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NORMAL MAINTENANCE SCHEDULE - FOR EUROPE (EXCEPT RUSSIA)

The following maintenance services must be performed to ensure good emission control and performance. Keep receipts for all vehicle emission services to protect your warranty. Where both mileage and time are shown, the frequency of service is determined by whichever occurs first.

NO.	ITEM	REMARK
*1	Engine oil and engine oil filter	Check the engine oil level and leak every 500 km (350 miles) or before starting a long trip.
*2	Engine oil and engine oil filter (For Diesel Engine, Europe)	<ul style="list-style-type: none"> If the recommended oil is not available, replace engine oil and engine oil filter every 20,000km(13,000miles) or 12 months. The engine oil level should be checked regularly and maintained properly. Operating with an insufficient amount oil can damage the engine, and such damage is not covered by warranty. This maintenance schedule depends on fuel quality. It is applicable only when using a qualified fuel <"EN590 or equivalent">. If the diesel fuel specifications don't meet the EN590, it must be replaced according to the severe maintenance schedule.
*3	Coolant (Engine)	When adding coolant, use only deionized water or soft water for your vehicle and never mix hard water in the coolant filled at the factory. An improper coolant mixture can result in serious malfunction or engine damage.
*4	Drive belts (Engine)	<ul style="list-style-type: none"> Adjust alternator, water pump and air conditioner drive belt. Inspect and if necessary repair or replace. Inspect drive belt tensioner, idler and alternator pulley and if necessary correct or replace.
*5	Valve clearance	Inspect for excessive valve noise and/or engine vibration and adjust if necessary. In this case, have the system checked by a professional workshop. Kia recommends to visit an authorized Kia dealer/service partner.
*6	Spark plug	For your convenience, it can be replaced prior to it's interval when you do maintenance of other items.
*7	Differential oil (rear, front)	Differential oil should be changed anytime it has been submerged in water.
*8	Differential oil (rear) - With LSD	When replacing differential oil with LSD, use only specified LSD oil.
*9	Fuel additives (Gasoline)	<p>Kia recommends that you use unleaded gasoline which has an octane rating of RON (Research Octane Number) 95 / AKI (Anti Knock Index) 91 or higher (for Europe) or Octane Rating of RON (Research Octane Number) 91 / AKI (Anti-Knock Index) 87 or higher (except Europe).</p> <p>For customers who do not use good quality gasolines including fuel additives regularly, and have problems starting or the engine does not run smoothly, one bottle of additives added to the fuel tank at every 15,000 km (10,000 miles) (For Australia and New Zealand) / 10,000 km (6,500 miles) (Except Australia and New Zealand, China, Brazil) / 5,000 km (3,000 miles) (For China, Brazil). Additives are available from a professional workshop along with information on how to use them. Kia recommends to visit an authorized Kia dealer/service partner. Do not mix other additives.</p>
*10	Fuel filter cartridge (Diesel)	This maintenance schedule depends on fuel quality. It is applicable only when using a qualified fuel <"EN590 or equivalent">. If the diesel fuel

specifications don't meet the EN590, it must be replaced more often. If there are some important safety matters like fuel flow restriction, surging, loss of power, hard starting problem etc., replace the fuel filter immediately regardless of maintenance schedule and consult a professional workshop for more details. Kia recommends to consult an authorized Kia dealer/service partner.

MAINTENANCE ITEM	MAINTENANCE INTERVALS	Normal Maintenance Schedule - For Europe (Except Russia)								
		Number of months or driving distance, whichever comes first								
		Months	24	48	72	96	120	144	168	192
		Miles×1,000	20	40	60	80	100	120	140	160
		Km×1,000	30	60	90	120	150	180	210	240
Engine oil and engine oil filter *1, *2	Gasoline	Theta II 2.0L T- GDI	Replace every 10,000 km (6,500 miles) or 12 months							
	Gasoline	Lambda II 3.3L T-GDI	Replace every 10,000 km (6,500 miles) or 12 months							
	Diesel	R 2.2L 2WD	Replace every 20,000 km (13,000 miles) or 12 months							
	Diesel	R 2.2L 4WD	R	R	R	R	R	R	R	R
Coolant (Engine) *3	Gasoline, Diesel		At first, Replace 210,000 km (140,000 miles) or 120 months after that, Replace every 30,000 km (20,000 miles) or 24 months							
Drive belts (Engine) *4	Gasoline		-	-	I	I	I	I	I	I
	Diesel		-	I	I	I	I	I	I	I
Valve clearance *5	Gasoline	Theta II 2.0L T- GDI	-	-	I	-	-	I	-	-
	Gasoline	Lambda II 3.3L T-GDI	-	-	I	-	-	I	-	-
Vacuum hoses and crankcase ventilation hoses	Gasoline		I	I	I	I	I	I	I	I
Spark plugs *6	Gasoline	Theta II 2.0L T- GDI	Replace every 70,000 km (45,500 miles)							
	Gasoline	Lambda II 3.3L T-GDI	Replace every 70,000 km (45,500 miles)							
Automatic transaxle fluid	Gasoline, Diesel		No check, No service required							
Drive shaft and boots	Gasoline, Diesel		I	I	I	I	I	I	I	I
Propeller shaft	Gasoline, Diesel		I	I	I	I	I	I	I	I
Differential oil (rear) *7, *8	Gasoline, Diesel	Without LSD	-	I	-	I	-	I	-	I
		With LSD	-	R	-	R	-	R	-	R
Differential oil (front) (AWD) *7	Gasoline, Diesel		-	I	-	I	-	I	-	I
Transfer case oil (AWD)	Gasoline, Diesel		No check, No service required							
Fuel additives (Gasoline) *9	Gasoline		Add every 10,000 km (6,500 miles) or 12 months							

Fuel lines, hoses and connections	Gasoline		-	I	-	I	-	I	English	
	Diesel		I	I	I	I	I	I	I	I
Fuel tank air filter (Gasoline)	Gasoline		-	I	-	I	-	I	-	I
Vapor hose and fuel filler cap (Gasoline)	Gasoline		-	I	-	I	-	I	-	I
Fuel filler cap (Diesel)	Diesel		-	I	-	I	-	I	-	I
Fuel filter cartridge (Diesel) *10	Diesel		I	R	I	R	I	R	I	R
Air cleaner filter	Gasoline, Diesel		I	R	I	R	I	R	I	R
Intercooler, in/out hose, air intake hose	Gasoline	Theta II 2.0L T-GDI	Inspect every 10,000 km (6,500 miles) or 12 months							
	Gasoline	Lambda II 3.3L T-GDI	Inspect every 10,000 km (6,500 miles) or 12 months							
Exhaust system	Gasoline, Diesel		I	I	I	I	I	I	I	I
Cooling system	Gasoline, Diesel		-	I	I	I	I	I	I	I
Air conditioner compressor/refrigerant	Gasoline, Diesel		I	I	I	I	I	I	I	I
Climate control air filter	Gasoline, Diesel		R	R	R	R	R	R	R	R
Brake discs and pads	Gasoline, Diesel		I	I	I	I	I	I	I	I
Brake lines, hoses and connections	Gasoline, Diesel		I	I	I	I	I	I	I	I
Brake fluid	Gasoline, Diesel		R	R	R	R	R	R	R	R
Parking brake (Foot Type)	Gasoline, Diesel		I	I	I	I	I	I	I	I
Steering gear rack, linkage and boots	Gasoline, Diesel		I	I	I	I	I	I	I	I
Suspension ball joints	Gasoline, Diesel		I	I	I	I	I	I	I	I
Tire (pressure & tread wear)	Gasoline, Diesel		I	I	I	I	I	I	I	I
Battery (12V) condition	Gasoline, Diesel		I	I	I	I	I	I	I	I

I : Inspect and if necessary, adjust, correct, clean or replace.

R : Replace or change.

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