OIL FILTERS

Engine oil lubricates vital moving parts in the engine such as the crankshaft bearings, pistons, connecting rods and valves to ensure that they move smoothly. But oil becomes dirty due to iron particles, carbon and so on. And this dirt damages the moving engine parts, thereby shortening engine life.

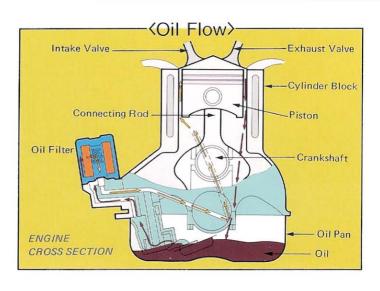
Oil filters play an important role in removing these contaminants from the engine oil. Keeping the engine supplied with clean oil prevents excessive engine wear.

Genuine Nissan Oil Filters feature:

- 1. High filtration efficiency
- 2. Long service life

Durable Cover -

- 3. Prevention of oil leakage
- 4. Oil retention in filter case



Inner Tube Double Seamed Sealing

Drain-Back Prevention Valve

Anti-Oil Leakage Joint

This superior valve works to retain sufficient oil in the filter case to make sure the engine starts up fast at all times.

Rubber Packing-

A genuine filter comes with a superb NBR rubber O-ring sealer that prevents leakage over a long period of time: it is not loosened by engine vibrations or damaged by heat or oil.

High-Quality Adhesive

Excellent Fine Filter Paper

This paper has two functions: it simultaneously traps contaminants and provides a smooth flow of oil. These functions are carried out extremely well because the paper with fine mesh has been specially selected and has a large filtration area.

-How genuine filter paper differs from non-genuine-

On the outside, all oil filters look alike. But inside, they differ a lot.

 Material — The fine paper of genuine oil filters enables them to remove particles as small as 20 microns in diameter.



Genuine (fine mesh)



Non-Genuine (coarse mesh)

2. Filtration Area



Genuine (100)



Non-Genuine (40~70)

Non-genuine oil filters cause problems:

- The coarse filter paper in non-genuine oil filters cannot prevent contaminants from passing through, causing the engine oil to soon become dirty. This contaminated oil causes undue wear to your Nissan engine.
- Oil leakage because of poor filter construction and poor rubber packing can cause sudden engine seizures at highspeed driving.
- Non-genuine oil filters have a shorter service life because of their smaller filtration area. So you are forced to replace oil filters more frequently.

Imperfect Sealing due to ...



∠Poor Adhesive



∠Lack of End-to-end Filter Paper Joint

REPLACE YOUR OIL FILTER PERIODICALLY

Oil filters need to supply clean oil to your engine for smooth operation. But after long-term use, no oil filter is able to fulfill this function well enough. So, to prevent excessive engine wear, replacing your oil filter with a new one periodically is recommended.

Maintenance interval is determined by the distance travelled or the time since your last change,

Please refer to the periodic maintenance schedule in your Owner's Manual.

Clue 1 Leaking oil

Clue 2 Dirty oil



GENUINE NISSAN OIL FILTERS