

PERIODIC MAINTENANCE (U90 for South Africa)

The following tables show the normal maintenance schedule. Depending upon weather and atmospheric conditions, varying road surfaces, individual driving habits and vehicle usage, additional or more frequent maintenance may be required

Periodic maintenance beyond the last period shown on the tables requires similar maintenance

ENGINE AND EMISSION CONTROL MAINTENANCE (DIESEL K9K ENGINE)

Abbreviations: I = Inspect and correct or replace as necessary, R = Replace, A = Adjust, C = Clean,
D = Check filter and drain water, [] = At the mileage interval only

MAINTENANCE OPERATION		MAINTENANCE INTERVAL										
	km x 1,000	15	30	45	60	75	90	105	120	135	150	
Perform either at number of kilometers (miles	(mile x 1,000)	(9)	(18)	(27)	(36)	(45)	(54)	(63)	(72)	(81)	(90)	
or months, whichever comes first	Months	12	24	36	48	60	72	84	96	108	120	
DIESEL ENGINE ITEM												
Drive belts★	See NOTE (1)	Replace every 90 000km or 48 months, whichever occurs first										
Timing Belt ★		Replace every 90 000km or 48 months, whichever occurs first										
Engine oil (Use recommended oil.)★		R	R	R	R	R	R	R	R	R	R	
Engine oil filter (Use genuine NISSAN part or equivalent)★		R	R	R	R	R	R	R	R	R	R	
Engine coolant	See NOTE (2)	Replace every 90 000km or 36 months, whichever occurs first										
Cooling system												
Air cleaner filter ★ (Dry Paper type)		Clean every 15 000km or 24 months										
		Replace every 30 000km or 48 months whichever occurs first										
Intake & exhaust valve clearance	See NOTE (3)											
Fuel filter ★		[R]	[R]	[R]	[R]	[R]	[R]	[R]	[R]	[R]	[R]	
Fuel lines												

NOTE: Maintenance item with "★" should be performed more frequently according to "Maintenance under severe driving conditions"

(1) Replace the drive belts if found damaged

(2) Use Renault GLACEOL RX (Type D) engine coolant, in order to avoid possible aluminium corrosion within the engine cooling system caused by the use of non-genuine engine coolant

(3) If valve noise increases, check valve clearance

PERIODIC MAINTENANCE (U90 for South Africa)

(DIESEL K9K ENGINE)

Maintenance Under Severe Driving Conditions

The maintenance intervals shown on the preceding pages are for normal operating conditions. If the vehicle is mainly operated under severe driving conditions as shown below, more frequent maintenance must be performed on the following items as shown in the table.

Severe driving conditions

- | | |
|---|--|
| A — Driving under dusty conditions | G — Driving in areas using salt or other corrosive materials |
| B — Driving repeatedly short distances | H — Driving on rough and/or muddy roads or in the desert |
| C — Towing a trailer or caravan | I — Driving with frequent use of braking or in mountainous areas |
| D — Extensive idling | J — Frequent driving in water |
| E — Driving in extremely adverse weather conditions or in areas where ambient temperatures are either extremely low or extremely high | K — Sustained high speed driving |
| F — Driving in high humidity areas or in mountainous areas | L — Repeated short journeys, cold engine at low temp |

Driving condition	Maintenance item	Maintenance operation	Maintenance interval
A B C D	Air cleaner filter (dry paper type)	Replace	Every 7,500km or 12 months
A B C D	L Engine oil	Replace	Every 7,500km 6 months
A B C D	L Engine oil filter	Replace	Every 7,500km 6 months
. G	Locks, hinges & hood latch	Lubricate	Every 7,500km or 6 months
. F	Brake fluid	Replace	Every 15,000km or 12 months
A	Air conditioner filter	Replace	Every 7,500km 12 months
. B C D H L	Timing & Drive belts	Replace	Every 45,000km or 48 months
A B C D H	Fuel filter	Replace	Every 7,500 km or 12 months

CHASSIS AND BODY MAINTENANCE

(DIESEL K9K ENGINE)

Abbreviations: I = Inspect and correct or replace as necessary, R = Replace

L = Lubricate, T=Tighten

MAINTENANCE OPERATION	MAINTENANCE INTERVAL										
	km x 1,000 (mile x 1,000) Months	15 (9) 12	30 (18) 24	45 (27) 36	60 (36) 48	75 (45) 60	90 (54) 72	105 (63) 84	120 (72) 96	135 (81) 108	150 (90) 120
Underhood and under vehicle											
Brake and clutch fluids (For level & leaks) ★		I	I	I	I	I	I	I	I	I	I
Manual transaxle gear oil (For level & leaks)		I	I	I	I	I	I	I	I	I	I
Brake fluid (Replacement operation) ★			R		R		R		R		R
Brake booster vacuum hoses, connections & check valve			I		I		I		I		I
Power steering fluid & lines (For level & leaks)		I	I	I	I	I	I	I	I	I	I
Brake, clutch & exhaust systems		I	I	I	I	I	I	I	I	I	I
Steering gear & linkage, axle & suspension parts, & front drive shafts ★		I	I	I	I	I	I	I	I	I	I
Outside and Inside											
Wheel alignment (if necessary, rotate & balance wheels)		I	I	I	I	I	I	I	I	I	I
Brake pads, rotors & other brake components ★		I	I	I	I	I	I	I	I	I	I
Brake linings, drums & other brake components		I	I	I	I	I	I	I	I	I	I
Locks, hinges & hood latch ★		L	L	L	L	L	L	L	L	L	L
Seat belts, buckles, retractors, anchors & adjuster		I	I	I	I	I	I	I	I	I	I
Foot brake, parking brake & clutch (For free play, stroke & operation)		I	I	I	I	I	I	I	I	I	I
Air conditioner filter ★ (if equipped)		R	R	R	R	R	R	R	R	R	R

NOTE: Maintenance item with "★" should be performed more frequently according to "Maintenance under severe driving conditions".