

2010 TOYOTA TECHNOLOGY SUMMARY*

FEATURES	YARIS	AVALON	CAMRY	CAMRY HV	VENZA	PRIUS	COROLLA	COROLLA MATRIX	SIENNA	LAND CRUISER	SEQUOIA	4RUNNER	FJ CRUISER	HIGHLANDER	HIGHLANDER HYBRID	RAV4	TUNDRA	TACOMA
ENGINE																		
Size in Line	1.5	3.5	2.5/3.5	2.4	2.7/3.3	1.8	1.8/2.4	1.8/2.4	3.5	5.7	4.6/5.7	2.7/4.0	4.0	2.7/3.5	3.3	2.4/3.5	4.0/4.6/5.7	2.7/4.0
Configuration	L4	V6	L4/V6	L4	L4/V6	L4	L4	L4	V6	V8	V8	L4/V6	V6	L4/V6	V6	L4/V6	V6/V8	L4/V6
Number of Cams/Valves	2/16	4/24	2/16,4/24	2/16	2/16,4/24	2/16	2/16	2/16	4/24	4/32	4/32	4/16,4/24	4/24	2/16,4/24	4/24	2/16,4/24	2/16, 4/24	2/16,4/24
Variable Valve Timing w/intelligence (VVT-i)	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Variable Valve Timing & Lift w/intelligence (VVTL-i)																		
Acoustically Controlled Induction System (ACIS)		S	S-V6		S-V6				S		S	S	S	S	S-V6	S	S	S-V6
Electronic Throttle Control System w/intelligence (ETCS-i)		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Active Control Engine Mount		S	S-V6		S-V6				S					S	S	S	S	S
Electric Motor/Generator						S									S			
TRANSMISSION																		
Automatic/Number of Gears	O/4	S/6	O/6(L4), 6(v6)		S/6		4(1.8), 5(2.4)	4(1.8&AWD), 5(2.4)	S/5	S/6	S/6(4.6),6(5.7)	S/4(2.7),S/5(4.0)	S/5	L4:6/V6:5		L4:4/V6:5	4.0 & 4.6:6/5.7:6	L4:4/V6:5
Manual/Number of Gears	S/5		S/6-4cyl only				S/5	S/5					S/6					L4:5/V6:6
Electronically Controlled Continuously Variable Transmission				S		S									S			
Sequential shift		S	S		S			S (XRS)						S				
Electronically Controlled Transmission (ECT)	O						O	O						S		S		
Electronically Controlled Transmission w/intelligence (ECT-i)		S	O		O				S	S	S	S	S	S			O(V6),S(V8)	O
Snow Mode										S				S				
TRACTION SYSTEM																		
Front-Wheel Drive (2-wheel)	S	S	S	S	S	S	S	S	S					S	S	S		
Rear-Wheel Drive (2-Wheel)											S	S(L4,V6)	S (2WD)				S	S
4-Wheel Drive (Part-time)												S(L4,V6)	S (4WD 5-AT)				S	S (4x4)
4-Wheel Drive (On-demand)								O						S (4WD-i)		S (4WD)		
4-Wheel Drive (Full-time)					O			O (LE,XLE,Ltd)		S		S (V6 4x4)	S (4WD 6-MT)	S (V6)				
4-Wheel Drive (Mult-Mode)											S (4X4)	S (V6 4X4)						
Viscous Center Coupling																		
Viscous Rear Coupling																		
Torsen Limited Slip Differential (Center/Rear)											S (4WD Ctr)	S (4x4 Ctr, LTD)						
Limited Slip Rear Differential (Clutch-Type)													S (2WD)					A (V6)
Locking Differential										S (Ctr)	S (4WD Ctr)	S(4x4 Ctr)(Rr Trail)	S (4WD MT Ctr)			S (4WD Ctr)		O (V6)
Automatic Disconnecting Differential System											S (4WD)	S (4WD V6)	S (4WD AT)				S (4WD)	S (4WD)
Transfer Case									S (AWD)	S	S (4WD)	S (4WD)	S (4WD)	S (4WD)			S (4WD)	S (4WD)
STEERING																		
Power Assist Rack & Pinion		S	S		S				S	S	S	S	S	S	S	S	S	S
Electric Power Steering (EPS)	S			S	S	S	S	S						S	S	S		
Manual Tilt Steering Column	S		S	S	S													
Manual Tilt/Telescoping Steering Wheel/Column		S	S	S	S	S	S	S		S (Power)	S	S	S	S	S	S	S	S
SUSPENSION																		
Front																		
MacPherson Str	S	S	S	S	S	S	S	S						S	S	S		
Double Wishbone																		
Rear																		
Live Axle/Rear Leaf																		
4-Link Live Axle/Coil Springs										S		S	S					
5-Link Live Axle/Coil Springs																		
Torsion Beam	S					S	S	S	S									
Kinetic Dynamic Suspension System										S		O (Trail)						
MacPherson Strut (Dual Link)		S	S	S	S									S				
Toyota Electronic Modulated Suspension										O	S (Plt)							
Active Height Control										O								
ADVANCED TECHNOLOGY																		
Mechanical Load-Leveling rear Shock Absorbers											O (SR5)							
X-REAS Suspension												S (Ltd)						
Ride-Height Control Rear Air Suspension											S(Plt) O(SR5,Ltd)							
Hill Start Assist System (HAC)						S				S		S (V6)		S	S	S-V6, 4cyl-3rd row		O (A/T only)
Downhill Assist Control System (DAC)										S		S (4WD SR5/Ltd)		S (V6 4WD)		S-V6, 4cyl-3rd row		O (4X4 A/T)
Traction Control (TRAC) (2 Wheel)	S	O	S	S	S	S	S	S	S (XLE, Ltd) O (CE, LE)		S (2WD)	S (2WD)	S (2WD)	S	S	S	S	S (2WD)
CRAWL Control										S		S (Trail)						
4-Wheel Traction Control					S (AWD)				S (AWD)	S	S (4WD)	S (4WD)	S (4WD)	S	S	S	S	S (4WD)
BRAKES																		
Front Ventilated Disc	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Rear Ventilated Disc																		
Rear Solid Disc		S	S	S	S	S	S (XRS only)	S	S					S	S	S		
Rear Drum	S						S								S			S
4-Wheel Anti-lock Brakes System (ABS)	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Electronic Brake-force Distribution (EBD)	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
SAFETY																		
Brake Assist (BA)		S	O	O	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Vehicle Stability Control (VSC)	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Vehicle Dynamic Integrated Management (VDIM)				S											S			
Front SRS Airbag																		S
Dual Stage Front SRS Airbags	S (Adv)	S	S (Advanced)	S (Advanced)	S (Advanced)	S (Adv)	S (Advanced)	S (Advanced)	S (Advanced)	S	S (Advanced)	S (Advanced)	S (Advanced)	S (Advanced)	S (Advanced)	S (Advanced)	S (Advanced)	S (Advanced)
Side Airbags	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Side Curtain Airbags	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Driver and front passenger knee airbag		S	S	S	S	S	S	S	S			S	S	S	S	S	S	S
Front Seatbelt Pretensioners w/Force Limiters	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Impact - Triggered Fuel Pump Cutoff	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Tire Pressure Monitor System	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Crumple Zones/Side Beams	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Safety Glass/Interior Trim Head-Impact Protection	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
CRS Lower ISO-FIX Anchors	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Top Tether Child Safety Seat Anchor	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Backup Monitor					O	O			O (XLE, Ltd)	O	S(Plt) O(SR5,Ltd)	O(SR5) S(Trail,Ltd)		S (Spt, Ltd)	S	O		O (Std. on XRnr)
Occupant Classification System	S	S	S	S	S	S	S	S	S		S	S	S	S	S	S	S	S

S - Standard
O - Factory installed option only

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HEADLAMP SYSTEMS																			
High Intensity Discharge (HID) Headlamps		S (Ltd)			O	O			S (Ltd)										
Multi-Reflector Halogen Headlamps	S	S	S	S	S	S	S	S	S (CE,LE,XLE)	S	S	S	S	S	S	S	S	S	S
Projector Headlamps					S	S						S	S						
Daytime Running Lights (DRL)	O	S	S	S	S	S	S	S	S (Ltd) AWD O (CE,LE,XLE)	S	O	S	O	S (Spt, Ltd) O (Base)	S (Ltd)	O	O	O	O
WINDOWS / MIRRORS																			
UV - and IR-Reduction Glass	S	S	S	S	S	S	S	S	O (CE) S (all others)	S	S	S	S	S	S	S	S	S	S
Water-Repellent Glass						O						S							
Privacy Glass									S (LE,XLE,Ltd)	S	S	S	O	S	S	O, Std (Ltd)	S (Dcab, CM)	O (Xcab,D-Cab)	
Auto Up/Down Front Windows		S	S (all)	S (all)	S (all)	S (all)			S (LE,XLE,Ltd) (Driver)	S (All)	S (Dr & Frt pass, Rr hatch)	S (All) Rear Hatch	S (Driver)	S (Driver)	S (Driver)	O (Dr)			
Auto-Down Windows							O (S) S (LE) (Dr. only)	S (XR) O (Matrix) Driver	S (CE)(Driver)					S (Driver)	S (Driver)	O	S (Ltd) O (SR5) Dr	S (X-Rnr,D-Cab) (Driver) O (AccessCab)	
Power Windows	O	S	S	S	S	S	S(all ex. Std) O (Std grade)	S(all ex. Std) O (Std grade)		S	S	S	S	S	S	S	S (SR5,Ltd) O (TG)	S (C, D-Cab) O (C-Cab)	
Remote Operation Windows											S (Rear Down)								
Auto-Dimming Rear View Mirror		S (XLS, Ltd)			O	O			S (XLE Ltd) S (XLE)	S	S (L,P),O (SR5)	S		S (Ltd)	S (Ltd)	O	S (Ltd) O (SR5)	O	
Heated Sideview Mirrors		S (XLS, Ltd)	S (XLE)	S	O				S (XLE, Ltd)	S	S (Ltd, PIt)	S		O(base,Spt)S(Ltd)	S	S (Ltd)			
Auto Dimming Sideview Mirror (Driver)		S (XLS, Ltd+pass)				O			S (Ltd)		S (Ltd, PIt)								
Power Folding Sideview Mirrors									S (Ltd only)		S (Ltd, PIt)					S	S (Ltd)		
SECURITY																			
Interior Trunk Release Handle/Button	S	S	S	S			S												
Toyota Theft Deterrent System w/Engine Immobilizer (Sedan)	O	S(XLS, Ltd)	S (XLE)	S	S	S	S	S	S (LE, XLE, XLE Ltd)	S	S	S(Trail, Ltd)O(SR5)		S (Spt, Ltd)	S (Ltd)	S	S (Ltd)	S (V6)	
Toyota Vehicle Intrusion Protection (VIP) System	O	O (XL)	O (SE,LE 4-Cyl)		O	O	O	O	O (CE)			O	O	S (Ltd)	S (Ltd)		O	O	
AIR CONDITIONING																			
Dual Zone Automatic Climate Controls		S	S (XLE)	S	S					S (4 zone)		S (Ltd)		S (Ltd)			S (Ltd)	S (Ltd)	
Dual Zone Manual Climate Controls									S (CE,LE)									S (TG, SR5)	
Dust and Pollen Filter	S	S	S	S		S	S	S	S		S	S		S	S	S (Ltd)			
Rear Air Conditioning System Control									S					O	O				
Single Zone Automatic Climate Control						S						S (SR5, Trail)							
Single Zone Manual Heat/AC Control	S		S (CE, LE, SE)				S	S					S	S (Spt)	S	S (B, Spt)	S O (Reg Cab)	O(C-Cab 4x2) S (All Others)	
Tri-Zone Auto Climate Controls									S (XLE, Ltd)		S			O (Spt, Ltd)	O				
AUDIO																			
AM/FM/CD	O	S	S	S		S	S	S	S (CE)		S	S	S	S	S	S	S	S	
AM/FM Stereo 6-CD Changer			O		S		O	O	S (LE)		O		O	S (S,L) O (B,S)	S (L) O (B)	S (Ltd) O (Spt)	S (Ltd) O (SR5)	O	
JBL AM/FM Stereo 6-CD Changer		O	S,O		O	O	O	O	S (XLE, Ltd)	S	S (L,P) O (SR5)	S (Ltd)		S (S,L) O (B,S)	S (L) O (B)	O (Ltd)	S (Ltd) O (SR5)	O	
JBL AM/FM/MP3 4-disc CD changer											O (Trail/Ltd)	O (Trail/Ltd)							
Steering Wheel Audio Control		S	S	S	S		O	O	S	S	S	O	O	S (S,L) O (B)	S (L) O (B)	S (Ltd) O (Spt)	S (Ltd) O (SR5)	O(C-Cab) S(XRnr)	
Satellite Radio Capability		S	S,O	O	S	S			O	S	S (L,P) O (SR5)	O	O	S (S,L) O (B,S)	S (L) O (B)	S	O	S	
Bluetooth Capability		S,O	S,O	O	O	S	O	O	O	S	S (L,P) O (SR5)	S(Trail,Ltd) O(SR5)		O	O	O (Ltd)	S (Ltd) O (SR5)	S	
MP3/WMA Playback Capability	O	S	S	S	S	O	S	S	S	S	S	S	S	S	S	S	S	S	
Rear Seat Audio System (RSAS)									O	O	O			O (S,L)	O (S,L)			O	
Rear-Seat Entertainment System (RSE)									O	O	O							S	
Audio Mini-Jack	O	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
iPod Compatible Pioneer AM/FM/CD	O					O						S(Trail,Ltd) O(SR5)							
LUXURY / COMFORT / CONVENIENCE																			
DVD Navigation System		O (XLS, Ltd)	O (SE, XLE, Hyb)	O	O	O	O	O	O (XLE, Ltd)	O	O	O (Trail,Ltd)	O (non-DVD)	O (Spt, Ltd)	O (Ltd)			O (Acc,D-Cab Ltd)	
Rain-Sensing Windshield Wipers		S (Ltd)																O (D-cab)	
HomeLink® Universal Transmitter		S (XLS, Ltd) O(XL)	S (XLE) O (SE)	S		O			S (XLE,Ltd) O (LE,XLE)	S	S (Ltd, PIt) O (SR5)	S		S (Ltd) O (Sport)	O			O (D-cab)	
Truck Pass-Through to Cabin		S	S (SE, XLE)																
Heated Front Seats		S (Ltd w/fan) O (XLS)	O (SE, XLE, Hyb)	O		O			S (XLE Ltd) O (XLE)	S	S (Ltd, PIt)	S (Ltd)		O (Spt, Ltd)	O(Ltd)	O (Ltd)	O (D-cab Ltd)		
Rear Sunshade		S (Ltd) Pwr	S (XLE)						S (Ltd), O (XLE)		S (Ltd, PIt)								
12-Volt Power Points	S (1)	S (2)	S (2)	S (2)	S (3)	S (2)	S (2)	S (2)	S (3)	S (3)	S (3)	S (3)	S (1)	S (2)	S (2)	S (3)	S (2) (3-Dcab)	S (2)	
115-Volt AC Power Points								S (1) S & XRS	O (LE,XLE,Ltd)				O	O (Spt, Ltd)	O (Ltd)		O (Acc-cab, D-cab)	O (V6-C&D-Cab) S (X-Rnr)	
120V AC/400W power outlets												S 2(Trl,Ltd)O(SR5)							
Driver's Seat Lumbar Support		S	S (ex. CE)	S					S (LE,XLE,Ltd)	S	S	S		S (Ltd) O (Others)	S (Ltd)	S(S,Ltd)		S (X-Rnr, D-Cab)	
Dynamic Laser Cruise Control		O (Ltd)				O			S (Ltd)		S (PIt)								
Toyota Parking Assist System						O			S (XLE, Ltd)		S(PIt) O(SR5,Ltd)	S (SR5)	O					O	

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