Toyota V47.61 Diagnostics List(Note:For reference only)

Connector	Module	Systems	Functions							
			Sys.Info	Read Dtc	Clear Dtc	Data stream	Actuation	FREEZE	Special functions	Others
16PIN DLC	POWERTRAIN	ENGINE AND ECT		√	√	√	√	√	1.Check Mode 2.Reset Memory 3.DPF Deterioration Record Clear 4.A/F Sensor Compensation Reset 5.Crank Time Compensation Reset 6.Catalyst Record Clear 7.Auxiliary pump adaptation initialization 8.Vehicle Mileage Write 9.Deceleration Sensor 0 Point Calibration 10.Electric Throttle Learning 11.Read VIN Code 12.Mode changes 13.Evaporative System Check 14.G sensor Zero point learning 15.Auxiliary pump adaptation initialization 16.Injector Compensation 17.Cruise control initialization 18.AT correction initialization 19.Engine control initialization 20.The acceleration sensor zero point adaptation starts 21.The CVT oil pressure adaptation starts 22.Injector correction (read/save	

Toyota V47.61 Diagnostics List(Note:For reference only)

Connector	Module	Systems	Functions							
			Sys.Info	Read Dtc	Clear Dtc	Data stream	Actuation	FREEZE	Special functions	Others
									ID code) 23.Injector correction (check the cylinder code respectively) 24.Check the injector classification 25.Set injector classification 26.Operations related to filter (forced regeneration driver) 27.Operations related to filter (differential pressure confirm) 28.A/F Sensor Compensation Reset 29.Engine setting change 30.CVT fluid pressure learn 31.Pilot Quantity Learning 32.Pilot Quantity Learning(Detail)	

Toyota V47.61 Diagnostics List(Note:For reference only)

Connector	Module	Systems	Functions							
			Sys.Info	Read Dtc	Clear Dtc	Data stream	Actuation	FREEZE	Special functions	Others
16PIN DLC	POWERTRAIN	ENGINE		√	√	√	√	√	1.Check Mode 2.Electric Throttle Learning 3.Evaporative System Check 4.Read VIN Code 5.Mode changes 6.Deceleration sensor 0 Point Calibration 7.Cruise control initialization 8.Auxiliary pump adaptation initialization 9.Injector Compensation 10.Reset Memory 11.AT correction initialization 12.G sensor Zero point learning 13.A/F sensor adaptation initialization 14.Engine control initialization 15.Engine setting change 16.CVT fluid pressure learn 17.DPF Deterioration Record Clear 18.A/F Sensor Compensation Reset 19.Crank Time Compensation Reset 20.Catalyst Record Clear 21.Vehicle Mileage Write	

Toyota V47.61 Diagnostics List(Note:For reference only)

Connector	Module	Systems	Functions							
			Sys.Info	Read Dtc	Clear Dtc	Data stream	Actuation	FREEZE	Special functions	Others
16PIN DLC	POWERTRAIN	ECT		√	√	√	√	√	1.Check Mode 2.A/T Code Reset 3.Reset Memory 4.AT Code Manual register(Japan) 5.AT Code Auto register(Japan) 6.AT Code READ&Save(Japan)	
16PIN DLC	POWERTRAIN	Cruise Control		√	√	√				
16PIN DLC	POWERTRAIN	Engine(LH Bank)		√	√	√	√	√	1.Check Mode 2.Reset Memory	
16PIN DLC	POWERTRAIN	Engine(RH Bank)		√	√	√	√	√	1.Check Mode 2.Reset Memory	
16PIN DLC	POWERTRAIN	HV Battery		√	√	√	√	√	1.Battery control data initialization 2.Initialization 3.Onboard Equalizing Charge	

Toyota V47.61 Diagnostics List(Note:For reference only)

Connector	Module	Systems	Functions							
			Sys.Info	Read Dtc	Clear Dtc	Data stream	Actuation	FREEZE	Special functions	Others
16PIN DLC	POWERTRAIN	Hybrid Control		√	√	√	√	√	1.Initialization 2.Reset Memory 3.Read VIN Code 4.Mode changes 5.Service mode 6.battery control data initialization 7.Inspection Mode 8.Initialization	
16PIN DLC	POWERTRAIN	Sequential M/T		√	√	√	√	√	1.Parts Exchange 2.Mode changes	
16PIN DLC	POWERTRAIN	Stop And Go		√	√	√	√	√	1.Starter Exchange 2.Reset A/C Information 3.ECU Exchange	
16PIN DLC	POWERTRAIN	Multi-Mode M/T		√	√	√	√	√	1.Initialization 2.Parts Exchange 3.AT unit correction (AT code register initialization) 4.Air Bleeding	
16PIN DLC	POWERTRAIN	Radar Cruise		√	√	√			1. Laser/Radar Cruise Initialization	
16PIN DLC	POWERTRAIN	Laser Cruise		√	√	√			1. Laser/Radar Cruise Initialization	
16PIN DLC	POWERTRAIN	E-ACM		√	√	√	√			

Toyota V47.61 Diagnostics List(Note:For reference only)

Connector	Module	Systems	Functions							
			Sys.Info	Read Dtc	Clear Dtc	Data stream	Actuation	FREEZE	Special functions	Others
16PIN DLC	POWERTRAIN	Motor Generator		√	√	√				
16PIN DLC	POWERTRAIN	FC					√		1.H2 sensor checking 2.Coolant (fuel cell) air bleeding 3.Clear diagnostic trouble code	
16PIN DLC	POWERTRAIN	FCHV					√		1.Service mode 2.Clear diagnostic trouble code	
16PIN DLC	POWERTRAIN	Idle HV		√	√	√	√			
16PIN DLC	POWERTRAIN	Engine2		√	√	√	√	√		
16PIN DLC	POWERTRAIN	ASG								

Toyota V47.61 Diagnostics List(Note:For reference only)

Connector	Module	Systems	Functions							
			Sys.Info	Read Dtc	Clear Dtc	Data stream	Actuation	FREEZE	Special functions	Others
16PIN DLC	CHASSIS	ABS/VSC/TRC		√	√	√	√	√	1.Reset Memory 2.Test Mode 3.Inspection Mode 4.Mode changes 5.Service mode 6.The yaw rate/G sensor zero point reset (for ECB) 7.Linear pump adaptation initialization 8.Clear the backup memory 9.Air Bleeding 10.Accumulator Zero Down Drive 11.Accumulator Zero Down Drive(rear) 12.Signal Check) 13.AIR BLEED 14.ECB Utility 15.ES Calibration	
16PIN DLC	CHASSIS	AHC		√	√	√	√			
16PIN DLC	CHASSIS	AIR SUSPENSION		√	√	√	√		1.Signal Check	
16PIN DLC	CHASSIS	FREE TRONIC		√	√	√	√	√	1.Air Bleeding 2.PARTS EXCHANGE(*)(?) 3.Pressure Release	

Toyota V47.61 Diagnostics List(Note:For reference only)

Connector	Module	Systems	Functions							
			Sys.Info	Read Dtc	Clear Dtc	Data stream	Actuation	FREEZE	Special functions	Others
16PIN DLC	CHASSIS	EHPS		√	√	√	√	√	1. Steering Angle sensor output correction 2. STEERING Zero POINT correction(*)(?) 3. Mode changes 4. Check Mode 5. Abnormal Operation History 6. Signal Check	
16PIN DLC	CHASSIS	EMPS		√	√	√		√	1.Abnormal Operation History 2.Signal Check 3.Torque Sensor Adjustment 4.STEERING Zero POINT correction 5.Mode changes 6.Check Mode 7.Steering Angle sensor output correction 8.STEERING Zero POINT correction	
16PIN DLC	CHASSIS	EMS		√	√	√	√		1.Signal Check	
16PIN DLC	CHASSIS	KDSS		√	√	√	√			
16PIN DLC	CHASSIS	4WD		√	√	√	√		1.Clear the backup memory 2.Mode changes 3.Signal Check	
16PIN DLC	CHASSIS	Lane Departure Alert								

Toyota V47.61 Diagnostics List(Note:For reference only)

Connector	Module	Systems	Functions							
			Sys.Info	Read Dtc	Clear Dtc	Data stream	Actuation	FREEZE	Special functions	Others
16PIN DLC	CHASSIS	Tire Pressure Monitor		√	√	√			1.ID Registration(1.Main Set 2.2nd Set) 2.Main transmitter ID registration 3.Sub transmitter ID registration 4.Signal Check	
16PIN DLC	CHASSIS	VGRS		√	√	√		√	1.Abnormal Operation History 2.Steering Angle Adjust 3.Mode changes 4.Actuator angle neutral compensation 5.System lock 6.System unlocking 7.Clear the driving light fault counter 8.Signal Check	
16PIN DLC	CHASSIS	Stabilizer		√	√	√			1.Clear the backup memory 2.Mode changes 3.Stabilizer System Check	
16PIN DLC	CHASSIS	Intelligent Parking Assist		√	√	√				
16PIN DLC	CHASSIS	Electric Parking Brake		√	√	√	√	√	1.Clear the backup memory	
16PIN DLC	CHASSIS	Lane Keeping Aisst		√	√	√				
16PIN DLC	CHASSIS	Front Stabilizer		√	√	√	√			

Toyota V47.61 Diagnostics List(Note:For reference only)

Connector	Module	Systems	Functions							
			Sys.Info	Read Dtc	Clear Dtc	Data stream	Actuation	FREEZE	Special functions	Others
16PIN DLC	CHASSIS	Rear Stabilizer		√	√	√	√			
16PIN DLC	CHASSIS	ARS		√	√	√			1.Mode changes	
16PIN DLC	CHASSIS	PPS		√	√	√				
16PIN DLC	BODY	AFS		√	√	√	√			
16PIN DLC	BODY	AIR CONDITIONER		√	√	√	√		1. Servomotor Initialization	
16PIN DLC	BODY	BACK DOOR		√	√	√	√			
16PIN DLC	BODY	BODY		√	√	√	√		1.Wireless Code Registration,(*) 2.Wireless Code Erasure(*)(?) 3.ECU link message initialization	
16PIN DLC	BODY	BODY2		√	√	√	√			
16PIN DLC	BODY	BODY NO3				√	√			
16PIN DLC	BODY	BODY NO4		√	√	√	√			
16PIN DLC	BODY	BODY NO5		√	√	√	√			
16PIN DLC	BODY	CLEARANCE SONAR		√	√	√	√	√	1.Steering wheel adjustment	

Toyota V47.61 Diagnostics List(Note:For reference only)

Connector	Module	Systems	Functions							
			Sys.Info	Read Dtc	Clear Dtc	Data stream	Actuation	FREEZE	Special functions	Others
16PIN DLC	BODY	COMBI SW				√				
16PIN DLC	BODY	D-DOOR		√	√	√	√			
16PIN DLC	BODY	D-SEAT		√	√	√	√			
16PIN DLC	BODY	GATEWAY		√	√	√			1. Initialization	
16PIN DLC	BODY	MIRROR				√	√			
16PIN DLC	BODY	MIRROR-L				√	√			
16PIN DLC	BODY	MIRROR-R				√	√			
16PIN DLC	BODY	OCCUPANT DETECT		√	√	√			1. Zero Point Calibration 2.Sensitivity Check 3.ECU Exchange	
16PIN DLC	BODY	P-DOOR		√	√	√	√			
16PIN DLC	BODY	P-SEAT		√	√	√	√			
16PIN DLC	BODY	PWR SOURCE CTRL		√	√	√	√			
16PIN DLC	BODY	RAIN SENSOR		√	√	√				

Toyota V47.61 Diagnostics List(Note:For reference only)

Connector	Module	Systems	Functions							
			Sys.Info	Read Dtc	Clear Dtc	Data stream	Actuation	FREEZE	Special functions	Others
16PIN DLC	BODY	REAR-SEAT SW				√				
16PIN DLC	BODY	RL-DOOR MOTOR		√	√	√	√			
16PIN DLC	BODY	RL-SEAT				√	√			
16PIN DLC	BODY	RR-DOOR MOTOR		√	√	√	√			
16PIN DLC	BODY	RR-SEAT				√	√			
16PIN DLC	BODY	SLIDE ROOF		√	√	√	√			
16PIN DLC	BODY	SRS AIRBAG		√	√	√			1.CHECK MODE(*)(?) 2.Mode changes	
16PIN DLC	BODY	STEERING PAD				√				
16PIN DLC	BODY	TILT&TELESCO		√	√	√	√	√		
16PIN DLC	BODY	WIPER				√	√			
16PIN DLC	BODY	Main Body		√	√	√	√		1.Initialization 2.Wireless Code Erasure 3.Wireless Code Registration 4.ECU link message initialization	
16PIN DLC	BODY	Tvss		√	√	√	√			

Toyota V47.61 Diagnostics List(Note:For reference only)

Connector	Module	Systems	Functions							
			Sys.Info	Read Dtc	Clear Dtc	Data stream	Actuation	FREEZE	Special functions	Others
16PIN DLC	BODY	Entry&Start		√	√	√	√	√	1.Key Code Registration (*)(?) 2.Key Code Erasure(*)(?) 3.Initialization 4.Communication Check(Key Diag Mode 5.ECU Communication ID Registration 6.Key Code Registration 3.1	
16PIN DLC	BODY	Master Switch		√	√	√	√			
16PIN DLC	BODY	HV Gateway		√	√	√			1. Initialization	
16PIN DLC	BODY	Night View		√	√	√	√		1.Camera angle adjustment	
16PIN DLC	BODY	HL AutoLeveling		√	√	√	√		1. Height Sensor Initialization	
16PIN DLC	BODY	Gateway BEAN		√	√					
16PIN DLC	BODY	Accessory Gateway		√	√	√				
16PIN DLC	BODY	Front Left Seat A/C		√		√	√			
16PIN DLC	BODY	Front Right Seat A/C		√		√	√			
16PIN DLC	BODY	Gateway CAN		√	√				1. Initialization	

Toyota V47.61 Diagnostics List(Note:For reference only)

Connector	Module	Systems	Functions							
			Sys.Info	Read Dtc	Clear Dtc	Data stream	Actuation	FREEZE	Special functions	Others
16PIN DLC	BODY	ECM Gateway		√	√	√			1. Initialization	
16PIN DLC	BODY	ECB Gateway		√	√	√			1. Initialization	
16PIN DLC	BODY	WIL Gateway		√	√	√			1. Initialization	
16PIN DLC	BODY	Center Console Switch			√	√				
16PIN DLC	BODY	Rear Console Switch		√	√	√	√			
16PIN DLC	BODY	Rear Left Seat A/C		√		√	√			
16PIN DLC	BODY	Rear Right Seat A/C		√		√	√			
16PIN DLC	BODY	Electric Power Control		√	√	√	√	√		
16PIN DLC	BODY	Active Headrest R		√	√	√	√			
16PIN DLC	BODY	Active Headrest L		√	√	√	√			
16PIN DLC	BODY	Combination Meter		√	√	√	√			

Toyota V47.61 Diagnostics List(Note:For reference only)

Connector	Module	Systems	Functions							
			Sys.Info	Read Dtc	Clear Dtc	Data stream	Actuation	FREEZE	Special functions	Others
16PIN DLC	BODY	Theft Deterrent		√	√	√	√		1.Communication Check(Key Diag Mode) 2.Key Code Erasure 3.Key Code Registration 4.Key Number Change 5.Key Number Registration 6.Wireless Code Registration 7.Wireless Code Erasure 8.Wireless Door Lock Diagnosis Mode	
16PIN DLC	BODY	Pre-Crash		√	√	√	√		1.Optical axle adjustment	
16PIN DLC	BODY	Pre-Crash 2		√	√	√	√		1. Initialization	
16PIN DLC	BODY	PM1 Gateway		√	√	√			1. Initialization	
16PIN DLC	BODY	PM2 Gateway		√	√	√			1. Initialization	
16PIN DLC	BODY	Charging Control		√	√	√	√			
16PIN DLC	BODY	Night		√	√	√	√			

Toyota V47.61 Diagnostics List(Note:For reference only)

Connector	Module	Systems	Functions							
			Sys.Info	Read Dtc	Clear Dtc	Data stream	Actuation	FREEZE	Special functions	Others
16PIN DLC	BODY	Romote Security		√	√	√	√			
16PIN DLC	BODY	CAN bus Gateway		√	√	√				
16PIN DLC	BODY	Remote Generator Start				√				
16PIN DLC	BODY	Powertrain Gateway2		√	√	√				
16PIN DLC	BODY	Pedal			√	√				
16PIN DLC	BODY	Radar Cruise		√	√	√			1.Laser/Radar Cruise Initialization	
16PIN DLC	BODY	Front Left Door		√	√	√	√			
16PIN DLC	BODY	Front Right Door		√	√	√	√			

Toyota V47.61 Diagnostics List(Note:For reference only)

Connector	Module	Systems	Functions							
			Sys.Info	Read Dtc	Clear Dtc	Data stream	Actuation	FREEZE	Special functions	Others
16PIN DLC	BODY	Telematic		√	√	√				
16PIN DLC	BODY	P Master Switch		√	√	√	√			
16PIN DLC	BODY	Blind Spot Monitor R		√	√	√				
16PIN DLC	BODY	Blind Spot Monitor L		√	√	√				
16PIN DLC	BODY	Active Rear Wing								
16PIN DLC	BODY	Transmission Control		√	√	√		√		
16PIN DLC	BODY	Multi Bus Gateway		√	√	√				
16PIN DLC	BODY	Multi Bus Monitor No.1		√	√	√			1.Initialization	
16PIN DLC	BODY	Multi Bus Monitor No.2		√	√	√			1.Initialization	

Toyota V47.61 Diagnostics List(Note:For reference only)

Connector	Module	Systems	Functions							
			Sys.Info	Read Dtc	Clear Dtc	Data stream	Actuation	FREEZE	Special functions	Others
16PIN DLC	BODY	Gateway V		√	√	√			1.Initialization	
16PIN DLC	ANTI THEFT	IMMOBILISER		√	√	√	√		1.Transponder Code Registration 2.Transponder Code Erasure 3.Auto Reg Closure 4.Auto Registration Closure 5.Key Code Erasure 6.Key Code Registration 7.ECU Communication ID Registration 8.Key Number Change 9.Key Number Registration 10.Transponder Code Erasure 2 11.Transponder Code Registration 2	
16PIN DLC	ANTI THEFT	steering lock		√	√	√	√		1. ECU Communication ID Registration 2.Transponder Code Registration 3.Transponder Code Erasure 4.Key Number Change 5.Key Number Registration	
17PIN TOYOTA-17 DLC	ENGINE			√	√	√				

Toyota V47.61 Diagnostics List(Note:For reference only)

Connector	Module	Systems	Functions							
			Sys.Info	Read Dtc	Clear Dtc	Data stream	Actuation	FREEZE	Special functions	Others
17PIN TOYOTA-17 DLC	SRA AIR BAG			√	√					
17PIN TOYOTA-17 DLC	ECT			√	√					
17PIN TOYOTA-17 DLC	ABS			√	√					
17PIN TOYOTA-17 DLC	CCS			√	√					
17PIN TOYOTA-17 DLC	AIR SUSPENSION			√	√					
17PIN TOYOTA-17F or 22PIN DLC	ENGINE			√	√	√				
17PIN TOYOTA-17F or 22PIN DLC	SRA AIRBAG			√	√					

Toyota V47.61 Diagnostics List(Note:For reference only)

Connector	Module	Systems	Functions							
			Sys.Info	Read Dtc	Clear Dtc	Data stream	Actuation	FREEZE	Special functions	Others
17PIN TOYOTA-17F or 22PIN DLC	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.