

Toyota **V43.10** Diagnostics List (Note: For reference only)

Connector	Module	Systems	Sub System	Functions							
				Sys.Info	Read Dtc	Clear Dtc	Data stream	Actuation	FREE ZE	Special functions	Others
	ENGINE AND ECT	ENG AND ECT (KWP)			√	√	√	√	√	1.RESET MENORY, 2.Supply Pump Initialization, 3.Injector Compensation, 4.Electric Throttle Learning, 5.AT correction initialization, 6.CVT fluid pressure learn, 7.G sensor Zero point learning(*) (?) 8.Injector correction (read/save ID code) 9.Injector correction (check the cylinder code respectively) 10.Check the injector classification 11.Set injector classification 12.Operations related to filter (forced regeneration driver) 13.Operations related to filter (differential pressure confirm)	
		ENG AND ECT (ISO)			√	√	√	√	√		

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		ENG AND ECT (CAN BUS)			√	√	√	√	√	1.Auxiliary pump adaptation initialization 2.Cruise control initialization 3.Engine control initialization 4.A/F sensor adaptation initialization 5.AT correction initialization, 6.CVT fluid pressure learn, 7.G sensor Zero point learning(*) (?)	
		ENG AND ECT (VPW)			√	√	√				
	ENGINE	ENG (CAN BUS)			√	√	√	√	√		
		ENG (KWP)			√	√	√	√	√		
	ECT	ECT(CAN BUS)			√	√	√	√	√	1.Work Support(AT correction initialization)(*)(?)	
	Cruise Control	Cruise Control (KWP)			√	√	√	√			
		Cruise Control (CAN			√	√	√	√			
		Cruise Control(ISO)			√	√	√	√			
	Engine(LH Bank)	Engine(LH Bank)			√	√	√	√	√		
	HV Battery	HV Battery (CAN BUS)			√	√	√	√	√	1.Battery control data initialization	
		HV Battery (KWP)			√	√	√	√	√	1.Battery	
	Hybrid Control	Hybrid Control (CAN			√	√	√	√	√		
		Hybrid Control (KWP)			√	√	√	√	√	1.Service mode	

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	Stop And Go	Stop And Go (CAN BUS)			√	√	√	√	√		
		Stop And Go(KWP)			√	√	√	√	√		
		ABS9(can)			√	√	√	√	√	1.Work Support(Air Bleed,LINEAR VALVE learn value initialization,(*) 2.CLEAR YAW RATE/G SENSOR ZERO POINT(FOR ECB),(*)(?) 3.CLEAR BACK UP MEMORY,(*)(?) 4.ACCUMULATOR ZERO DOWN drive, 5.MODE change(*)(?) 6.Signal Check 7.Service mode	
		ABS9(kwp)			√	√	√	√	√	1.Clear the backup memory 2.Service mode	
		AHC			√	√	√	√			
		AIR SUSPENSION			√	√	√	√			
		FREE TRONIC			√	√	√	√		1.BLEEDING, 2.PARTS EXCHANGE(*)(?)	

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	CHASSIS	EHPS			√	√	√		√	1.Work Support(Steering Angle sensor output correction), 2.Work Support(STEERING Zero POINT correction)(*)(?)	
		EMPS			√	√	√		√	Work Support(Steering Angle sensor output correction,STEERING Zero POINT correction)(*)(?)	
		Transmission Control			√	√	√	√	√		
		EMS			√	√	√	√			
		KDSS			√	√					
		4WD			√	√	√	√		1.Clear the backup memory	
		T/M CONTROL			√	√	√				
		TIRE PRESSURE			√	√	√			1.ID Registration(1.Main Set 2.2nd Set) 2.Main transmitter ID registration 3.Sub transmitter ID registration	

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TOYOTA-16 (16PIN)		VGRS			√	√	√		√	1.Actuator angle neutral compensation 2.System lock 3.System unlocking 4.Clear the driving light fault counter	
		Stabilizer			√	√	√			1.Clear the backup memory	
		Intelligent Parking Assist			√	√					
		Electric Parking Brake			√	√	√	√		1.Clear the backup memory	
		Lane Keeping Aisst			√	√	√				
		Front Stabilizer			√	√	√	√			
		Rear Stabilizer			√	√	√	√			
		AFS			√	√	√	√			
		AIR CONDITIONER			√	√	√	√		1.Work Support(Servo motor initialization)(*)(?) 2.Read History Dtc	
		BACK DOOR			√	√	√	√			
		BODY			√	√	√	√		1.Wireless Code Registration,(*) 2.Wireless Code Erasure(*)(?)	
		BODY NO2	BDY2				√	√			
			BDYGW2		√		√	√			
			D-J/B				√	√			
		BODY NO3	P-J/B				√	√			
			P-J/B_CR		√		√	√			
			P-J/B_DTC		√		√	√			

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			BODY NO4		√		√	√			
			BODY NO5				√	√			
			CLEARANCE SONAR		√	√	√	√		1.Steering wheel adjustment	
			COMBI SW				√				
		D-DOOR	DDOR				√	√			
			DDOR-TR		√	√	√	√			
			D-SEAT				√	√			
		GATEWAY	BDYGW		√	√					
			BDYGWS		√	√					
			METER				√	√			
			MIRROR				√	√			
			MIRROR-L				√	√			
			MIRROR-R				√	√			
		OCCUPANT DETECT	OCC		√	√	√				
			OCC2		√	√	√				
		P-DOOR	PDOR				√	√			
			PDOR-TR		√	√	√	√			
			P-SEAT				√	√			
			P-COLLISION		√	√					
			PWR SOURCE CTRL		√	√					
			RAIN SENSOR				√				
			REAR-SEAT SW				√				
		RL-DOOR	RLDOR				√				
			RLDOR-AC				√	√			
			RLDOR-CU		√	√	√	√			
			RLDOR-TR		√	√	√	√			
			RL-SEAT				√	√			

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				Sys.Info	Read Dtc	Clear Dtc	Data stream	Actuation	FREE ZE	Special functions	Others
	BODY	RR-DOOR	RRDOR				√				
			RRDOR-AC				√	√			
			RRDOR-CU		√	√	√	√			
			RRDOR-TR		√	√					
		RR-SEAT					√	√			
		SLIDE ROOF	ROOF				√	√			
			ROOF2				√	√			
			ROOF3				√	√			
		SMART KEY	SMART_BD_A		√	√					
			SMART_BD_E		√	√					
			SMART_CK_A		√	√					
			SMART_TR_A		√	√					
			SMART_TR_E		√	√					
			SMART_LS430		√	√	√	√			
		SRS AIRBAG	P4_SRS1		√	√	√			1.CHECK MODE(*) (?)	
			SRS		√	√					
			SRS_E1		√	√					
			SRS_TRW		√	√					
			SRS_2		√	√				1.SIGNAL CHECK(*) (?)	
		RTRCTB L HARDTOP			√	√	√				
		STEERING PAD SWITCH					√				
		TILT&TELESCO				√	√	√	√		
		WIPER					√	√			

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		Main Body			√	√	√	√		1.ECU link message initialization	
		D-Door Mottor			√	√	√	√			
		D-SEAT SW					√				
		Tvss			√	√	√	√			
		Entry&Start			√	√	√	√		1.Key Code Registration,Key Code Erasure(*) (?)	
		Master Switch			√	√	√				
		P-Door Motor			√	√	√	√			
		RL-Door Motor			√	√	√	√			
		RR-Door Motor			√	√	√	√			
		HV Gateway			√	√	√				
		Night View			√	√	√	√		1.Camera angle adjustment	
		HL AutoLeveling			√	√	√	√			
		Gateway BEAN			√	√					
		Accessory Gateway			√	√	√				
		Front Left Seat A/C			√		√	√			
		Front Right Seat A/C			√		√	√			
		Gateway CAN			√	√					
		ECM Gateway			√	√	√				
		ECB Gateway			√	√	√				
		WIL Gateway			√	√	√				
		Center Console Switch				√	√				
		Rear Console Switch			√	√	√	√			
		Rear Left Seat A/C			√		√	√			
		Rear Right Seat A/C			√		√	√			

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				Sys.Info	Read Dtc	Clear Dtc	Data stream	Actuation	FREE ZE	Special functions	Others
		Electric Power Control			√	√	√	√	√		
		Active Headrest R			√	√	√	√			
		Active Headrest L			√	√	√	√			
		Pre-Crash 2			√	√	√	√			
		Charging Control			√	√	√	√			
	ANTI THEFT	IMMOBILISER	IMMO(KWP)		√	√	√			1.KEY UTILITY(*)(?)	
			IMMO(ISO)		√	√	√			1.KEY UTILITY(*)(?)	
		TDS	SECR		√	√	√	√			
			SECR_30		√	√	√	√			
			SECR_SM		√	√	√	√			
			SECR_SM_A		√	√	√	√			
			SECR_WI		√	√	√	√			
			SECR2		√	√	√	√			
		steering lock			√	√	√	√			
	POWE RTRAIN	CCS	CCS(KWP)		√	√	√				
			CCS(ISO)		√	√	√				
		HV	HV CCS		√	√	√				
			HV ECU		√	√	√				
			HV BATTERY		√	√	√				
		LASER CRUISE			√	√	√	√		1.INITIALIZATION, 2.BEAM AXIS ADJUST(*)(?)	
		SEQUEN ITAL MT	SMT1		√	√	√	√		1.PARTS EXCHANGE(*)(?)	
			SMT2		√	√	√	√		1.PARTS EXCHANGE(*)(?)	
		STOP AND GO			√	√	√	√		1.PARTS EXCHANGE(*)(?)	
	ENGINE				√	√	√				

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TOYOTA-17 (17PIN)	SRA AIR BAG				√	√					
	ECT				√	√					
	ABS				√	√					
	CCS				√	√					
	AIR SUSPENSION				√	√					
TOYOTA-17F OR TOYOTA-22	ENGINE				√	√	√				
	SRA AIRBAG				√	√					
	ABS(available for TOYOTA-22)				√	√					

(*):Tested;

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

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

CONNECTOR	X431	DIAGUN
SMART OBD	N/A	N/A
OBD 16C	N/A	N/A
CANBUS II	It is available for the 16PIN DLC.	N/A
diagun connector	N/A	It is available for the 16PIN DLC.
SUPER 16	It is available for 16PIN DLC.	N/A
TOYOTA-17	It is available for 17PIN TOYOTA-17 DLC.	N/A
TOYOTA-17F OR TOYOTA-22	It is available for 17PIN TOYOTA-17F or 22PIN DLC.	N/A