




Filter Trouble Tracer

Recognise one of these problems? A Champion filter may well be the solution.


Black exhaust smoke



Possible cause:
Dirty air filter

Solution:
Replace air filter

Abrasive wear to engine components



Possible cause:
Ingress of dirt via a broken hose, blocked filter or residual debris within the lubrication system

Solution:
Flush engine to remove any remaining debris and replace oil, air and fuel filters


Contamination of diesel



Possible cause:
Petrol in diesel from mis-fueling

Solution:
Replace/repair injectors, pump, clean fuel system, replace fuel filter


Excessive fuel consumption



Possible cause:
Dirty air filter

Solution:
Replace air filter
Flush oil galleries, replace oil filter


Reduced performance of the air conditioning



Possible cause:
Cabin filter is clogged with dirt and dust and reduces the air flow

Solution:
Replace the cabin filter


Irritation (eyes, airways) and allergic reactions



Possible cause:
Dust, pollen and other pollutants seep into the cabin because the cabin filter is saturated

Solution:
Replace the cabin filter

Hesitation




Possible cause:

- Dirty air filter
- Water in petrol
- Fuel filter clogged

Solution:

- Replace air filter
- Drain fuel tank, replace fuel filter
- Replace fuel filter

Leaking fuel filter/housing



Possible cause:
Incorrect fitting

Solution:
Check fitment or replace fuel filter

Leaking oil filter/housing



Possible cause:

- Incorrect fitting
- Oil filter seal

Solution:

- Check fitment or replace oil filter
- Tighten or replace oil filter

Worn camshaft



Possible cause:
Residual debris in oil galleries

Solution:
Flush oil galleries and replace oil filter, air filter

Fogged windows and reduced visibility



Possible cause:
A dirty cabin filter reduces the performance of the A/C system

Solution:
Replace the cabin filter


Low oil pressure



Possible cause:
Dirty oil + filter

Solution:
Replace oil & filter, flush oil galleries


Surging or misfiring



Possible cause:
Fuel filter clogged

Solution:
Replace fuel filter


Scored bearing backs



Possible cause:
Foreign material entering via air intake

Solution:
Replace oil and air filters, flush oil galleries

Loss of power



Possible cause:

- Fuel filter clogged
- Dirty air filter

Solution:

- Replace fuel filter
- Replace air filter
- Flush oil galleries, replace oil filter

