

## PERIODIC MAINTENANCE - for NZ

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 (MRA8DE PETROL ENGINES)

Abbreviations: R = Replace, I = Inspect and correct or replace as necessary, E = Checking the mixture ratio and correcting the mixture ratio, [ ] = At the specified mileage only

MAINTENANCE OPERATION		MAINTENANCE INTERVAL								
		km x 1,000	15	30	45	60	75	90	105	120
Perform at a kilometer (mile) or month interval, whichever comes first.	(miles x 1,000)	(9)	(18)	(27)	(36)	(45)	(54)	(63)	(72)	
	Months	12	24	36	48	60	72	84	96	
Intake & exhaust valve clearance	See NOTE (1)									
Drive belt(s)	See NOTE (2)	I	I	I	I	I	I	I	I	I
Engine oil (Use recommended oil.) ★		R	R	R	R	R	R	R	R	R
Engine oil filter (Use genuine NISSAN engine oil filter or equivalent.) ★		R	R	R	R	R	R	R	R	R
Engine coolant	See NOTE (3)		E		E		E		E	
Cooling system		I	I	I	I	I	I	I	I	I
Fuel lines			I		I		I		I	
EVAP vapor lines (With carbon canister)			I		I		I		I	
Air cleaner filter (Viscous paper type) ★			R		R		R		R	
Fuel filter (In-tank type)	See NOTE (4)									
Spark plugs (Platinum-tipped type)							[R]			

#### NOTE:

- Maintenance items with "★" should be performed more frequently according to "Maintenance under severe driving conditions".
- (1) Periodic maintenance is not required. However, if valve noise increases, check valve clearance.
- (2) Replace the drive belts if found damaged or if the auto belt tensioner reading reaches the maximum limit.
- (3) Use Genuine NISSAN Engine Coolant(blue) or equivalent in its quality, in order to avoid possible aluminum corrosion within the engine cooling system caused by the use of non-genuine engine coolant. Check and correct the engine coolant mixture ratio every 30,000km(18,000miles) or 24months. First replacement interval is 150,000 km (90,000 miles) or 96 months. After first replacement, replace every 75,000km(54,000miles) or 48months.

· (4) Fuel filter is maintenance-free.

**CHASSIS AND BODY MAINTENANCE (MRA8DE PETROL ENGINES)**

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

MAINTENANCE OPERATION	MAINTENANCE INTERVAL									
	km x 1,000	15	30	45	60	75	90	105	120	
Perform at a kilometer (mile) or month interval, whichever comes first.	(miles x 1,000)	(9)	(18)	(27)	(36)	(45)	(54)	(63)	(72)	
	Months	12	24	36	48	60	72	84	96	
Brake fluid (For level and leaks)		I	I	I	I	I	I	I	I	I
Brake & exhaust systems		I	I	I	I	I	I	I	I	I
Brake fluid ★			R		R		R		R	
Brake booster vacuum hoses, connections & check valve		I	I	I	I	I	I	I	I	I
CVT fluid (For leaks)	See NOTE (1)	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
Wheel alignment (If necessary, rotate & balance wheels)		I	I	I	I	I	I	I	I	I
Brake pads, rotors & other brake components ★		I	I	I	I	I	I	I	I	I
Locks, hinges & hood latch ★		L	L	L	L	L	L	L	L	L
Seat belts, buckles, retractors, anchors & adjusters		I	I	I	I	I	I	I	I	I
Foot brake & parking brake (For free play, stroke & operation)		I	I	I	I	I	I	I	I	I
Air conditioner filter ★			R		R		R		R	

**NOTE:**

· Maintenance items with "★" should be performed more frequently according to "Maintenance under severe driving conditions".

· (1)Use only Genuine NISSAN CVT fluid. If towing a trailer, using a camper or a car-top carrier or driving on rough or muddy roads, inspect CVT fluid deterioration at NISSAN dealers every 90,000 km (54,000 miles), then change CVT fluid if necessary. And if the inspection is not performed, change (not just inspect) CVT fluid every 90,000 km (54,000 miles). Using transmission fluid other than Genuine NISSAN CVT Fluid will damage the CVT, which is not covered by the warranty.

## MAINTENANCE UNDER SEVERE DRIVING CONDITIONS (MRA8DE PETROL ENGINES)

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 off road use or driving in water
E	- Driving in extremely adverse weather conditions or in areas where ambient temperatures are either extremely low or extremely high	K	- For models without Euro-OBD system
F	- Driving in high humidity areas or in mountainous areas	L	- Sustained high speed driving

**Operation : Inspect = Inspect and correct or replace as necessary.**

Driving Condition	Maintenance item	Maintenance operation	Maintenance interval
A	Air cleaner filter	Replace	More frequently
A B C D	Engine oil & engine oil filter	Replace	Every 7,500 km (4,500 miles) or 6 months
F	Brake fluid	Replace	Every 15,000 km (9,000 miles) or 12 months
G H	Steering gear & linkage, axle & suspension parts & front drive shafts	Inspect	Every 7,500 km (4,500 miles) or 6 months
A C G H	Brake pads, rotors & other brake components	Inspect	Every 7,500 km (4,500 miles) or 6 months
G	Locks, hinges & hood latch	Lubricate	Every 7,500 km (4,500 miles) or 6 months
A	Air conditioner filter	Replace	Every 15,000 km (9,000 miles) or 12 months