

I: Inspect and correct or replace as necessary.
R: Replace or change or lubricate.

Avensis

*1: Check that the radiator and condenser are not blocked with leaves, dirt or insects; check radiator fins; check hoses and connections for correct installation, corrosion etc.; clean if necessary

*2: After 60,000 km (36,000 miles) or 36 months, replace every 30,000 km (18,000 miles) or 24 months.

*3: Only use "Toyota Super Long Life Coolant" or similar high quality ethylene glycol based non-silicate, non-amine, non-nitrate and non-borate coolant with long life hybrid organic acid technology (= combination of low phosphates and organic acids)

*4: For Sweden, Norway and Finland only.

MAINTENANCE SCHEDULE - EUROPE 15,000 km/9,000 miles

27/02/2009

DIESEL ENGINE														MAINTENANCE OPERATIONS										Avensis							
SERVICE INTERVALS: Odometer reading or months, whichever comes first																ODOMETER READING										Months (): for reference	1CD-FTV (2.0 D4D)				
														× 1,000 km		1	7.5	15	22.5	30	37.5	45	52.5	60	67.5		75	82.5	90	CDT220	
MAINTENANCE ITEMS														× 1,000 miles		1	4.5	9	13.5	18	22.5	27	31.5	36	40.5		45	49.5	54	00/07	01/07
Timing Belt														*6		I										—	●	●			
														Replace every 105,000 km (60,000 miles)																	
														Replace every 150,000 km (90,000 miles)																	
Timing pulley*6																I															
Timing belt cover*6																C															
Valve Clearance		*I : Sensory Inspection																		*I		(Every 48 months)		●	●						
		A: Adjust												A		A		A		A		Every 12 months									
Drive belt		Normal belt												I		I		I		I		Every 12 months									
		V-ribbed belt												Inspect at 105.000 km (63.000 miles). After, inspect every 15.000 km (9.000 miles)										Initial 72 months; then, every 12 months							
Engine oil (ACEA: B1; API: CF-4 or CF)*1		Normal		R				R				R				R		Every 12 months		●	●										
		Severe		R				R				R				R		Every 6 months													
		Variable		Replace when the reminder light illuminates or after 24 months																											
Engine oil filter		Normal		R				R				R				R		Every 12 months		●	●										
		Severe		R				R				R				R		Every 6 months													
		Variable		Replace when the reminder light illuminates or after 24 months																											
Cooling and heater system *2								I				I				I		Every 24 months		●	●										
Engine coolant		LLC (red/green) *3												R				R				Initial: 36 months									
		S-LLC (pink) *4												I				I													
														First replace at 150,000 km (90,000 miles); after, every 90.000 km (54.000 miles)																	
Exhaust pipes and mountings						I				I				I				I		Every 12 months		●	●								
Battery				No maintenance										—																	
Fuel injection pipes				Replace every 150,000 km (90,000 miles)										—																	
Fuel filter										R								Every 72 months		●	●										
				In-tank filter and in-line filter																											
Fuel pump																															
Diesel smoke						I								I		Every 48 months		●	●												
Air cleaner filter (from October 2002, applicable to all models in production)		Normal		I				I				R				I		I: Every 24 months R: Every 48 months		●	●										
		Dusty road		I				I				R				I		I: Every 12 months R: Every 48 months													
Air cleaner filter		Normal		I				R				I				R		I: Every 12 months R: Every 48 months		X	X										
		Dusty road		Inspect every 2,500 km (1,500 miles) and replace every 45,000 km (27,000 miles) or 48 months.										—		X	X														
Air flow meter (for EURO IV vehicles)*5																															
Fuel tank cap, fuel lines, connections						I				I				I		Every 24 months		●	●												

*1: You may also use API CE or CD.

*2: Check that the radiator and condenser are not blocked with leaves, dirt or insects; check radiator fins; check hoses and connections for correct installation, corrosion etc.; clean if necessary

*3: After 60,000 km (36,000 miles) or 36 months, replace every 30,000 km (18,000 miles) or 24 months.

*4: Only use "Toyota Super-Long Life Coolant" or similar high quality ethylene glycol based non-silicate, non-amine, non-nitrate and non-borate coolant with long-life hybrid organic acid technology (coolant with long-life hybrid organic acid technology is a combination of low phosphates and organic acids)

*5: Blow air to the sensor intermittently for about 30 seconds

*6: For vehicles often operated in extremely dusty conditions, such as mining. Inspect for cracks on the Remove dust and sand from the timing belt cover.

MAINTENANCE SCHEDULE - EUROPE 15.000 km/9.000 miles

MAINTENANCE OPERATIONS

I: Inspect and correct or replace as necessary. T: Tighten to specified torque.
R: Replace or change or lubricate. L: Lubricate

CHASSIS AND BODY 1/2

SERVICE INTERVALS: Odometer reading or months, whichever comes first			ODOMETER READING																	Avensis			
																		Months	AZT220 ZZT22# CDT220				
× 1,000 km			1	7.5	15	22.5	30	37.5	45	52.5	60	67.5	75	82.5	90								
MAINTENANCE ITEMS			1	4.5	9	13.5	18	22.5	27	31.5	36	40.5	45	49.5	54		00/07						
× 1,000 miles																							
Clutch pedal, return spring and damper - Mechanical type						I			I			I			I			Every 24 months	●				
Brake pedal and parking brake						I			I			I			I			Every 24 months	●				
Brake linings and drums (Include brake linings of parking brake)			Normal				I			I			I			I			Every 24 months	●			
			Severe	I			I			I			I			I			Every 12 months	●			
Brake pads and discs			Normal	I			I			I			I			I			Every 12 months	●			
			Severe	I			I			I			I			I			Every 6 months	●			
Clutch fluid	SAE J1703 or FMVSS No. 116 DOT3					I			I			I			I			Every 24 months	●				
	SAE J1703, J1704 or FMVSS No. 116 DOT3, DOT4																						
	SAE J1704 or FMVSS No. 116 DOT4																						
Clutch fluid for auto clutch system						R			R			R			R			Every 24 months					
Sequential M/T system fluid						I			I			I			I			Every 24 months					
Brake fluid	SAE J1703 or FMVSS No. 116 DOT3					R			R			R			R			Every 24 months	●				
	SAE J1703, J1704 or FMVSS No. 116 DOT3, DOT4																						
	SAE J1704 or FMVSS No. 116 DOT4																						
Brake pipes and hoses						I			I			I			I			Every 24 months	●				
Vacuum pump for brake booster (Diesel engines only)			Luk-AT or Pierburg		Replace every 195.000 km (121.000 miles) or 120 months																		
			Others		Inspect every 195.000 km (121.000 miles) or 120 months																		
Power steering fluid			A/T fluid DEXRON® II or III					I			I			I			I			Every 24 months	●		
			TOYOTA P.S. fluid EH or equivalent																				
Steering wheel, linkage and steering gear box oil			Normal				I			I			I			I			Every 24 months	●			
			Severe	I			I			I			I			I			Every 12 months	●			
SRS airbag *1			Initial inspect at first 120 months from the vehicle registration date.																				
Propeller shaft	NLGI No. 1 or No. 2		Normal	L			L			L			L			L			Every 24 months				
			Severe	L			L			L			L			L			Every 12 months				
	NLGI No. 2		Normal																				
			Severe																				
Propeller shaft bolts			Normal				T			T			T			T			Every 24 months				
			Severe	T			T			T			T			T			Every 12 months				
Drive shaft boots			Normal				I			I			I			I			Every 24 months	●			
			Severe	I			I			I			I			I			Every 12 months	●			
			Normal	I			I			I			I			I			Every 12 months				
			Severe	I			I			I			I			I			Every 6 months				
Drive shaft bolts			Normal				T			T			T			T			Every 24 months				
			Severe	T			T			T			T			T			Every 12 months				
			Normal	T			T			T			T			T			Every 12 months				
			Severe	T			T			T			T			T			Every 6 months				
Suspension ball joints and dust covers			Normal				I			I			I			I			Every 24 months	●			
			Severe	I			I			I			I			I			Every 12 months	●			
			Normal	I			I			I			I			I			Every 12 months				
			Severe	I			I			I			I			I			Every 6 months				
Shift lever of 6-speed manual transmission																							
Automatic transmission fluid			Vehicles produced before July, '99		Normal				I			R			I			I: Every 12 months R: Every 48 months					
					Severe	I			R			I			R			I: Every 12 months R: Every 24 months					
			T-IV		Normal							I			I			Every 36 months			4		
					Severe							I			R			I: Every 36 months R: Every 72 months			4		
			WS		Normal							I			I			Every 36 months					
					Severe							I			R			I: Every 36 months R: Every 72 months					
			Other		Normal							I			R			I: Every 36 months R: Every 72 months			5		
					Severe	I			R			I			R			I: Every 18 months R: Every 36 months			5		
			Manual transmission oil and transfer oil if so equipped (Including auto clutch system)			BE3/5N		I						I						Every 48 months			
						API Gear oil GL-4 or GL-5		Normal							I			I			Every 48 months		
Severe											R			I			Every 48 months			●			
LV Gear oil API GL-4		Normal										I						Every 48 months					
		Severe										R						Every 48 months					
Other (GL-4 or GL-5)		Normal										I			I			Every 48 months					
		Severe										R			R			Every 48 months					
Transfer oil						API Gear oil GL-4 or GL-5								I			I			Every 48 months			
			API Gear oil GL-5					R			R			R			Every 48 months						
			API Gear oil GL-5								I			I			Every 48 months						
								R			R			R			Every 48 months						

*1: After 120 months from the vehicle registration date, inspect every 24 months.

4: U240E A/T models only (1AZ-FSE)
5: A24# A/T models only (1ZZ-FE)

MAINTENANCE OPERATIONS

I: Inspect and correct or replace as necessary. T: Tighten to specified torque.
R: Replace or change or lubricate.

CHASSIS AND BODY 2/2

SERVICE INTERVALS: Odometer reading or months, whichever comes first					ODOMETER READING														Avensis							
																		Months	AZT220 ZZT22# CDT220							
					× 1,000 km	1	7.5	15	22.5	30	37.5	45	52.5	60	67.5	75	82.5		90							
MAINTENANCE ITEMS					× 1,000 miles	1	4.5	9	13.5	18	22.5	27	31.5	36	40.5	45	49.5	54		00/07						
Front Differential oil*2	Differential integrated with transmission	M/T model	BE3/5N		I							I						Every 48 months								
			API Gear oil GL-4 or GL-5		Normal							I						Every 48 months			●					
					Severe							R						Every 48 months			●					
			LV Gear oil API GL-4																							
		A/T model	Vehicles produced before July, '99		Normal				I						R						I	I: Every 12 months Every 48 months	R:			
					Severe	I			R			I	R	I			R	I: Every 12 months Every 24 months	R:							
			Vehicles produced after August, '99	T-IV	Normal							I						I	Every 36 months			4				
					Normal							I						Every 48 months								
					Severe							I						R	I: Every 36 months R: Every 72 months			4				
				WS	Normal							I						I	Every 36 months							
	Normal													I						Every 48 months						
	Severe										I						R	I: Every 36 months R: Every 72 months								
																	R	I: Every 36 months R: Every 72 months			5					
	Other		Normal							I						R	I: Every 36 months R: Every 72 months			5						
			Severe				I			R			I			R	I: Every 18 months R: Every 36 months			5						
	Differential separated from transmission (API Gear oil GL-5)					I			R			I	R	I			R	I: Every 12 months R: Every 48 months								
									R			R			R			R			Every 48 months					
	Rear differential oil					API Gear oil GL-5					R			R			R			Every 48 months						
						A/T fluid WS		Normal				I						I	Every 36 months							
								Severe				I						R	I: Every 36 months R: Every 72 months							
	Wheel bearing grease (tapered roller type wheel bearing only) and ball joint grease					NLGI No. 2		Normal				R			R			R			Every 24 months					
								Severe	R			R			R	R	R			Every 12 months						
Normal														R						R						
Severe								R			R			R			R									
Front and rear suspension					Normal				I			I						I	Every 24 months			●				
					Severe	I			I			I	I	I			I	Every 12 months			●					
Active height control suspension fluid - Suspension fluid AHC or equivalent																	R	—								
Active height control gas chamber																	I	I	I			I	I: initial 48 months; then every 12 months			
Bolts and nuts on chassis and body					Severe only	T			T			T	T	T			T	Every 12 months			●					
Tires and inflation pressure					Normal				I			I						I	Every 24 months			●				
					Severe	I			I			I	I	I			I	Every 12 months			●					
Air conditioning filter (not a dealer operation) *3					Normal		I			R			I	R	I			R	I: Every 12 months R: Every 24 months							
							Dusty road			I	I	I	R	I	I	R	I	I	I	R	I: Every 6 months R: Every 12 months					
					Normal					I			I						I	Every 24 months						
							Dusty road			I			I			I	I			I	Every 12 months					
					Normal					R			R			R			R			R	Every 24 months			
							Dusty road			R			R			R	R	R			R	Every 12 months				
					Normal & Dusty road					R			R			R			R			R	Every 24 months			
Particle filter					Particle filter (foldable type)		Normal	I			R			I	R	I			R				●			
							Dusty road	I			I	I	R	I	I	R	I	I	I	R				●		
					Pollen removal type		I			R			I	R	I			R								
							I			R	I	R	I	R	I	R	I	R								
					Particle filter (standard & high efficiency type)		Normal				R			R			R			R						
							Dusty road	R			R			R	R	R			R							
Combination filter					Combination filter (high efficiency type)		Normal	R			R			R	R	R			R							
							Dusty road	R			R	R	R	R	R	R	R	R								
Replace when the service indicator light illuminates																										
Corrosion Inspection								I			I			I			I			Every 24 months			●			

*2: Including MR2 rear differential oil
*3: Customers should inspect by themselves

4: U240E A/T models only (1AZ-FSE)
5: A24# A/T models only (1ZZ-FE)