

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

02/07/2013

MAINTENANCE OPERATIONS													Starting Year	Month of Production	Model Code	Engine Code										
GASOLINE ENGINE																	Auris		Auris HSD	Auris TS		Auris TS HSD				
SERVICE INTERVALS: Odometer reading or months, whichever comes first																	1NR-FE	1ZR-FAE	2ZR-FXE	1NR-FE	1ZR-FAE	2ZR-FXE				
ODOMETER READING													Months ( ): for reference				NRE180	ZRE185	ZWE186	NRE180	ZRE185	ZWE186				
MAINTENANCE ITEMS																	2012/10	2012/10	2012/11	06/2013	2013/06	2013/06				
Timing Belt			Replace every 150,000 km (90,000 miles)										—													
Valve Clearance		Sensory Inspection *1											(Every 72 months)													
		Actual inspection	I I I I I I 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			●	●		●	●					
				I I I I I I I										Every 12 months												
Engine oil (API: SH, SJ) (ILSAC)		Normal	R	R	R	R	R	R	R	R	R	R	Every 12 months													
		Severe	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	Every 12 months													
		Severe	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	Every 12 months													
		0W-20 (preferred) 5W-30, 10W-30, 15W-40, 20W-50	Severe	R	R	R	R	R	R	R	R	R	Every 6 months													
			Normal	R	R	R	R	R	R	R	R	R	Every 12 months	●	●	●	●	●	●							
			Severe	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	Every 12 months	●	●	●	●	●	●	●							
		Severe	R	R	R	R	R	R	R	R	R	R	Every 6 months	●	●	●	●	●	●							
Cooling and heater system *2		S-LLC (pink) *4		I		I			I			Every 24 months	●	●	●	●	●	●	●							
Engine coolant				I		I			I				●	●	●	●	●	●								
			S-LLC (blue) *4		I		I			I																
Inverter coolant		S-LLC (pink) *4		I		I			I			First replace at 150,000 km (90,000 miles); after, every 90.000 km (54.000 miles)														
				I		I			I			First replace at 210,000 km (126,000 miles); after, every 120.000 km (72.000 miles)	First, 11 years; then, 6 years													
Exhaust pipes and mountings				I		I			I			Every 24 months	●	●	●	●	●	●	●							
				I		I			I			●	●	●	●	●	●									
Spark plugs		Platinum or Iridium Tipped type	Replace every 90,000 km (54,000 miles)										—		●	●	●	●	●	●						
		Others		I		R			I			I: Every 24 months R: Every 48 months														
Battery			No maintenance										—													
Fuel filter		Aygo	Replace every 180.000 km (108.000 miles)										15 years													
		GT 86	Replace every 120.000 km (72.000 miles)										8 years													
LPG gas filter			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	—														
			Fill every 105.000 km										—			● *		● *								
Air cleaner filter		Normal	I	I	I	R	I	I	I	I	I	I: Every 24 months R: Every 48 months	●	●	●	●	●	●								
			I	I	R	I	I	I	R	I: Every 12 months R: Every 36 months																
		Dusty road	I	I	I	I	I	R	I	I	I	I	I: Every 12 months R: Every 48 months	●	●	●	●	●								
			I	I	I	I	R	I	I	I	R	I: Every 6 months R: Every 36 months														
Fuel tank cap, fuel lines, connections and fuel vapor control valve				I		I			I		I	Every 24 months	●	●	●	●	●	●								
LPG system piping and connectors, tank, filler valve, wiring *7				I		I			I		I	Every 24 months														
LPG system operation settings			I	I	I	I	I	I	I	I	I	Every 12 months														
LPG tank			Replace every 10 years																							
Charcoal canister		*5							I		—	●	●	●	●	●	●									
		Others			I				I		Every 24 months	●	●	●	●	●	●									
		Aygo only	Normal			I				I		—														
Severe				I				I		Every 24 months																
Charcoal canister filter		Aygo only	Normal						R		—															
			Severe			R			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) For GT 86, it is allowed to use Pink Toyota S-LLC for complete REPLACEMENT; in case of TOP-UP, Blue S-LLC is available in 1-litre bottles (P/N 08889-80190)

\*5: For Sweden, Norway and Finland only.

\*6: Use Toyota Genuine Fuel Injector Cleaner (08813-00820 or PZ463-00PB0-04) 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

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

02/07/2013

**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			ODOMETER READING												Months ( ): for reference	Starting Year/Month of Production	Model Code	Engine Code						
			× 1,000 km	1	7.5	15	22.5	30	37.5	45	52.5	60	67.5	75				82.5	90	1ND-TV	1AD-FTV	1ND-TV	1AD-FTV	
MAINTENANCE ITEMS			× 1,000 miles	1	4.5	9	13.5	18	22.5	27	31.5	36	40.5	45				49.5	54	NDE180	ADE186	NDE180	ADE186	
																				2012/10	2012/10	2013/06	2013/06	
			*6	I																				
Timing Belt				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						*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	5W-30, 10W-30, 15W-40, 20W-50	Normal*		R			R			R			R			Every 12 months								
		Severe*		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			Every 12 months								
		Severe*		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			Every 12 months		●		●		●		
		Severe*		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			Every 12 months		●		●		●		
		Severe		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			Every 24 months		●		●		●		
Engine coolant	S-LLC (pink) *4			I			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			Every 12 months								
				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			I			I			I			Every 48 months								
				I			I			I			I			Every 48 months		●		●		●		
Air cleaner filter (from October 2002, applicable to all models in production)	Normal		I			I			I			R			I	I: Every 24 months R: Every 48 months		●		●		●		
	Dusty road		I I			I I I			I I R			I I I			I	I: Every 12 months R: Every 48 months		●		●		●		
Air flow meter (for EURO IV vehicles)*5									S						Every 48 months									
Fuel tank cap, fuel lines, connections				I			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 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**

\*: High strength belt  
 note: OMMS at 15,000 km

\*: High strength belt  
 note: OMMS at 15,000 km



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

02/07/2013

CHASSIS AND BODY 2/2

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

SERVICE INTERVALS:				ODOMETER READING												Starting Year									
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	Months							
MAINTENANCE ITEMS				× 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	Differential integrated with transmission	M/T model	LV Gear oil API GL-4	Normal							I							Every 48 months		●		●			
				Severe						R									Every 48 months		●		●		
		A/T model	Toyota Genuine ATF WS	Normal						I								I	Every 36 months						
				Normal								I							Every 48 months			●		●	
				Severe							I							R	I: Every 36 months R: Every 72 months			●		●	
				Severe																					
			Toyota Genuine CVTF TC	Normal								I								Every 48 months					
				Severe								I						R	I: Every 36 months R: Every 72 months						
				Toyota Genuine CVTF FE	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					R			R	Every 48 months						
					API Gear oil GL-5					R					R			R	Every 48 months						
Rear differential oil			A/T fluid WS	Normal							I						I	Every 36 months							
				Severe													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		R	Every 12 months								
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 *2				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		●	●	●	●		
Particle filter	Pollen removal type	Normal					R				R					R	"Clean" replaced by "Inspect"		● *	● *	● *	● *			
		Dusty road			R		R		R		R		R		R		R	Refer to TME letter of October 2007 on "Potential Health Risk From Cleaning of Cabin Air Filter Elements"		● *	● *	● *	● *		
		Normal			I		R		I		R		I		R		R								
		Dusty road			I		R		I		R		I		R		R								
		1*			R		R		R		R		R		R		R								
	Standard type & high efficiency type	Normal					R				R						R								
Dusty road				R		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								
				Replace when the service indicator light illuminates																					
Corrosion Inspection								I			I					I		Every 24 months		●	●	●	●		
1*: with Solar power ventilation system 2*: For seat mounting bolts, front and rear suspension member retaining bolts.																									