

PERIODIC MAINTENANCE - 2013 R52 PATHFINDER 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 (VQ35DE 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 | km x 1,000 (miles x 1,000) Months | MAINTENANCE INTERVAL | | | | | | | |
|---|---|----------------------|------------|------------|------------|------------|------------|-------------|-------------|
| | | 15 (9) | 30 (18) | 45 (27) | 60 (36) | 75 (45) | 90 (54) | 105 (63) | 120 (72) |
| Perform at a kilometer (mile) or month interval, whichever comes first. | | 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 |
| Engine oil (Use recommended oil.) ★ | | 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 |
| Engine coolant | See NOTE (3) | | E | | E | | E | | E |
| Cooling system | | 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 |
| Positive crankcase ventilation (PCV) system | | I | I | I | I | I | I | I | I |
| Fuel filter (In-tank type) | See NOTE (4) | | | | | | | | |
| Spark plugs (Iridium-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 (VQ35DE PETROL ENGINES)

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

| MAINTENANCE OPERATION | km x 1,000 (miles x 1,000) Months | MAINTENANCE INTERVAL | | | | | | | |
|---|---|----------------------|------------|------------|------------|------------|------------|-------------|-------------|
| | | 15 (9) | 30 (18) | 45 (27) | 60 (36) | 75 (45) | 90 (54) | 105 (63) | 120 (72) |
| Perform at a kilometer (mile) or month interval, whichever comes first. | | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 |
| Brake fluid (For level and leaks) | | I | I | I | I | I | I | I | I |
| Brake & exhaust systems | | 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 |
| Power steering fluid & lines (For level & leaks) | | I | I | I | I | I | I | I | I |
| CVT fluid (For level & leaks) | See NOTE (1) | I | I | I | I | I | I | I | I |
| Transfer oil (For level and Leaks) | | I | I | I | I | I | I | I | I |
| Differential gear oil (For level and Leaks) ★ | | I | I | I | I | I | I | I | I |
| Steering gear & linkage, axle & suspension parts, propeller shaft, & drive shafts ★ | | I | I | I | I | I | I | I | I |
| Wheel alignment (If necessary, rotate & balance wheels) | | I | I | I | I | I | I | I | I |
| Brake pads, rotors & other brake components ★ | | I | I | I | I | I | I | I | I |
| Locks, hinges & hood latch ★ | | L | L | L | L | L | L | L | L |
| Seat belts, buckles, retractors, anchors & adjusters | | 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 |
| 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 (VQ35DE PETROL ENGINES) - 2013 R52 PATHFINDER for NZ

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 | 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 |
| . . . C H | Differential gear oil | Replace | Every 30,000 km (18,000 miles) or 24 months |
| G H | Steering gear & linkage, axle & suspension parts, propeller shaft, & drive shafts | Inspect | Every 7,500 km (4,500 miles) or 6 months |
| A . . C G H I | 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 |