

Hyundai **V47.90** 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			√	√	√	√		
NEW VERNA			UNLEAD(CVVT)		√	√	√	√		
		ENGINE CONTROL SYSTEM	UNLEAD(CVVT AMERICAN APPLICATION)		√	√	√	√		
			LEAN BURN		√	√	√	√		
		AUTOMATIC TRANSAXLE SYSTEM	UNLEAD		√	√	√	√		
			LEAN BURN		√	√	√	√		
		ANTI-LOCK BRAKE SYSTEM			√	√	√	√	1.Air bleed	
		SRS-AIRBAG			√	√	√	√		
		UNLEAD 1.3L SOHC			√	√	√	√		

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				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
VERNA	ENGINE CONTROL SYSTEM	UNLEAD 1.5L SOHC		√	√	√	√	√		
		UNLEAD 1.5L DOHC		√	√	√	√	√		
		LEAN BURN		√	√	√	√	√		
	AUTOMATIC TRANSAXLE SYSTEM			√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed	
	SRS-AIRBAG			√	√	√	√			
ACCENT	ENGINE CONTROL SYSTEM	UNLEAD 1.3 SOHC 95-97			√	√	√	√		
		UNLEAD 1.3 SOHC 98			√	√	√	√		
		UNLEAD 1.5 SOHC 95				√	√	√	√	
		UNLEAD 1.5 SOHC 96-98				√	√	√	√	
		UNLEAD 1.5 SOHC 95-97				√	√	√	√	
		UNLEAD 1.5 SOHC 98				√	√	√	√	
		UNLEAD 1.5 DOHC MAF				√	√	√	√	
		UNLEAD 1.5 DOHC MAP				√	√	√	√	
	LEAN BURN 1.5 DOHC 98-99				√	√	√	√		
	AUTOMATIC TRANSAXLE SYSTEM				√	√	√	√		
ANTI-LOCK BRAKE SYSTEM					√	√	√			
AIRBAG SYSTEM				√	√	√	√			
EXCEL	ENGINE CONTROL SYSTEM	ENGINE -SOHC			√	√	√			
	AUTOMATIC TRANSAXLE				√	√	√	√		
SCOUPE	ENGINE CONTROL SYSTEM	UNLEAD SOHC 91-92			√	√	√	√		
		UNLEAD SOHC 93-94				√	√	√	√	
		UNLEAD SOHC 95				√	√	√	√	
		UNLEAD SOHC TURBO 95				√	√	√	√	
		UNLEAD SOHC TURBO 92-94				√	√	√	√	
AUTOMATIC TRANSAXLE SYSTEM				√	√	√	√			
IAVITA	ENGINE CONTROL SYSTEM	1.5L			√	√	√			
		1.8L			√	√	√			
	AUTOMATIC TRANSAXLE SYSTEM				√	√	√	√		

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				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
LAVITA		ANTI-LOCK BRAKE SYSTEM			√	√	√	√	1.Air bleed	
		AIRBAG SYSTEM			√	√	√			
		TRACTION CONTROL SYSTEM			√	√	√	√		
I30	ENGINE CONTROL	GASOLINE		√	√	√	√	√		
		DIESEL		√	√	√	√	√		
	AUTOMATIC TRANSAXLE		√	√	√	√	√			
	ANTI LOCK BRAKE SYSTEM		√	√	√	√	√			
	SRS-AIRBAG		√	√	√	√				
	A/C		√	√	√	√	√			
	BODY CONTROL MODULE		√	√	√	√				
	EPS		√	√	√	√				
	SMK		√	√	√	√	√			
AVANTE HD	ENGINE CONTROL GASOLINE	1.6 CVVT		√	√	√	√	√		
		2.0 CVVT		√	√	√	√	√		
	ENGINE CONTROL DIESEL		√	√	√	√	√			
	AUTOMATIC TRANSAXLE	1.6 CVVT		√	√	√	√	√		
		2.0 CVVT		√	√	√	√	√		
		DIESEL		√	√	√	√	√		
	ANTI LOCK BRAKE SYSTEM		√	√	√	√	√			
	SRS-AIRBAG		√	√	√	√				
	A/C		√	√	√	√	√			
EPS		√	√	√	√					
BODY CONTROL MODULE		√	√	√	√					
NEW AVANTE XD	ENGINE CONTROL GASOLINE	1.5/1.6L			√	√	√	√	1.Idle Speed Adjustment	
		2.0L			√	√	√			
	ENGINE CONTROL DIESEL		√	√	√	√	√			
	AUTOMATIC TRANSAXLE	1.5/1.6 IMPROVED			√	√	√	√		
		2.0 NEW GENERATION			√	√	√	√		
DIESEL		√	√	√	√	√				

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

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					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
TOSCANI		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				√	√	√	√				
	SONATA(NF)	ENGINE CONTROL GASOLINE	2.0/2.4			√	√	√	√	√	1.Configuration delete 2.Version Configuration	
			2.0/2.4 +ETS			√	√	√	√	√	1.Configuration delete 2.Version Configuration	
LEAD 3.0L					√	√	√	√	√			
2.0/2.4(CAN)					√	√	√	√	√			
2.0/2.4+ETC(CAN)					√	√	√	√	√			
3.3 LEAD(CAN)					√	√	√	√	√			
ENGINE CONTROL LPI		LPI(EMS ECU)			√	√	√	√	√	1.Configuration delete 2.Version Configuration		
		LPI(IFB ECU)			√	√	√	√	√			
ENGINE CONTROL DIESEL					√	√	√	√	√			
AUTOMATIC TRANSAXLE		2.0/2.4L			√	√	√	√	√			
		LEAD 3.0L			√	√	√	√	√			
		2.0/2.4(CAN)			√	√	√	√	√			
		3.3 LEAD(CAN)				√	√	√	√			
		DIESEL			√	√	√	√	√			
ANTI-LOCK BRAKE SYSTEM					√	√	√	√	√			
SRS-AIRBAG					√	√	√	√				
FULL AUTO AIR/CON. SYSTEM					√	√	√	√	√			
ELEC.POWER STEERING					√	√	√	√				

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Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
EF SONATA		ELEC.CONTROL SUSPENSION			√	√	√	√		
		BODY CONTROL MODELE	LANE SENSOR APPLICATION		√	√	√		√	
	LANE SENSOR AMERICAN APPLICATION			√	√	√		√		
	ENGINE CONTROL GASOLINE	1.8/2.0L DOHC		√	√	√	√	√		
		2.5 V6-DOHC			√	√	√	√		
	ENGINE CONTROL LPG	2.0 LPG SIRIUS		√	√	√	√	√		
		2.0 LPG(2002) BETA		√	√	√	√	√		
		2.0 LPG(2003) BETA		√	√	√	√	√		
	AUTOMATIC TRANSAXLE	1.8/2.0			√	√	√	√		
		2.5			√	√	√	√		
		CVT			√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM			√	√	√	√	√	1.Air bleed	
	SRS-AIRBAG			√	√	√	√			
	TRACTION CONTROL SYSTEM				√	√	√	√		
	SONATA III	ENGINE CONTROL GASOLINE	SOHC			√	√	√	√	
DOHC					√	√	√	√		
ENGINE CONTROL LPG			√	√	√	√	√			
AUTOMATIC TRANSAXLE SYSTEM				√	√	√	√			
ANTI-LOCK BRAKE SYSTEM				√	√	√				
SRS-AIRBAG		√	√	√	√					
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		√	√	√	√	√		

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Areas	Vehicles	Systems	Sub System		Functions							
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
Korea	SONATA		V6-DOHC			√	√	√	√			
		ENGINE CONTROL LPG			√	√	√	√	√			
	TG GRANDEUR (AZERA)	ENGINE CONTROL GASOLINE	2.7L/3.3L/3.8L KWP			√	√	√	√			
			2.4L CAN			√	√	√	√			
			3.3L/3.8L/ KOBD CAN			√	√	√	√			
			2.7 L KOBD CAN			√	√	√	√			
		ENGINE DIESEL	2.2 VGT EURO 4 DIE			√	√	√	√			
		ENGINE CONTROL LPG	LPI(EMS ECU)			√	√	√	√	√		
			LPI(IFB ECU)			√	√	√	√	√		
		AUTOMATIC TRANSAXLE SYSTEM	2.7L/3.3L/3.8L/LPI KWP				√	√	√	√		
			2.4L CAN			√	√	√	√	√		
			2.7L/3.3L/3.8L KOBD CAN				√	√	√	√		
	DIESEL(VGT)				√	√	√	√	√			
		ANTI-LOCK BRAKE SYSTEM			√	√	√	√	√			
		AIRBAG SYSTEM			√	√	√	√				
		FULL ATUO AIR/CON.SYSTEM			√	√	√	√	√			
		ELEC.POWER STEERING			√	√	√	√				
	BODY CONTROL MODULE	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			√	√	√	√				
		ENGINE CONTROL GASOLINE	2.0/2.5 GASOLINE			√	√	√	√	√		
			3.0+ETS GASOLINE			√	√	√	√	√		

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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			√	√	√				
	3.8L LAMDA			√	√	√				
3.0/3.5L			√	√	√					

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EQUUS	AUTOMATIC TRANSAXLE	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	
AIRBAG SYSTEM	AIRBAG(OLD:98MY)		√	√	√	√				
	AIRBAG(NEW:98MY)		√	√	√	√				
DYNASTY	ENGINE CONTROL GASOLINE				√	√	√	√		
	ENGINE CONTROL LPG					√	√	√		
	AUTOMATIC TRANSAXLE SYSTEM					√	√	√		

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

Hyundai V47.90Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
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		√	√	√	√	√			
	BCM		√			√	√			
	SMART KEY		√	√	√	√	√			
ELE. TAIL GATE		√	√	√	√					
	ENGINE CONTROL SYSTEM	2.5L (TCI)		√	√	√	√	√		
		2.9L		√	√	√	√	√		
		3.5L GASOLINE		√	√	√	√	√		
		3.5L		√	√	√	√	√		

Hyundai V47.90Diagnostics List(Nota:For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
TERRACAN	ATUOMATIC TRANSAXLE	2.5L		√	√	√	√	√			
		2.9L (-2003)		√	√	√	√	√			
		2.9L (2004-)		√	√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM			√	√	√	√	√	1.Air bleed		
	SRS-AIRBAG		√	√	√	√					
GALLOPER II	4WD CONTROL			√	√	√					
	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			√	√	√	√			
SANTAMO	ENGINE CONTROL GASOLINE	SOHC			√	√	√	√			
		DOHC UNLEAD			√	√	√	√			
		DOHC 4WD			√	√	√	√			
	ENGINE CONTROL LPG	LPG -99		√	√	√	√	√			
		LPG 2000 YEAR(3 GENERATION)		√	√	√	√	√			
	AUTOMATIC TRANSAXLE				√	√	√	√			
	ANTI LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed		
	SRS-AIRBAG	-2001				√	√	√			
2002-					√	√	√				
TRAJET XG	ENGINE CONTROL GASOLINE	2.0 DOHC			√	√	√	√			
		2.7 DOHC			√	√	√	√			
	ENGINE CONTROL DIESEL	WGT		√	√	√	√	√			
		VGT		√	√	√	√	√			
	ENGINE CONTROL LPG			√	√	√	√	√			

Hyundai V47.90Diagnostics List(Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
SANTAFE(CM)		AUTOMATIC TRANSAXLE		√	√	√	√	√			
		ANTI LOCK BRAKE SYSTEM		√	√	√	√	√	1.Air bleed		
		SRS-AIRBAG		√	√	√	√				
		FUEL FIRED HEATER SYSTEM			√	√	√	√			
		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		√	√	√	√	√					
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		√	√	√						
ENGINE CONTROL GASOLINE	2.0 WGT EURO 3 DIESEL		√	√	√	√	√				
	2.0 CVVT SIEMENS		√	√	√	√	√				
	2.0 EURO 4 DIESEL(CAN)		√	√	√	√	√				

Hyundai V47.90Diagnostics List(Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
TUCSON		AUTOMATIC TRANSAXLE	2.0 EURO 4 DIESEL(KWP)	√	√	√	√	√	1.Version Configuration		
			AUTOMATIC TRANSAXLE(DIESEL)	√	√	√	√	√			
			2.0 WGT EURO 3 DIESEL	√	√	√	√	√			
			2.0 EURO 4 DIESEL(CAN)	√	√	√	√	√			
			2.0 CVVT SIEMENS	√	√	√	√	√			
		ANTI LOCK BRAKE SYSTEM		√	√	√	√				
		SRS-AIRBAG		√	√	√	√				
		4WD SYSTEM			√	√					
		BODY CONTROL MODULE	LANE SENSOR APPLICATION			√	√	√	√		
			LANE SENSOR AMERICAN APPLICATION				√	√	√	√	
ATOS F_LIFT 04 ALL		ENGINE SYSTEM	UNLEAD GEN	√	√	√	√	√			
			UNLEAD EOBD	√	√	√	√	√			
			UNLEAD MEX	√	√	√	√	√			
			LEAD ALL	√	√	√	√	√	IDLE CO ADJUSTMENT		
		AUTOMATIC TRANSAXLE SYSTEM			√	√	√	√			
		ANTI-LOCK BRAKE SYSTEM			√	√	√	√	1.Air bleed		
		SRS-AIRBAG		√	√	√	√				
		IMMOBILIZER						√	1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE		
		ENGINE SYSTEM	UNLEAD 1.0L GEN		√	√	√	√	√	1.Configuration delete	
			UNLEAD 1.1L GEN		√	√	√	√	√	1.Configuration delete	
UNLEAD EOBD			√	√	√	√	√				

Hyundai V47.90Diagnostics 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 06 ALL			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		√	√	√	√				
		IMMOBILIZER						√		1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE	
ATOS 1998-2004		ENGINE L4-SOHC	UNLEAD GENERAL			√	√	√	√		
			UNLEAD EOBD			√	√	√			
			UNLEAD MEX			√	√	√			
			UNLEAD IMM			√	√	√	√		
			LEAD ALL			√	√	√	√		
			UNLEAD GENERAL (SANTRO)			√	√	√	√		
			LEAD GENERAL (SANTRO)			√	√	√	√		
		AUTOMATIC TRANSAXLE SYSTEM			√	√	√	√			
		SAT SYSTEM									
		ANTI-LOCK BRAKE SYSTEM			√	√	√	√	√	1.Air bleed	
AIRBAG SYSTEM			√	√	√						

Hyundai V47.90Diagnostics List(Note:For reference only)

Areas	Vehicles	Systems	Sub System		Functions							
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
		IMMOBILIZER						√		1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE		
GETZ 2003-2004	ENGINE(GASOLINE)	UNLEAD GEN				√	√	√				
		LEAD ALL				√	√	√				
		UNLEAD EOBD					√	√	√			
	ENGINE-DIESEL					√	√	√	√			
	AUTOMATIC TRANSAXLE					√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	√			
	SRS AIRBAG	SRS AIRBAG(KWP ADDR)				√	√	√	√			
		SRS AIRBAG					√	√	√			
	IMMOBILIZER	GASOLINE					√	√				
		DIESEL					√	√				
ELEC.POWER STEERING					√	√	√	√				
	ENGINE (GASOLINE)	UNLEAD GEN				√	√	√	√			
		LEAD ALL				√	√	√	√	√	1.Idle Speed Adjustment	
		UNLEAD EOBD				√	√	√	√	√		
	ENGINE (DIESEL)					√	√	√	√	√	INJECTOR SPECIFIC DATA	
	AUTOMATIC TRANSAXLE						√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM					√	√	√	√	√	1.Air bleed	
	SRS-AIRBAG					√	√	√	√	√		
	ELEC.POWER STEERING					√	√	√	√			

Hyundai V47.90Diagnostics List(Note:For reference only)

Areas	Vehicles	Systems	Sub System		Functions						
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
	GETZ 2006	IMMOBILIZER	GASOLINE				√			1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE	
			DIESEL				√			1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE	
ACCENT(RB) 11-		ENGINE(GASOLINE)				√	√		√		
		AUTOMATIC TRANSAXLE			√	√	√	√	√		
		ANTI-LOCK BRAKE SYSTEM				√	√	√	√		
		SRS-AIRBAG			√	√	√	√			
		FULL AUTO AIR/CON.				√	√	√	√		
		ELEC.POWER STEERING				√	√	√	√		
		BODY CONTROL MODULE				√	√				

Hyundai V47.90Diagnostics 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 UNIT		√	√	√				
ACCENT 2006-		ENGINE (DIESEL)		√	√	√	√	√	1. INJECTOR SPECIFIC DATA 2. ENGINE TEST FUNCTION	
		ENGINE(GASOLINE)	UNLEAD_1.6L(CVVT)_GEN	√	√	√	√	√	RESETTING ADAPTIVE VALUES	
			UNLEAD_1.6L(CVVT)_EOBD	√	√	√	√	√	RESETTING ADAPTIVE VALUES	
			LEAD_1.6L(CVVT)_ALL	√	√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.IDLE CO ADJUSTMENT	
			UNLEAD_1.4L(DOHC)_GEN	√	√	√	√	√	RESETTING ADAPTIVE VALUES	
			UNLEAD_1.4L(DOHC)_EOBD	√	√	√	√	√	RESETTING ADAPTIVE VALUES	
			LEAD_1.4L(DOHC)_ALL	√	√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.IDLE CO ADJUSTMENT	
		AUTOMATIC TRANSAXLE	GASOLINE_A4AF3	√	√	√	√	√	RESETTING AUTO T/A VALUES	
			DIESEL_A4CF2	√	√	√	√	√	RESETTING AUTO T/A VALUES	
		ANTI-LOCK BRAKE SYSTEM		√	√	√	√	√	AIR BLEEDING MODE	
		AC		√	√	√	√	√		
		SRS-AIRBAG		√	√	√	√			
		EPS		√	√	√	√			
		IMMOBILIZER						√	1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE	
	ENGINE (GASOLINE)	UNLEAD GEN		√	√	√	√			
		LEAD ALL		√	√	√	√			
		UNLEAD EOBD		√	√	√	√			
		UNLEAD 03MY OBD-II		√	√	√	√		EVAP. TEST(DMTL TEST)	
		UNLEAD 04MY OBD-II		√	√	√	√	√	EVAP. TEST(DMTL TEST)	

Hyundai V47.90Diagnostics List(Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions								
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others		
ACCENT 2003-2004	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					√				
		ACCENT 2000-2002	ENGINE L4-SOHC	LEAD ALL			√	√	√	√	IDLE CO ADJUSTMENT	
				UNLEAD(GENERAL) ALL			√	√	√	√		
UNLEAD(EOBD) ALL					√	√	√	√				
UNLEAD(OBD-II) ALL					√	√	√	√	EVAP. TEST(DMTL TEST)			
UNLEAD(GENERAL India)					√	√	√	√				
ENGINE L4-DOHC	LEAD ALL				√	√	√	√	IDLE CO ADJUSTMENT			
	UNLEAD(GENERAL) ALL				√	√	√	√				
	UNLEAD(EOBD) ALL				√	√	√	√				
	UNLEAD(OBD-II) ALL				√	√	√	√	EVAP. TEST(DMTL TEST)			
	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			√	√	√	√				
		UNLEAD 1.5L 95MY			√	√	√	√				

Hyundai **V47.90** Diagnostics 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 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		√	√	√	√			
		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		√	√	√	√			

Hyundai **V47.90** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System		Functions					
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions
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			√	√	√	√			
	ENGINE(GASOLINE)	LEAD 1.6L ALL	√	√	√	√	√	IDLE CO ADJUSTMENT		
		UNLEAD 1.6L GEN	√	√	√	√	√			
		UNLEAD 1.6L EOBD	√	√	√	√	√			
LEAD 1.8L ALL			√	√	√	√	1.RESETTING ADAPTIVE VALUES 2. VERSION CONFIGURATION			
UNLEAD 1.8L GEN		√	√	√	√	√	1.Configuration delete 2.Idle Speed Adjustment			
UNLEAD 1.8L EOBD		√	√	√	√	√	1.Configuration delete 2.Idle Speed Adjustment			
GENERAL			√	√	√	√				
EOBD			√	√	√	√				
ENGINE(DIESEL)	1.5 D-ENGINE	√	√	√	√	√	ENGINE TEST FUNCTION			

Hyundai V47.90Diagnostics List(Note: For reference only)

Areas	Vehicles	Systems	Sub System		Functions						
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
								√		1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE	
		ENGINE(DIESEL)			√	√	√	√	√	1. INJECTOR SPECIFIC DATA 2. ENGINE TEST FUNCTION	
		ENGINE(GASOLINE)	UNLEAD_1.6L_GEN		√	√	√	√	√	RESETTING ADAPTIVE VALUES	
			UNLEAD_1.6L_EOBD		√	√	√	√	√	RESETTING ADAPTIVE VALUES	
			LEAD_1.6L_ALL		√	√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.IDLE CO ADJUSTMENT	
			UNLEAD_1.6L_OBD-II		√	√	√	√	√	RESETTING ADAPTIVE VALUES	
			UNLEAD_2.0L_GEN		√	√	√	√	√	RESETTING ADAPTIVE VALUES	
			UNLEAD_2.0L_EOBD		√	√	√	√	√	RESETTING ADAPTIVE VALUES	
			LEAD_2.0L_ALL		√	√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.IDLE CO ADJUSTMENT	
			UNLEAD_2.0L_OBD-II		√	√	√	√	√	RESETTING ADAPTIVE VALUES	
		AUTOMATIC TRANSAXLE	1.6_GASOLINE		√	√	√	√	√	RESETTING AUTO T/A VALUES	
			2.0_GASOLINE		√	√	√	√	√	RESETTING AUTO T/A VALUES	
			1.6_DIESEL		√	√	√	√	√	RESETTING AUTO T/A VALUES	
		ANTI-LOCK BRAKE SYSTEM				√	√	√	√	STEERING ANGLE SENSOR	
		AC			√	√	√	√	√		
		SRS-AIRBAG	ACU_GEN		√	√	√	√			
			ACU_NAS		√	√	√	√			
			WCS		√	√	√	√			
	ELANTRA 2007-	BCM	GENERAL		√			√	√		
			NAS		√			√	√		

Hyundai **V47.90** 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		
		IMMOBILIZER	GASOLINE				√			1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE		
			DIESEL				√			1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE		
		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)			√	√	√	√			
			EURO-4 VGT			√	√	√	√	√	INJECTOR SPECIFIC DATA	
		AUTOMATIC TRANSAXLE	1.6L			√	√	√	√			

Hyundai **V47.90** 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 2004-2006	AUTOMATIC TRANSAXLE	1.8/2.0L(SIEMENS PCM)		√	√	√	√	√	RESETTING AUTO T/A VALUES		
		ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed		
		SRS-AIRBAG					√	√	√			
		IMMOBILIZER	1.6L(GASOLINE)					√			1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE	
		IMMOBILIZER	1.8/2.0L(GASOLINE)					√			1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE	
		IMMOBILIZER	DIESEL				√			1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE		
			LEAD 1.6L ALL			√	√	√	√	IDLE CO ADJUSTMENT		

Hyundai V47.90 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 2001-2003		ENGINE(GASOLINE)	UNLEAD 1.6L GEN			√	√	√	√			
			UNLEAD 1.6L EOBD			√	√	√	√			
			LEAD 1.8/2.0L ALL			√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		
			UNLEAD 1.8/2.0L GEN			√	√	√	√			
			UNLEAD 1.8/2.0L EOBD			√	√	√	√			
			UNLEAD 2.0L(-SULEV) OBD			√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		
			UNLEAD 2.0L(SULEV) OBD			√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		
		ENGINE(DIESEL)				√	√	√	√			
		AUTOMATIC TRANSAXLE	1.6L			√	√	√	√			
			1.8/2.0L(MELCO TCM)			√	√	√	√			
			1.8/2.0L(SIEMENS PCM)			√	√	√	√	RESETTING AUTO T/A VALUES		
		ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed		
		SRS-AIRBAG				√	√	√				
		IMMOBILIZER							√		1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE	

Hyundai V47.90Diagnostics List(Note:For reference only)

Areas	Vehicles	Systems	Sub System		Functions								
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others		
		IMMOBILIZER											
			DIESEL				√			1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE			
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					√	√	√					

Hyundai V47.90 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-	ENGINE	LEAD 1.6L ALL		√	√	√		IDLE CO ADJUSTMENT		
		UNLEAD 1.6L GEN		√	√	√				
		UNLEAD 1.6L EOBD		√	√	√				
		LEAD 2.0L ALL		√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		
		UNLEAD 2.0L(-CVVT) GEN		√	√	√	√			
		UNLEAD 2.0L(+CVVT) GEN		√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		
		UNLEAD 2.0L(-CVVT) EOBD		√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		
		UNLEAD 2.0L(+CVVT) EOBD		√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		
		UNLEAD 2.0L(-CVVT) OBD-II		√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		
		UNLEAD 2.0L(CVVT) OBD-II		√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		
		LEAD 2.7L ALL		√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		
		UNLEAD 2.7L GEN		√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		
		UNLEAD 2.7L(TI) EOBD		√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		
		UNLEAD 2.7L(ZR) EOBD		√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		
		UNLEAD 2.7L(TI) OBD-II		√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		
		UNLEAD 2.7L(ZR) OBD-II		√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		
		AUTOMATIC TRANSAXLE		√	√	√	√	RESETTING AUTO T/A VALUES		
		ANTI-LOCK BRAKE SYSTEM		√	√	√	√	1.Air bleed		
		SRS-AIRBAG		√	√	√				
		TRACTION CONTROL SYSTEM		√	√	√	√			
AHLS SYSTEM		√	√	√	√					

Hyundai V47.90Diagnostics List(Note: For reference only)

Areas	Vehicles	Systems	Sub System		Functions								
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others		
		IMMOBILIZER		UNLEAD 1.6/2.0L IMM				√			1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE		
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				√	√	√	√	√				
SONATA(YF) 10	ENGINE(GASOLINE)	2.0/2.4L			√	√	√	√	√		1.RESETTING ADAPTIVE VALUES 2.AUTO DETECTED CONFIGURATION RES		
		GDI			√	√	√	√	√		1.RESETTING ADAPTIVE VALUES 2.AUTO DETECTED CONFIGURATION RES		
	AUTOMATIC TRANSAXLE				√	√	√	√	√		RESETTING AUTO T/A VALUES		
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	√		1.AIR BLEEDING MODE 2.VARIANT CODING		
	SRS-AIRBAG				√	√	√	√					

Hyundai V47.90Diagnostics List(Note: For reference only)

Areas	Vehicles	Systems	Sub System		Functions							
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
		IMMOBILIZER						√		1.PASSWORD TEACHING CHANGING 2.TEACHING 3.IMMOBILIZER RESET 4.LIMP HOME MODE 5.SMATRA NEUTRAL		
		FULL AUTO AIR/CON			√	√	√	√	√			
SONATA(F/L)		ENGINE(GASOLINE)	UNLEAD 2.0L(NON ETC) GEN		√	√	√	√	√	RESETTING ADAPTIVE VALUES		
			UNLEAD 2.0L(NON ETC) EOBD		√	√	√	√	√	RESETTING ADAPTIVE VALUES		
			LEAD 2.0L(ETC) ALL		√	√	√	√	√	RESETTING ADAPTIVE VALUES		
			UNLEAD 2.4L(ETC) GEN		√	√	√	√	√	RESETTING ADAPTIVE VALUES		
			UNLEAD 2.4L(ETC) EOBD		√	√	√	√	√	RESETTING ADAPTIVE VALUES		
			UNLEAD 2.4L(ETC) ALL		√	√	√	√	√	RESETTING ADAPTIVE VALUES		
			LEAD 3.3L GEN		√	√	√	√	√	1.PCM LOCK(MEC) SETTING 2.PCM AUTO DETECTION RESET		
			UNLEAD 3.3L EOBD		√	√	√	√	√	1.PCM LOCK(MEC) SETTING 2.PCM AUTO DETECTION RESET		
		LEAD 3.3L ALL		√	√	√	√	√	1.PCM LOCK(MEC) SETTING 2.PCM AUTO DETECTION RESET 3.IDLE CO ADJUSTMENT			
		ENGINE(DIESEL)	EURO-4 VGT(CAN)		√	√	√	√	√	1. INJECTOR SPECIFIC DATA 2. CPF SERVICE REGENERATION 3. ENGINE TEST FUNCTION		
		AUTOMATIC TRANSAXLE	2.0/2.4L		√	√	√	√	√	√	RESETTING AUTO T/A VALUES	
			3.3L			√	√	√	√	√	RESETTING AUTO T/A VALUES	
			EURO-4 VGT(CAN)		√	√	√	√	√	√	RESETTING AUTO T/A VALUES	
		ABS/EPS			√	√	√	√	√	√	STEERING ANGLE SENSOR	
		SRS-AIRBAG			√	√	√	√				
ELEC.CONTROL SUSPENSION			√	√	√	√						
ELEC.POWER STEERING			√	√	√	√						
FULL AUTO AIR/CON			√	√	√	√	√	√				
BODY CONTROL MODULE			√			√	√	√				

Hyundai **V47.90** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System		Functions						
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
		IMMOBILIZER	GASOLINE				√		1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE		
			DIESEL				√		1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE		
		ENGINE GASIONE	2.0/2.4L		√	√	√	√	√	1.Configuration delete 2.Version Configuration	
			2.0/2.4L +ETC		√	√	√	√	√	1.Configuration delete 2.Version Configuration	
			LEAD 3.0L			√	√	√	√		
			2.0/2.4(CAN)		√	√	√	√	√		
			2.0/2.4L +ETC(CAN)		√	√	√	√	√		
			3.3 LEAD(CAN)		√	√	√	√	√		
		ENGINE DIESIE	ENGINE CONTROL DIESEL		√	√	√	√	√	1. INJECTOR SPECIFIC DATA 2. CPF SERVICE REGENERATION	
			2.0L VGT EURO (DIESIE)		√	√	√	√	√		
		ENGINE LPG	2.0 LPI(EMS ECU)		√	√	√	√	√	1.Configuration delete 2.Version Configuration	
			2.0 LPI(IFB ECU)		√	√	√	√	√		

Hyundai V47.90Diagnostics List (Note:For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
SONATA 2005-2006	AUTOMATIC TRANSAXLE SYSTEM	2.0/2.4L		√	√	√	√	√	RESETTING AUTO T/A VALUES		
		LEAD 3.0L		√	√	√	√	√	RESETTING AUTO T/A VALUES		
		2.0/2.4(CAN)		√	√	√	√	√	RESETTING AUTO T/A VALUES		
		3.3 LEAD(CAN)			√	√	√	√			
		DIESEL		√	√	√	√	√	RESETTING AUTO T/A VALUES		
	ANTI-LOCK BRAKE SYSTEM			√	√	√	√	√			
	AIRBAG SYSTEM			√	√	√	√	√			
	ELEC.CONTROL SUSPENSION				√	√	√	√			
	ELEC.POWER STEERING				√	√	√	√			
	FULL AUTO AIR/CON. SYSTEM				√	√	√	√			
	BODY CONTROL MODELE					√	√		√		
	IMMOBILIZER	GASOLINE						√		1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE	
	IMMOBILIZER	DIESEL						√		1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE	
		UNLEAD GEN			√	√	√	√			

Hyundai V47.90Diagnostics 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 IMM		√	√	√	√	√			
		LEAD ALL		√	√	√	√	√			
		UNLEAD EOBD		√	√	√	√	√			
		UNLEAD OBD-II		√	√	√	√	√			
		LPG(~2002) ALL		√	√	√	√	√			
		LPG(~2003-) ALL		√	√	√	√	√			
		UNLEAD GEN(india)		√	√	√	√	√			
		ENGINE V6-DOHC	UNLEAD GEN		√	√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION	
			O2 UNLEAD IMM		√	√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION	
			LEAD ALL		√	√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION	
			UNLEAD(TI O2S) EOBD		√	√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION	
			UNLEAD(ZR O2S) EOBD		√	√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION	
			UNLEAD(TI O2S) OBD-II		√	√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION	
			UNLEAD(ZR O2S) OBD-II		√	√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION	
	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			√	√	√	√			

Hyundai **V47.90** 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	UNLEAD 2.0L ALL		√	√	√	√			
		LEAD 1.8L ALL		√	√	√	√			
		LEAD 2.0L ALL		√	√	√	√			
		OBD-II 97MY		√	√	√	√			
		OBD-II 98MY		√	√	√	√			
		SONATA SOHC		√	√	√	√			
		SONATA II 1.8L SOHC		√	√	√	√			
		SONATA II 2.0L SOHC		√	√	√	√			
		SONATA III 1.8L SOHC		√	√	√	√			
		SONATA III 2.0L SOHC		√	√	√	√			
	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		√	√	√	√			
	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			√	√	√				
		ENGINE L4-SOHC			√	√	√	√		

Hyundai **V47.90** 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-DOHC				√	√	√	√			
		ENGINE V6-SOHC				√	√	√	√			
		AUTOMATIC TRANSAXLE				√	√	√	√			
	GRANDEUR 1994-1998	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			√	√	√			
			NEW 2.5L DOHC	OLD AIRBAG			√	√	√			
				NEW AIRBAG			√	√	√			
			NEW 3.0L SOHC	OLD AIRBAG			√	√	√			
				NEW AIRBAG			√	√	√			
			NEW 3.0L DOHC	OLD AIRBAG			√	√	√			
				NEW AIRBAG			√	√	√			
			NEW 3.5L DOHC	OLD AIRBAG			√	√	√			
				NEW AIRBAG			√	√	√			
			GRANDEUR 1983-1993	ENGINE L4-SOHC				√	√	√	√	
ENGINE V6-SOHC						√	√	√	√			
AUTOMATIC TRANSAXLE						√	√	√	√			
		LEAD ALL			√	√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		
		LEAD(+ETS) ALL				√	√	√	√			
		UNLEAD GEN			√	√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		

Hyundai V47.90 Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
XG 1999-2005	ENGINE L4-SOHC	UNLEAD(+ETS) GEN		✓	✓	✓	✓			
		UNLEAD(TI O2S) IMM	✓	✓	✓	✓	✓	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		
		UNLEAD(ZR O2S) IMM		✓	✓	✓	✓	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		
		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(AZERA)	ENGINE GASOLINE	2.7L/3.3L/3.8L KWP		✓	✓	✓	✓			
		2.4L CAN	✓	✓	✓	✓	✓			
		3.3L/3.8L KOBD CAN	✓	✓	✓	✓	✓			
		2.7L KOBD CAN	✓	✓	✓	✓	✓			
	ENGINE DIESEL	2.2 VGT EURO 4 DIESEL(CAN)	✓	✓	✓	✓	✓			
	ENGINE CONTROL LPG	LPI(EMS ECU)	✓	✓	✓	✓	✓			
		LPI(IFB ECU)	✓	✓	✓	✓	✓			
	ATUOMATIC TRANSAXLE			✓	✓	✓	✓			
	ANTI-LOCK BRAKE SYSTEM		✓	✓	✓	✓	✓			
	SRS-AIRBAG	NOMORAL NATIONAL AVIGATION AND SPACEFLIGHT STANDARD [AMERICAN]	✓	✓	✓	✓	✓			
			✓	✓	✓	✓	✓			
ELEC.POWER SREERING		✓	✓	✓	✓	✓				
FULL AUTO AIR/CON.		✓	✓	✓	✓	✓				

Hyundai V47.90Diagnostics 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			√	√	√	√	√			
		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)				√	√	√			
	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	
			ITT TYPE				√	√	√	√		

Hyundai V47.90Diagnostics List(Note:For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
		TRACTION CONTROL SYSTEM	CTC TYPE(2009~)		√	√	√	√		
		07.ECS	ECS		√	√	√	√		
			ACTIVE ECS				√	√		
		AC			√	√	√	√		
		LAN			√	√	√	√	√	
		AHLS SYSTEM			√	√	√	√		
H-100 1994-2001	ENGINE L4-SOHC	UNLEAD 94-96MY ALL			√	√	√	√		
		UNLEAD 97-2000MY			√	√	√	√		
		LEAD 94-96MY ALL			√	√	√	√		
		LEAD 97-2000MY			√	√	√	√		
		LEAD 97-98MY M.E			√	√	√	√		
		DIESEL			√	√	√	√		
H100- TRUCK 1997-2004	ENGINE L4-SOHC	GASOLINE			√	√	√	√		
		DIESEL			√	√	√	√		
		ANTI-LOCK BRAKE SYSTEM			√	√	√	√	1.Air bleed	
H100- TRUCK 2004-	ENGINE				√	√	√	√	√	
		AUTOMATIC TRANSAXLE			√	√	√	√		
		ANTI-LOCK BRAKE SYSTEM			√	√	√	√	√	1.Air bleed
		IMMOBILIZER						√	1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE	
	ENGINE(GASOLINE)	UNLEAD GEN CAN			√	√	√	√	√	RESETTING ADAPTIVE VALUES
		UNLEAD EOBD CAN			√	√	√	√	√	RESETTING ADAPTIVE VALUES

Hyundai V47.90 Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System		Functions						
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
H-1 2007-			LEAD ALL CAN		√	√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.IDLE CO ADJUSTMENT	
		ENGINE(DIESEL)	T/CHARGER(COVEC-F)		√	√	√	√	√		
			CRDI(A-ENG) EURO-4 (-CPF)		√	√	√	√	√	1. INJECTOR SPECIFIC DATA 2. ENGINE TEST FUNCTION	
			CRDI(A-ENG) EURO-4 (+CPF)		√	√	√	√	√	1. INJECTOR SPECIFIC DATA 2. CPF SERVICE REGENERATION 3. ENGINE TEST FUNCTION	
		AUTOMATIC TRANSAXLE	GASOLINE		√	√	√	√	√	RESETTING AUTO T/A VALUES	
			T/CHARGER(COVEC-F)		√	√	√	√	√		
			CRDI(A-ENG) EURO-4		√	√	√	√	√	1.RESETTING AUTO T/A VALUES 2.CLEAR SUBROM DATA	
		ABS/ESP			√	√	√	√	√	AIR BLEEDING MODE	
		SRS-AIRBAG			√	√	√	√			
		FULL AUTO AIR/CON			√	√	√	√	√		
		BODY CONTROL MODULE			√			√	√		
		FUEL FIRED HEATER				√	√	√	√		
			GASOLINE					√	1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE		

Hyundai **V47.90** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System		Functions						
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
Non Korea		IMMOBILIZER	T/CHARGER (COVEC-F)				√		1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE		
			CRDI (A-ENG) EURO-4				√		1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE		
	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				√	√	√	√			
ANTI LOCK BRAKE SYSTEM	2WD				√	√	√	√	1.Air bleed		
	4WD				√	√	√	√	1.Air bleed		
SRS AIRBAG					√	√	√				

Hyundai **V47.90** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System		Functions							
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
	H-1 1998-2004	FUEL FIRED HEATER				√	√	√	√			
		IMMOBILIZER	DIESEL (CRDI)						√		1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE	
			DIESEL (CRDI EURO-4)						√		1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE	
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			√	√	√	√	√			
		LEAD ALL			√	√	√	√	√		1.Idle Speed Adjustment 2.RESETTING ADAPTIVE VALUES 3.VERSION CONFIGURATION	

Hyundai **V47.90** 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 2001-2005	ENGINE 2.7L(GASOLINE)	UNLEAD(TI O2S) GEN		√	√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION	
		UNLEAD(ZR O2S) GEN		√	√	√	√	√	1.Configuration delete 2.Version Configuration	
		UNLEAD(TI O2S) EOBD		√	√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION	
		UNLEAD(ZR O2S) EOBD		√	√	√	√	√	1.Read FreezeFrame Data 2.RESETTING ADAPTIVE VALUES 3.VERSION CONFIGURATION	
		UNLEAD(TI O2S) OBD-II		√	√	√	√	√	1.Read FreezeFrame Data 2.RESETTING ADAPTIVE VALUES 3.VERSION CONFIGURATION	
		UNLEAD(ZR O2S) OBD-II		√	√	√	√	√	1.Read FreezeFrame Data 2.RESETTING ADAPTIVE VALUES 3.VERSION CONFIGURATION	
	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				√	√	√				
ENGINE(GASOLINE)	UNLEAD GEN		√	√	√	√	√	1.PCM LOCK(MEC) SETTING 2.PCM AUTO DETECTION RESET		
	UNLEAD EOBD		√	√	√	√	√	1.PCM LOCK(MEC) SETTING 2.PCM AUTO DETECTION RESET		
	LEAD ALL		√	√	√	√	√	1.PCM LOCK(MEC) SETTING 2.PCM AUTO DETECTION RESET 3.IDLE CO ADJUSTMENT		

Hyundai **V47.90** 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 (CM)06-			UNLEAD OBD-II	√	√	√	√	√	1.PCM LOCK(MEC) SETTING 2.PCM AUTO DETECTION RESET	
		ENGINE(DIESEL)	EURO-3 WGT(KWP)	√	√	√	√	√	INJECTOR SPECIFIC DATA	
			EURO-4 VGT -CPF(CAN)	√	√	√	√	√	1. INJECTOR SPECIFIC DATA 2. ENGINE TEST FUNCTION	
			EURO-4 VGT +CPF(CAN)	√	√	√	√	√	1. INJECTOR SPECIFIC DATA 2. CPF SERVICE REGENERATION 3. ENGINE TEST FUNCTION	
		AUTOMATIC TRANSAXLE	GASONLINE	√	√	√	√	√	RESETTING AUTO T/A VALUES	
			EURO-3 WGT(KWP)	√	√	√	√	√	RESETTING AUTO T/A VALUES	
			EURO-4 VGT(CAN)	√	√	√	√	√	RESETTING AUTO T/A VALUES	
		ABS/ESP		√	√	√	√	√	STEERING ANGLE SENSOR	
		SRS-AIRBAG	GENERAL	√	√	√	√			
			NAS	√	√	√	√			
		FULL AUTO AIR/CON.		√	√	√	√	√		
		BODY CONTROL MODULE	GENERAL	√			√	√		
			NAS	√			√	√		
		4WD CONTROL		√	√	√				

Hyundai V47.90Diagnostics List(Note: For reference only)

Areas	Vehicles	Systems	Sub System		Functions							
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
		IMMOBILIZER	GASOLINE				√			1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE		
			EURO-3 WGT(KWP)				√			1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE		
			EURO-4 VGT(CAN)				√			1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE		
		ENGINE 2.0L(GASOLINE)	LEAD ALL			√	√	√	√			
			UNLEAD GEN				√	√	√	√		
			UNLEAD EOBD				√	√	√	√		

Hyundai **V47.90** Diagnostics List (Note: 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		ENGINE 2.7L(GASOLINE)	LEAD ALL		√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		
			LEAD(F/LIFT) ALL	√	√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		
			UNLEAD GEN		√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		
			UNLEAD(ZR O2S) GEN	√	√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		
			UNLEAD(TI O2S) EOBD		√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		
			UNLEAD(ZR O2S) EOBD		√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.VERSION CONFIGURATION		
		ENGINE(DIESEL)	WGT		√	√	√	√			
			VGT		√	√	√	√			
		ENGINE(LPG)		√	√	√	√	√			
		AUTOMATIC TRANSAXLE	2.0(MELCO)/2.7	√	√	√	√	√			
			2.0(SIEMENS)	√	√	√	√	√	RESETTING AUTO T/A VALUES		
			DIESEL	√	√	√	√	√			
		ANTI-LOCK BRAKE SYSTEM		√	√	√	√	√	1.Air bleed		
		SRS-AIRBAG		√	√	√	√				
				2.0 (SIEMENS)				√		1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE	

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Hyundai V47.90Diagnostics List(Note:For reference only)

Areas	Vehicles	Systems	Sub System		Functions									
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others			
		IMMOBILIZER												
			DIESEL					√			1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE			
		FUEL FIRED HEATER					√	√	√	√				
	TAXI 1994-2001	ENGINE L4-SOHC FBM					√	√	√	√				
		AUTOMATIC TRANSAXLE					√	√	√	√				
	TERRACAN 2001-2007	ENGINE	2.5L DIESEL(TCI)		√	√	√	√	√					
2.9L DIESEL(C/RAIL)				√	√	√	√	√	√		INPUT_INJECTOR_DATA			
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			√	√	√						
		IMMOBILIZER								√	1.PASSWORD TEACHINGCHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE			
		ENGINE V6-SOHC	UNLEAD 3.0L GEN			√	√	√	√					
			UNLEAD 3.0L IMM/ME				√	√	√	√				
			LEAD 3.0L GEN				√	√	√	√				

Hyundai V47.90Diagnostics List(Note:For reference only)

Areas	Vehicles	Systems	Sub System	Functions							
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
GALLOPER-II ALL			LEAD 3.0L IMM		√	√	√	√			
			DIESEL(COVEC-F)		√	√	√	√			
		ENGINE SYSTEM LPG	LPG ~1999MY	√	√	√	√	√			
			LPG 2000MY	√	√	√	√	√			
		AUTOMATIC TRANSAXLE			√	√	√	√			
		ANTI-LOCK BRAKE SYSTEM	~2000MY			√	√	√	√		
			2001MY BOSCH			√	√	√	√	1.Air bleed	
SRS-AIRBAG				√	√	√					
SANTAMO ALL		ENGINE L4-SOHC	UNLEAD 2.0L ALL		√	√	√	√			
			LEAD 2.0L ALL		√	√	√	√			
		ENGINE L4-DOHC	UNLEAD 2.0L ALL		√	√	√	√			
			LEAD 2.0L ALL		√	√	√	√			
		ENGINE LPG		√	√	√	√				
		AUTOMATIC TRANSAXLE			√	√	√	√			
		ANTI-LOCK BRAKE SYSTEM			√	√	√	√	1.Air bleed		
SRS-AIRBAG				√	√	√					
GALLOPER ALL		ENGINE SYSTEM	2.4L SOHC		√	√					
			3.4L SOHC		√	√					
AVANTE 2004-2005		ENGINE(GASOLINE)			√	√	√	√			
		AUTOMATIC TRANSAXLE			√	√	√	√			
		ANTI-LOCK BRAKE SYSTEM			√	√	√	√	1.Air bleed		
		SRS-AIRBAG			√	√	√				
		TRACTION CONTROL SYSTEM			√	√	√	√			
AVANTE 2001-2003		ENGINE			√	√	√	√			
		AUTOMATIC TRANSAXLE			√	√	√	√			
		ANTI-LOCK BRAKE SYSTEM			√	√	√	√	1.Air bleed		
		SRS-AIRBAG			√	√	√				
		TRACTION CONTROL SYSTEM			√	√	√	√			
		ENGINE L4-SOHC	UNLEAD 1.5L GEN		√	√	√	√			

Hyundai V47.90Diagnostics 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 1.5L 96MY KOR		√	√	√	√			
		UNLEAD 1.5L 97-98MY KOR		√	√	√	√			
		UNLEAD 1.6-2.0L GEN		√	√	√	√			
		UNLEAD 96MY OBD-II		√	√	√	√			
		UNLEAD 97MY OBD-II		√	√	√	√			
		UNLEAD 98MY OBD-II		√	√	√	√			
		UNLEAD 99-00MY OBD-II		√	√	√	√			
	AUTOMATIC TRANSAXLE	-99MY(A4BF1)		√	√	√	√			
		2000MY(A4BF2)		√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM			√	√	√	√	1.Air bleed		
	SRS-AIRBAG			√	√	√				
TRACTION CONTROL SYSTEM			√	√	√	√				
DYNASTY 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			√	√	√	√				
TIBURON ALL	ENGINE SYSTEM			√	√	√	√			
	AUTOMATIC TRANSAXLE SYSTEM			√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM			√	√	√	√			
	AIRBAG SYSYTEM			√	√	√				
ATOZ ALL	ENGINE SYSTEM			√	√	√	√			
	AUTOMATIC TRANSAXLE SYSTEM			√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM			√	√	√	√			
	AIRBAG SYSYTEM			√	√	√				

Hyundai V47.90Diagnostics List(Note: For reference only)

Areas	Vehicles	Systems	Sub System		Functions								
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others		
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 CONTROL SYSTEM	GRANDEUR XG 2.0/2.5L		√	√	√	√					
			GRANDEUR XG 3.0L		√	√	√	√					
		EQUUS		ENGINE SYSTEM	3.0L		√	√	√	√	√		
					3.0L +ECS		√	√	√	√	√		
3.5L +ECS					√	√	√	√	√				
3.8L					√	√	√	√	√				
4.5L GDI					√	√	√	√	√				
4.5L MPI					√	√	√	√	√				
AUTOMATIC TRANSAXLE SYSTEM	3.3/3.5L				√	√	√	√	√				
	3.8L				√	√	√	√	√				
	4.5L				√	√	√	√	√				
VDC SYSTEM	MELCO				√	√	√	√	√				
	CTC TYPE(2009-)				√	√	√	√	√				
ANTI-LOCK BRAKE SYSTEM	ITI TYPE				√	√	√	√	√	1.Air bleed			
	CTC TYPE				√	√	√	√	√	1.Air bleed			
AIRBAG SYSTEM	2002 MY (SRE-SMART)				√	√	√	√					
ECS	ECS				√	√	√	√	√				
	ACTIVE ECS						√	√					
TCS	ITI TYPE				√	√	√	√	√				

Hyundai V47.90Diagnostics List (Note:For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
		TCU	CTC TYPE(2009-)		√	√	√	√		
		AC			√	√	√	√		
		EPS		√	√	√	√			
		AHLS		√	√	√	√			
		BODY	-2002(LAN)	√	√	√	√			
			2002(LAN)	√	√	√	√			
		KEY					√	√		
		ENGINE(GASOLINE)	LEAD 2.0L GEN	√	√	√	√	√	RESETTING ADAPTIVE VALUES	
			UNLEAD 2.0L EOBD	√	√	√	√	√	RESETTING ADAPTIVE VALUES	
			UNLEAD 2.0L OBD-II	√	√	√	√	√	RESETTING ADAPTIVE VALUES	
			LEAD 2.0L ALL	√	√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.IDLE CO ADJUSTMENT	
			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)	√	√	√	√	√	1. INJECTOR SPECIFIC DATA 2. CPF SERVICE REGENERATION 3. ENGINE TEST FUNCTION	
			EURO-4 VGT(KWP)	√	√	√	√	√	1. INJECTOR SPECIFIC DATA 2. CPF SERVICE REGENERATION	
		AUTOMATIC TRANSAXLE	2.0 EURO-4	√	√	√	√	√	RESETTING AUTO T/A VALUES	
			2.0/2.7L (MELCO TCM)		√	√	√	√		
			2.0L(SIEMENS PCM)	√	√	√	√	√	RESETTING AUTO T/A VALUES	
		ANTI-LOCK BRAKE SYSTEM		√	√	√	√	√	AIR BLEEDING MODE	
		SRS-AIRBAG	GENERAL	√	√	√	√			
			NATIONAL AVIGATION AND SPACEFLIGHT STANDARD [AMERICA]	√	√	√	√			
		4WD			√	√				

Hyundai **V47.90** 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	IMMOBILIZER	2.0L GASOLINE				√		01.PASSWORD TEACHING/CHANGING 02.TEACHING 03.NEUTRAL MODE 04.LIMP HOME MODE 05.SMARTRA NEUTRAL		
			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 NEUTRAL	
		FULL AUTO AIR/CON. SYSTEM				√	√	√	√	√	

Hyundai V47.90Diagnostics List(Note: For reference only)

Areas	Vehicles	Systems	Sub System		Functions						
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
VERNA	ETACS	GENERAL		√			√	√			
		NAS		√			√	√			
		CHINA(JMC)		√			√	√			
	ENGINE			√	√	√	√	√			
	ENGINE DIESEL			√	√	√	√	√			
	AUTOMATIC TRANSAXLE			√	√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM				√	√	√	√	1.Air bleed		
	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		√	√	√	√	√	RESETTING ADAPTIVE VALUES		
		UNLEAD GEN		√	√	√	√	√	RESETTING ADAPTIVE VALUES		
	LEAD ALL		√	√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.IDLE CO ADJUSTMENT			
ENGINE(DIESEL)			√	√	√	√	√	1. INJECTOR SPECIFIC DATA 2. ENGINE TEST FUNCTION	FROZEN FRAME		
AUTOMATIC TRANSAXLE			√	√	√	√	√	RESETTING AUTO T/A VALUES			
ABS/ESP			√	√	√	√	√	AIR BLEEDING MODE			
SRS-AIRBAG			√	√	√	√	√				

Hyundai V47.90 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	SRS-AIRBAG(india)			√	√	√	√	√			
		ELEC.POWER STEERING			√	√	√	√				
		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			√	√	√	√	√	RESETTING ADAPTIVE VALUES	
			UNLEAD 1.4/1.6L EOBD			√	√	√	√	√	RESETTING ADAPTIVE VALUES	
LEAD 1.6L ALL				√	√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.IDLE CO ADJUSTMENT			
UNLEAD 1.6L OBD-II				√	√	√	√	√	RESETTING ADAPTIVE VALUES			
UNLEAD 2.0L GEN				√	√	√	√	√	RESETTING ADAPTIVE VALUES			
UNLEAD 2.0L EOBD				√	√	√	√	√	RESETTING ADAPTIVE VALUES			

Hyundai **V47.90** 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	√	√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.IDLE CO ADJUSTMENT	
			UNLEAD 2.0L OBD-II	√	√	√	√	√	RESETTING ADAPTIVE VALUES	
		ENGINE(DIESEL)	1.6 U-ENGINE WITHOUT CPF	√	√	√	√	√	1. INJECTOR SPECIFIC DATA 2. ENGINE TEST FUNCTION	
			1.6 U-ENGINE WITH CPF	√	√	√	√	√	1. INJECTOR SPECIFIC DATA 2. CPF SERVICE REGENERATION 3. ENGINE TEST FUNCTION	
			2.0 D-ENGINE	√	√	√	√	√	1. INJECTOR SPECIFIC DATA 2. CPF SERVICE REGENERATION 3. ENGINE TEST FUNCTION	
			1.6 U2-ENGINE WITH CPF	√	√	√	√	√		
		AUTOMATIC TRANSAXLE	1.4/1.6L	√	√	√	√	√	RESETTING AUTO T/A VALUES	
			2.0L	√	√	√	√	√	RESETTING AUTO T/A VALUES	
		ABS/ESP		√	√	√	√	√		
		SRS-AIRBAG	ACU(GEN)	√	√	√	√			
			ACU(NAS)	√	√	√	√			
			WCS	√	√	√	√			
		TPMS		√	√	√	√	√		
		FULL AUTO AIR/CON	EOBD	√	√	√	√	√		
			GENERAL	√	√	√	√	√		
		ELEC.POWER STEERING		√	√	√	√		ASP CALIBRATION	
		BODY CONTROL MODULE	GENERAL	√	√	√	√	√		
			NAS	√	√	√	√	√		
		IMMOBILIZER	GASOLINE		√					
			DIESEL		√					
ENGINE(GASOLINE)	UNLEAD 3.3/3.8L GEN	√	√	√	√	√	1.PCM LOCK(MEC) SETTING 2.PCM AUTO DETECTION RESET			
	UNLEAD 3.3/3.8L EOBD	√	√	√	√	√	1.PCM LOCK(MEC) SETTING 2.PCM AUTO DETECTION RESET			
	UNLEAD 3.3/3.8L OBD-II	√	√	√	√	√	1.PCM LOCK(MEC) SETTING 2.PCM AUTO DETECTION RESET			
AUTOMATIC TRANSAXLE	3.3/3.8L	√	√	√	√	√	RESETTING AUTO T/A VALUES			

Hyundai **V47.90** 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		ABS/ESP/ESC			√	√	√	√	√			
		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)		√	√	√	√	√			
			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					√			1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE		
			ENGINE GASOLINE		√	√	√	√	√	RESETTING ADAPTIVE VALUES		
			AUTOMATIC TRANSAXLE SYSTEM		√	√	√	√	√			

Hyundai **V47.90** 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	INDIA		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		√	√	√	√	√					
	OUTINDIA		ENGINE(GASOLINE)	UNLEAD 1. 2L (KAPA) GEN		√	√	√	√	√	1.RESETTING ADAPTIVE VALUES	
				UNLEAD 1. 2L (KAPA) EOBD		√	√	√	√	√	1.RESETTING ADAPTIVE VALUES	
				LEAD 1. 2L (KAPA) ALL		√	√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.IDLE CO ADJUSTMENT	
				UNLEAD 1. 2L (KAPA) OBD-II		√	√	√	√	√	1.RESETTING ADAPTIVE VALUES	
				UNLEAD 1. 6L GEN		√	√	√	√	√	1.RESETTING ADAPTIVE VALUES	
				UNLEAD 1. 6L EOBD		√	√	√	√	√	1.RESETTING ADAPTIVE VALUES	
				LEAD 1. 6L ALL		√	√	√	√	√	1.RESETTING ADAPTIVE VALUES 2.IDLE CO ADJUSTMENT	
				UNLEAD 1. 6L OBD-II		√	√	√	√	√	1.RESETTING ADAPTIVE VALUES	
			ENGINE(DIESEL)	1. 4 U-ENGINE WITHOUT CPF		√	√	√	√	√	1.COMPONENT CHANGE ROUTINE 2.INPUT INJECTOR DATA	
1. 6 U2-ENGINE WITH CPF					√	√	√	√	√	1.COMPONENT CHANGE ROUTINE 2.INPUT INJECTOR DATA		
AUTOMATIC TRANSAXLE		√	√	√	√	√						

Hyundai V47.90Diagnostics 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.SOLENOID VALUES TEST 2.VARIANT CODING	
			SRS-AIRBAG	√	√	√				
			ELEC.POWER STEERING	√	√	√	√			
			BODY CONTROL UNIT	√	√	√		√		
			FULL AUTO AIR/CON.	√	√	√	√	√		
			IMMOBILIZER				√		1.PASSWORD TEACHING/CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE 5.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		√	√	√	√		
				UNLEAD GEN	√	√	√	√	√	

Hyundai V47.90 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	Santro 2004-2005	ENGINE SYSTEM	UNLEAD EOBD		√	√	√	√	√		
			UNLEAD MEX		√	√	√	√	√		
			LEAD ALL		√	√	√	√	√		
		AUTOMATIC TRANSAXLE SYSTEM			√	√	√	√			
		ANTI-LOCK BRAKE SYSTEM			√	√	√	√		1.Air bleed	
		SRS-AIRBAG			√	√	√	√			
ALL	Santro 1998-2003	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			√	√	√				
		ENGINE(GASOLINE)	UNLEAD 2.0L(TCI) GEN		√	√	√	√	√	1.FREEZE FRAME DATA 2.RESETTING ADAPTIVE VALUES	
			UNLEAD 2.0L(TCI) EOBD		√	√	√	√	√	1.FREEZE FRAME DATA 2.RESETTING ADAPTIVE VALUES	
			LEAD 2.0L(TCI) ALL			√	√	√	√	1.FREEZE FRAME DATA 2.RESETTING ADAPTIVE VALUES 3.IDLE CO ADJUSTMENT	
			UNLEAD 3.8L GEN		√	√	√	√	√	1.FREEZE FRAME DATA 2.PCM AUTO DETECTION RESET 3.PCM LOCK(MEC)SETTING	
			UNLEAD 3.8L EOBD		√	√	√	√	√	1.FREEZE FRAME DATA 2.PCM AUTO DETECTION RESET 3.PCM LOCK(MEC)SETTING	

Hyundai V47.90Diagnostics List(Note: For reference only)

Areas	Vehicles	Systems	Sub System		Functions							
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
ENGENESIS COUPE			LEAD 3.8L ALL		√	√	√	√	√	1.FREEZE FRAME DATA 2.PCM AUTO DETECTION RESET 3.PCM LOCK(MEC)SETTING 4.IDLE CO ADJUSTMENT		
			UNLEAD 3.8L OBD-II		√	√	√	√	√	1.FREEZE FRAME DATA 2.RESETTING ADAPTIVE VALUES 3.PCM LOCK(MEC)SETTING		
		AUTOMATIC TRANSAXLE	2.0L		√	√	√	√	√	1.RESETTING AUTO T/A VALUES 2.FREEZE FRAME DATA		
			3.8L		√	√	√	√	√	1.RESETTING AUTO T/A VALUES 2.FREEZE FRAME DATA 3.CLEAR CAN LEARNABLE STATUS		
		ABS/ESP			√	√	√	√	√	1.HCU AIR BLEEDING		
		SRS-AIRBAG	GENERAL		√	√	√					
			NAS		√	√	√					
		FULL AUTO AIR/CON.			√	√	√	√	√			
		TPMS			√	√	√	√	√			
		BODY CONTROL UNIT	GENERAL		c			√	√			
			NAS		c			√	√			
		SMART KEY SYSTEM	SMART KEY UNIT		√	√	√	√	√			
			SMART KEY CODE SAVING									
			PDM(POWER DISTRIBUTION)		√	√	√	√	√			
		AUTO HEAD LEVELING			√	√	√	√				
		IMMOBILIZER [-PIC ONLY]						√			1.PASSWORD TEACHING/CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE 5.SMARTRA NEUTRAL	
		ENGINE(GASOLINE)		UNLEAD 3.8L GEN		√	√	√	√	√	1.PCM LOCK(MEC) SETTING 2.PCM AUTO DETECTION RESET	
UNLEAD 3.8L EOBD				√	√	√	√	√	1.PCM LOCK(MEC) SETTING 2.PCM AUTO DETECTION RESET			
UNLEAD 3.8L OBD-II				√	√	√	√	√	1.PCM LOCK(MEC) SETTING 2.PCM AUTO DETECTION RESET			

Hyundai V47.90Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
			LEAD 3.8L ALL	√	√	√	√	√	1.PCM LOCK(MEC) SETTING 2.PCM AUTO DETECTION RESET 3.IDLE CO ADJUSTMENT	
		ENGINE(DIESEL)		√	√	√	√	√	1. INJECTOR SPECIFIC DATA 2. ENGINE TEST FUNCTION	
		AUTOMATIC TRANSAXLE		√	√	√	√	√	1.RESETTING AUTO T/A VALUES 2.ADAPTIVE PROCEDURE OF N RANGE	
		ABS/ESP		√	√	√	√	√	AIR BLEEDING MODE	
		FULL AUTO AIR/CON		√	√	√	√	√		
		SRS-AIRBAG		√	√	√	√			
		4WD CONTROL		√	√	√	√	√		
		POWER TAIL GATE		√	√	√	√			
VERACRUZ 2007- ALL		BODY CONTROL MODULE	BODY CONTROL MODULE	√	√	√	√	√		
			DIRVER DOOR MODULE(DDM)	√	√	√	√	√		
			ASSIST DOOR MODULE(ADM)	√	√	√	√	√		
			IMS	√	√	√	√	√		
			TILT & TELE SCOPE(TILE)	√	√	√	√	√		
		GASOLINE				√		1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE		

Hyundai V47.90 Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
		IMMOBILIZER	DIESEL				√		1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE	
		SMART KEY SYSTEM	SMART KEY UNIT	√	√	√	√	√		
		ENGINE(GASOLINE)	UNLEAD GEN	√	√	√	√	√	1.PCM LOCK(MEC) SETTING 2.PCM AUTO DETECTION RESET	
			UNLEAD EOBD	√	√	√	√	√	1.PCM LOCK(MEC) SETTING 2.PCM AUTO DETECTION RESET	
			LEAD ALL	√	√	√	√	√	1.PCM LOCK(MEC) SETTING 2.PCM AUTO DETECTION RESET 3.IDLE CO ADJUSTMENT	
			UNLEAD OBD-II	√	√	√	√	√	1.PCM LOCK(MEC) SETTING 2.PCM AUTO DETECTION RESET	
		ENGINE(DIESEL)	EURO-4 VGT(CAN)		√	√	√	√	1. INJECTOR SPECIFIC DATA 2. CPF SERVICE REGENERATION 3. ENGINE TEST FUNCTION	
		AUTOMATIC TRANSAXLE	GASOLINE	√	√	√	√	√	RESETTING AUTO T/A VALUES	
			DIESEL	√	√	√	√	√	RESETTING AUTO T/A VALUES	
		ABS/ESP		√	√	√	√	√	STEERING ANGLE SENSOR	
GRANDEUR TC1200		SRS-AIRBAG	GENERAL	√	√	√	√			

Hyundai V47.90 Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System		Functions								
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others		
	(TG)Z006-	SRS AIRBAG	NAS		√	√	√	√					
		ELEC.POWER STEERING			√	√	√	√					
		FULL AUTO AIR/CON.			√	√	√	√	√				
		BODY CONTROL MODULE	BODY CONTROL MODULE			√	√	√	√	√			
			DRIVER DOOR MODULE(DDM)			√	√	√	√	√			
			ASSIST DOOR MODULE(ADM)			√	√	√	√	√			
			IMS			√	√	√	√	√			
		SMART KEY SYSTEM	TILT&TELESCOPE(TILT)			√	√	√	√	√			
			INTERFACE UNIT			√	√	√	√	√			
			SMART KEY UNIT			√	√	√	√	√			
		AHLS				√	√	√	√				
		IMMOBILIZER	GASOLINE						√		1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE		
			DIESEL						√		1.PASSWORD TEACHING\CHANGING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE		
		ENGINE(GASOLINE)		UNLEAD 2.0L GEN			√	√	√	√	√		
				UNLEAD 2.0L EOB			√	√	√	√	√		
	LEAD 2.0L ALL				√	√	√	√	√				

Hyundai **V47.90** 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(IX3	ENGINE(GASOLINE)	UNLEAD 2.4L GEN		√	√	√	√	√		
			UNLEAD 2.4L EOBD		√	√	√	√	√		
			LEAD 2.4L ALL		√	√	√	√	√		
		ENGINE (DIESEL)	2.0L LOW POWER(CPF-)		√	√	√	√	√		
			2.0L LOW POWER(CPF+)		√	√	√	√	√		
			2.0L HIGH POWER(CPF-)		√	√	√	√	√		
			2.0L HIGH POWER(CPF+)		√	√	√	√	√		
			AUTOMATIC TRANSAXLE		√	√	√	√	√		

Hyundai **V47.90** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System		Functions						
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
	5)	ANTI-LOCK BRAKE SYSTEM			√	√	√	√	√		
		SRS-AIRBAG			√	√	√	√			
		FULL AUTO AIR/CON.	GENERAL		√	√	√	√	√		
			EUROPE		√	√	√	√	√		
		4WD CONTROL			√	√	√	√			
		BODY CONTROL MODULE	ALL SYSTEM		√	√	√	√	√		
			BCM		√	√	√	√	√		
		ELEC.POWER STEERING			√	√	√	√			

Hyundai **V47.90** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System		Functions						
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
		TPMS			√	√	√	√			
		PIC	ALL SYSTEMS		√	√	√	√	√		
			SMART KEY UNIT		√	√	√	√	√		
		ENGINE L4	2007-		√	√	√	√	√		
			2005-2006		√	√	√	√	√		
			2004		√	√	√	√	√		
			2003		√	√	√	√	√		

Hyundai **V47.90** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System		Functions						
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
TIBURON ALL	ENGINE V6	2005-			√	√	√	√	√		
		AFTER JAN 1,2003			√	√	√	√	√		
		BEFORE JAN 1,2003			√	√	√	√	√		
		2007-			√	√	√	√	√		
		2005-2006			√	√	√	√	√		
		2003-2004			√	√	√	√	√		
	AUTOMATIC TRANSAXLE	1999-2001(June1,1999~)				√	√	√			

Hyundai **V47.90** 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			√	√	√	√	√		
		SRS-AIRBAG	2007-		√	√	√	√			
			2003-		√	√	√				
			2000-2001		√	√	√				
		TRACTION CONTROL SYSTEM				√	√	√	√		
		AUTO H/LAMP LEVELLING			√	√	√	√			
		BODY CONTROL MODULE						√	√		

Hyundai **V47.90** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System		Functions						
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
		TPMS	~2007MY		√	√	√	√			
			2008MY~		√	√	√	√			
	SONATA(YF) 10~	ENGINE 2.0/2.4L			√	√	√	√	√		
		ENGINE GDI			√	√	√	√	√		
		AUTOMATIC TRANSAXLE			√	√	√	√	√		
		ANTI-LOCK BRAKE SYSTEM			√	√	√	√	√		
		SRS-AIRBAG			√	√	√	√			

Hyundai **V47.90** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System		Functions						
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
		FULL AUTO AIR/CON			√	√	√	√	√		
		ENGINE L4			√	√	√	√	√		
		ENGINE V6			√	√	√	√	√		
		AUTOMATIC TRANSAXLE			√	√	√	√	√		
		ABS/TCE/ESP			√	√	√	√	√		
		SRS-AIRBAG			√	√	√	√			
	TUCSON ALL	4WD CONTROL			√	√	√	√			

Hyundai **V47.90** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System		Functions						
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
		FULL AUTO AIR/CON			√	√	√	√	√		
		ETACS			√			√	√		
		TPMS	~2007MY			√	√	√	√		
			2008MY~				√	√	√	√	
		ENGINE			√	√	√	√	√		
		AUTOMATIC TRANSAXLE			√	√	√	√	√		
		ABS/ESC			√	√	√	√	√		

Hyundai **V47.90** 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(HD) 06-	SRS-AIRBAG			√	√	√	√			
		FULL AUTO AIR/CON			√	√	√	√	√		
		BODY CONTROL MODULE			√			√	√		
		ELEC.POWER STEERING			√	√	√	√	√		
		TPMS	2007MY~				√	√	√	√	
			2005-2006			√	√	√	√		
			2004			√	√	√	√		

Hyundai **V47.90** 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			√	√	√	√	√		
		SRS-AIRBAG	2004-		√	√	√	√			
			-2003				√	√	√		
		TRACTION CONTROL SYSTEM				√	√	√	√		
	SANTAFE(CM) 06-	ENGINE			√	√	√	√	√	1.FREEZE FRAME DATA 2.PCM LOCK(MEC) SETTING 3.VIN READING 4.RESETTING ADAPTIVE VALUES	
		AUTOMATIC TRANSAXLE			√	√	√	√	√	1.FREEZE FRAME DATA 2.RESETTING AUTO T_A VALUES	
		ABS/ESC			√	√	√	√	√	1.VARIANT CODING 2.SAS SENSOR ZERO SETTING	
		SRS-AIRBAG			√	√	√	√		PODS RESET	
		FULL AUTO AIR/CON			√	√	√	√	√		
		BODY CONTROL MODULE			√			√	√		

Hyundai V47.90Diagnostics List(Note: For reference only)

Areas	Vehicles	Systems	Sub System		Functions							
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
SANTAFE 01-06		4WD CONTROL				√	√					
		IMMOBILIZER						√		1.PASSWORD TEACHING 2.TEACHING 3.NEUTRAL MODE 4.LIMP HOME MODE 5.SMARTPA NEUTRAL		
		TPMS	~2008MY				√	√	√	√		
			2009MY~				√	√	√	√		
		ENGINE L4	2005			√	√	√	√	√	1.FREEZE FRAME DATA 2.VIN READING	
			2001-2004			√	√	√	√	√	FREEZE FRAME DATA	
		ENGINE V6	2005 3.5L			√	√	√	√	√	1.FREEZE FRAME DATA 2.VIN READING	
			2003-2004 3.5L			√	√	√	√	√	FREEZE FRAME DATA	
			2005 2.7L				√	√		√	1.AT&TCS ADAPT CORRECTION 2.RESETTING ADAPTIVE VALUES 3.VIN READING	
			2003-2004 2.7L				√	√		√	1.AT&TCS ADAPT CORRECTION 2.RESETTING ADAPTIVE VALUES	
		AUTOMATIC TRANSAXLE	2005 3.5L			√	√	√	√	√	RESETTING AUTO T A VALUES	
			2003-2004 3.5L			√	√	√	√	√		
2005 2.4L/2.7L					√	√	√	√	√			
2004 2.4L/2.7L					√	√	√	√	√			
			2WD			√	√	√	√	HCU AIR BLEEDING		

Hyundai V47.90Diagnostics List(Note: For reference only)

Areas	Vehicles	Systems	Sub System	Functions						
				System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
USA		ANTI-LOCK BRAKE SYSTEM	4WD 2. 4L/2. 7L	√	√	√	√	√	HCU AIR BLEEDING	
			4WD 3. 5L	√	√	√	√	√	HCU AIR BLEEDING	
	SRS-AIRBAG	2005		√	√	√	√		PASSENGER AIRBAG STATUS	
		2001-2004		√	√	√	√			
	TRACTION CONTROL SYSTEM			√	√	√	√	√	HCU AIR BLEEDING	
	4WD CONTROL			√	√	√				
ACCENT(MC) ALL	ENGINE			√	√	√	√	√		
	AUTOMATIC TRANSAXLE			√	√	√	√	√		
	ANTI-LOCK BRAKE SYSTEM			√	√	√	√	√		
	SRS-AIRBAG			√	√	√	√			
	FULL AUTO AIR/CON			√	√	√	√	√		
	TPMS	2008MY~			√	√	√	√		
ENGINE SOHC	2005			√	√	√	√	√		
	2004			√	√	√	√	√		
	2003			√	√	√	√			
	2000-2002			√	√	√	√			
	2005			√	√	√	√	√		

Hyundai V47.90Diagnostics List (Note:For reference only)

Areas	Vehicles	Systems	Sub System		Functions						
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
ACCENT ALL	ENGINE DOHC	2004		√	√	√	√	√			
		2003		√	√	√	√				
		2000-2002		√	√	√	√				
	AUTOMATIC TRANSAXLE	2003-			√	√	√	√			
		2000-2002		√	√	√	√	√			
	ANTI-LOCK BRAKE SYSTEM	2000-		√	√	√	√	√			
		1995-1999		√	√	√	√	√			
	SRS-AIRBAG	2003-		√	√	√	√				
2000-2002			√	√	√	√					
ELANTRA TOURING	ENGINE			√	√	√	√	√			
	AUTOMATIC TRANSAXLE			√	√	√	√	√			
	ABS/ESC			√	√	√	√	√			
	SRS-AIRBAG	AIRBAG CONTROL UNIT		√	√	√	√				
		WEIGHT CLASSIFICATION		√	√	√	√				
	FULL AUTO AIR/CON			√	√	√	√	√			
	ELEC.POWER STEERING			√	√	√	√				
	BODY CONTROL MODULE			√			√	√			

Hyundai **V47.90** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System		Functions								
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others		
		TPMS	2008~		√	√	√	√	√				
	GENESIS ALL	ENGINE V8			√	√	√	√	√				
		ENGINE V6			√	√	√	√	√				
		AUTOMATIC TRANSAXLE	LAMBDA			√	√	√	√	√			
		ABS/ESC				√	√	√	√	√			
		SRS-AIRBAG				√	√	√	√				
		FULL AUTO AIR/CON				√	√	√	√	√			
		ELEC.POWER STEERING				√	√	√	√	√			
		ELEC.PAKING BRAKE				√	√	√	√	√			
		AUTO HEAD LEVELING	AHLS			√	√	√	√				
			AFLS				√	√	√	√	√		
		BODY CONTROL MODULE	IN PANELMODULE -PIC			√	√	√	√				
			IN PANELMODULE +PIC				√	√	√	√			
			FRONT AREA MODULE				√	√	√	√	√		
			POWER WINDOW MAIN				√	√	√	√	√		
			POWER WINDOW ASS				√	√	√	√	√		
	CLUSTER					√	√	√	√	√			

Hyundai V47.90Diagnostics 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	MULTIFUNTION SWITCH	√	√	√	√				
			SMARTRA2	√	√	√	√	√			
			TILT & TELE MODULE	√	√	√	√	√			
			FRONT&BACK WARNING	√	√	√	√				
			ELEC.CONTROL WIPER	√	√	√	√				
			POWER DISTRIBUTION	√	√	√	√	√			
		MULTI MEDIA SYSTEM	HEAD UNIT	√	√	√	√	√			
			TUNER/AMP	√	√	√					
			SDS	√	√	√					
		TPMS	2008MY~		√	√	√	√			
	AZERA ALL	ENGINE		√	√	√	√	√			
		AUTOMATIC TRANSAXLE		√	√	√	√	√			
		ABS/ESP		√	√	√	√	√			
		SRS-AIRBAG		√	√	√	√				
		FULL AUTO AIR/CON		√	√	√	√	√			
			BODY CONTROL MODULE		√	√	√	√	√		
			DRIVER DOOR MODULE		√	√	√	√	√		

Hyundai **V47.90** 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	ASSIST DOOR MODULE		√	√	√	√	√				
			IMS		√	√	√	√	√				
			TILT & TELESCOPE(TILT)		√	√	√	√	√				
		AUTO H/LAMP LEVELLING		√			√						
		TPMS	2007MY~			√	√	√	√				
	GENESIS COUPE		ENGINE L4			√	√	√	√	√			
			ENGINE V6			√	√	√	√	√			
			AUTOMATIC TRANSAXLE	THETA			√	√	√	√			
				LAMBDA			√	√	√	√	√		
			ABS/ESP				√	√	√	√	√		
			SRS-AIRBAG				√	√	√	√			
			FULL AUTO AIR/CON				√	√	√	√	√		
			BODY CONTROL MODULE				√			√	√		
			SMART KEY SYSTEM	SMART KEY UNIT				√			√	√	
			AUTO HEAD LEVELING				√	√	√	√			
		ENGINE L4			√	√	√	√	√				
		ENGINE V6			√	√	√	√	√				

Hyundai **V47.90** 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)07-	AUTOMATIC TRANSAXLE	2.4L(ETC)	✓	✓	✓	✓	✓				
		3.3L	✓	✓	✓	✓	✓				
	ABS/ESP		✓	✓	✓	✓	✓				
	SRS-AIRBAG	AIRBAG CONTROL UNIT	✓	✓	✓	✓					
		WEIGHT CLASSIFICATION	✓	✓	✓	✓					
	ELEC.POWER STEERING		✓			✓					
	FULL AUTO AIR/CON.		✓	✓	✓	✓	✓				
	BODY CONTROL MODULE		✓			✓	✓				
TPMS	2009MY~	✓			✓	✓					
XG 300/350 ALL	ENGINE V6	2005	✓	✓	✓	✓	✓				
		2001-2004	✓	✓	✓	✓	✓				
	AUTOMATIC TRANSAXLE	2005	✓	✓	✓	✓	✓				
		2001-2004	✓	✓	✓	✓	✓				
	ANTI-LOCK BRAKE SYSTEM		✓	✓	✓	✓	✓				
	SRS-AIRBAG	2004-	✓	✓	✓	✓					
		2003	✓	✓	✓	✓					
	TRACTION CONTROL SYSTEM			✓	✓	✓	✓				

Hyundai **V47.90** Diagnostics List (Note: For reference only)

Areas	Vehicles	Systems	Sub System		Functions							
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others	
VERACRUZ ALL		ENGINE			√	√	√	√	√			
		AUTOMATIC TRANSAXLE			√	√	√	√	√			
		ABS/ESP			√	√	√	√	√			
		FULL AUTO AIR/CON			√	√	√	√	√			
		SRS-AIRBAG	AIRBAG CONTROL UNIT			√	√	√	√			
			WEIGHT CLASSIFICATION			√	√	√	√			
		4WD CONTROL			√	√	√	√	√			
		POWER TALL GATE			√	√	√	√				
		BODY CONTROL MODULE	BODY CONTROL MODULE			√	√	√	√	√		
		SMART KEY SYSTEM	SMART KEY UNIT			√	√	√	√	√		
		TPMS	~2008MY				√	√	√	√		
			2009MY~				√	√	√	√		
		ENGINE			√	√	√	√	√			
		AUTOMATIC TRANSAXLE			√	√	√	√	√			
		ABS/ESP			√	√	√	√	√			
		SRS-AIRBAG	AIRBAG CONTROL UNIT			√	√	√	√			
			WEIGHT CLASSIFICATION			√	√	√	√			

Hyundai V47.90Diagnostics List (Note:For reference only)

Areas	Vehicles	Systems	Sub System		Functions								
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others		
	ENTOUBAGE ALL	FULL AUTO AIR/CON			√	√	√	√	√				
		POWER SLIDING/TALL GATE	POWER SLIDING-LH			√	√	√	√				
			POWER SLIDING-RH			√	√	√	√				
			POWER TALL GATE			√	√	√	√				
		BODY CONTROL SYSTEM	IN PANEL MODULE				√	√	√	√			
			FRONT AREA MODULE				√	√	√	√			
			REAR AREA MODULE				√	√	√	√			
			DRIVER DOOR MODULE				√	√	√	√			
			ASSIST DOOR MODULE				√	√	√	√			
			INTEGRATED MEMORY SEAT				√	√	√	√			
		TPMS	~2008MY				√	√	√	√			
			2009MY~				√	√	√	√			
			ENGINE L4	2005			√	√	√	√	√		
				2002-2004			√	√	√	√	√		
				1999-2001			√	√	√	√	√		
ENGINE V6	2005				√	√	√	√	√				
	2003-2004				√	√	√	√	√				

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Areas	Vehicles	Systems	Sub System		Functions						
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
SONATA 00-05		AUTOMATIC TRANSAXLE	1999-2002		√	√	√	√	√		
			2005		√	√	√	√	√		
			2004		√	√	√	√	√		
			2004(2TH)		√	√	√	√	√		
		ABS/ESP	-2002-(-02/15/02,ITT)		√	√	√	√	√		
			2002-2005(BOSCH)		√	√	√	√	√		
		SRS-AIRBAG	2002-		√	√	√	√			
			1999-2001		√	√	√	√			
		TRACTION CONTROL SYSTEM	-2002-(-02/15/02,ITT)			√	√	√	√		
			2002-2005(BOSCH)				√	√	√	√	
SONATA 06-NF		ENGINE L4			√	√	√	√	√		
		ENGINE V6			√	√	√	√	√		
		AUTOMATIC TRANSAXLE	2.0/2.4		√	√	√	√	√		
			3.3L		√	√	√	√	√		
		ABS/ESP			√	√	√	√	√		
		SRS-AIRBAG			√	√	√	√			
		ELEC.POWER STEERING			√	√	√	√			

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Areas	Vehicles	Systems	Sub System		Functions						
					System Info.	Read Dtc	Clear Dtc	Data Stream	Actuation	Special Functions	Others
		FULL AUTO AIR/CON.			√	√	√	√	√		
		BODY CONTROL MODULE			√	√	√	√	√		
		TPMS	~2007MY			√	√	√	√		
			2008MY~			√	√	√	√		

(*): Tested;

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

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