
EXCEPT FOR RUSSIA/UKRAINE

EXCEPT FOR RUSSIA/UKRAINE : Periodic Maintenance

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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

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Abbreviations: I = Inspect and correct or replace as necessary, R = Replace, E = Check and correct the engine coolant mixture ratio

MAINTENANCE OPERATION		MAINTENANCE INTERVAL								Refer- ence page	
Perform either at number of kilometers (miles) or months, whichever comes first.	km x 1,000 (Miles x 1,000) Months	10 (6) 6	20 (12) 12	30 (18) 18	40 (24) 24	50 (30) 30	60 (36) 36	70 (42) 42	80 (48) 48		
Underhood and under vehicle											
Intake & exhaust valve clearance	See NOTE (1)									I	EM-13 (VK56DE) EM-144 (VK56VD)
Drive belt(s)	See NOTE (2)				I					I	MA-18 (VK56DE) MA-27 (VK56VD)
Engine oil (Use recommended oil.)★		R	R	R	R	R	R	R	R	R	MA-23 (VK56DE) MA-32 (VK56VD)
Engine oil filter (Use genuine NISSAN engine oil filter or equivalent)★		R	R	R	R	R	R	R	R	R	MA-24 (VK56DE) MA-33 (VK56VD)
Engine coolant	See NOTE (3)					E				E	MA-19 (VK56DE) MA-28 (VK56VD)
Cooling system			I		I			I		I	MA-18 (VK56DE) MA-27 (VK56VD) MA-22 (VK56DE) MA-31 (VK56VD) MA-22 (VK56DE) MA-31 (VK56VD)
Fuel lines					I					I	MA-23 (VK56DE) MA-32 (VK56VD)
Air cleaner filter (Dry paper type)★ (Except for China)	See NOTE (4)	Clean every 5,000 km (3,000 miles)								R	MA-23 (VK56DE) MA-32 (VK56VD)
	See NOTE (5)				R					R	
Air cleaner filter (Dry paper type)★ (For China)		Clean every 5,000 km (3,000 miles)									
			R		R		R		R		
Fuel filter (In-tank type)	See NOTE (6)										—
Fuel system (For China)	See NOTE (7)										—

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MAINTENANCE OPERATION		MAINTENANCE INTERVAL								Reference page
		10 (6) 6	20 (12) 12	30 (18) 18	40 (24) 24	50 (30) 30	60 (36) 36	70 (42) 42	80 (48) 48	
Perform either at number of kilometers (miles) or months, whichever comes first.	km x 1,000 (Miles x 1,000) Months									
Spark plugs (Iridium-tipped type)	See NOTE (8) (10)	Except for China: Replace every 100,000 km (60,000 miles) For China Replace every 15,000 km (9,000 miles)								MA-25 (VK56DE) MA-34 (VK56VD)
	See NOTE (9) (10)			[R]			[R]			
EVAP vapor lines					I				I	MA-26 (VK56DE) MA-35 (VK56VD)

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 aluminium corrosion within the engine cooling system caused by the use of non-genuine engine coolant. Check and correct the engine coolant mixture ratio every 40,000 km (24,000 miles) or 24 months. First replacement interval is 160,000 km (96,000 miles) or 96 months. After first replacement, replace every 80,000 km (48,000 miles) or 48 months.
- (4) For dusty areas.
- (5) Except for dusty areas.
- (6) Maintenance-free item. For service procedures, refer to FL section.
- (7) Maintain every 20,000 km (12,000 miles) with using Genuine NISSAN Fuel system cleaner.
- (8) Models except for Philippines.
- (9) Models for Philippines.
- (10) Replace spark plug when the spark plug gap exceeds 1.25 mm (0.049 in) even if within specified periodic replacement mileage.

CHASSIS AND BODY MAINTENANCE

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

MAINTENANCE OPERATION		MAINTENANCE INTERVAL								Reference page
		10 (6) 6	20 (12) 12	30 (18) 18	40 (24) 24	50 (30) 30	60 (36) 36	70 (42) 42	80 (48) 48	
Perform either at number of kilometers (miles) or months, whichever comes first.	km x 1,000 (Miles x 1,000) Months									
Underhood and under vehicle										
Brake & clutch fluid (For level & leaks)		I	I	I	I	I	I	I	I	MA-52 MA-41
Brake fluid★					R				R	BR-11 (LHD) BR-56 (RHD)
Automatic transmission fluid (7AT)	See NOTE (1)									–
Automatic transmission fluid (5AT)★		I	I	I	I	I	I	I	I	–
Manual transmission fluid (For level & leaks)		I*1	I	I*1	I	I*1	I	I*1	I	MA-42
Greasing point of propeller shaft★	See NOTE (2)		L		L		L		L	DLN-148 DLN-156
Power steering fluid & lines (For level & leaks)		I*1	I	I*1	I	I*1	I	I*1	I	MA-59

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MAINTENANCE OPERATION	km x 1,000 (Miles x 1,000) Months	MAINTENANCE INTERVAL								Reference page
		10 (6) 6	20 (12) 12	30 (18) 18	40 (24) 24	50 (30) 30	60 (36) 36	70 (42) 42	80 (48) 48	
Perform either at number of kilometers (miles) or months, whichever comes first.										
Brake, clutch & exhaust system		I	I	I	I	I	I	I	I	MA-52 MA-41 MA-41
Transfer fluid	See NOTE (3)	I	I	I	I	I	I	I	I	MA-43
Differential gear oil (For level and leaks or replace)	See NOTE (4)	I	I	I	R	I	I	I	R	MA-45 MA-46 MA-47 MA-46 MA-47
Steering gear & linkage, axle & suspension parts, propeller shaft, & drive shafts★		I*1	I	I*1	I	I*1	I	I*1	I	MA-59 MA-60 MA-44 MA-45 MA-60
Outside and inside										
Wheel alignment (If necessary, rotate & balance wheels)			I		I		I		I	FSU-7 RSU-6 MA-48 MA-50
Brake pads, rotors & other brake components★		I	I	I	I	I	I	I	I	MA-57 (LHD) BR-17 (LHD) BR-19 (LHD) BR-17 (LHD) BR-19 (LHD) MA-58 (RHD) BR-62 (RHD) BR-64 (RHD) BR-62 (RHD) BR-64 (RHD)
Locks, hinges & hood latch★		L*1	L	L*1	L	L*1	L	L*1	L	MA-61
Seat belts, buckles, retractors, anchors & adjusters			I		I		I		I	MA-61
Foot brake, parking brake & clutch (For free play, stroke & operation)		I*1	I	I*1	I	I*1	I	I*1	I	BR-8 (LHD) BR-53 (RHD) PB-2 PB-3 CL-8
Air conditioner filter★			R		R		R		R	VTL-17
Body mountings			T		T		T		T	—

NOTE:

- Maintenance items with “★” should be performed more frequently according to “Maintenance Under Severe Driving Conditions”.

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- (1) Automatic transmission fluid is maintenance-free.
- (2) The propeller shaft should be re-greased after being immersed in water.
- (3) When changing the transfer fluid, the controller needs to be reset.
- (4) Including differential gear with differential lock.

*1: For Australia models.

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

B — Driving repeatedly short distances

C — Towing a trailer or caravan

D — Extensive idling

E — Driving in extremely adverse weather conditions or in areas where ambient temperatures are either extremely low or extremely high

F — Driving in high humidity or mountainous areas

G — Driving in areas using salt or other corrosive materials

H — Driving on rough and/or muddy roads or in the desert

I — Driving with frequent use of braking or in mountainous areas

J — Frequent driving in water

Maintenance operation: Inspect = Inspect and correct or replace as necessary.

Driving condition										Maintenance item	Maintenance operation	Maintenance interval	Reference page
A	.	.	.	.	.	.	.	.	.	Air cleaner filter	Clean or Replace	More frequently	MA-23 (VK56DE) MA-32 (VK56VD)
A	B	C	D	.	.	.	.	.	.	Engine oil	Replace	Every 5,000 km (3,000 miles) or 3 months	MA-23 (VK56DE) MA-32 (VK56VD)
A	B	C	D	.	.	.	.	.	.	Engine oil filter	Replace	Every 5,000 km (3,000 miles) or 3 months	MA-24 (VK56DE) MA-33 (VK56VD)
.	.	.	.	.	F	.	.	.	.	Brake fluid	Replace	Every 20,000 km (12,000 miles) or 12 months	BR-11 (LHD) BR-56 (RHD)
.	.	C	.	.	.	.	H	.	.	Automatic transmission fluid	Replace	Every 40,000 km (24,000 miles) or 24 months	TM-88
.	.	.	.	.	.	G	H	.	J	Greasing point of propeller shaft	Lubricate	Every 10,000 km (6,000 miles) or 6 months	DLN-148 DLN-156
.	G	H	.	.	Steering gear & linkage, axle & suspension parts, propeller shaft, & drive shafts	Inspect	Except for Australia: Every 5,000 km (3,000 miles) or 3 months For Australia: Every 10,000 km (6,000 miles) or 6 months	MA-59 MA-60 MA-44 MA-45 MA-60

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A	.	C	.	.	.	G	H	I	.	Brake pads, rotors & other brake components	Inspect	Every 5,000 km (3,000 miles) or 3 months	MA-57 (LHD) BR-17 (LHD) BR-19 (LHD) BR-17 (LHD) BR-19 (LHD) MA-58 (RHD) BR-62 (RHD) BR-64 (RHD) BR-62 (RHD) BR-64 (RHD)
.	.	.	.	.	.	G	.	.	.	Locks, hinges & hood latch	Lubricate	Except for Australia: Every 5,000 km (3,000 miles) or 3 months For Australia: Every 10,000 km (6,000 miles) or 6 months	MA-61
A	.	.	.	.	.	.	.	.	.	Air conditioner filter	Replace	More frequently	VTL-17