

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

MAINTENANCE OPERATIONS

I: Inspect and correct or replace as necessary.
 R: Replace or change or lubricate.
 S: Special C: Clean

DIESEL ENGINE

SERVICE INTERVALS:		ODOMETER READING								Months () : for reference	Avensis												
Odometer reading or months, whichever comes first	× 1,000 km	1	7.5	15	22.5	30	37.5	45	52.5		60	67.5	75	82.5	90	1CD-FTV (2.0 D-4D)	1AD-FTV (2.0 D-4D) DPF/CCo	2AD-FTV (2.2 D-4D)	2AD-FHV (2.2 D-CAT)				
MAINTENANCE ITEMS	× 1,000 miles	1	4.5	9	13.5	18	22.5	27	31.5	36	40.5	45	49.5	54	CDT250	ADT250	ADT251	ADT251					
															03/01	03/09	06/04(MC) 07/06	05/03	06/04(MC) 07/06	05/03	06/04(MC) 07/06		
Timing Belt	*6	I			I			I							—	●	●						
		Replace every 105,000 km (60,000 miles)																					
		Replace every 150,000 km (90,000 miles)																					
Timing pulley*6		I			I			I															
Timing belt cover*6		C			C			C															
Valve Clearance	*1 : Sensory Inspection							*1						*1	(Every 48 months)	●	●						
	A: Adjust	A		A		A		A		A		A		A	Every 12 months								
Drive belt	Normal belt	I		I		I		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	5W-30, 10W-30, 15W-40, 20W-50	Normal	R		R		R		R		R		R		Every 12 months	●	●	●*	●	●	●	●	
		Severe	R	R	R	R	R	R	R	R	R	R	R	R	R	Every 6 months	●	●	●*	●	●	●	●
		OMMS	Replace when the reminder light illuminates or after max. 30,000km/24months																●*	●	●	●	
Engine oil ACEA: C2 (preferred), B1	C2: 5W-30 B1: 5W-30, 10W-30, 15W-40, 20W-50	Normal	R		R		R		R		R		R		Every 12 months			●**	●	●	●	●	
		Severe	R	R	R	R	R	R	R	R	R	R	R	R	R	Every 6 months			●**	●	●	●	●
		OMMS	Replace when the reminder light illuminates or after max. 30,000km/24months																●**				
Engine oil ACEA: C2	0W-30, 5W-30	Normal	R		R		R		R		R		R		Every 12 months								
		Severe	R	R	R	R	R	R	R	R	R	R	R	R	R	Every 6 months							
		OMMS	Replace when the reminder light illuminates or after max. 30,000km/24months																				
Engine oil filter		Normal	R		R		R		R		R		R		Every 12 months	●	●	●	●	●	●	●	
		Severe	R	R	R	R	R	R	R	R	R	R	R	R	R	Every 6 months	●	●	●	●	●	●	●
		OMMS	Replace when the reminder light illuminates or after max. 30,000km/24months																●	●	●	●	
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					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		I		I		Every 12 months	●	●	●	●	●	●	●		
				I				I					I	Every 24 months			●		●		●		
Battery		No maintenance													—								
Fuel injection pipes		Replace every 150,000 km (90,000 miles)													—								
Fuel filter	In-tank filter and in-line filter							R					R	Every 72 months	●	●	●	●	●	●	●		
														R	Every 90 months							●	
Fuel pump		Replace every 300,000 km (180,000 miles)																					
Diesel smoke								I					I	Every 48 months	●	●	●	●	●	●	●		
								I					I	Every 48 months			●		●		●		
Air cleaner filter (from October 2002, applicable to all models in production)	Normal	I		I		I		R		I		I		I: Every 24 months R: Every 48 months	●	●	●	●	●	●	●		
	Dusty road	I	I	I	I	I	I	R	I	I	I	I	I	I: Every 12 months R: Every 48 months	●	●	●	●	●	●	●		
Air cleaner filter	Normal	I		I		R		I		I		R	I: Every 12 months R: Every 48 months										
	Dusty road	Inspect every 2,500 km (1,500 miles) and replace every 45,000 km (27,000 miles) or 48 months.													—								
Air flow meter (for EURO IV vehicles)*5								S						Every 48 months									
Fuel tank cap, fuel lines, connections				I				I					I	Every 24 months	●	●	●	●	●	●	●		

*1: You may also use API CE or CD. NMSC's ch NMSC's ch NMSC's ch NMSC's ch NMSC's ch

*2: Check that 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.

●: Until August 2003

*: engines WITHOUT DPF
 **: engines WITH DPF

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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:	x 1,000 km	ODOMETER READING										Months	Avenis				
		1	7.5	15	22.5	30	37.5	45	52.5	60	67.5		75	82.5	90	AZT250 ZZT25# CDT250	AZT25# ZZT25# CDT250 ADT251
MAINTENANCE ITEMS	x 1,000 miles	1	4.5	9	13.5	18	22.5	27	31.5	36	40.5	45	49.5	54	03/01	05/03	06/04(MC) 07/06
Clutch pedal, return spring and damper - Mechanical type																	
Brake pedal and parking brake																	
Brake linings and drums (Include brake linings of parking brake)																	
Brake pads and discs																	
Clutch fluid	- M/T - MMT (Diesel)	SAE J1703 or FMVSS No. 116 DOT3		I										Every 24 months	●	●	●
		SAE J1703, J1704 or FMVSS No. 116 DOT3, DOT4		I										Every 24 months	●	●	●
		SAE J1704 or FMVSS No. 116 DOT4		I										Every 24 months	●	●	●
		SAE J1703, J1704 or FMVSS No. 116 DOT3, DOT4		I										Every 24 months	●	●	●
		SAE J1704 or FMVSS No. 116 DOT4		I										Every 24 months	●	●	●
		SAE J1703, J1704 or FMVSS No. 116 DOT3, DOT4		I										Every 24 months	●	●	●
Clutch fluid for auto clutch system																	
Sequential M/T system fluid																	
Brake fluid																	
Brake pipes and hoses																	
Vacuum pump for brake booster (Diesel and Valvematic engines)																	
Power steering fluid																	
Steering wheel, linkage and steering gear box																	
SRS airbag *1																	
Propeller shaft																	
Propeller shaft bolts																	
Drive shaft boots																	
Drive shaft bolts																	
Suspension ball joints and dust covers																	
Shift lever of 6-speed manual transmission																	
Automatic transmission fluid																	
Manual transmission oil and transfer oil if so equipped (Including auto clutch system)																	
Transfer oil																	

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

11- w/ blades replacement
 14- vehicles with AZ and CD engines
 11*- CDT250 - w/ blades replacement
 11**- ADT251 only - Assy replacement
 14- AZT25#, CDT250 and ADT251 only
 18- except ADT251 19- ADT251 only
 *- ADT251 only
 *- ADT25#
 14- AZT25# and ADT251 only
 18- except ADT251
 19- ADT251 only

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. C: Clean

CHASSIS AND BODY 2/2

SERVICE INTERVALS:		ODOMETER READING												Months	Avensis					
															AZT250 ZZT25# CDT25#	AZT25# ZZT25# CDT250 ADT251	ZZT25# AZT25# ADT25#			
MAINTENANCE ITEMS		× 1,000 km	1	7.5	15	22.5	30	37.5	45	52.5	60	67.5	75	82.5	90	03/01	05/03	06/04(MC) 07/06		
		× 1,000 miles	1	4.5	9	13.5	18	22.5	27	31.5	36	40.5	45	49.5	54					
Front Differential oil	M/T model	API Gear oil GL-4 or GL-5	Normal									I				Every 48 months	●	18	18	
		Severe															●	18	18	
		LV Gear oil API GL-4	Normal										I				Every 48 months		19	19
		Severe															Every 48 months		19	19
	A/T model	Differential integrated with transmission	Toyota Genuine ATF type T-IV	Normal									I				Every 36 months	●	●	
			Normal														Every 48 months			●
			Severe													R	I: Every 36 months R: Every 72 months	●	●	●
			Severe														Every 48 months			
		Toyota Genuine ATF WS	Normal											I			Every 36 months			
			Normal														Every 48 months			
			Severe														I: Every 36 months R: Every 72 months			
			Severe														Every 48 months			
Toyota Genuine CVTF TC	Normal														Every 48 months					
	Severe														I: Every 36 months R: Every 72 months					
Differential separated from transmission (API Gear oil GL-5)																Every 48 months				
Rear differential oil	API Gear oil GL-5															Every 48 months				
	A/T fluid WS	Normal														Every 36 months				
	Severe															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													Every 24 months				
	Severe			R		R		R		R		R		R	Every 12 months					
	Front and rear suspension	Normal														Every 24 months	●	●	●	
Severe																Every 12 months	●	●	●	
Active height control suspension fluid - Suspension fluid AHC or equivalent																—				
Active height control gas chamber																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															Every 24 months	●	●	●	
	Severe															Every 12 months	●	●	●	
Air conditioning filter	Normal															Every 24 months				
	Dusty road															Every 12 months				
	Normal															Every 24 months				
	Dusty road															Every 12 months				
	Normal & Dusty road															Every 24 months				
Particle filter	Foldable type	Normal														Every 24 months				
		Dusty road														Every 12 months				
	Pollen removal type	Normal														Every 24 months				
		Dusty road														Every 12 months				
	Standard type & high efficiency type	Normal														Every 24 months				
Combination filter (high efficiency type)	Normal														Every 24 months					
	Dusty road														Every 12 months					
Replace when the service indicator light illuminates																				
Corrosion Inspection																Every 24 months	●	●	●	

** : with Solar power ventilation system

18: except ADT251
19: ADT251 only

18: except ADT251
19: ADT251 only