



DIESEL FILTER RE-CHARGE KIT

The Solution

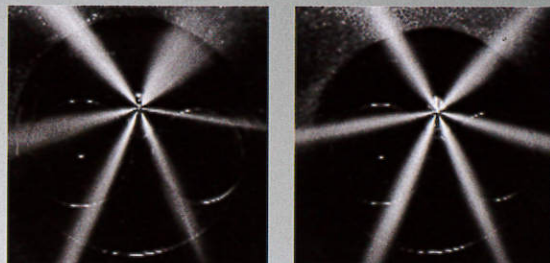
Engineered to meet the vehicle needs of yesterday, today and tomorrow, the **Wynn's® Diesel Filter RE-CHARGE Kit** is the ultimate diesel fuel system cleaner. This kit includes two highly concentrated and highly effective products specifically formulated for cleaning diesel fuel systems, and preventing issues from arising.

Wynn's® Diesel Filter RE-CHARGE is the innovative solution for diesel fuel systems that are difficult to connect service equipment to in order to remove injector and combustion chamber deposits. The formula is proven to effectively eliminate and prevent internal diesel injector deposits (IDID) and nozzle deposits in today's modern diesel engine.

Extensively trialled in both the XUD-9 and new DW10 tests, the performance of this deposit control additive is best in its class. In the field, it has proven to restore proper injector spray patterns and combustion efficiency, resulting in overall increased power, maximised fuel economy and reduced emissions.

Wynn's® Diesel Inject-A-Clean starts its work at the tank. The biocide in this product acts as a treatment to eliminate bacteria in the fuel and prevent diesel bug from growing. Flowing from the tank to the engine, this additive further cleans the common rails and injectors, ensuring all components are thoroughly treated.

The Wynn's® Diesel RE-CHARGE Kit used in conjunction with Wynn's® Diesel EGR 4 is the ultimate fuel system cleaner kit for diesel engines.



Diesel fuel injector spray pattern before Wynn's treatment (left), and after (right).



Product #: 10382

Features & Benefits

- Remove diesel injector deposits
- Maximise fuel economy
- Improves acceleration
- Easy starting
- B10 Compatible
- Prevents 'diesel bug'
- Unparalleled 'One Treatment' Deposit Removal Performance
- Cleans injectors & restores proper injector spray pattern
- Reduce emissions and exhaust particulates
- Outstanding performance in both the XUD-9 test and the most recent DW10 test
- Compensates for lack of lubricity in low sulphur fuels
- Safe to use with oxygen sensors, DPF and other emission controls

www.wynnspro.com.au

www.wynnspro.co.nz

Ask about our other **Wynn's® Services**



Fuel



Power Steering



Transmission



Aircon



Cooling



Oil



PROFESSIONAL SERVICE PROGRAMS



DIESEL FILTER RE-CHARGE KIT

The Problem

Modern high pressure and common rail diesel fuel systems can be difficult to locate and connect service equipment to, taking up valuable labour charge out time.

Due to the location of injectors in modern diesel engines, they are especially prone to hard deposits because of the high temperatures they are exposed to during combustion.

These deposits are comprised of built up residue from the burnt diesel fuel. The deposits can build up and harden in the injectors and combustion chamber, significantly affecting the performance and efficiency of the engine.

Deposits created on the tip of diesel injectors can cause injector fouling or interruption of the normal fuel spray pattern. This can result in poor performance, decreased fuel economy and increased emissions.

Symptoms:

- Loss of power
- Increased fuel consumption
- Poor acceleration
- Higher exhaust emissions
- Hard starting
- Clogged fuel filter
- Irregular idle

Diesel Injector Deposits

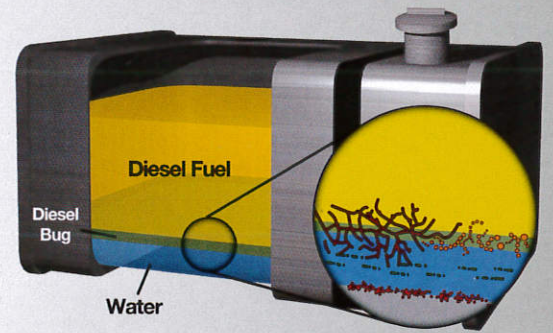
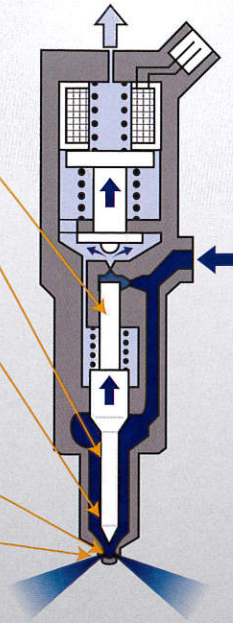
Internal Diesel Injector Deposits (IDID)

- Control valve plunger
- Needle guide
- Above the needle seat

Cause of significant performance problems

'Conventional' Deposits

- Deposits inside spray channel reduce the hydraulic flow leading to a loss of power
- Injector tip deposits adversely affect the fuel spray leading to increased emissions and fuel consumption



Another common problem is when water / condensation contaminates diesel, the water sits on the bottom of the tank and the layer formed between them creates an environment that promotes the growth of microorganisms commonly known as diesel bug.

This can enter the fuel lines, clogging up the fuel filter and ultimately restricting the supply of diesel to the motor.

www.wynnspro.com.au

www.wynnspro.co.nz

Ask about our other **Wynn's** Services



Fuel



Power Steering



Transmission



Aircon



Cooling



Oil



PROFESSIONAL SERVICE PROGRAMS