

BarsIII Professional



TOYOTA / LEXUS 1991-2010

July 2010

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

SYSTEM	TYPE SYSTEM	DATA STREAM	READ CODE	CLEAR CODE	ACTIVATION	ADAPTATION
POWER TRAIN	Engine (Gasoline / Diesel)	+	+	+	+	+ Reset ECM/ Memory
	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		+	+		
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 code, Color 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
	Kinetic Dynamic Suspension System (KDSS)	+	+	+		
	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
	TDS (Thief Deterrent)		+	+		
	Smart Key	+	+	+	+	
BODY	SRS (Air Bag)		+	+		
	Meter / Combination Meter	+			+	
	Tilt and Telescopic/Steering Wheel	+	+	+	+	
	Clearance Sonar	+	+	+	+	
	Gateway or Body		+	+	+	+ Wireless register, Automatic door locking and unlocking, ECU connection information initialization
	AFS (Adaptive Front-lighting System)	+	+	+	+	+ Steering sensor initialization
	Mirror /Mirror-Right	+			+	
	Mirror /Mirror-Left	+			+	
	Night View		+	+		
	Power Source Control	+	+	+	+	
	Pre-Crash / Pre-Collision	+	+	+	+	
	Rain Sensor	+			+	
	Wiper	+			+	
	Body 2	+	+	+		
	Body 3		+	+		
	Body 4	+	+	+		
Body 5	+					
SEAT / DOOR / ROOF	Driver's Door (D-DOOR)	+	+	+	+	
	Passenger's Door (P-DOOR)	+	+	+	+	
	Rear Left Door (RL-DOOR)	+	+	+	+	
	Rear Right Door (RR-DOOR)	+	+	+	+	
	Back Door	+	+	+	+	
	Occupant Detection	+	+	+		+ Zero calibration, sensitivity Check
	RTRCTBL Hardtop	+	+	+		
	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-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: Each cylinder code confirmation; 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 / Diesel / Diesel D4D)	+	+	+	+	+ Injector

	and ECT					compensation (diesel engine), G sensor, Zero point learning
	Transmission (ECT)	+	+	+		
	Hybrid Control	+	+	+		
	E-ACM	+	+	+		
	CCS -Cruise Control System (Engine ECU)	+	+	+		
	Laser / Radar CCS	+	+	+		
	HV ECU (Hybrid Vehicle ECU)	+	+	+		
	HV Battery	+	+	+		
CHASSIS	ABS / Traction / VSC	+	+	+		+ Zero point calibration, ECB utilities, reset memory, inspection mode
	Advanced Parking Guidance System		+	+		
	Air Suspension	+	+	+		
	TPMS (Tire Pressure Monitoring System)	+	+	+		+ Reset memory, ID Code
	EMPS / EHPS (Electric Motor Assisted Power Steering)		+	+		+ Torque sensor adjustment
	EPB (Electric Parking Brake)		+	+	+	+ Reset memory
	Front Stabilizer		+	+	+	
	Rear Stabilizer		+	+	+	
	4WD	+	+	+	+	
	KDSS		+	+		
Lane Keeping Assist	+	+	+			
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	Smart Key (Entry and Start)	+	+	+	+	
	Remote Engine Starter	+	+	+		
	Starting Control	+	+	+		
BODY	Combination Meter	+	+	+	+	
	SRS Air Bag	+	+	+		
	Pre-Collision	+	+	+		
	Pre-Crash 2	+	+	+		
	Rain Sensor	+	+	+		
	Electric Power Control		+	+		
	Intuitive Parking Aid	+	+	+	+	
	Main Body	+	+	+	+	
	AFS (Adaptive Front-lighting System)		+	+		
	Body 4		+	+		
	Body 5		+	+		
	Power Source Control	+	+	+		
	Tilt and Telescopic/Steering Wheel	+	+	+	+	
	Navigation System		+	+		
GATEWAY	ECB Gateway	+	+	+		
	ECM Gateway	+	+	+		
	Gateway CAN	+	+	+		
	Mayday Gateway	+	+	+		
	Accessory Gateway	+	+	+		
	WIL Gateway		+	+		
	PM1 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	+	+	+		
	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	+			+	