**SERVICE INTERVAL (every.... miles (... km))**

| Vehicle | Interval |
|---|---|
| PRIMASTAR | **18,000 (30 000 km)** |

Or every two years depending on which is reached first.

**The Nissan service**

The service is an important stage in the life of the vehicle. The service is based on a common set of operations including oil changes, replacing the oil filter, checks (including fault finding checking by the computers) and topping up (details on page 04.3).

Depending on the mileage of the vehicle, certain parts will have to be replaced (listed on page 04.4).

**SERVICE OPERATIONS (PETROL AND DIESEL ENGINES)**

| OPERATIONS |
|---|
| **Bodywork**<br>– Examination of underside of the car, wheel arches, doors and windows, etc... |
| **Engine**<br>– Oil change.<br>– Replacement of oil filter.<br>– Visual inspection of the exhaust pipe. |
| **Brakes**<br>– Visual inspection of the brake pads.<br>– Visual check of the circuit seals.<br>– Checking the level of the brake fluid / hydraulic clutch. |
| **Check fluid levels and tightness of circuits**<br>– Hydraulic clutch.<br>– Power assisted steering.<br>– Front/rear screen washers.<br>– Cooling circuit. |
| **Steering/front and rear axle geometry**<br>– Check ball joint play - Condition of rubber gaiters. |
| **Tyres**<br>– Check condition and pressure of tyres (including emergency spare wheel).<br>– Visual inspection and tightness check of front and rear shock absorbers. |
| **Equipment**<br>– Check bulbs (headlights, indicators, brake lights).<br>– Check the condition of the vehicle battery (1).<br>– Check the condition of the windscreen and rear-view mirrors.<br>– Check the condition of the windscreen and rear screen wiper blades. |
| **Delivery**<br>– Check safety and service labels are in correct positions.<br>– Computer fault finding. |

(1) if possible, this battery check will be carried out using the MIDTRONICS tool.

**ADDITIONAL OPERATIONS**

**Components to be replaced (every ... miles/km)**

| Engine | Spark plugs | Engine air filter (1) | Filter in the passenger compartment (if fitted) |
|---|---|---|---|
| Petrol | 120 000 | 60 000 | 30 000 |

| Engine | Engine air filter (1) | Filter in the passenger compartment (if fitted) |
|---|---|---|
| Diesel | 30 000 | 30 000 |

(1) or every 4 years whichever is reached first

**ADDITIONAL OPERATIONS**

**PETROL and DIESEL engines**

**Components to be replaced (every ...)**

| | |
|---|---|
| Timing belt (1) | Petrol engines: 75,000 miles (120 000 km)<br>Diesel engine<br>1.9 dCi: 95,000 miles (150 000 km) or 5 years |
| Accessories belt | Petrol and diesel engines: 75,000 miles (120 000 km) or 5 years |
| Fuel filter | 75,000 miles (120 000 km) |
| Diesel filters | 18,000 miles (30 000 km) |
| Check the brake shoes and remove dust (drum brakes) | 55,000 miles (90 000 km) |
| DOT 4 brake fluid only (2) | 72 000 miles (120 000 km) or every 4 years |
| Central locking remote control unit batteries* | 2 years |
| Air conditioning circuit*; check and top up refrigerant fluid | 4 years |
| Coolant | 72 000 miles (120 000 km) or every 4 years |
| Tyre pressure monitor batteries* | 10 years |
| Airbag and pretensioner pyrotechnic system | 10 years |

* if fitted

(1) Belts

The mileages and intervals for belt replacement listed above must be respected. When a drive belt needs replacing, the customer should consult his nearest Nissan Dealer for advice on when the timing belt should be replaced depending on his individual driving style and how he uses the car. This is particularly important when the car is being used for:
– constant door to door journeys,
– urban driving,
– repeated short journeys, cold engine at low temperatures,
– dusty environment, unsealed roads, etc.

For replacement of the timing belt, at the service (45,000, 75,000 or 95,000 miles (75 000, 120 000 or 150 000 km) depending on the engine). It is advisable to use the timing kit.

(2) To achieve optimization of vehicles equipped with an Electronic Stability Program, RENAULT recommends a brake fluid with low viscosity in cold conditions (maximum 750 $mm^2/s$ at -40°C).

**IMPORTANT:**
If there is any trace of diesel on the timing belt, it must be replaced.

**ADDITIONAL OPERATIONS TO BE CARRIED OUT DURING SERVICES**

Servicing periods are the same for LPG-equipped cars as those for equivalent models with petrol engines.

Also:

***Every 18 000 miles (30 000 km) you must:***
– check the safety solenoid valve,
– check that the blanking cover is fitted to the safety valve.

***Every 36,000 miles (60 000 km) you must:***
– replace the gas filter.

**CHECKING THE OIL LEVEL**

Engines in the Nissan range are designed and built to the highest technological standards, but naturally need a little oil for optimum running.

For this reason, and to prevent any potential engine failure, the engine oil level must be **regularly checked** in particular before long journeys.

It may be necessary to top up the oil between oil changes, in particular during the running in period; **refill when the oil level reaches the minimum mark on the dipstick**.

The level should be checked with the car on a flat surface, with the engine stopped and cold (e.g.: before the engine is started for the first time of the day).

When refilling, allow the oil to run through (approximately **2 minutes**), before checking the level on the dipstick.

It is very important not to exceed the maximum mark on the gauge (in this case oil consumption is greater; it can also cause engine damage).

The service has been designed for regular use of the vehicles.

In the event of use in certain difficult conditions:
– constant door to door journeys,
– urban driving,
– repeated short journeys, with cold engine at low temperatures, etc.
It is recommended that your oil is changed twice as often.

**Only ACEA standard oils** (Association of European Automobile Manufacturers Association) may be used for a **18,000 miles (30 000 km)** change interval or every two years.

Refer to the section **Engine oils** for more information on the viscosity grades and qualities to be used in the engines.

The following tables indicate the frequency for replacing parts in current engines.

| Engine | Name | Interval | Air filter | Fuel filter | Timing belt | Accessories belt | Filter in the passenger compartment | Spark plugs |
|---|---|---|---|---|---|---|---|---|
| F4R | 2.0 16V | 30 000 | 60 000 | 120 000 | 120 000 | 120 000 | 30 000 | 120 000 |

| Engine | Name | Interval | Air filter | Fuel filter | Timing belt | Accessories belt | Filter in the passenger compartment |
|---|---|---|---|---|---|---|---|
| F9Q | 1.9 dCi | 30 000 | 30 000 | 30 000 | 150 000 | 120 000 | 30 000 |

Nissan recommends for its engines new oils that comply with ACEA (Association of European Automobile Manufacturers) standards that must be strictly adhered to.

- Petrol engine ACEA standards A1, A3 and A5
- Diesel engine ACEA standards B3 and B4 only

**IMPORTANT:**
A1 and A5 standard lubricants (petrol only) permit a reduction in fuel consumption in comparison with other standards (2.5 % minimum when compared with a 15W40 oil). Nissan Primastar engines benefit from this performance.

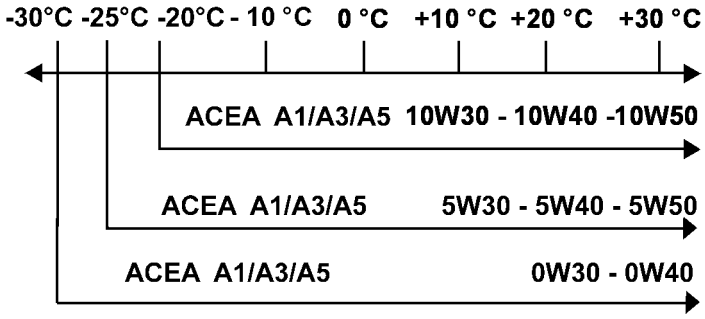
A2 and B2 standards are not permitted.

0W30, 5W30 and 10W30 grades may not be used on diesel engines.

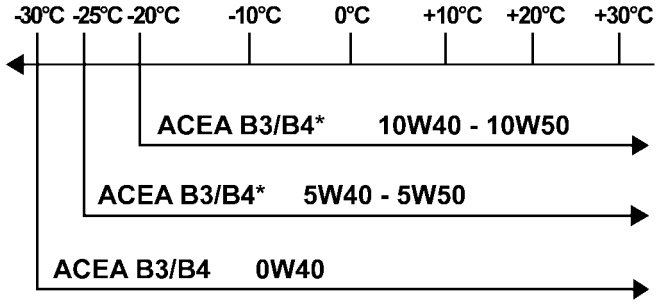
**SERVICING POLICY FOR 18,000 miles (30 000 km) or 2 years**

Only ACEA oils A1/A3/A5 - B3/B4 should be used. It is essential to follow the recommendations below:

## PETROL




## DIESEL



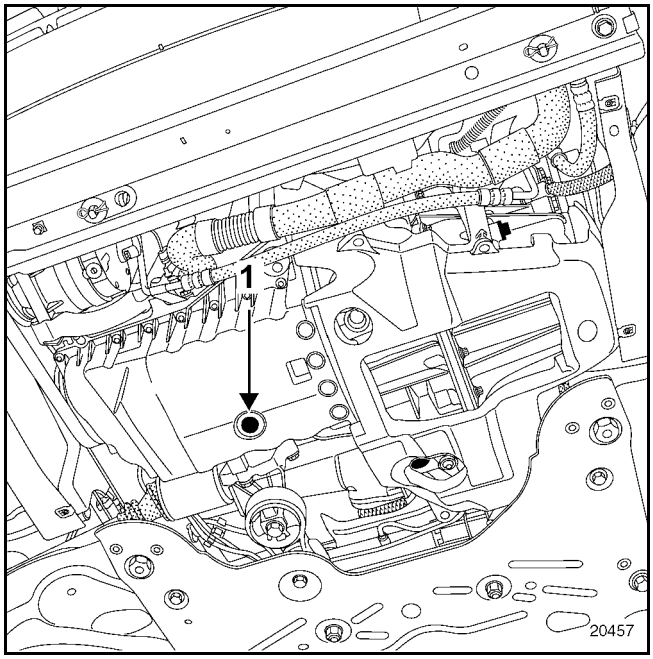

0W30, 5W30 and 10W30 oil grades must never be used in diesel engines.

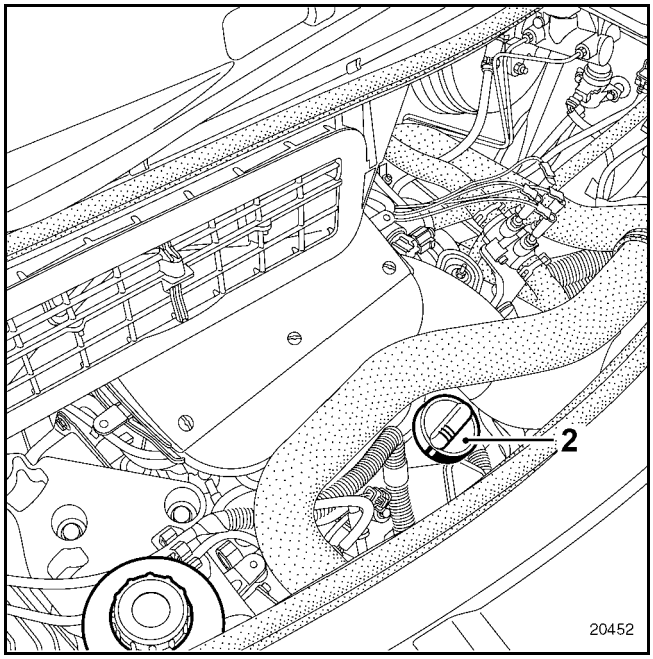
* Diesel engine: to make starting from cold easier (below -15 °C), use 0W40 grade oil.

| TOOLING REQUIRED |
| --- |
| Engine drain plug spanner |

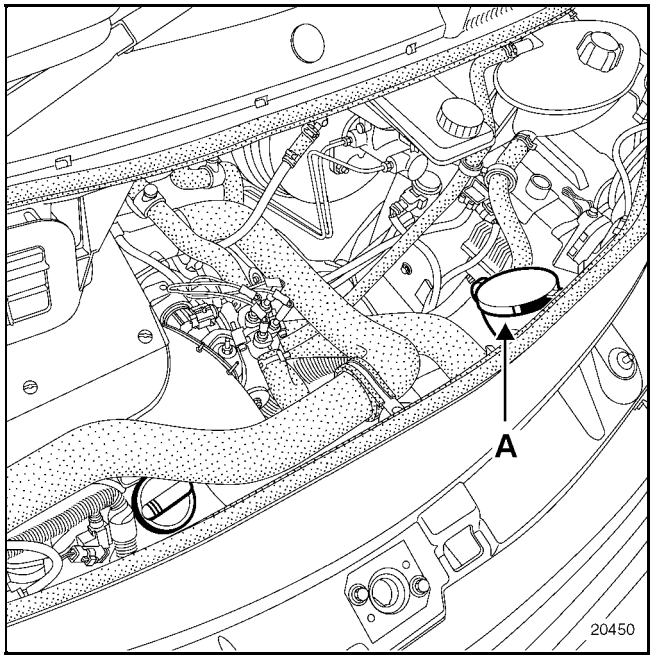
**DRAINING:** plug (1)

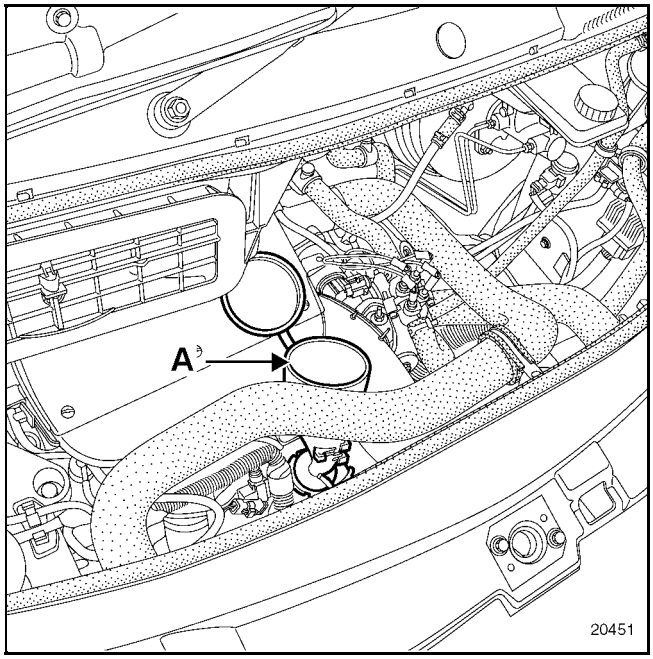
**FILLING:** plug (2)




Topping up the engine oil is carried out using the funnel (A); open the ends of the funnel before putting it into position.

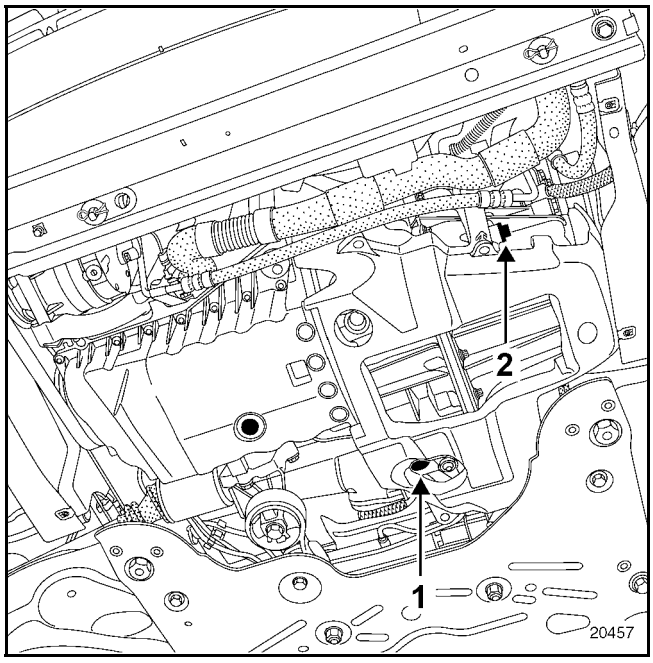


| TOOLING REQUIRED |
| --- |
| Gearbox drain plug spanner |

**DRAINING:** plug (1)

**FILLING:** plug (2)



**CHECKING THE LEVEL**

**POWER ASSISTED STEERING PUMP LEVEL**

For topping up or filling, use **DEXRON II**.

The level, when correct, should be visible between the **MIN** and **MAX** marks on the reservoir (1).

**ALL ENGINE TYPES**