNLEAD EOBD		√	√	√	√	√			
		UNLEAD MEX		√	√	√	√	√			
		LEAD ALL		√	√	√	√	√			
	AUTOMATIC TRANSAXLE SYSTEM			√	√	√	√				
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed		
	SRS-AIRBAG			√	√	√	√				
	Santro 1998-2003 ALL	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					√	√	√	√	1.Air bleed		
AIRBAG SYSTEM					√	√	√				

(\*): Tested;

(?): Manual on website ([www.x431.com](http://www.x431.com))

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

<b>CONNECTOR</b>	<b>X431</b>	<b>DIAGUN</b>
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