

CLEAN TO THE CORE



www.championautoparts.eu

FILTER TROUBLE TRACER CHART

Black exhaust smoke



Possible cause: Dirty air filter Solution: Replace air filter

Abrasive wear to engine components

Ingress of dirt via a broken hose, the lubrication system

blocked filter or residual debris within Solution: Flush engine to remove any remaining

debris and replace oil, air and fuel filters

Leaking fuel filter/housing



Petrol in diesel from mis-fueling Solution: Replace/repair injectors, pump, clean fuel system, replace fuel filter

Possible cause:



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

Possible cause:

Dirty air filter



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

Hesitation 200

Replace air filter

• Drain fuel tank,

replace fuel filter

• Replace fuel filter

• Dirty air filter

- Water in petrol
- Fuel filter clogged



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

Flush oil galleries and replace oil filter,

Fogged windows and reduced visibility



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

Replace the cabin filter

Low oil pressure



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



Foreign material entering via air intake Solution: Replace oil and air filters, flush oil

Loss of power



Possible cause:

- Fuel filter clogged • Dirty air filter
- Solution:
- Replace fuel filter • Replace air filter
- Flush oil galleries, replace oil filter

Irritation (eyes, airways) and allergic reactions



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

Solution: Replace the cabin filter

All the listed problems above are linked to filter issues. Other causes may be at the origin of these problems too.



Possible cause: