

LAUNCH

## HD\_ISUZU V13.90 Diagnostics List

(Note:For reference only)

VEHICLE	MODEL / SYSTEM / SUB.SYS.			CONNECTOR	INFO	RDTC	CDTC	DS	ACT	Spec.Func
2008	Off-Road Industrial Engine	Engine	4JJ1-TC <C/Rail_Tier3>	①SMART OBDII-16E	√	√	√	√	√	Prog.
			4HK1-TC <C/Rail_Tier3>	①SMART OBDII-16E	√	√	√	√	√	Prog.
			6HK1-TC <C/Rail_Tier3>	①SMART OBDII-16E	√	√	√	√	√	Prog.
			6UZ1-TC <C/Rail_Tier3>	①SMART OBDII-16E	√	√	√	√	√	Prog.
			6WG1-TC <C/Rail_Tier3>	①SMART OBDII-16E	√	√	√	√	√	Prog.
	N Series Truck	Engine	4HK1-TC (C/Rail)	①OBD-6&9	√	√	√	√	√	Prog.
			4JJ1-TC (C/Rail)	①OBD-6&9	√	√	√	√	√	Prog.
			4HK1-TC(C/Rail_NLT)	①SMART OBDII-16E		√	√	√		
			4HK1/4JJ1 <C/Rail_Euro2>	①SMART OBDII-16E		√	√	√		
			4HK1/4JJ1 <C/Rail_Euro3>	①SMART OBDII-16E		√	√	√		
			4HV1<CNG>	①SMART OBDII-16E		√	√	√	√	√
			4JH1-TC Bosch	①SMART OBDII-16E		√	√	√	√	√
			4JJ1-TC <C/Rail_NLT>	①SMART OBDII-16E		√	√	√	√	√
			Idle stop<BCM>	①SMART OBDII-16E				√	√	√
			Hybrid system	①SMART OBDII-16E		√	√	√	√	√
		Transmission	AT A460	①SMART OBDII-16E		√	√	√	√	
			Smoother / Smoother-Ex	①SMART OBDII-16E		√	√	√		Prog.
		Body	SRS	①SMART OBDII-16E		√	√	√		
			BCM	①SMART OBDII-16E		√	√	√	√	Prog.
			Immobiliser	①SMART OBDII-16E	√	√	√	√		
	Chassis	ABS/ASR	①SMART OBDII-16E		√	√	√	√		
	Info sys	MIMAMORI	①SMART OBDII-16E		√	√	√	√	Prog.	
	E&G Series	Engine	4HK1-TC (C/Rail)	①OBD-6&9	√	√	√	√	√	Prog.
			6HK1-TC (C/Rail)	①OBD-6&9	√	√	√	√		
			4HK1-TC(C/Rail_NLT)	①SMART OBDII-16E		√	√	√		
			4HK1/6HK1 <C/Rail_Euro2>	①SMART OBDII-16E		√	√	√		
			4HK1/6HK1 <C/Rail_Euro3>	①SMART OBDII-16E		√	√	√		
			Idle stop<BCM>	①SMART OBDII-16E				√	√	√
6UZ1-TC <C/Rail_Euro3>			①SMART OBDII-16E		√	√	√	√	Prog.	

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	T&G Series Truck		6HK1-TC <C/Rail_NLT>	①SMART OBDII-16E		√	√	√	√	Prog.	
		Body	SRS	①SMART OBDII-16E		√	√	√			
			BCM	①SMART OBDII-16E		√	√	√	√		Prog.
			Immobiliser	①SMART OBDII-16E	√	√	√	√			
		Transmission	Automatic Transmission	①OBD-6&9	√	√	√	√			
			Smoother / Smoother-Fx	①SMART OBDII-16E		√	√	√			Prog.
		Info sys	MIMAMORI	①SMART OBDII-16E		√	√	√	√		Prog.
	Speedometer Control Equipment		①SMART OBDII-16E					√			
	C&E Series Truck	Engine	6WG1-TC (C/Rail)	①OBD-6&9	√	√	√	√			
			6UZ1-TC <C/Rail_NLT>	①SMART OBDII-16E		√	√	√	√		Prog.
		Info sys	MIMAMORI	①SMART OBDII-16E		√	√	√	√		Prog.
		Chassis	Air Suspension	①SMART OBDII-16E		√	√	√	√		
			Millimeter Wavelength Radar Cruise	①SMART OBDII-16E		√	√	√	√		Prog.
	Body	Driving Safety Reference	①SMART OBDII-16E		√	√	√	√		Prog.	
	LT/LV Series Bus	Engine	6HK1-TC <C/Rail_Euro3>	①SMART OBDII-16E		√	√	√	√		Prog.
			6UZ1-TC <C/Rail_Euro3>	①SMART OBDII-16E		√	√	√	√		Prog.
			6HK1-TC (C/Rail)	①OBD-6&9	√	√	√	√			
		Transmission	Automatic Transmission	①OBD-6&9	√	√	√	√			
	Off-Road Industrial Engine	Engine	4JJ1-TC <C/Rail_Tier3>	①SMART OBDII-16E	√	√	√	√	√		Prog.
			4HK1-TC <C/Rail_Tier3>	①SMART OBDII-16E	√	√	√	√	√		Prog.
			6HK1-TC <C/Rail_Tier3>	①SMART OBDII-16E	√	√	√	√	√		Prog.
			6UZ1-TC <C/Rail_Tier3>	①SMART OBDII-16E	√	√	√	√	√		Prog.
			6WG1-TC <C/Rail_Tier3>	①SMART OBDII-16E	√	√	√	√	√		Prog.
Engine		4HK1-TC (C/Rail)	①OBD-6&9	√	√	√	√	√		Prog.	
		4JJ1-TC (C/Rail)	①OBD-6&9	√	√	√	√	√		Prog.	
		<b>4HL1</b>	<b>①SMART OBDII-16E</b>	√	√	√	√	√		<b>Prog.</b>	
		4HK1-TC(C/Rail_NLT)	①SMART OBDII-16E		√	√	√				
		4HV1<CNG>	①SMART OBDII-16E		√	√	√	√		√	

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HD_ISUZU	2007	N Series Truck	4JH1-TC Bosch	①SMART OBDII-16E		√	√	√	√	√	
			4JJ1-TC <C/Rail_NLT>	①SMART OBDII-16E		√	√	√	√	√	
			Idle stop<BCM>	①SMART OBDII-16E				√	√	√	
			Hybrid system	①SMART OBDII-16E		√	√	√	√	√	
		Body	SRS	①SMART OBDII-16E		√	√	√			
			BCM	①SMART OBDII-16E		√	√	√	√	Prog.	
		Chassis	ABS/ASR	①SMART OBDII-16E		√	√	√	√		
		Info sys	MIMAMORI	①SMART OBDII-16E		√	√	√	√	Prog.	
		F&G Series Truck	Engine	6HK1-TC (C/Rail)	①OBD-6&9	√	√	√	√		
				4HK1-TC(C/Rail_NLT)	①SMART OBDII-16E		√	√	√		
				Idle stop<BCM>	①SMART OBDII-16E				√	√	√
			Transmission	Transmission	①OBD-6&9	√	√	√	√		
				Smoother / Smoother-Fx	①SMART OBDII-16E		√	√	√		Prog.
			Body	SRS	①SMART OBDII-16E		√	√	√		
	BCM			①SMART OBDII-16E		√	√	√	√	Prog.	
	Info sys	MIMAMORI	①SMART OBDII-16E		√	√	√	√	Prog.		
	C&E Series Truck	Engine	6WG1-TC (C/Rail)	①OBD-6&9	√	√	√	√			
			6UZ1-TC <C/Rail_NLT>	①SMART OBDII-16E		√	√	√	√	Prog.	
		Info sys	MIMAMORI	①SMART OBDII-16E		√	√	√	√	Prog.	
			Speedometer Control Equipment	①SMART OBDII-16E					√		
		Chassis	Air Suspension			√	√	√	√		
			Millimeter Wavelength Radar Cruise	①SMART OBDII-16E		√	√	√	√	Prog.	
		Body	Driving Safety Reference	①SMART OBDII-16E		√	√	√	√	Prog.	
	LT/LV Series Bus	Engine	6UZ1-TC <C/Rail_Euro3>	①SMART OBDII-16E		√	√	√	√	Prog.	
			6HK1-TC (C/Rail)	①OBD-6&9	√	√	√	√			
		Transmission	Automatic Transmission	①OBD-6&9	√	√	√	√			
	Off-Road	Industrial Engine	Engine	6UZ1-TC <C/Rail_Tier3>	①SMART OBDII-16E	√	√	√	√	√	Prog.
	Engine		6WG1-TC <C/Rail_Tier3>	①SMART OBDII-16E	√	√	√	√	√	Prog.	

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VEHICLE	MODEL / SYSTEM / SUB.SYS.			CONNECTOR	INFO	RDTC	CDTC	DS	ACT	Spec.Func	
2006	(C*,E*,L*,F*) Heavy-Medium Duty	Engine	6WF1-TC(C/Rail)	①SMART OBDII-16E	√	√	√	√	√		
		Chassis	ESC(with EBS)	①SMART OBDII-16E	√	√	√	√	√		
			ABS/ASR ADVICS	①SMART OBDII-16E		√	√	√	√		
			ABS 6	①SMART OBDII-16E	√	√	√	√	√		
	(N*) ELF,NPR,NQR,V FR	Engine	4JG2<LPG>	①SMART OBDII-16E		√	√	√	√		
			4JG2	①SMART OBDII-16E		√	√	√	√		
			4HG1<LPG>	①SMART OBDII-16E		√	√	√	√	Prog.	
			4HV1<CNG>	①SMART OBDII-16E		√	√	√	√	√	
			Hybrid system	①SMART OBDII-16E		√	√	√	√	√	
		Transmission	>Smoother/Smoother-E Auto Shift	①SMART OBDII-16E		√	√	√		Prog.	
	Smoother-E		①SMART OBDII-16E		√	√	√		Prog.		
	2005	Off-Road Industrial Engine	Engine	6UZ1-TC <C/Rail_Tier3>	①SMART OBDII-16E	√	√	√	√	√	Prog.
				6WG1-TC <C/Rail_Tier3>	①SMART OBDII-16E	√	√	√	√	√	Prog.
		(N*) ELF,NPR,NQR,V FR	Engine	4JH1-TC Bosch	①SMART OBDII-16E	√	√	√	√	√	1.Misc Test 2.Prog.
<b>4HL1</b>				<b>①SMART OBDII-16E</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>Prog.</b>	
4JG2<LPG>				①SMART OBDII-16E		√	√	√	√		
4JG2				①SMART OBDII-16E		√	√	√	√		
4HG1<LPG>				①SMART OBDII-16E		√	√	√	√	Prog.	
4HV1<CNG>				①SMART OBDII-16E		√	√	√	√	√	
Hybrid system				①SMART OBDII-16E		√	√	√	√	√	
MIMAMORI				①SMART OBDII-16E		√	√	√	√	Prog.	
Transmission		Smoother/Smoother-E Auto Shift	①SMART OBDII-16E		√	√	√		Prog.		
(C*,E*,L*,F*) Heavy-Medium Duty		Engine	6WF1-TC(C/Rail)	①SMART OBDII-16E	√	√	√	√	√		
			ESC(with EBS)	①SMART OBDII-16E	√	√	√	√	√		
			Chassis	ABS/ASR ADVICS	①SMART OBDII-16E		√	√	√	√	
	ABS 6			①SMART OBDII-16E	√	√	√	√	√		

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VEHICLE	MODEL / SYSTEM / SUB.SYS.			CONNECTOR	INFO	RDTC	CDTC	DS	ACT	Spec.Func	
2004	KV/KR Bus Series	Transmission	AT Allison LCT	①SMART OBDII-16E		√	√	√	√		
		Chassis	ABS 6	①SMART OBDII-16E	√	√	√	√	√		
	(N*) ELF,NPR,NQR,V FR	(C*,E*,L*,F*) Heavy-Medium	Engine	6WF1-TC(C/Rail)	①SMART OBDII-16E	√	√	√	√	√	
			Chassis	ABS/ASR ADVICS	①SMART OBDII-16E		√	√	√	√	
		Engine		4JG2<LPG>	①SMART OBDII-16E		√	√	√	√	
				4JG2	①SMART OBDII-16E		√	√	√	√	
				4HG1<LPG>	①SMART OBDII-16E		√	√	√	√	Prog.
				Hybrid system	①SMART OBDII-16E		√	√	√	√	√
				MIMAMORI	①SMART OBDII-16E		√	√	√	√	Prog.
		4HF1<CNG>	①SMART OBDII-16E		√	√	√	√	Prog.		
		Transmission	>Smoother/Smoother-E Auto Shift	①SMART OBDII-16E		√	√	√		Prog.	
	2003	(N*) ELF,NPR,NQR,V FR	Engine	4JG2	①SMART OBDII-16E		√	√	√	√	
				4HL1/4HJ1	①SMART OBDII-16E		√	√	√		
				4HL1/4HJ1(Vehicle Interface Module)	①SMART OBDII-16E				√		
	2002	(N*) ELF,NPR,NQR,V FR	Engine	4HL1/4HJ1	①SMART OBDII-16E		√	√	√		
4HL1/4HJ1(Vehicle Interface Module)				①SMART OBDII-16E				√			
2002	(C*,E*,L*,F*) Heavy-Medium Duty	Transmission	AT Allison LCT	①SMART OBDII-16E		√	√	√	√		
			AT Allison WT	①SMART OBDII-16E	√	√	√	√			

(\*) :Tested;

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

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