



**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 or months, whichever comes first

MAINTENANCE ITEMS	x 1,000 km	ODOMETER READING										Months	Starting Year/Month of Production	Model Code	Engine Code	Avensis		Avensis		Avensis			
		1	7.5	15	22.5	30	37.5	45	52.5	60	67.5					75	82.5	90	ADT270	ADT271	ADT271	ADT271	ADT271
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	( ) : for reference								
																2008/11	2011/11 Minor Change	2008/11	2011/11 Minor Change	2008/11	2011/11 Minor Change		
Timing Belt	*6	Replace every 105,000 km (60,000 miles) Replace every 150,000 km (90,000 miles)										— —											
Valve Clearance	*1: Sensory Inspection														*1 (Every 48 months)								
Drive belt	A: Adjust		A		A		A		A		A		A	Every 12 months									
	Normal belt		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	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	Normal*		R		R		R		R		R		R	Every 12 months	●*	●*						
	B1: 5W-30, 10W-30, 15W-40, 20W-50	Severe*		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	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	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	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											R			Every 72 months	●	●	●	●	●	●	●	●	
	In-tank filter and in-line filter											R		Every 90 months									
Fuel pump		Replace every 300,000 km (180,000 miles)																					
Diesel smoke					I				I				I	Every 48 months									
											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		R		I	I: Every 12 months R: Every 48 months	●	●	●	●	●	●	●	●	
														R	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.

\*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

**\*Engine oil: it is imperative to RESET the OMMS after EVERY oil change**

\*: engines WITH CCO  
 \*\*: engines WITH DPF

\*: engines WITH CCO  
 \*\*: engines WITH DPF

Choice Choice Choice Choice Choice Choice

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

CHASSIS AND BODY 1/2		MAINTENANCE OPERATIONS										Avenis							
		I: Inspect and correct or replace as necessary.					T: Tighten to specified torque.												
SERVICE INTERVALS:		ODOMETER READING										2008/11		2011/11					
Odometer reading or months, whichever comes first		Months										Minor Change		Major Change					
MAINTENANCE ITEMS		x 1,000 km	1	7.5	15	22.5	30	37.5	45	52.5	60	67.5	75	82.5	90	2008/11	2011/11		
		x 1,000 miles	1	4.5	9	13.5	18	22.5	27	31.5	36	40.5	45	49.5	54				
Clutch pedal, return spring and damper - Mechanical type			I	I	I	I	I	I	I	I	I	I	I	I	I				
Brake pedal and parking brake			I	I	I	I	I	I	I	I	I	I	I	I	I	●	●		
Brake linings and drums (include brake linings of parking brake)		Normal														●	●		
		Severe	I	I	I	I	I	I	I	I	I	I	I	I	I				
Brake pads and discs		Normal														●	●		
		Severe	I	I	I	I	I	I	I	I	I	I	I	I	I	●	●		
Clutch fluid	- MT - MMT (some Diesels)	SAE J1703, J1704 or FMVSS No. 116 DOTS, DOT4														●*	●*		
	- MMT (Gasoline + some Diesels)	SAE J1703, J1704 or FMVSS No. 116 DOTS, DOT4														●**	●**		
Clutch fluid for auto clutch system																			
Sequential MT system fluid																			
Brake fluid [SAE J1703, J1704 or FMVSS No. 116 DOTS, DOT4																●	●		
Brake pipes and hoses																●	●		
Vacuum pump for brake booster (Diesel and Valvematic engines)		lexic (Luk-AT) or Pierburg	Diesel										Replace every 195,000 km (121,000 miles) or 120 months						
		Others	Valvematic										Inspect every 195,000 km (121,000 miles) or 120 months						
Power steering fluid		AT fluid DEKRON® II or III																	
		TOYOTA P.S. fluid EH or equivalent																	
Steering wheel, linkage and steering gear box		Normal														●	●		
		Severe	I	I	I	I	I	I	I	I	I	I	I	I	I	●	●		
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	L	L	L	L	L	L	L				
			Severe	L	L	L	L	L	L	L	L	L	L	L	L				
Propeller shaft bolts			Normal	T	T	T	T	T	T	T	T	T	T	T	T				
			Severe	T	T	T	T	T	T	T	T	T	T	T	T				
Drive shaft boots			Normal	I	I	I	I	I	I	I	I	I	I	I	I	●	●		
			Severe	I	I	I	I	I	I	I	I	I	I	I	I	●	●		
Drive shaft bolts or nuts (on flange-type only)			Normal	T	T	T	T	T	T	T	T	T	T	T	T				
			Severe	T	T	T	T	T	T	T	T	T	T	T	T				
Suspension ball joints and dust covers			Normal	I	I	I	I	I	I	I	I	I	I	I	I	●	●		
			Severe	I	I	I	I	I	I	I	I	I	I	I	I	●	●		
Shift lever of 6-speed manual transmission (on both petrol and Diesel models)			Normal													●	●		
Automatic transmission fluid		Toyota Genuine ATF type T-IV	Normal																
			Severe																
		Toyota Genuine ATF WS	Normal																
			Severe																
		Toyota Genuine CVT TC	Normal																
			Severe																
		Other	Normal																
			Severe																
		Manual transmission oil and transfer oil if so equipped (including auto clutch system)		API Gear oil GL-5	Normal														
					Severe														
API Gear oil GL-4 or GL-5	Normal																		
	Severe																		
Toyota Genuine Transfer Gear oil LF	Normal																		
	Severe																		
LV Gear oil API GL-4	Normal																		
	Severe																		
Other (GL-4 or GL-5)	Normal																		
	Severe																		
Transfer oil		API Gear oil GL-4 or GL-5	Normal																
			Severe																
		API Gear oil GL-5	Normal																
			Severe																
		Toyota Genuine Transfer Gear oil LF	Normal																
			Severe																
		Toyota Genuine Differential Oil LX55 (API GL-5)	Normal																
			Severe																
		Toyota Genuine ATF WS	Normal																
			Severe																

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

Shaping Year/Month of Production  
 Model Code  
 E-Exempt \*\*  
 ... ZRT27a with EBRB and ECRB-MT  
 ... models with K111 and K311 C-VT  
 ... models with K111 and K311 C-VT  
 ... Parking brake inspection not applicable  
 L-Exempt \*\*\*  
 ... models with EBRB and ECRB-MT  
 ... models with LARTE and MARRB-A/T  
 ... models with K111 and K311 C-VT  
 ... models with K111 and K311 C-VT  
 ... Parking brake inspection not applicable

**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	Starting Year/Month of Production	Model Code				
			x 1,000 km		1 7.5 15		22.5 30 37.5		45 52.5 60		67.5 75 82.5		90					2008/11	2011/11		
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			Minor Change					
Front Differential oil	Differential integrated with transmission	M/T model	API Gear oil GL-4 or GL-5	Normal						I					Every 48 months						
			Severe							R					Every 48 months						
		A/T model	LV Gear oil API GL-4	Normal								I				Every 48 months	●	●			
				Severe								R				Every 48 months	●	●			
			Toyota Genuine ATF type T-IV	Normal								I				I	Every 36 months				
				Severe									I				R	I: Every 36 months R: Every 72 months			
				Toyota Genuine ATF WS	Normal								I				I	Every 36 months			
					Severe									I				R	I: Every 36 months R: Every 72 months	● ***	● ***
					Toyota Genuine CVTF TC	Normal								I					Every 48 months	● ****	● ****
						Severe									I				R	I: Every 36 months R: Every 72 months	● ****
Differential separated from transmission (API Gear oil GL-5)														R	Every 48 months						
Rear differential oil	API Gear oil GL-5													R	Every 48 months						
	A/T fluid WS		Normal							I				I	Every 36 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	R	R	R	R	Every 12 months						
Front and rear suspension				Normal			I		I				I	I	Every 24 months	●	●				
				Severe	I	I	I	I	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	I: initial 48 months; then every 12 months						
Bolts and nuts on chassis and body			Severe only	T	T	T	T	T	T	T	T	T	T	T	Every 12 months	●	●				
Tires and inflation pressure			Normal				I		I				I	I	Every 24 months	●	●				
			Severe	I	I	I	I	I	I	I	I	I	I	I	Every 12 months	●	●				
Particle/pollen filter	Foldable type	Normal					I	R	I	R	I	R	I	R							
		Dusty road		I	I	I	R	I	I	R	I	I	I	R							
	Pollen removal type	Normal					I	R	I	R	I	R	I	R							
		Dusty road		I	R	I	R	I	R	I	R	I	R	I	R						
			1*				R	R	R	R	R	R	R								
Combination filter (high efficiency type)	Standard type & high efficiency type	Normal						R	R	R	R	R	R	R		●	●				
		Dusty road					R	R	R	R	R	R	R	R		●	●				
Combination filter (high efficiency type)	Combination filter (high efficiency type)	Normal						R	R	R	R	R	R	R							
		Dusty road		R	R	R	R	R	R	R	R	R	R	R	R						
Corrosion Inspection													I	Every 24 months	●	●					

1\*: with Solar power ventilation system

\*\*\*: models with U241E and U660E A/T  
\*\*\*\*: models with K111 and K311 CVT

\*\*\*: models with U241E and U660E A/T  
\*\*\*\*: models with K111 and K311 CVT