

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

MAINTENANCE OPERATIONS											Starting Year/Month of Production	Model Code	Engine Code				
GASOLINE ENGINE																	
SERVICE INTERVALS:																	
Odometer reading or months, whichever comes first		ODOMETER READING										Months					
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										(Every 72 months)					
		Actual inspection										Every 12 months					
Drive belt		V-ribbed belt										Initial: 72 and then every 12 months					
		Inspect 105,000 km (63,000 miles), after 105,000 km Inspect every 15,000 km (9,000 miles)										● ● ● ● ● ● ● ●					
Engine oil (API: SH, SJ) (ILSAC)		Normal										Every 12 months					
		Severe										Every 6 months					
Engine oil (API: SJ, SL) (ILSAC)		Normal										Every 12 months					
		Severe										Every 6 months					
Engine oil (API: SL, SM) (ILSAC)		5W-30 (preferred) 10W-30, 15W-40, 20W-50										Every 12 months					
		Severe										Every 6 months					
		0W-20 (preferred) 5W-30, 10W-30, 15W-40, 20W-50										Every 12 months					
		Severe										Every 6 months					
Engine oil filter		Normal										Every 12 months					
		Severe										Every 6 months					
Cooling and heater system *2		S-LLC (pink) *4										● ● ● ● ● ● ● ●					
		S-LLC (blue) *4										● ● ● ● ● ● ● ●					
Engine coolant		First replace at 150,000 km (90,000 miles); after, every 90,000 km (54,000 miles)										● ● ● ● ● ● ● ●					
		First replace at 210,000 km (126,000 miles); after, every 120,000 km (72,000 miles)										First, 11 years; then, 6 years					
Inverter coolant		S-LLC (pink) *4										● ● ● ● ● ● ● ●					
		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		Platinum or Iridium Tipped type										● ● ● ● ● ● ● ●					
		Others										● ● ● ● ● ● ● ●					
Spark plugs		Replace every 90,000 km (54,000 miles)										—					
		I: Every 24 months R: Every 48 months										● ● ● ● ● ● ● ●					
Battery		No maintenance										—					
Fuel filter		Aygo										15 years					
		GT 86										8 years					
LPG gas filter		R R R R R R R										Every 12 months					
Fuel injection system *6		F F F F F F F										—					
Air cleaner filter		Normal										I: Every 24 months R: Every 48 months					
		Dusty road										I: Every 12 months R: Every 36 months					
												I: Every 12 months R: Every 48 months					
												I: Every 6 months R: Every 36 months					
Fuel tank cap, fuel lines, connections and fuel vapor control valve		I										● ● ● ● ● ● ● ●					
LPG system piping and connectors, tank, filler valve, wiring *7		I										● ● ● ● ● ● ● ●					
LPG system operation settings		I										● ● ● ● ● ● ● ●					
LPG tank		Replace every 10 years										—					
Charcoal canister		*5										● ● ● ● ● ● ● ●					
		Others										● ● ● ● ● ● ● ●					
		Aygo only										I: Every 24 months					
		Normal										—					
		Severe										I: Every 24 months					
Charcoal canister filter		Aygo only										R: —					
		Normal										—					
		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) 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

! : It is imperative to use DENSO-manufactured spark plugs type FK20HR11 or equivalent to ensure full engine performance.

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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: Odometer reading or months, whichever comes first		ODOMETER READING												Starting Year/Month of Production Model Code	RX270	RX350	RX450h 2WD	RX450h 4WD			
		Months																			
x 1,000 km		1	7.5	15	22.5	30	37.5	45	52.5	60	67.5	75	82.5	90							
MAINTENANCE ITEMS		x 1,000 miles												2012/03(MC)	2008/12 2010/08 2011/08	2012/03(MC)	2009/10 2010/08 2011/08	2012/03(MC)	2009/03 2010/08 2011/08	2012/03(MC)	
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																					
Brake linings and drums (Include brake linings and drums of parking brake)		Normal			I	I	I	I	I	I	I	I	I	I							
		Severe	I	I	I	I	I	I	I	I	I	I	I	I							
Brake pads and discs		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							
Clutch fluid	M/T - MMT (some Diesels)	SAE J1703, J1704 or FMVSS No. 116 DOT3, DOT4			I	I	I	I	I	I	I	I	I	I							
	MMT (Gasoline + some Diesels)	SAE J1703, J1704 or FMVSS No. 116 DOT3, DOT4	First replace at 120,000 km (72,000 miles) or 96 months; then, every 90,000 km (54,000 miles) or 72 months																		
Brake fluid	SAE J1703, J1704 or FMVSS No. 116 DOT3, DOT4				R	R	R	R	R	R	R	R	R	R							
Brake pipes and hoses					I	I	I	I	I	I	I	I	I	I							
Vacuum pump for brake booster (Diesel and Valvematic engines)		ixetic (Luk-AT) or Pierburg Valvematic	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 TOYOTA P.S. fluid EH or equivalent			I	I	I	I	I	I	I	I	I	I							
Steering wheel, linkage and steering gear box		Normal			I	I	I	I	I	I	I	I	I	I							
		Severe	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							
	NLGI 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							
		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							
		Severe	I	I	I	I	I	I	I	I	I	I	I	I							
		Normal			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							
		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							
		Severe	I	I	I	I	I	I	I	I	I	I	I	I							
		Normal			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			I	I	I	I	I	I	I	I	I	I							
Automatic transmission fluid	Toyota Genuine ATF WS	Normal			I	I	I	I	I	I	I	I	I	I							
		Severe																			
	Normal																				
	Severe																				
	Toyota Genuine CVTF TC	Normal																			
		Severe																			
Manual transmission oil and transfer oil if so equipped (Including auto clutch system)		API Gear oil GL-5																			
		Toyota Genuine Transfer Gear oil LF																			
		LV Gear oil API GL-4																			
Transfer oil	API Gear oil GL-5				R	R	R	R	R	R	R	R	R	R							
	API Gear oil GL-5	Normal																			
		Severe																			
	Toyota Genuine Transfer Gear oil LF	Normal																			
		Severe																			
	Toyota Genuine Transfer gear oil LL80 (preferred), Toyota Genuine Differential Oil LX (API: GL-5)	Normal																			
		Severe																			
	Toyota Genuine ATF WS	Normal																			
	Severe																				

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

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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 or months, whichever comes first		ODOMETER READING												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	Months	RX270	RX350	RX450h 2WD				
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		AGL10	GGL15	GYL10					
																		2012/03(MC)	2008/12 2010/08 2011/08	2012/03(MC)	2009/10 2010/08 2011/08	2012/03(MC)		
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						
				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								
		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			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	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	Refer to TME letter of October 2007	●	●	●	●	●	●		
		Normal									I			I	I	on "Potential Health Risk From	●	●	●	●	●	●		
		Dusty road									I	R	I	R	I	Cleaning of Cabin Air Filter Elements	●	●	●	●	●	●		
		1*								R			R	R										
Combination filter	Combination filter (high efficiency type)	Normal									R			R	R									
		Dusty road									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.

***: stamped "C"

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*: integrated in front hybrid transaxle

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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					
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					
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		
				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			
	API Gear oil GL-5															R	Every 48 months			
Rear differential oil	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				
Front and rear suspension		Normal						I			I				I	Every 24 months	●	●		
		Severe			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: initial 48 months; then every 12 months				
Bolts and nuts on chassis and body *2					T		T		T		T		T		T	Every 12 months	●	●		
Tires and inflation pressure		Normal									I				I	Every 24 months	●	●		
		Severe			I		I		I		I		I		I	Every 12 months	●	●		
Particle filter	Pollen removal type	Normal									R			R		"Clean" replaced by "Inspect"		● ****		
		Dusty road			R		R		R		R		R		R	Refer to TME letter of October 2007		● ****		
		Normal			I		R		I		R		I		R	on "Potential Health Risk From	●			
		Dusty road			I	R	I	R	I	R	I	R	I	R	I	R	Cleaning of Cabin Air Filter Elements	●		
	Standard type & high efficiency type	Normal										R			R					
		Dusty road			R		R		R		R		R		R					
Combination filter (high efficiency type)		Normal									R			R						
		Dusty road			R		R		R		R		R		R					
Replace when the service indicator light illuminates																				
Corrosion Inspection											I			I		Every 24 months	●	●		

1*: with Solar power ventilation system
2*: For seat mounting bolts, front and rear suspension member retaining bolts.

*: integrated in front hybrid transaxle
**: integrated in rear transaxle

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