

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

MAINTENANCE OPERATIONS										Starting Year/Month of Production	Model Code	Engine Code				
I: Inspect and correct or replace as necessary. R: Replace or change or lubricate. F: Fill																
GASOLINE ENGINE		ODOMETER READING											Months			
SERVICE INTERVALS:																
Odometer reading or months, whichever comes first																
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	() : for reference
		x 1,000 miles	1	4.5	9	13.5	18	22.5	27	31.5	36	40.5	45	49.5	54	
Timing Belt		Replace every 150,000 km (90,000 miles)														
Valve Clearance	Sensory Inspection *1															
	Actual inspection	I: Every 12 months														
Drive belt	V-ribbed belt	Inspect 105,000 km (63,000 miles), after 105,000 km Inspect every 15,000 km (9,000 miles)														
		Initial: 72 and then every 12 months														
Engine oil (API: SH, SJ) (ILSAC)	Normal	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Every 12 months
	Severe	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Every 6 months
Engine oil (API: SJ, SL) (ILSAC)	Normal	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Every 12 months
	Severe	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Every 6 months
Engine oil (API: SL, SM) (ILSAC)	5W-30 (preferred) 10W-30, 15W-40, 20W-50	Normal	R	R	R	R	R	R	R	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
	0W-20 (preferred) 5W-30, 10W-30, 15W-40, 20W-50	Normal	R	R	R	R	R	R	R	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
Engine oil filter	Normal	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Every 12 months
	Severe	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Every 6 months
Cooling and heater system *2		I: Every 24 months														
Engine coolant	LLC (red/green) *3	R: Initial: 36 months														
	S-LLC (pink) *4	I: Initial: 36 months														
		First replace at 150,000 km (90,000 miles); after, every 90,000 km (54,000 miles)														
Inverter coolant	S-LLC (pink) *4	I: Initial: 36 months														
		First replace at 150,000 km (90,000 miles); after, every 90,000 km (54,000 miles)														
		First replace at 240,000 km (150,000 miles); after, every 90,000 km (54,000 miles)														
Exhaust pipes and mountings		I: Every 24 months														
Spark plugs	Platinum or Iridium Tipped type	Replace every 90,000 km (54,000 miles)														
	Others	I: Every 24 months R: Every 48 months														
Battery		No maintenance														
Fuel filter (Agyo only)		Replace every 180,000 km (108,000 miles)														
LPG gas filter		R	R	R	R	R	R	R	R	R	R	R	R	R	R	Every 12 months
Fuel injection system *6		F	F	F	F	F	F	F	F	F	F	F	F	F	F	—
		Fill every 105,000 km														
Air cleaner filter (from October 2002, applicable to all models in production)	Normal	I	I	I	R	I	I	I	I	I	I	I	I	I	I	I: Every 24 months R: Every 48 months
	Dusty road	I	I	I	I	I	R	I	I	I	I	I	I	I	I	I: Every 12 months R: Every 48 months
Air cleaner filter	Normal	I	I	R	I	I	R	I	I	I	I	I	I	I	I	I: Every 24 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.														
Fuel tank cap, fuel lines, connections and fuel vapor control valve		I: Every 24 months														
LPG system piping and connectors, tank, filler valve, wiring *7		I: Every 24 months														
LPG system operation settings		I: Every 12 months														
LPG tank		Replace every 10 years														
Charcoal canister	*5	I: —														
	Others	I: Every 24 months														
	Normal	I: —														
	Severe	I: Every 24 months														
Charcoal canister filter	Normal	R: —														
	Severe	R: Every 24 months														

*1: Check for tappet noise and engine vibration and adjust if necessary.

*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: For Sweden, Norway and Finland only.

*6: Use Toyota Genuine Fuel Injector Cleaner (08813-00820) or equivalent.

*7: Check for leaks and tightness of piping, connectors, multivalve, wiring, tank and tank filler valve.

* For Croatia, Bosnia Herzegovina, Macedonia, Estonia, Latvia, Romania and Ukraine

** For Croatia, Bosnia Herzegovina, Macedonia, Estonia, Latvia, Romania and Ukraine

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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 () : for reference				
		1	7.5	15	22.5	30	37.5	45	52.5		60	67.5	75	82.5
	x 1,000 miles	1	4.5	9	13.5	18	22.5	27	31.5	36	40.5	45	49.5	54

		ODOMETER READING								Months () : for reference					
		1	7.5	15	22.5	30	37.5	45	52.5		60	67.5	75	82.5	90
Timing Belt		Replace every 105,000 km (60,000 miles) Replace every 150,000 km (90,000 miles)								—					
Timing pulley*6		I I I I I I I I I I								—					
Timing belt cover*6		C C C C C C C C C C								—					
Valve Clearance	*1 : Sensory Inspection A: Adjust	A A A A A A A A A A								(Every 48 months) Every 12 months					
Drive belt	Normal belt	I I I 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	R	R	R	R	R	R	Every 12 months
		Severe*	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	R	R	R	R	R	R	Every 12 months
		Severe*	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	R	R	R	R	R	R	Every 12 months
		Severe*	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	R	R	R	R	R	R	Every 12 months
		Severe	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 I I I I I I I								Every 24 months					
Engine coolant	LLC (red/green) *3 S-LLC (pink) *4	I I I I I I I I I I								Initial: 36 months					
		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 I I I I								Every 12 months					
		I I I I I I I 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								Every 48 months					
		I								Every 48 months					
		I: Every 24 months R: Every 48 months													
Air cleaner filter (from October 2002, applicable to all models in production)	Normal	I I I I I I I I I I								I: Every 24 months R: Every 48 months					
	Dusty road	I I I I I I I I I I								I: Every 24 months R: Every 48 months					
Air cleaner filter	Normal	I I I I I I I I I I								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 I I I I I I I								Every 24 months					

Starting Year/Month of Production	Model Code	Engine Code	Auris										
			1ND-TV (1.4 D-4D)			1AD-FTV (2.0 D-4D)			2AD-FHV (2.2 D-CAT)				
			NDE150			ADE150			ADE157				
			06/10 Production start Japan 07/02 Production start UK/Turkey	08/12	09/10 Minor change Japan 10/01 Minor Change UK/Turkey	06/10 Production start Japan 07/02 Production start UK/Turkey	08/12	09/10 Minor change Japan 10/01 Minor Change UK/Turkey	07/02 Production start UK/Turkey	08/12	09/10 Minor change Japan 10/01 Minor Change UK/Turkey		
			●	●	●	●	●	●	●	●	●	●	●

*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 timing belt and abnormal wear on the timing pulley. Remove dust and sand from the timing belt cover.
***Engine oil: It is imperative to RESET the OMMS after EVERY oil change**

Choice	Choice	Choice	Choice	Choice	Choice	Choice	Choice	Choice	Choice	Choice
* WITH COO ** WITH DPF *** High strength belt		* WITH COO ** WITH DPF *** High strength belt		* engines WITHOUT DPF ** engines WITH DPF						

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

CHASSIS AND BODY 1/2		MAINTENANCE OPERATIONS										Starting Year/Month of Production	Model Code						
		I: Inspect and correct or replace as necessary. T: Tighten to specified torque. R: Replace or change or lubricate. L: Lubricate																	
SERVICE INTERVALS: Odometer reading or months, whichever comes first		ODOMETER READING										Months	Hours						
		1	7.5	15	22.5	30	37.5	45	52.5	60	67.5			75	82.5	90	22E150 ZRE151 NRE150 ADE150.7	06/10 Production from Japan 07/02 Production from UK/Turkey	08/12 NRE150 ZRE151.2 NRE150 ADE150.7
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				
Clutch pedal, return spring and damper - Mechanical type		x 1,000 miles	I	I	I	I	I	I	I	I	I	I	I	I	I				
Brake pedal and parking brake																			
Brake linings and drums (include brake linings of parking brake)		Normal																	
		Severe	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					
Clutch fluid		- MMT (some Diesels) SAE J1703, J1704 or FMVSS No. 116 DOT3, DOT4																	
						R													
		- MMT (Gasoline + some Diesels) SAE J1703, J1704 or FMVSS No. 116 DOT3, DOT4																	
Clutch fluid for auto clutch system						R													
Sequential MT system fluid																			
Brake fluid [SAE J1703, J1704 or FMVSS No. 116 DOT3, DOT4																			
Brake pipes and hoses		Wetlic (LuK-AT) or Pierburg Others																	
Vacuum pump for brake booster (Diesel and Valvematic engines)		Diematic Valvematic																	
Power steering fluid		AT fluid DEXRON® 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						
SRS airbag *1																			
Propeller shaft		NLGI No. 1 or No. 2																	
		Normal																	
		Severe	L	L	L	L	L	L	L	L	L	L	L	L					
Propeller shaft bolts																			
		Normal				T													
		Severe	T	T	T	T	T	T	T	T	T	T	T	T					
Drive shaft boots		Normal																	
		Severe	I	I	I	I	I	I	I	I	I	I	I						
Drive shaft bolts or nuts (on flange-type only)		Normal																	
		Severe	T	T	T	T	T	T	T	T	T	T	T						
Suspension ball joints and dust covers		Normal																	
		Severe	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																	
		Severe	I	R															
Automatic transmission fluid		Vehicles produced before July, '99																	
		Normal																	
		Severe	I	R															
		Toyota Genuine ATF type T-IV																	
		Normal																	
		Severe	I	R															
		Toyota Genuine ATF WS																	
		Normal																	
		Severe	I	R															
		Toyota Genuine CVT F TC																	
		Normal																	
		Severe	I	R															
		Other																	
		Normal																	
		Severe	I	R															
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 LXBS (API GL-5)																	
		Normal																	
		Severe																	
		Toyota Genuine ATF WS																	
		Normal																	
		Severe																	

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

... NRE150 only
... ZRE151 only
... ADE150.7

* NRE and ZRE only
... NRE and ZRE only (ECOP M/T)
... ZRE151 w/ ECOP/AMMT

* NRE and ADE only
... NRE and ZRE only (ECOP M/T)
... NRE150 w/ ECOP/AMMT

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										Starting Year/Month of Production	Model Code									
Odometer reading or months, whichever comes first		Months																				
		x 1,000 km	1	7.5	15	22.5	30	37.5	45	52.5	60	67.5	75	82.5	90	Auris UK Turkey	Auris	Auris Hybrid				
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	ZZE150 ZRE151 NDE150 ADE150.7	NRE150 ZRE151.2 NDE150 ADE150.7	ZRE151.2 NDE150 ADE150.7	ZWE150			
																06/10 Production start Japan 07/02 Production start UK/Turkey	08/12	09/10 Minor change Japan 10/01 Minor Change UK/Turkey	10/06			
Front Differential oil	M/T model	API Gear oil GL-4 or GL-5	Normal								I											
			Severe								R											
		LV Gear oil API GL-4	Normal									I										
			Severe									R										
	A/T model	Toyota Genuine ATF type T-IV	Normal									I										
			Normal									I										
			Severe									I										
			Severe									R										
		Toyota Genuine ATF WS	Normal										I									
			Normal										I									
	Severe										R											
	Severe										R											
	Toyota Genuine CVTF TC	Normal									I											
		Severe									R											
	Differential separated from transmission (API Gear oil GL-5)											R										
	API Gear oil GL-5											R										
Rear differential oil	A/T fluid WS	Normal									I											
		Severe									R											
Wheel bearing grease (tapered roller type wheel bearing only) and ball joint grease	NLGI No. 2	Normal									R											
		Severe									R											
Front and rear suspension		Normal										I										
		Severe										I										
Active height control suspension fluid - Suspension fluid AHC or equivalent																						
Active height control gas chamber																						
Bolts and nuts on chassis and body	Severe only																					
Tires and inflation pressure		Normal																				
		Severe																				
Air conditioning filter		Normal																				
		Dusty road																				
		Normal																				
		Dusty road																				
		Normal & Dusty road																				
Particle filter	Foldable type	Normal																				
		Dusty road																				
	Pollen removal type	Normal																				
		Dusty road																				
	Standard type & high efficiency type	Normal																				
		Dusty road																				
Combination filter (high efficiency type)	Combination filter	Normal																				
		Dusty road																				
Corrosion Inspection																						

1*: with Solar power ventilation system