

FLASHLUBE PRODUCT CATALOGUE



Welcome to the full range of Flashlube automotive products, including additives, high quality greases, lubrication systems and diesel preventative maintenance solutions, with vehicle specific fitting kits.

Flashlube products are made in Australia to the highest standards, employ the latest technology and deliver quality designed to exceed expectations.



LOVE YOUR DIESEL AND THE PLANET



Flashlube AdBlue® is a Diesel Exhaust Fluid solution made up 32.5% urea in demineralised water, and works to directly benefit the environment by reducing the harmful nitrogen oxide (NOx) emissions released into the atmosphere by diesel fuel, by up to 90%.

Added to the dedicated AdBlue® tank present in vehicles with Selective Catalytic Reduction (SCR) technology, Flashlube AdBlue® is released into the exhaust pipe in a measured dose, converting NOx gases into harmless nitrogen and water molecules, before being released as steam from the tail pipe, significantly reducing the NOx particles entering the atmosphere through exhaust emission.

Flashlube AdBlue® is available in 1, 5 and 20 litre bottles.

For more information, visit flashlube.com



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VALVE SAVER FLUID

Flashlube Valve Saver fluid offers protection against Valve Seat recession.

APPLICATIONS:

- Add specified dose directly into fuel tank
- 1ml of Valve Saver fluid to 1 litre of fuel

BENEFITS:

- Protects valves & valve seats
- Lubricates upper cylinder
- Reduces harmful emissions
- Cleans injectors
- Cleans fuel system
- Increases fuel economy
- Increases engine life
- Will not harm sensors or catalytic convertors



Part No	Description
FV50MX20B	50ml Valve Saver Fluid (20)
FV250M	250ml Valve Saver
FV500M	500ml Valve Saver
FV1L	1L Valve Saver
FV2.5L	2.5L Valve Saver
FV5L	5L Valve Saver
FV20L	20L Valve Saver & Tap

DIESEL CONDITIONER

Flashlube Diesel Conditioner helps break down the build up of soot and carbon, while maintaining a cleaner running engine.

APPLICATIONS:

- Add specified dose directly into fuel tank
- 1ml of Diesel Conditioner to 1 litre of diesel

BENEFITS:

- Reduces diesel smoke
- Reduces harmful emissions
- Breaks down carbon build up
- Maintain a cleaner EGR, DPF and sensors from carbon build up
- Increases fuel economy
- Protects against corrosion & formation of carbon deposits



Part No	Description
FD50MX20B	50ml Diesel Conditioner (20)
FD250M	250ml Diesel Conditioner
FD500M	500ml Diesel Conditioner
FD1L	1L Diesel Conditioner
FD5L	5L Diesel Conditioner
FD20L	20L Diesel Conditioner



INJECTOR CLEANER

Flashlube Injector Cleaner increases the life of fuel injectors by preventing the build-up of contaminants on the injector nozzles.

APPLICATIONS:

- Add specified dose directly into fuel tank
- 1ml of Injector Cleaner fluid to 1 litre of fuel

BENEFITS:

- Cleans fuel systems
- Reduces harmful emissions
- Improves performance
- Smoother running engine
- Increases fuel economy
- Protects against corrosion
- Improves hard starting



Part No	Description
FI50MX20B	50ml Injector Cleaner (20)
FI250M	250ml Injector Cleaner
FI1L	1L Injector Cleaner

GDI INJECTOR CLEANER

Flashlube GDI Injector Cleaner helps disperse heat and increase the life of fuel injectors, while protecting and controlling contaminant build up on injector nozzles.

APPLICATIONS:

- Add 2ml of GDI Injector Cleaner per litre of fuel directly into the fuel tank

BENEFITS:

- Cleans injectors & fuel systems
- Extends injector life
- Reduces heat
- Improves fuel economy

- Improved lubrication for injectors, pumps and upper cylinder area
- Improves performance
- Improves hard starting
- Reduces harmful emissions
- Extends engine life
- Safe on sensors
- Protects against corrosion
- Smoother running engine



Part No	Description
FGDI250M	250ml Gas Direct Injector Cleaner
FGDI500M	500ml Gas Direct Injector Cleaner
FGDI1L	1L Gas Direct Injector Cleaner
FGDI5L	5L Gas Direct Injector Cleaner



WINTER FORMULA

Flashlube Winter Fuel Formula prevents wax in diesel fuel from freezing and causing fuel blockages and breakdowns during the severe winter months.

To ensure best results, start using Flashlube Winter Fuel Formula a week prior to travelling into alpine areas, as this allows the formula to travel around all fuel components and deliver maximum protection.

APPLICATIONS:

- Add required dose directly into fuel tank
- 2ml per 1 litre of diesel fuel and keep using every fill until returned home

BENEFITS:

- Improves cold diesel flow
- Prevents gelling
- Controls moisture formation
- Fights fuel line freeze
- Reduces misfire
- Suitable for bio diesel fuels
- Suitable for low sulphur diesel
- Improves thermal stability



Part No	Description
FW250M	250ml Winter Fuel Formula
FW500M	500ml Winter Fuel Formula
FW1L	1L Winter Fuel Formula
FW5L	5L Winter Fuel Formula
FW20L	20L Winter Fuel Formula

HEAVY DUTY OIL STABILISER

Flashlube Heavy Duty Oil Stabiliser is an anti-wear formula that offers maximum engine protection against dry starting to new and worn engines. Its viscosity has been formulated to blend with all mineral and synthetic oils while maintaining temperature rating of specified engine oils.

APPLICATIONS:

- New engine add 20-25% & worn engine add 25-30%
- Gearboxes & differentials add 20% oil stabiliser

BENEFITS:

- Increases engine lubricity
- Reduces oil consumption
- Reduces smoke
- Reduces engine knocking
- Protects manual gearbox & differential bearings
- Raises oil pressure
- Protects against corrosion
- Lubricate piston cylinder & rings
- Reduces oil leaks
- Reduces heat & noise

Not suitable for DPF



Part No	Description
FS500M	500ml Heavy Duty Oil Stabiliser
FS1L	1L Heavy Duty Oil Stabiliser
FS5L	5L Heavy Duty Oil Stabiliser
FS20L	20L Heavy Duty Oil Stabiliser & Tap



BRAKE FLUIDS

DOT 3 BRAKE FLUID

Flashlube DOT3 Brake Fluid is developed using polyglycol fluids, which deliver the correct braking requirements in specified applications.



APPLICATIONS:

- Automotive, Commercial
- Motorcycles, ATV, Quad Bikes
- Hydraulic Clutch systems

BENEFITS:

- Prevents corrosion
- Safe & lubricates rubber components
- Meets OE application & specification

Available in sizes: 500ml, 5 litre and 20 litre.

Part No	Description
FBF500M3	Brake Fluid 500ml DOT 3
FBF5L3	Brake Fluid 5L DOT 3
FBF20L3	Brake Fluid 20L DOT 3

DOT 4 BRAKE FLUID

Flashlube DOT4 Brake Fluid is developed using polyglycol fluids, which deliver the correct braking requirements in specified applications.



APPLICATIONS:

- Automotive, Commercial
- Motorcycles, ATV, Quad Bikes
- Hydraulic Clutch systems

BENEFITS:

- Lower water absorption
- Higher boiling point (>260°C)
- Compatible with DOT3
- Prevents corrosion
- Safe & lubricates rubber components
- Improves response to traction control and ABS vehicles
- Meets OE application & specification

Note: Not suitable for silicone based DOT5 Brake Fluid.

Available in sizes: 500ml, 5 litre and 20 litre.

Part No	Description
FBF500M4	Brake Fluid 500ml DOT 4
FBF5L4	Brake Fluid 5L DOT 4
FBF20L4	Brake Fluid 20L DOT 4

HIGH TEMPERATURE GREASE

Flashlube High Temperature Grease suits a wide range of automotive, commercial, marine and industrial uses.

APPLICATIONS:

- Wheel bearings
- Chassis lubrication
- Equipment operating under severe conditions
- Continuous heavy loads & shock conditions

BENEFITS:

- Protects metallic surfaces from corrosion
- Resistant to oxidation
- Excellent pumping capacity even at low temperatures
- Maintains consistency while operating under heavy loads and stress



Part No	Description
FHT	High Temperature Tub 450g
FHC400	High Temperature Cartridge 400g
FHC	High Temperature Cartridge 450g
FH2.5K	High Temperature 2.5kg
FH20K	High Temperature 20kg



MOLY GREASE

Flashlube Moly Grease suits a wide range of automotive and commercial uses.

APPLICATIONS:

- CV joints
- High load chassis lubrication pivots
- Turntable pivot points
- Controls and drive lines
- Agricultural machinery & industrial equipment

BENEFITS:

- Excellent anti wear formula
- Excellent protection to corrosion
- High resistance to oxidation
- Consistent when operating under heavy loads and stress



Part No	Description
FCVT	Moly Grease Tub 450g
FCVC400	Moly Grease Cartridge 400g
FCVC	Moly Grease Cartridge 450g
FCV2.5K	Moly Grease 2.5kg
FCV20K	Moly Grease 20kg

COOLANT CONCENTRATE

Flashlube 100% OEM Concentrate Coolant delivers the required anti-freeze, anti-boil and corrosion protection for petrol, diesel and hybrid applications, while using Organic Additive Technology (OAT) and meet all Australian, European, Asia & USA vehicle requirements.

APPLICATIONS:

- Check cooling system for any leaks or corrosion deposit
- Flush cooling system of all previous coolant and contaminants
- Always use the same coolant for topping up cooling system
- Mix **CONCENTRATE** Coolant with distilled water at a 1:1 ratio

BENEFITS:

- Safe to use with OE coolants (*ensure colour compatibility*)
- Safe for all cooling system components (*rubber, aluminium, metals*)
- Suitable for petrol, light & heavy duty diesel engines
- Maintains cooling system temperature and won't break down
- Compliant with AS/NZS 21081:2004 Type A, GM6277M, Toyota TSK2601G specifications, Holden, Ford, Toyota, Nissan, Audi, VW, Jeep, Chrysler, Isuzu, Daihatsu cars/trucks

Note: Allow cooling system to cool down before attempting any works.



Part No	Description
FLCC1L	1L Coolant Concentrate
FLCC5L	5L Coolant Concentrate
FLCC20L	20L Coolant Concentrate



COOLANT PREMIX

Flashlube 100% OEM Premix Coolant delivers the required anti-freeze, anti-boil and corrosion protection for petrol, diesel and hybrid applications, while using Organic Additive Technology (OAT) and meet all Australian, European, Asia & USA vehicle requirements.

APPLICATIONS:

- Check cooling system for any leaks or corrosion deposit
- Flush cooling system of all previous coolant and contaminants
- Always use the same coolant for topping up cooling system
- Add **PREMIX** Coolant directly into the radiator (Do not add water)

BENEFITS:

- Safe to use with OE coolants (*ensure colour compatibility*)
- Safe for all cooling system components (*rubber, aluminium, metals*)
- Suitable for petrol, light & heavy duty diesel engines
- Maintains cooling system temperature and won't break down
- Compliant with AS/NZS 21081:2004 Type A, GM6277M, Toyota TSK2601G specifications, Holden, Ford, Toyota, Nissan, Audi, VW, Jeep, Chrysler, Isuzu, Daihatsu cars/trucks

Note: Allow cooling system to cool down before attempting any works.



Part No	Description
FLPC1L	1L Coolant Premix
FLPC5L	5L Coolant Premix
FLPC20L	20L Coolant Premix

BEAT THE HEAT WITH FLASHLUBE



Keeps things cool with Flashlube Premix and Concentrate Radiator Coolants. OE manufactured and available in 1L, 5L and 20L bottles, Flashlube coolants protect all cooling system metal surfaces from corrosion and are compatible with all internal plastics, heater taps, rubber seals and fittings.

Suitable for both petrol and diesel engines, they're designed to deliver the required dose of anti-freeze, anti-boil and corrosion protection, and will maintain the overall temperature of the cooling system to protect from overheating and keep the engine running smoothly.

Flashlube coolants are safe to mix with Type A, colour compatible OE Coolants and are best diluted at a ratio of 1:1 or 50% with Flashlube Distilled Water for optimum performance, corrosion and contaminant protection.

Flashlube Premix Coolant comes pre-diluted and requires no further additives before treatment of the radiator.

For more information visit [**flashlube.com**](http://flashlube.com)



DISTILLED WATER

Distilled Water uses a filtration system that eliminates any contaminants/impurities that would have a negative effect on components and metals.

APPLICATIONS:

Cooling System:

Refer to vehicle manufacture for cooling system capacity and mix required Coolant Concentrate with Distilled Water.

Battery Maintenance:

Remove battery caps, identify top up line and add distilled water. Fill to line.

BENEFITS:

- No chemicals, odourless
- Endless uses, automotive, home, medical
- Safe to use with engine coolants
- Extends battery acid life
- Reduces scale formation on metals

Note: Always disconnect battery from charging station and always avoid breathing gases emitted from battery.



Part No	Description
FDW1L	1L Distilled Water
FDW5L	5L Distilled Water
FDW20L	20L Distilled Water

A/C COMPRESSOR OIL

Flashlube PAO68 A/C Compressor Oil, is a fully synthetic lubricant oil that performs extremely well in both high and low temperatures.

It is non-hygroscopic, resistant to oxidation and is suitable for use with all refrigerants.

PAO oil is used in automotive applications for A/C Compressor.

APPLICATIONS:

- Suitable for use with all types of refrigerants
- Applicable for electric and hybrid vehicles
- Compatible with all other lubricants

BENEFITS:

- Non-hygroscopic
- Low volatility and pour point
- Fully synthetic lubricants
- Reduces compressor noise levels and energy use
- Minimal oil carryover
- High-temperature viscosity retention
- High degree of oxidation resistance
- High-quality, environmentally sound refrigerant oil
- Extends equipment life and increases efficiency



Part No	Description
FPA068500	A/C Compressor Oil PA068 with UV dye 500ml
FPA0681	A/C Compressor Oil PA068 with UV dye 1L
FPA0685	A/C Compressor Oil PA068 with UV dye 5L



AdBlue®, also referred to as Diesel Exhaust Fluid (DEF), is used in the reduction of nitrogen oxides (NOx) in diesel vehicles with selective catalytic reduction (SCR) technology, converting NOx nitrogen oxide into nitrogen and water.

APPLICATIONS:

Only for vehicles with selective catalytic reduction (SCR) technology.

Do not add to fuel tank.

Look for the AdBlue® filler on your vehicle, situated beside the diesel filler cap.



BENEFITS:

- Reduces harmful NOx emissions
- Meets Euro IV, V and VI standards
- Odourless and non-toxic formulation
- Cleaner air

Note: If poured into fuel tank, do not start engine and have fuel tank drained.



Part No	Description
FAB1L	1L AdBlue
FAB5L	5L AdBlue
FAB20L	20L AdBlue

SILICONE OIL

Silicone Oil has many uses and with its high temperature resistance, thermal stability and high viscosity, it is an ideal lubricating oil that can be applied either in spray, liquid, gel or stick bar form.

Used in manufacturing of engine components, gaskets, transmission assembly, viscous fan clutches, as well as in the development of cosmetic, pharmaceutical, textile and medical supplies.

APPLICATIONS:

- Hydraulic and damping fluids for automotive, commercial, marine & industrial
- Ideal for sliding and rotating components such as metal, plastic, rubber, hinges & locks
- Cleaning of automotive or electrical components/appliances
- Mould release agent for casting

BENEFITS:

- High resistance against heat and oxidation
- Thermal stability and high viscosity
- Non-toxic & non-corrosive
- Cleaning with silicone oil cloth attracts dust
- Friction quality ideal for slide components



Part No	Description
FLSLVH	Silicone Fluid 18ml



FLUID DISPENSER KITS

Flashlube's range of dispenser kits makes adding of Valve Saver fluid clean and easy with right dosage delivered at the required intervals.

VALVE SAVER LUBRICATION SYSTEM

Pt No: FVSK

- Original cylinder designed
- Vacuum operated
- Brass control valve



VALVE SAVER KIT SERIES 2

Pt No: FVSK2

- Rectangular designed
- Vacuum operated unit
- Brass adjusting valve
- Low level fluid sensor with warning light



ADDITIVES FAQ

Q: Do additives work?

A: Yes. All additives have a purpose

Q: Are additives safe?

A: Best advice is to always check specifications

- Words like octane, cetane or corrosive can have a negative effect on engine components
- Octane and cetane are known to increase combustion heat in engines
- The rise of heat will cause the ECU, temperature/oxygen sensors and heat sensitive sensors to compensate for the rise in engine temperature and this can lead to increased fuel usage, stress to cooling & electrical/engine components
- Corrosive material speaks for itself and is best to avoid at all costs

Q: How do you get the best results from additives?

A: Just like taking medicine, additives need to work through the engine to deliver the best outcome (might be instant, an hour or a day)

Q: Do additives actually repair my car?

A: No. Additives are not a mechanic in a can and you should regularly have your vehicle checked by a qualified professional

Q: Are greases all the same?

A: No. Grease requirements are driven by operating temperature and viscosity required for the application (Automotive, Commercial, Industrial, Marine)

Q: Can you drink distilled water?

A: Even though distilled water is safe to drink, the process involves removing all impurities and minerals from the water

Calcium and magnesium found in tap water is removed in distilled water and your body will be looking at replacing these minerals

Supplement or plenty of veggies and fruits will replace these minerals

Always clarify with your doctor if not sure.

Q: Is AdBlue® blue in colour?

A: No, it is clear in colour

Q: Does AdBlue® go in my fuel tank?

A: No, it has a separate tank

Q: What happens if I add AdBlue® to the fuel tank?

A: **DO NOT START VEHICLE** and have the fuel tank drained immediately

Q: My car doesn't have a dedicated AdBlue® tank, can I still add AdBlue® to my vehicle?

A: No, only diesel vehicles that are specified to use AdBlue® and fitted with Selective Catalytic Reduction (SCR) technology can use AdBlue®

Q: What happens if you mix coolant colours?

A: Avoid mixing coolants colours, as it can alter the product specifications and give you a very awkward visual effect in your cooling system

Green and Red will give you Brown muddy look of contamination

Q: Is Silicone oil the same as Silicone spray?

A: The obvious different is the viscosity of the product, as the oil flows freely and the spray is more of a solid/tacky solution.

Q: Can I use Silicone Oil for the same application as Silicone Spray?

A: The outcome would be the same, but using the oil in a vertical application would spread and be runny.

Q: Does Brake fluid go off?

A: Yes, Once the bottle is open and exposed to the atmosphere it has the tendency to absorb moisture and this in turn can dilute the brake fluid and alter the boiling point specification due to moisture/water.

Q: Can I mix brake fluids?

A: No, brake fluids should never be mixed, but using a higher DOT to lower is common.

Don't ever mix Silicone Brake Fluid.

Q: Is brake fluid dangerous?

A: If spillage occurs wash thoroughly the effected area with fresh or soapy water, as it can damage paint work and clothing.

Q: Do I need to fully drain Compressor Oil?

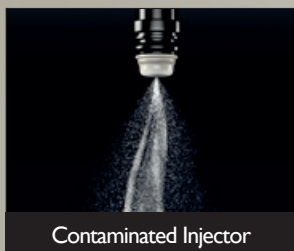
A: It's always better to remove all oil, but PA068 can be used to top up oil levels, as it's compatible & safe to mix with all refrigerants.



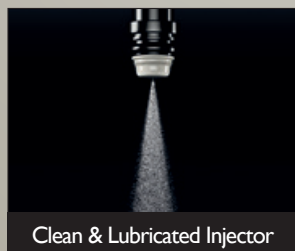
DON'T LET DIRTY DIESEL RUIN YOUR 4WD.



Common Rail Diesel Systems can be incredibly efficient, however they are also intolerant to water and dirt particles that can result in costly engine repair. To help protect your engine from this damage, fit a Flashlube Diesel Filter and to ensure such a high pressured fuel system is kept clean & lubricated, always use Flashlube Common Rail Diesel Conditioner. For more information visit flashlube.com



Contaminated Injector



Clean & Lubricated Injector



Carbon Build-up



Clean Valve



DIESEL FILTER

The Flashlube Diesel Water Separator Filter's primary function is to prevent water from entering into the engine via the fuel system and causing engine component damage.

Designed and manufactured using a chemically treated paper media, it filters, repels and separates up to 95% of water out of the diesel fuel system, while collecting it into a visual and easy inspection draining bowl.

APPLICATIONS:

- Used in conjunction with the original fuel filter
- Designed to be used as a in-line primary filter
- Suits all common and non common rail diesel engines
- Safe to use on new cars

BENEFITS:

- Prevents water and dirt contamination from reaching fuel system
- Prevents costly damage to injectors, pumps, filters etc
- No interference to OE fuel system
- Easy inspection with collection bowl
- Easy to clean and drain
- Universal install, with vehicle specific fitting kits available

Part No	Description
FDF	Diesel Water Separator Filter Assembly all diesel. Images displayed above.
FDF3.6	Element 3.6 30mic
FDF3.6F	Element 3.6 5mic
FLVWS01	Water Sensor Kit with warning light
29578	Hand Primer Kit
30448	Water Bowl Seals x 4
29899	Inspection Water Bowl
32003	Drain Plug
29575	FDF 150mic Strainer
28869	FDF Primer Cap Seal
28691	FDF Bleeder Air Vent Plug
13494	FDF Bleeder O-ring
30446P	FDF Heater Top Load
32283P	FDF Heater Side Load

Diesel Water Separator Filter Assembly



- Replacement Filter Elements available:
Element 3.6 – 30 micron
Element 3.6F – 5 micron



- Replacement Inspection Bowl

- Hand Primer



- Seal Kit



- Drain Plug



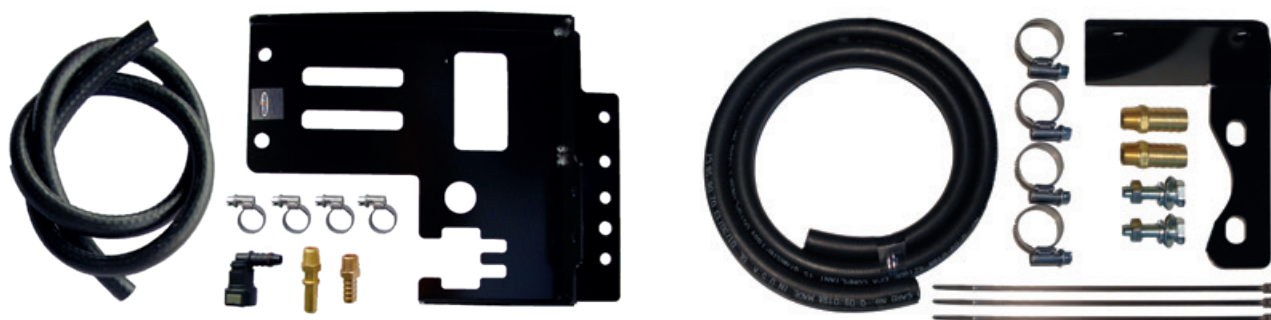
- Water Sensor Kit



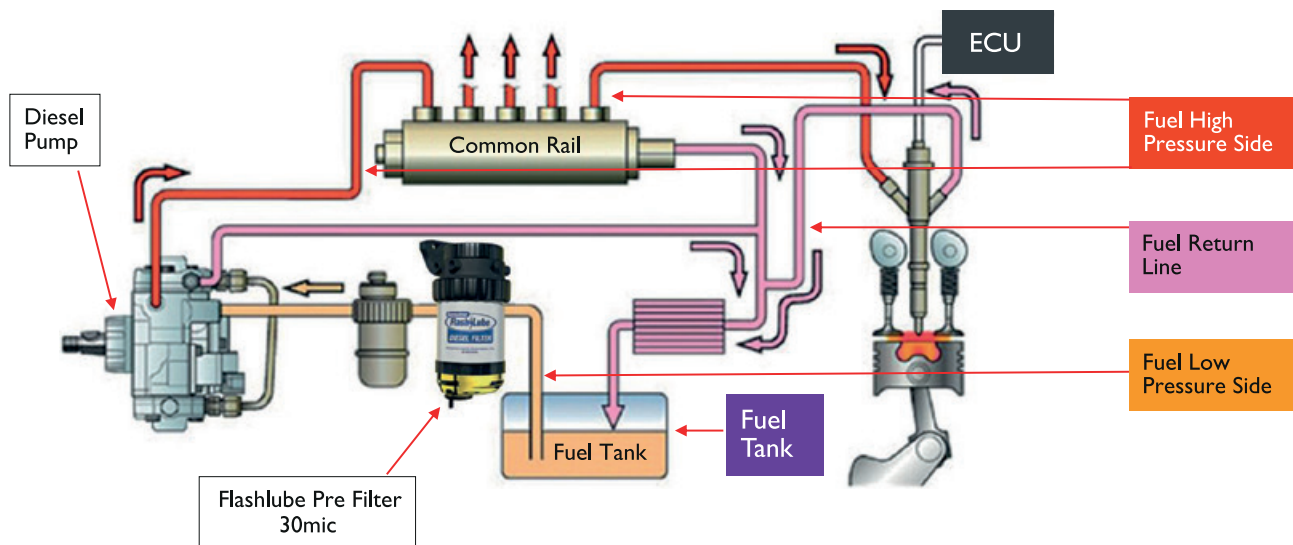
DIESEL FILTER BRACKET KITS

MAKE	MODEL	APPLICATION	YEAR	KIT NO
All	All	Universal Bracket Right Angle	All	FLBKT01
All	All	Universal Bracket Flat Mount	All	FLBKT02
Ford	Ranger	PJ, PK, WEAT, 3.0L	2006-08/11	FLBKT06
Ford	Ranger	PX1, 2, 3 P4AT, 2.2L, P5AT, 3.2L	10/2011-	FLBKT07
Ford	Raptor	PX3, YN2S, I4, 2.0L, Bi-Turbo	08/2018-	FLBKT37
Holden	Colorado	RC, 4JJ1T, 3.0L	07/08-04/12	FLBKT09
Holden	Colorado	RG, LWH, I4, 2.8L	05/2012-	FLBKT10
Isuzu	D-Max	TFS85, 4JJ1T, 3.0L	10/08-05/12	FLBKT09
Isuzu	D-Max	TFS85, 4JJ1TC, 3.0L, 130KW	07/2012- 2016	FLBKT11
Isuzu	D-Max	TFR, TFS85, 86 DT4 3.0L Auto/Manual (Orange Intercooler Hose)	02/17-22/04/21	FLBKT19
Isuzu	D-Max	TFS40 4JJ3TCX 3.0L	8/2020-	FLBKT38
Isuzu	MU-X	UCR85, UCS85 4JJ1TC, 3.0L, 130KW	07/2012- 2016	FLBKT11
Isuzu	MU-X	UCR, UCS85 DT4 3.0L Auto/Manual (Orange Intercooler Hose)	02/2017-2019	FLBKT19
Isuzu	MU-X	TFS40 4JJ3TCX 3.0L	8/2020-	FLBKT38
Mazda	BT50	B3000, WEAT, 3.0L	2006-08/11	FLBKT06
Mazda	BT50	P4AT, 2.2L, P5AT, 3.2L	10/2011-	FLBKT07
Mazda	BT50	TFS40 4JJ3TCX 3.0L	8/2020-	FLBKT38
Mitsubishi	Pajero	NS, NT, NW, 4M41, 3.2L, Single Battery	2006-	FLBKT26
Mitsubishi	Pajero	NS, NT, NW, 4M41, 3.2L, Dual battery	2006-	FLBKT13
Mitsubishi	Triton	ml, MN, 4D56, 2.5L	2006-	FLBKT14
Mitsubishi	Triton	MQ, MR 4N15, 2.4L	2015-2021	FLBKT18
Nissan	Navara	D22, YD25T, 2.5L, Single Battery	01/2008-	FLBKT17
Nissan	Navara	D22, YD25T, 2.5L, Dual Battery	02/2008-	FLBKT27
Nissan	Navara	D40M, YD25T, 2.5L, Spain Built, Manual	2006- 2015	FLBKT05
Nissan	Navara	D40T, YD25T, 2.5L, Thailand Built, Manual/Auto	2006- 2015	FLBKT25
Nissan	Navara	D40M, STX550, V9XT, 3.0L, V6	10/2010-	FLBKT08
Nissan	Navara	NP300, D23, YS23DDT, 2.3L	05/2015-	FLBKT30
Nissan	Patrol	GU, ZD30DTI, 3.0L, Common Rail, w/o ABS	09/2007-	FLBKT12
Toyota	Fortuner	GUN156, 1GDFTV, 2.8L	05/2015-	FLBKT29
Toyota	Hilux	KUN26, 1KDFTV, 3.0L	04/05-05/15	FLBKT23
Toyota	Hilux	GUN126, 136, 1GDFTV, 2.8L	05/2015-	FLBKT29
Toyota	Landcruiser	HDJ100, 1HDT, 1HDFT 1HDFTE, 4.2L, Turbo	10/2002-	FLBKT16
Toyota	Landcruiser	HZ105, 1HZ, 4.2L, Non Turbo, with Vacuum Brake Res.	1998-	FLBKT16BV
Toyota	Landcruiser	HZ105, 1HZ, 4.2L, Non Turbo, w/o Vacuum Brake Res.	1998-	FLBKT16NT
Toyota	Landcruiser	VDJ7# Series, 1VDFTV, 4.5L, V8, Dual Battery	01/2007-	FLBKT20
Toyota	Landcruiser	VDJ200, 1VDFTV, 4.5L, (Fits single & dual battery, fits beside brake master cylinder)	09/2007-	FLBKT22
Toyota	Landcruiser	LC300 3.3L V6 Twin Turbo Diesel 227KW	2022-	FLBKT44
Toyota	Prado	KDJ120, 150, 1KDFTV, 3.0L	09/02-12/13	FLBKT03
Toyota	Prado	KDJ150, 1KDFTV, 3.0L Facelift	12/13- 2015	FLBKT21
Toyota	Prado	GDJ150, 1GDFTV, 2.8L	12/2013-	FLBKT21
Volkswagen	Amarok	120, 130kW	2012-2015	FLBKT15

Visit flashlube.com.au for up to date kit listings.



DIESEL FILTER



1. Fuel from tank passes into FDF and then via the OE filter, by means of a prime or suction pump. **FLPS**
2. Once through the filter/filters, the high pressure fuel pump delivers fuel to the injector rail & injectors. **FHPS**
3. Excessive fuel returns via return line back to the fuel tank and starts the process again. **FRLS**
4. Circulation of fuel helps disperses heat. **FT**

FEATURES:

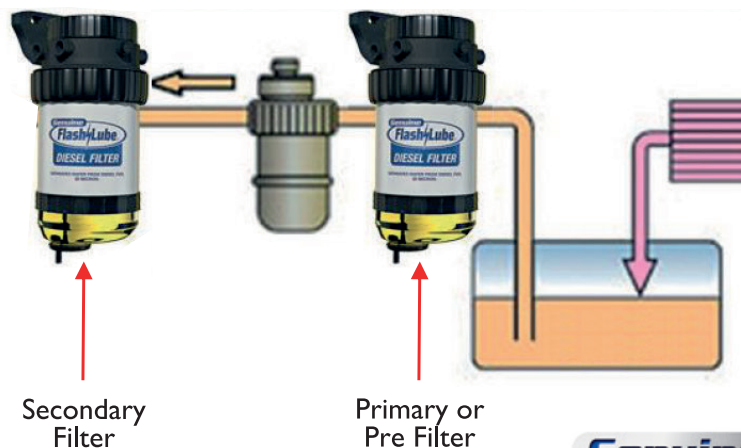
- Primary filter
- Element 30 micron
- Primary pump feature
- Poly bowl
- Water valve
- Bleeder air vent plug
- Opposing inlet outlet ports
- Plus 2 brass blanking plugs

SPECIFICATIONS:

- Engine Power Rating: 37-261kW
- Max Fuel Flow: 300 L/hr
- Max Operating Pressure: 400kpa (60PSI)
- Up to 95% water separation efficiency

Difference between Primary & Secondary installation.

- Primary or Pre Filter is prior to the OE Filter.
- Secondary Filter is after the OE Filter.



FAQ:

Q: Why is a Pre Filter recommended?

A: Helps in the prevention of water contamination and dirt entering the fuel system and causing major damage.
(OE filter, injectors, injector rail)

Q: How efficient is the Pre Filter?

A: Flashlube Diesel Water Separator Filter is rated to prevent up to 95% of water entering and contaminating the fuel system.

Q: Does fitting a Pre Filter void warranty?

A: Fitting a Pre Filter does not cause any changes to the OE fuel system and does not interfere with new car warranty.

Q: Why is the Pre Filter 30 micron?

A: This is the ideal micron flow that allows water and diesel fuel to separate.

Q: Is there an alarm on the Flashlube Water Separator unit?

A: A separate water warning alarm kit is available to suit the Flashlube unit.

Q: Do you only recommend primary install instead of secondary filter?

A: A secondary filter does work when fitted with a smaller element to the OE filter micron.
Care needs to be taken as to avoid any restriction or interfere with functionality of the OE filter.

DON'T LET CARBON BUILD-UP DAMAGE YOUR ENGINE.



Part No. FCC
Element Part No. FCCE

FITTING KITS ARE NOW AVAILABLE.

Introducing the new **CATCH CAN PRO** from Flashlube, the answer to carbon build-up in modern engines.

Due to environmental laws, modern engines are designed to ensure oil mist (blow by) is not released into the atmosphere but circulated into the combustion chamber.

The by-product of such a design can be a gradual build-up of this oil turned hard carbon, around walls of the EGR valve, inlet manifold, turbo bearings and intercooler resulting in a severe loss of power, efficiency and possible engine damage.

The **FLASHLUBE CATCH CAN PRO** prevents this carbon build-up from occurring by safely filtering out the oil mist.

Manufactured in Germany under licence, this innovative product is designed with unique safety valves to ensure its installation will not over pressurise the engine.

Its 19mm ports and compact size, at 146mm high x 116mm wide x 137mm deep, ensure easy installation and its integral filter maximises the collection of oil mist.



Carbon build-up

Clean EGR Valve

CATCH CAN PRO

APPLICATIONS:

- All Common Rail Diesel with Turbo
- Complete assembly
- Replacement agglomerator element
- Drain tap
- Drain hose & clamps

SPECIFICATIONS:

- OE Manufactured & Designed
- Pressure relief valve opening .5psi
- Adjustable top cap position for direction of ports
- Manufactured from high grade OE heat resistant material
- 19mm breather ports
- Cylinder airflow designed
- Multi-Layer agglomerator
- OE German manufactured & designed



BENEFITS:

- Allows the gasses to swirl freely, which assist to help separate the air/oil mist
- 19mm inlet & outlet are adequate to avoid any restriction on airflow
- Inbuilt safety feature prevents restriction & blockages
- A quality filtration element ensures correct separation of the air/oil mist with maximum efficiency, while preventing gases flowing directly back into engine
- Easy draining, cleaning and inspection
- Ensuring quality and high performance design
- Small on space, high on performance

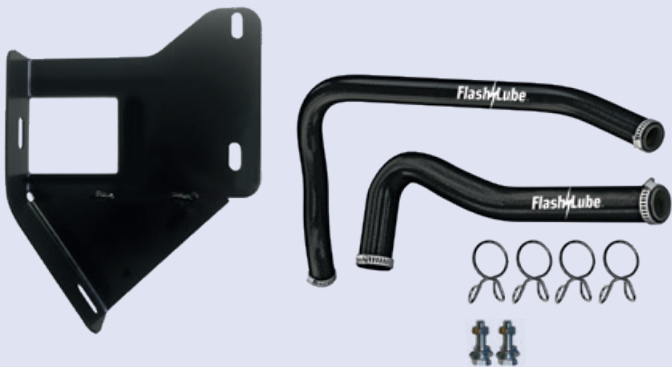
■ Multi-Layer Agglomerator Element



■ Drain Tap



■ Fitting Kits



Part No	Description
FCC	Catch Can Pro Kit
FCCE	Catch Can Pro Element
FLCCTAP	Catch Can Tap FCC-FCC2

CATCH CAN PRO KITS

MAKE	MODEL	APPLICATION	YEAR	KIT NO
Ford	Ranger PX	P4AT 2.2L (Electronic Steering, No Power Steering Reservoir) Not Dual Cab	09/11-	FCCKT07
Ford	Ranger PX-PX2-PX3	P5AT 3.2L (Electronic Steering, No Power Steering Reservoir)	09/11-	FCCKT07
Ford	Ranger PX	P4AT 2.2L (Power Steering Reservoir on Front Panel) Not Dual Cab	09/11-	FCCKT07PS
Ford	Ranger PX-PX2-PX3	P5AT 3.2L (Power Steering Reservoir on Front Panel)	09/11-	FCCKT07PS
Ford	Transit 3	2.0L 250KW	07/18-30/04/21	FCCKT32
Holden	Colorado	RG1,2,3 L4 2.8L Auto/Manual	06/2012-	FCCKT10
Holden	Colorado 7	RG1,2,3 L4 2.8L Auto/Manual	06/2012-	FCCKT10
Holden	Trailblazer	RG1,2,3 L4 2.8L Auto/Manual	06/2012-	FCCKT10
Isuzu	D-Max	TFR,TFS85 4JJ ITC 3.0L (Will not fit 3.0L Prior to 2012 or after 2/17, identified by orange hose)	2012-01/17	FCCKT11
Isuzu	D-Max	TFR,TFS85,86 DT4 3.0L Auto/Manual (Orange Intercooler Hose)	02/17-07/20	FCCKT19
Isuzu	D-Max	TFS40	04/2021-	FCCKT38
Isuzu	MU-X	UCR,UCS85 4JJ ITC 3.0L (Will not fit 3.0L Prior to 2012 or after 2/17, identified by orange hose)	2012-01/17	FCCKT11
Isuzu	MU-X	UCR,UCS85 DT4 3.0L Auto/Manual (Orange Intercooler Hose)	02/17-07/20	FCCKT19
Isuzu	MU-X	TFS40	04/2021-	FCCKT38
Mazda	BT50	P4AT 2.2L (Electronic Steering, No Power Steering Reservoir) Not Dual Cab	10/11-08/20	FCCKT07
Mazda	BT50	P5AT 3.2L (Electronic Steering, No Power Steering Reservoir)	10/11-08/20	FCCKT07
Mazda	BT50	P4AT 2.2L (Power Steering Reservoir on Front Panel) Not Dual Cab	10/11-08/20	FCCKT07PS
Mazda	BT50	P5AT 3.2L (Power Steering Reservoir on Front Panel)	10/11-08/20	FCCKT07PS
Mazda	BT50	TFS40	04/2021-	FCCKT38
Mitsubishi	Challenger	PB,PC 4D56T 2.5L	12/2009-	FCCKT14
Mitsubishi	Pajero	NS,NT,NW,4M4I 3.2L (Will not suit TJM Snorkel)	10/06-2017	FCCKT13
Mitsubishi	Pajero Sport	QE 4N15T 2.4L	01/2015-	FCCKT18
Mitsubishi	Triton	mI 4M4IT 3.2L	2006-2009	FCCKT34
Mitsubishi	Triton	MN 4D56T 2.5L	2009-2015	FCCKT14
Mitsubishi	Triton	MQ,MR 4N15T 2.4L	01/2015-	FCCKT18
Nissan	Navara	D22 YD25T 2.5L (With Intercooler)	01/2008-	FCCKT27
Nissan	Navara	D23 NP300 YS23DDT 2.3L (Will Not Suit Vehicle with Snorkel)	05/2015-	FCCKT30
Nissan	Navara	D40 YD25T 2.5L (Spain, Thailand Built without Air Sensor)	2006-2014	FCCKT05
Nissan	Navara	D40 YD25T 2.5L (Thailand, Spain Built with Air Sensor)-(will not suit Dual hump airbox)	2010-2014	FCCKT25
Nissan	Patrol	GUY6I ZD30DDTI 3.0L (Dual Battery, Breather Centre of Valve Cover, Not Common Rail)	09/2007- 2016	FCCKT12
Toyota	Fortuner	GUN156 IGDFTV 2.8L	07/2015-	FCCKT29
Toyota	Hilux	KUN26 IKDFTV 3.0L (Connects to Breather RETURN on Intake Air Pipe)	2005-	FCCKT36
Toyota	Hilux	KUN26 IKDFTV 3.0L (Without VSC Fitted)	04/05-05/15	FCCKT23
Toyota	Hilux	KUN26 IKDFTV 3.0L (With VSC Fitted)	04/05-05/15	FCCKT23V
Toyota	Hilux	GUN126,136 IGDFTV 2.8L	05/2015-	FCCKT29
Toyota	Landcruiser	HDJ100 IHD-FT IHD-FTE 4.2L 24Valves (Factory Turbo) will not suit vehicles with heater pump	01/1998-	FCCKT35
Toyota	Landcruiser	VDJ7# IVDFTV 4.5L (No Fuse Box Located Between Battery & Radiator)	01/2007-	FCCKT20
Toyota	Landcruiser	VDJ200 IVDFTV 4.5L	09/2007-2019	FCCKT22
Toyota	Landcruiser	VDJ200 IVDFTV 4.5L	09/19-30/10/20	FCCKT33
Toyota	Landcruiser	LC300 3.3L V6 Twin Turbo Diesel 227KW	2022-	FCCKT44
Toyota	Prado	GDJ150 IGDFTV 2.8L	06/2015-	FCCKT28
Toyota	Prado	KDJ120 IKDFTV 3.0L	09/2002-	FCCKT03
Toyota	Prado	KDJ150 IKDFTV 3.0L	08/2009-2015	FCCKT21
Volkswagen	Amarok	I4 16V 2.0L 120-130kW	2010-	FCCKT15

Visit flashlube.com.au for up to date kit listings.



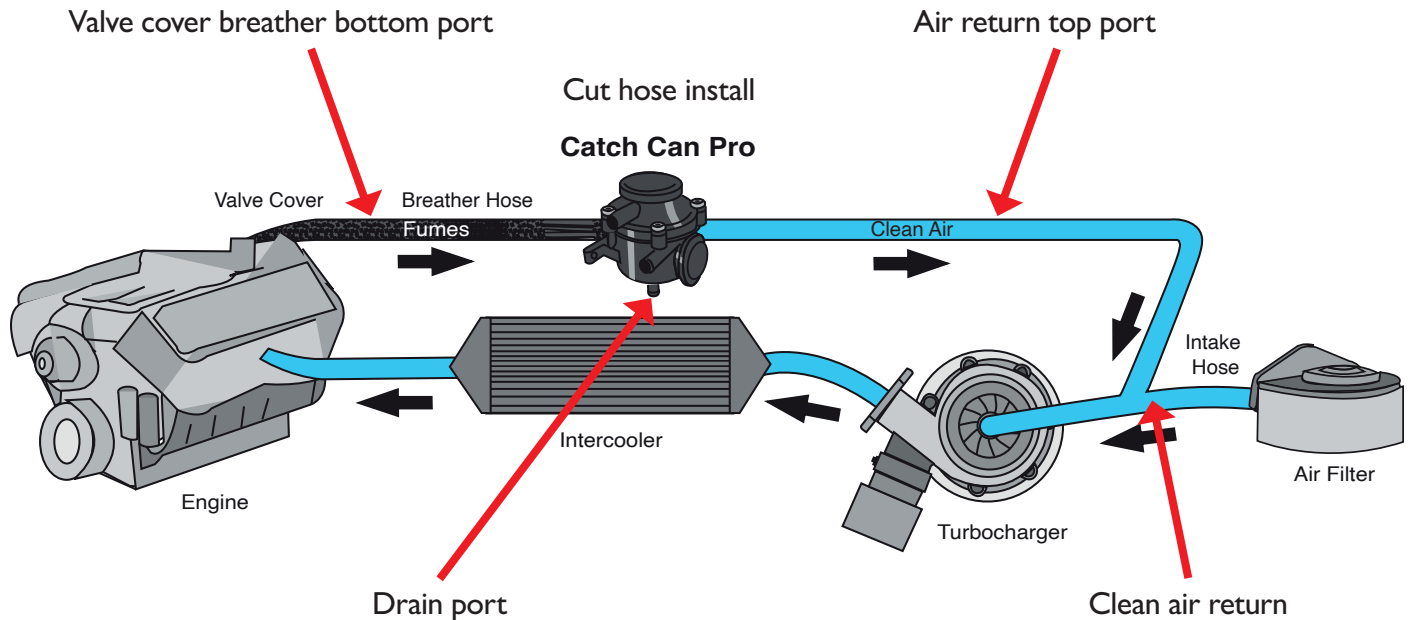
CATCH CAN PRO

A Catch Can Pro minimises oil mist from returning to the engine, helping with the following:

- Carbon/Sludge/Soot build up
- Injector fouling
- EGR carbon build up
- Intercooler oil build up
- Sticky valves
- Engine performance
- Fuel economy



A Catch Can is Fitted as Below:



FAQ:

Q: How often do I need to change the element?

A: Every 20,000km or yearly.

Q: How often do I drain the Catch Can Pro?

A: Every 2000km or 2 tanks of fuel.

- Frequent draining will allow you to monitor your vehicles condition

Q: How much oil should I collect?

A: Blowback differs with driving conditions, engine wear & tear and engine or vehicle modifications.

Q Is the Catch Can Pro big enough for a V8 engine?

A. The unit has been independently tested and proven by Curtin University of Western Australia, as suitable for V8 engines.

- Test results are found at flashlube.com

NOTES



Find out more about the Flashlube range of products today:

flashlube.com

