

BarsIII Professional



TOYOTA / LEXUS 1991-2009

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Non OBD-II for Toyota/Lexus 1991-1997

Models equipped with 23-Pin, 17-Pin and OBD-II Vehicle Diagnostic Connector:

SYSTEM	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION
Engine	+	+	Disconnect fuse	
Air Bag / SRS		+	+	
ABS		+		
Air Suspension		+		
Traction		+		
Auto A/C		+		
Cruise Control		+		

OBD-II for TOYOTA / LEXUS 1997-2006

Models equipped with OBD-II connector only for non-CAN

SYSTEM	TYPE SYSTEM	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	ADAPTATION
POWER TRAIN	Engine (Gasoline / Diesel)	+	+	+	+	+ Reset ECM / Memory, Check Mode Setting VIN
	Engine (Diesel D4D)	+	+	+		
	Transmission	+	+	+	+	
	Transmission (Diesel D4D)	+	+	+		
	CCS (Cruise Control System)	+	+	+		
	Laser/Radar CCS	+	+	+		
	HV CCS	+	+	+		
	HV ECU (Hybrid Vehicle ECU)	+	+	+		
HV Battery	+	+	+		+ Onboard Equalizing Charge,	

						ECU Initialization
	Stop and Go		+	+		
	Sequential MT (Manual Transmission)		+	+		+ SMT Learning Value Initialization
CHASSIS	ABS/ Traction/VSC	+	+	+	+	+ Zero Point Calibration, ECB Utilities, Reset Memory, Test Mode Setting
	AHC/EMS/AIR Suspension	+	+	+		+ Height Offset Utility
	Tire Pressure Warning System (TPWS)	+	+	+		
	Tire Pressure Monitoring System (TPMS)	+	+	+		+ ID Registration (Color Code), ID Registration (ID Code)
	EMPS/EHPS (Electric Motor Assisted Power Steering)	+	+	+		+ Torque Sensor Zero Point Adjustment
	T/M Control		+	+		
	VGRS (Variable Gear-Ratio Steering)		+	+		+ Steer Angle Adjust, Counter Clear, Clear Pre-driver Malfunction Counter, System lock, System unlock
	KDSS (Kinetic Dynamic Suspension System)	+	+	+		
	Stabilizer		+	+		+ Backup Memory Reset
AIR CONDITION	A/C	+	+	+	+	
IMMOBILIZER	Immobilizer (Engine ECU)	+	+	+		+ Key Utility, Immobilizer ECU Reset
	Immobilizer / Steering Lock	+	+	+	+	+

						Key Utility, Immobilizer ECU Reset
	Thief Detection System (TDS)	+	+	+	+	
	Smart Key	+	+	+	+	
BODY	SRS (Air Bag)		+	+		
	Meter / Combination Meter	+			+	
	Clearance Sonar	+	+	+	+	
	Tilt & Telescopic / Steering Wheel	+	+	+	+	
	Gateway or Body		+	+	+	+ Wireless Register, Automatic Door Locking and Unlocking, ECU Connection Information Initialization
	Body 2	+	+	+	+	
	Body 3		+	+	+	
	Body 4	+	+	+	+	
	Body 5	+			+	
	AFS (Adaptive Front-lighting System)	+	+	+	+	+ Steering Sensor Initialization
	Wiper	+			+	
	Power Source Control	+	+	+	+	
	Pre-Crash / Pre-Collision	+	+	+	+	
	Rain Sensor	+				
	Mirror-Right	+			+	
	Mirror-Left	+			+	
Night View		+	+			
SEAT / DOOR / ROOF	Occupant Detection	+	+	+		+ Zero Calibration Sensitivity Check
	RTRCTBL Hardtop	+	+	+	+	
	D-DOOR (Driver Door)	+	+	+	+	
	P-DOOR (Passenger Door)	+	+	+	+	
	RL-DOOR (Rear Left Door)	+	+	+	+	
	RR-DOOR (Rear Right Door)	+	+	+	+	
	Back Door	+	+	+	+	

	D-SEAT (Driver Seat)	+			+	
	P-SEAT (Passenger Seat)	+			+	
	RR-SEAT (Rear Right Seat)	+			+	
	RL-SEAT (Rear Left Seat)	+			+	
	Slide Roof	+			+	
SWITCH SYSTEM	D-SEAT Switch	+				
	Combination Switch	+				
	Master Switch	+			+	
	Steering Pad	+				
	Rear-Seat Switch	+				

WORK SUPPORT FUNCTIONS:

Transmission: CVT oil pressure learning; Clutch oil pressure leaning; SMT learning value initialization; G sensor zero point learning; AT/CVT learning value initialization.

ECD (Electronic Controlled Diesel): Injector Correction (Each Cylinder Code Confirmation; Injector Correction (Manual ID Code Registration); Injector class confirmation and setting; Filter's related work; Supply pump initialization; Engine setting change.

Battery: ECU initialization.

Radar Cruise: Radar cruise initialization; Optical axis adjustment.

Stop & Go: Starter active count display/setting/clear; CVT oil pressure pump air bleeding.

Mild HV: Refresh charge; SOC learning.

VGRS: System lock/unlock; Actuator angle center adjustment; Clear predriver malfunction counter value.

Power Steering: Steering wheel zero point adjustment

OBD-II for Toyota/Lexus 2006-2009

Models equipped with OBD-II connector only for CAN system

SYSTEM	TYPE SYSTEM	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	ADAPTATION
POWER TRAIN	Engine (Gasoline) and ECT	+	+	+	+	+ G Sensor, Zero Point Learning, Reset Memory, Check Mode, Electric Throttle Learning, Shift Control Synchronization

	Engine (Diesel)	+	+	+	+	+	Injector Compensation, Reset Memory, Check Mode, Supply Pump Initialization, Crank Time Compensation Reset, A/F Sensor Compensation Reset, DPF Deterioration Record Clear	
	Transmission (ECT)	+	+	+				
	Hybrid Control	+	+	+	+	+	Initialization, Reset Memory, Inspection Mode	
	E-ACM	+	+	+				
	Cruise Control (Engine ECU)	+	+	+				
	Cruise Control (HV ECU)	+	+	+				
	Radar Cruise (HV ECU)	+	+	+				
	HV Battery	+	+	+				
CHASSIS	ABS / Traction / VSC	+	+	+	+	+	+	Zero Point Calibration, ECB Utilities, Reset Memory, Inspection Mode
	TPMS (Tire Pressure Monitoring System)	+	+	+			+	Reset Memory, ID Registration (ID Code)
	EMPS / EHPS (Electric Motor Assisted Power Steering)	+	+	+			+	Torque sensor adjustment
	Advanced Parking Guidance System		+	+				
	EPB (Electric Parking Brake)		+	+	+	+	+	Reset Memory
	Air Suspension	+	+	+				
	Lane Keeping Assist	+	+	+				
	Front Stabilizer		+	+	+	+		

	Rear Stabilizer		+	+	+	
	4WD	+	+	+	+	
	KDSS		+	+		
AIR CONDITION	A/C	+	+	+	+	+ Servomotor Initialization
	Front Right Seat A/C	+	+	+	+	
	Front Left Seat A/C	+	+	+	+	
	Rear Right Seat A/C	+	+	+	+	
	Rear Left Seat A/C	+	+	+	+	
IMMOBILIZER	Entry and Start (Smart Key)	+	+	+	+	
	Remote Engine Starter	+	+	+		
	Starting Control	+	+	+	+	
BODY	Combination Meter	+	+	+	+	
	SRS / Airbag	+	+	+		
	Pre-Collision	+	+	+		
	Pre-Crash 2	+	+	+		
	Rain Sensor	+	+	+		
	Electric Power Control	+	+	+		
	Intuitive Parking Aid	+	+	+	+	
	Main Body	+	+	+	+	
	AFS / Head Light Auto Leveling		+	+	+	+ ECU Information Sync
	Body 4		+	+	+	
	Body 5		+	+	+	
	Power Source Control	+	+	+		
	Tilt and Telescopic / Steering Wheel	+	+	+	+	
	Navigation System		+	+		
GATEWAY	ECB Gateway	+	+	+		
	ECM Gateway	+	+	+		
	Gateway CAN	+	+	+		
	Mayday Gateway	+	+	+		
	PM1 Gateway	+	+	+		
	Accessory Gateway	+	+	+		
	WIL Gateway		+	+		
	PM2 Gateway		+	+		

SEAT / DOOR / ROOF	Driver's Door (D-DOOR) Motor	+	+	+	+	
	Passenger's Door (P-DOOR) Motor	+	+	+	+	
	Rear Left Door (RL-DOOR)	+	+	+	+	
	Rear Right Door (RR-DOOR)	+	+	+	+	
	Back Door Power Window	+	+	+	+	
	Rear Left Door (RL-DOOR) Motor	+	+	+	+	
	Rear Right Door (RR-DOOR) Motor	+	+	+	+	
	Driver Seat (D-SEAT)	+	+	+	+	
	Passenger Seat (P-SEAT)	+	+	+		
	Rear Right Seat (RR-SEAT)	+	+	+		
	Rear Left Seat (RL-SEAT)	+	+	+		
	Slide Roof	+	+	+		
SWITCH	D-SEAT Switch	+	+	+	+	
	Combination Switch	+				
	Master Switch	+	+	+		
	Steering Pad	+				
	Rear Consol Switch	+	+	+	+	
	Center Consol Switch	+			+	