

FUEL AND OIL TRUCK SERVICE KITS



The Experts in Filtration

INDUSTRY LEADING HEAVY-DUTY FILTRATION

- Reduce down time, improve or maintain engine performance and extend the lifespan of your engine.
- Advanced filtration technology that sets industry standards.

 Trusted by OEM's. Preferred by professionals.
- Extensive warranty with comprehensive coverage and backed up by a field-support team.

When the journey is just as important as the destination, don't let contamination stop you in your tracks.

Donaldson is the trusted filtration brand for heavy-duty vehicle operators. For over 100 years, Donaldson have been developing leading filtration technology that performs under the most demanding conditions.

The Donaldson range of Fuel and LubeTruck Filter Kits provide the performance and reliability needed for modern diesel engines.





Your Guarantee of Reliability BACKED BY A FULL WARRANTY



Filters are an important part of any effective vehicle servicing practice. They need to withstand harsh demands, whether travelling on or off-road.

Donaldson Filters are built to the highest standard utilising quality materials. Every item in our extensive range meets or exceeds OEM Specifications and is backed by a full warranty for complete peace of mind.

For more information visit donaldson.com

Part No.	Make	Engine	Model	Fuel Filter	Oil Filter	Other
X903236	CAT	C12 Nissan		P551311	P550777, P551808	-
X903244	CAT	C13		P551311, P551000	P551808	-
X903243	CAT	C15, C16		P551311, P551858	P551808	-
X900210	CAT	C15, C16		P551311, P551507	P551808	-
X903233	Cummins	ISX EGR		P552200	P550949	-
X903234	Cummins	ISX NON-EGR		P551047	P550949	-
X903235	Cummins	L10, M11, N14		P551000	P553000	-
X900009	Cummins	ISXe5, ISX15		P555776	P550949	-
X900130***	Cummins	ISXe5, ISX15		P555776	P559000	-
X900218	Cummins	ISX15e5		P555776, P550849	P559000	P506086 - Air Oil Separator
X900248	Cummins	ISX15e5		P555776, P550849	P550949	P506086 - Air Oil Separator
X900066	Cummins	ISXe5 (includes FWS cartridge), ISX15, Kenworth		P555776, P557004	P550949	-
X900010	Cummins	ISCe5, ISLe5 (includes FWS spin-on)		P550774, P551103	DBL7300	-
X900082	Cummins	ISCe5, ISLe5 (includes FWS cartridge)		P550774, P550467	DBL7300	-
X900092	Cummins	ISCe5, ISLe5 (includes FWS cartridge)		P550774, P550467	P553000	P506086 - Air Oil Separator
X900135	DAF	MX13	CF85, XF105 e4, e5 (Twin Fuel Cartridges)	P550863 x 2, P550778	P550952, P550812	-
X900132	DAF	MX11, MX13	CF85, XF105 e6 (New Zealand models)	P550863, P550778, P551856	P550952, P550812	-
X900111	DAF	MX13	CF85, XF105 e6 (Australian models)	P551004, P550778	P550952, P550812	-
X903239	Detroit	Series 60 NON-EGR		P556915, P556916	P552100 x 2	-
X903242	Detroit	Series 60 EGR DDEC VI		DBF7917, P558010	P552100 x 2	-
X903286	Detroit	40,000km SERVICE KIT DD13, DD15, DD16 to 10/17		P551011	P551005	-
X903287	Detroit	120,000km SERVICE KIT DD13, DD15, DD16 to 09/13		P551011, P550954	P551005	P551008 - Coolant
X900019	Detroit	120,000km SERVICE KIT DD13, DD15, DD16 from 10/13 to 03/15		P551011, P551063	P551005	P551008 - Coolant
X900110	Detroit	120,000km SERVICE KIT DD13, DD15, DD16 from 03/15 - 10/17		P551011, P551063	P551005	-
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Part No.	Make	Engine	Model	Fuel Filter	Oil Filter	Other
X900125	Fuso	4M50-3A 4.9L	CANTER FE83D, FE84D, FG84D 08-12	P502378	P502008	-
X903259	Fuso	4D34-3A 3.9L, 4D33-A 4.2L	CANTER FE639, FE649 02-, FE645, FE657, FE659 95-, FE83P, FE84P, FE85P 05-08 FG649 (FLK03)	P552561	P502008	-
X900075	Fuso	4P10-T 3.9L 11/11 - Onwards	CANTER FEA21, FEA61, FEB21, FEB51, FEB71, FEB74, FEB91, FEC71, FEC81, FEC91, FECX1, FGB71 (FLK17)	P506078	P506077	-
X903257	Fuso	6D16 7.5L	FK415, 417, 457 91 -, FK417W 93 -, FK617, 618 ALL, FK617W, FK618W 96-98, FM517, 517W, 555, 557 91-97, FM618 95-, FM618W 96-98, FM657, FM658 95-97, FM677 (FLK01)	P552561	P552562	-
X903262	Fuso	6D16 7.6L	FK617, FM657, FK61F, FM61F, FM65F, FM67F, FN61F, FN62F, FN63F, FN64F (FLK04/06/10)	P550391	P552562	-
X903264	Fuso	6M60-3AT1/2, 6M60-9AT1/2 7.6L	FK61F, FK62F, FK65F, FM65F, FN62F, FN63F, FN64F (FLK14)	P502422	P552562	-
X903261	Fuso	6M70 12.9L Non EGR	FP54J, FS52J, FV51J, FV54J (FLK07) 02-07	P502371	P550065	-
X900112	Fuso	6M70 12.9L Non EGR	FP54J, FS52J, FV51J, FV54J, 02-08	P502371, P502226	P550065	-
X900113	Fuso	6M70 12.9L EGR	FP54J, PS52J, FV51J, FV54J 08-11	P502371, P502226	P502368	-
X900114	Fuso	OM457 12L	FP54S, FS52J, FV51S, FV54S	P550762, P506092	P550769	-
X903248	Hino	S05E 4.6L	DUTRO XZU404R, 414R, 424R, 434R, (L004)	P502414, P552251	P552050	-
X903251	Hino	N04C 4.0L	300 SERIES XZU306R, 307R, 308R, 347R, 348R, 407R, 409R, 417R, 419R, 427R, 429R, 437R, 439R, (L007)	P502530, P502226	P505956	-
X900141	Hino	N04C 4.0L EURO 5	300 SERIES XKU 645R, 655R, 710R, 720R, XZU605R, 655R, 710R, 720R, 730R, 2011-2019 (L017) Minor Service	P580299, P506156	P502413	-
X900142	Hino	N04C 4.0L EURO 5	300 SERIES XKU 645R, 655R, 710R, 720R, XZU605R, 655R, 710R, 720R, 730R, 2011-7/2014 (L016) Major Service	P580299, P506156, P506154	P502413	-
X900143	Hino	N04C 4.0L EURO 5	300 Series XKU 645R, 655R, 710R, 720R, XZU605R, 655R, 710R, 720R, 730R, 7/2014 - 2019 (L019) Major Service	P580299, P506156, P506155	P502413	-
X900216	Hino	N04C 4.0L e5	300 Series, XKU645R, 655R, 710R, 720R, XZU605R, 655R, 700R, 710R, 730R, XJC710R, 720R, 710R, 2020 — Onwards	P506237, P506238	P582127	-
X900217	Hino	J05E 5.12L	300 Series, 721 3200, 3800, 4400, 920 3500, 3800, 4400, 921 3500, 3800, 4400, 2019 — Onwards	P580299, P506197	P552050	-
X903245	Hino	J08C 7.9L & J05E 4.0L	Ranger, Ranger Pro 1J, 2J, FD, FF, FG, FL, FM, FT, GD, GH, GT, FC4J (L001)	P551852, P550225	P552050	-

Part No.	Make	Engine	Model	Fuel Filter	Oil Filter	Other
X903253	Hino	J08E US04 7.7L	500 Series, FD8J, FG8J, GD8J, GH8J, GT8J, FL8J, FM8J, FT8J (L009) - 2 fuel cartridge option	P502426, P502425	P502364	-
X903256	Hino	A09C e5 US04 8.9L	500 Series FM1A, GH1A (L012)	P502426, P502391	P502364	-
X900067	Hino	J07E e5 6.4L	500 Series FC7J, FD7J, FE7J (L013)	P502425, P502426	P506094	-
X900068	Hino	J08E e5 7.7L	500 Series FG8J, FL8J, FM8J, GH8J, GT8J (L015)	P502425, P502426	P551441	-
X903249	Hino	E13C 12.9L US04	700 Series FS1E, SS1E, FY1E, (L005)	P552251, P502391	P502390, P550379	-
X903254	Hino	E13C e5, 12.9L	700 Series FS1E, FY1E, SH1E, SS1E (L010)	P502391, P502426	P550379, P506067	-
X900173	Isuzu	4JJ1 3.0L	NLR, NLS, NMR, NNR 2008 - onwards	P506095, P551855	P502597	-
X903221	Isuzu	4HF1 4.2L, 4HG1 4.6L, 4JG2 3.1L	SiTEC 110/115/120 NPR 1992-2003 (BVP92955808)	P505951	P502042	-
X903229	Isuzu	4HK1 5.2L	SiTEC 150/175 2005-2007 (BVP 92955811)	P550390	P502042	-
X900172	Isuzu	4HK1-TCN, TCC 5.2L	NPR, NPS, NQR 2008-2015	P506095, P551855	P502042	-
X900189	Isuzu	4HK1-TCS 5.2L	FRR 2016 on, FRD, FRR, FSS 2008-2015	P502502, P848204, P502599	P848076	-
X903220	Isuzu	6HH1 8.2L, ^HK1-TCN 7.8L	Sitec 175/200/230 FSR 96-00, FSS 96- 00, 03-07, FTR, FTS 96-02, FVR 96-03 (BVP92955812)	P502226, P550225	P550408	-
X903222	Isuzu	6HE1 7.1L, 6HH1 8.2L, 6HK1 TCC, TCS 7.8L	Sitec 190/220/255, FVD, FVR 00-07, FRR 96-02, FSR, FTR 00-02, FRD, FRR, FSR, FTR, FTS, FVD 03-07 (BVP 92955814/817/818)	P502226, P552564	P550408	-
X900176	Isuzu	6HK1-TCC, TSN, TCS 7.8L	FR, FS, FT, FV 09/07 - 10/15	P506095, P551855	P550408	-
X900177	Isuzu	6HK1-TCC, TSN, TCS 7.8L	FR, FS, FT, FV 09/07 - 10/15 (BVP 92958270)	P506095, P551855	P550408	P903543 - Crankcase Ventilation
X900174	Isuzu	6HK1-TCC, TSN, TCS 7.8L	FR, FS, FT, 2016 - onwards	P506095, P502502	P550408	-
X900175	Isuzu	6HK1-TCC, TSN, TCS 7.8L	FR, FS, FT, FV 2016 - onwards (BVP 92958226)	P506095, P502502	P550408	P903543 - Crankcase Ventilation
X903231	Isuzu	6SD1TC 9.8L	SiTEC 270 GVR 89-07, FVM, FVZ, 96-02 FVD, FVR, FVY 00-02, FVL, FVM 03-07 (BVP 92955815)	P502226, P552564	P559128, P550777	-
X903226	Isuzu	6SD1TC 9.8L	SiTEC 275 GDV, FVD, FVR, FVY, FVZ 03-07, FVL 08/00 - 07 (BVP 92955816)	P502226, P550042	P559128, P550777	-

Part No.	Make	Engine	Model	Fuel Filter	Oil Filter	Other
X900178	Isuzu	6UZ1-TCN 9.8L	SiTEC III 350 FXD, FXL, FXM 2009-2011 FXL, FXR, FXY, FYJ, FYX 2012-2015	P550042, P502502 x 2	P502365, P502352	-
X900085	Isuzu	6UZ1-TCN 9.8L	SiTEC III 350 GXD, GXR 08/11, GCD, FXD, FXL, FXR, FXY, FXZ, FYH, YJ, FYX 2016 - onwards	P502391, P502502 x 2	P502365, P502352	-
X903317	Isuzu	6WF1-TC 15.7L	SiTEC I CXY GIGA 09/03 - 05/08 (BVP92955819, BVP92955820)	P502226, P550042	P502365, P502352	-
X900179	Isuzu	6WG1-TCN 15.7L	SiTEC CXY, CXZ, 06/28 - onwards	P502391, P502502	P502365, P502352	-
X900122	Isuzu	6WG1 TCC, TCS 15.7L	SiTEC CXY, CXZ, EXD, EXY, 06/08 - onwards	P551858, P550042	P502365, P502352	-
X900099	Mack	E6, E9	57GC295C	P550431, P550219	P553191 x 3	P554422 - Coolant
X909222	Mack	E7 V-MAC I, II	215SB210A	P550431, P550219	P553191 x 2, P550286	-
X900100	Mack	E7 V-MAC I & II	57GC2120C	P550431, P550219	P553191 x 2, P550286	P554860 - Coolant
X909546	Mack	E7 V-MAC III	215SB294A	P554470, P554471	P553191 x 2, P550286	-
X900101	Mack	E7 V-MAC III E-Tech	215SB294A	P554470, P554471	P553191 x 2, P550286	P554860 - Coolant
X909567	Mack	E7 CCRS	107SB16A	P554470, P554471	P553191 x 2, P550287	-
X903273	Mack	MP7 11L, MP8 13L, MP10 16L	Granite (85114535) PRE 2017	P550529, P551838	P551807 x 2, P550425	-
X900065*	Mack	MP7 11L, MP8 13L, MP10 16L	Granite (85114535) PRE 2017	P550529, P551838	P550519 x 2, P550425	-
X900079**	Mack	MP7 11L, MP8 13L, MP10 16L	Granite (85114535) PRE 2017	P550529, P551838	DBL7483 x 2, P550425	-
X900111	Paccar	MX13 460, 510 e6 12.9L		P551004, P550778	P550812, P550952	-
X903193	UD	FE6T, FE6TA 6.9L	LK185, LK235, MK180, MK185, MK190, MK225, MK235, PK220, PKA220, PK235 (FK008)	P551178, P551338	P552562	-
X903194	UD	FE6TB, FE6TC 6.9L	LK245, LK265, MK240, MK245, MK265, PK245, PK255, PK265 (FK001/011)	P552251, P551337	P552562	-
X903196	UD	J08TC 7.7L	MK6, MK6PLUS (FK032)	P502425, P502426	P502364	-
X900144	UD	GH7TA, GH7TB 7.0L	Condor MK11250, MK11280, PK16250, PK16280, PK17280, PD24280, PKC8, PW24280	P506107, P506174	P506108	-
X903192	UD	PF6T, PF6TA, PF6TB, PF6TC 12.5L	CW290, CW350, CWB452 1994 – 1996 CK320, CW350, CW380, CW420, CWB452, CWB455 1996 – 2002	P551178, P551337	P550021, P550034	-
X903237	UD	GE13TB/D 13.1L	CW26400, GW400/L, GW470, GW26470, GW26400, GK400, GK17400 (FK030)	P551858, P502422	P502555, P502557	-
X903238	UD	GE13TB/D 07/03 onwards 13.0L	CW385, CW440E, CW445 (FK025)	P557440, P551858	P550021, P502557	-

Part No.	Make	Engine	Model	Fuel Filter	Oil Filter	Other
X903273	UD	GH11TB/C 10.8L, GE13TD 13.0L	Quon CK17 380, CW26 380, GK17 420, GW26 420, GW26 470 (FK035) PRE 2017	P551838, P550529	P551807 x 2, P550425	-
X900065*	UD	GH11TB/C 10.8L, GE13TD 13.0L	Quon CK17 380, CW26 380, GK17 420, GW26 420, GW26 470 PRE 2017	P551838, P550529	P550519 x 2, P550425	-
X900079**	UD	GH11TB/C 10.8L, GE13TD 13.0L	Quon CK17 380, CW26 380, GK17 420, GW26 420, GW26 470 PRE 2017	P551838, P550529	DBL7483 x 2, P550425	-
X900214	UD	GH11e6	Quon (FK036)	DBF5967, P551838	P551807 x 2, P550425	-
X903269*	Volvo	D12A, D12C	NH12, FH12, FM12 Version 1 (FK1B)	P550372	P551807 x 2, P550425	-
X903272	Volvo	D9A, D12D	FM9, FM12 VERSION 2, FH12 Version 2 (FK14B1)	P550529	P551807 x 2, P550425	-
X900129	Volvo	D9A, D12D	FM9, FM12 VERSION 2, FH12 Version 2	P550529, P551843	P551807 x 2, P550425	-
X903273	Volvo	D9 SCR EURO 4, D11C EURO 5, D13A EURO 4, D13B EURO 4, D13C EURO 5, D16E EURO 4, D16G EURO 5 (FK18B) PRE 2017	FM9, FM11, FM13, FH12, FH13, FH16	P551838, P550529	P551807 x 2, P550425	-
X900065*	Volvo	D9 SCR EURO 4, D11C EURO 5, D13A EURO 4, D13B EURO 4, D13C EURO 5, D16E EURO 4, D16G EURO 5 PRE 2017	FM9, FM11, FM13, FH12, FH13, FH16	P551838, P550529	P550519 x 2, P550425	-
X900079**	Volvo	D9 SCR EURO 4, D11C EURO 5, D13A EURO 4, D13B EURO 4, D13C EURO 5, D16E EURO 4, D16G EURO 5 PRE 2017	FM9, FM11, FM13, FH12, FH13, FH16	P551838, P550529	DBL7483 x 2, P550425	-
X900071	Volvo	D7E, D7F	FE EURO 5 (FK19-B1)	P954604, P954925	P550905	P954869 - Air Breather



The Most Comprehensive Online Site for Searching Filters and Parts for Your Application **shop.donaldson.com**

Protect Your Investment

WITH ADDITIONAL PRIMARY FILTRATION FOR SEVERE OPERATING CONDITIONS

Worn fuel pumps and failed injectors can quickly ruin both your day and your budget. Donaldson Diesel Fuel Filter Kits protect your engine by ensuring clean, filtered fuel, helping to prevent costly repairs and keep your vehicle running smoothly.

Dirt and water are the enemies of fuel systems and can dramatically reduce the service life of fuel system components. If your vehicle operates in extreme conditions, or where fuel cleanliness is uncertain, we recommend the installation of additional primary fuel filtration to provide added engine protection.

- Ideal for heavy-duty applications
- Includes bonus filter element keep one in the vehicle as a spare for emergencies
- Supports flow range up to 379 lph
- Restriction Indicators sold separately



Added Protection

FOR HIGH PRESSURE COMMON RAIL ENGINES



3µm HIGH	I EFFICIENCY D	DIESEL FUEL FILTER K	IT $(B_3 = 100 (99\% @$	3 micron))		
Part No	Flow Rate	Head Assembly	Replacement Filter Part No	Fittings	Bowl	WIF Sensor*
X900167	220 lph	M14 x 1.5 Priming Pump	P581681	2 x Straight Fitting	•	X220112
X900169	245 lph	M14 x 1.5	P581681	2 x Straight Fitting	•	X220112
P903074	379 lph	1/2"-18 NPTF	P553207	2 x Straight Fitting	•	X220112

* Optional Upgrade



INDICATORS (optional)

Part No	Description	Comments
X220052	M12 x 1.5 Visual, Stepped	4 Steps to 5 psi / 34 kPa
X220057	M12 x 1.5 Electrical	Set point 5 psi / 34 kPa
P506153	M12 - M14 Adaptor	

Restriction Indicators for installation on SUCTION side of head assembly in suction applications.



FITS ALL
DONALDSON
TWIST&DRAIN™
FUEL FILTERS

WATER IN FUEL SENSOR LED DISPLAY KIT

Donaldson's Water in Fuel Sensor & Display Kit gives a visual warning when separated water is present in the filter and needs draining. The kit contains a drain valve with electrical plug, wiring loom and adjustable dash mount LED display.

Part No.	Power Supply	Dashmount Display Size
X220112	6V to 30V DC	66.3mm (w) x 50mm (h) x 15.4mm (d)

Complete Solutions

FOR TRAILER REFRIGERATION AND CAB AIR CONDITIONING REPLACEMENT FILTERS

As a key component of any effective engine maintenance program, filtration systems protect engines, minimize unexpected downtime, and ensure proper cooling.

Donaldson produces high-quality filtration elements for refrigeration trucks, trailers, and cab air conditioning systems which meet original equipment standards.

- Improved engine protection
- Durable and robust, designed to perform in extreme temperature and humidity conditions
- Lasting quality and value





Brand	Description	UE Part No.	Part No.	Detail
	Air Filter	119059	P822686	
	Air Filter	119300	P953446	
	Fuel Filter	119341	P553693	
	Fuel Water Separator	119342	P550834	
Thermo King	Oil Filter	116182	P502067	
	Oil Filter	119182	P550835	
	Oil Filter	119321	P552363	
	Filter Kit	X900074	1 x P953446 1 x P550834 1 x P550835	
	Air Filter	300042627	P616641	
	Air Filter	300043023	P621642	
	Air Filter	300047120	P604457	
Carrier Transicold	Fuel Filter	300030200	P557440	
Jamer Iransicolu	Fuel Filter	300109005	P559125	
	Oil Filter	300045000	P550299	
	Oil Filter	300046300	P558615	
	Oil Filter	300032300	P554407	
	Air Filter		P505997	
	Air Filter		P822686	
	Air Filter		P903708	
	Fuel Filter		P550345	
cepack Sleeper Cab	Fuel Filter		P550440	
Air-conditioning Systems	Oil Filter		P550335	
	Oil Filter		P559128	
	Filter Kit	RK60NBE2	X900056	1 x P505997 1 x P550345 1 x P550335
	Filter Kit	ES2000	X900140**	1 x P822686 1 x P550345 1 x P559128

OE Part No.

Part No.

Detail

Brand

Description

^{**} Extended Service Life

Frequently Asked Questions

ENSURING SYSTEM PROTECTION

Where should I install additional filtration?

We recommend that additional filtration should be considered as the primary filter and installed before the factory filter, which should be retained as originally fitted. It can be fitted in any location that offers easy access to view the water collection bowl and to change the filter. Most modern vehicles employ a return loop fuel system, where fuel is delivered to the factory fitted filter. The engine draws what it requires and the rest is returned to the tank. By installing additional filtration before the factory filter, all the fuel in the tank is being continually filtered. Leaving the fuel system from the factory filter to the engine unaltered. minimises any effect on sensitive engine management systems. This also ensures the fuel reaching the factory fitted filter is as clean as the vehicle manufacturer specifies.

What else do I need to install additional filtration?

Some vehicles can benefit from an additional in-line fuel pump to help boost the fuel flow. Use a good quality pump for reliability and long life.

Are there any points to consider when installing an additional filter?

The additional filter needs to be capable of delivering an adequate fuel flow rate for your engine. Ensure there are no tight bends in the fuel lines and do not position them too close to hot exhaust components. All fuel hose connections need to be fuel and air tight. It is good practice to use a fuel-proof thread sealant or O-ring seals on hose fittings where they screw into the filter head assembly. Many fuel systems operate in vacuum. A leak may result in air being drawn into fuel lines causing engine misses or making it hard to start.

I've been handling diesel the same way for years without any issues, why should I change what I am doing?

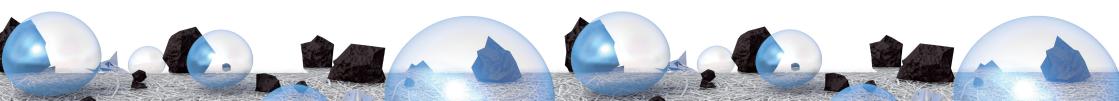
Depends on what you're driving. If you drive an older technology (pre-common rail) vehicle, then you can probably continue to do what you've always done. However, if you have a newer technology (such as a common rail) vehicle, or are planning to get one then you will have to be more careful with where and how you refuel.



PROOF IS IN THE PERFORMANCE

NOTHING ELSE PROTECTS OR PERFORMS
BETTER THAN DONALDSON FILTERS

For more information on how to get the most out of your filtration, visit donaldson.com



Why Choose Donaldson?



PERFORMANCE

First-fit choice of leading equipment manufacturers around the world.



INNOVATION

Continuous development of new technologies to meet changing filtration needs.



RELIABILITY

Comprehensive warranty covering our filters and your equipment.



QUALITY

The foundational principle driving the design, manufacture and delivery of every product.



SUPPORT

Knowledgeable technical support specialists available when you need them.



AVAILABILITY

Innovative, reliable distribution partners providing local support.



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