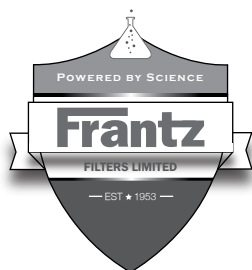


INSTALLATION INSTRUCTIONS



Frantz Bypass Filter System Installation Instructions

Please Note – Before Installation

Follow the precautions below for optimal product performance and to reduce the risk of property damage, personal injury, and/or death.

Read All Instructions Before Proceeding

In the event you have purchased the basic Frantz Bypass Filter System, please note that only experienced professionals should attempt to install. Additional installation hardware will need to be obtained to install this system. Contact our customer service department at 800-341-6516 with any additional questions.

Most kits contain parts for various mounting options and as such some parts may not be required.

Improper installation of this product may result in damage to the vehicle on which it is installed. For questions regarding installation, contact Frantz Filters customer service at 1-800-341-6516.

Install On Cool Engine

Take care during installation to avoid bodily harm. Only install on a cool engine with the engine turned off.

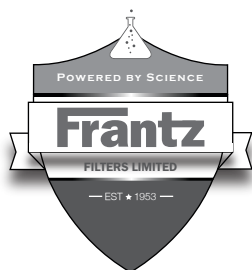
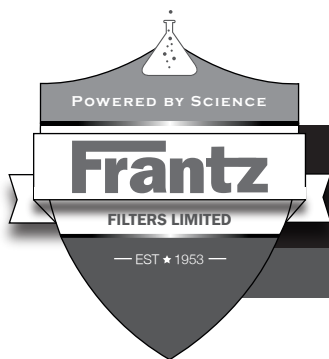


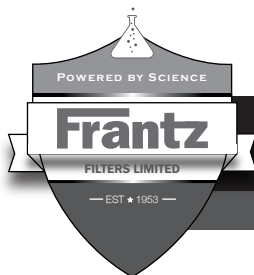
Table of Contents

Bypass Filter System	page 4
• Part Identification	page 5
• Instructions	page 6
Builder Filter Kit	page 8
• Part Identification	page 9
• Instructions	page 11
Universal Filter Kit	page 14
• Part Identification	page 15
• Instructions	page 16
5.9 L Cummins Filter Kit	page 20
• Part Identification	page 21
• Instructions	page 22
6.6 L Duramax Filter Kit	page 24
• Part Identification	page 25
• Instructions	page 26
6.0L Ford Powerstroke Filter Kit	page 30
• Part Identification	page 31
• Instructions	page 32
7.3L Ford Powerstroke Filter Kit	page 34
• Part Identification	page 35
• Instructions	page 36
Warranty and Guarantee	page 38



BYPASS FILTER SYSTEM

FKBASC



BYPASS FILTER SYSTEM







FKBASC

TOOLS NEEDED




- ☐ Drill
- ☐ 7/32" Drill bit for mounting screws
- ☐ 3/8" Socket and wrench for mounting bolts
- ☐ 3/8" Wrench for mounting screws

PARTS IDENTIFICATION

**Below are the parts included
with the Bypass Filter System (FKBASC).**

NAME	SKU	QTY	VISUAL
Mounting Screws	FSCR	3	
Lock, Washer, Bolt and Nut	FFEM	2	
Base Gasket	KBGA	1	
T-Bolt and Black Knob	KTBO	1	
Clamp	KCLA	1	
Mounting Bracket	KMOU	1	

PARTS IDENTIFICATION CONT'D

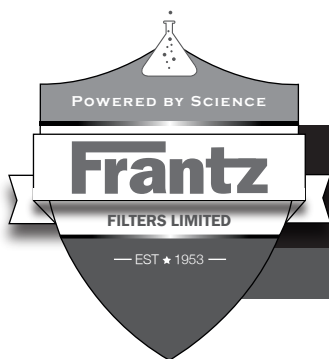
NAME	SKU	QTY	VISUAL
Filter Media	FFMD-SP	1	
Canister	KCAN	1	
Pull Ring	KPUL	1	
Filter Base	KBAS	1	

INSTRUCTIONS

There are multiple ways to install your Frantz Filter; installation will differ depending on vehicle design. The key elements include mounting the filter in the appropriate location, installing a pressure feed to the Frantz Filter and a return line back to the engine.

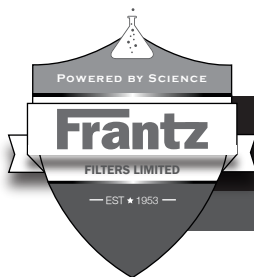
The Frantz Filter Bypass System (FKBASC) is designed for installation by experienced professionals. Installation kits are available for a number of specific vehicles as well as a kit for universal installation. Contact our customer service department at 800-341-6516 with any additional questions.

Upon installation, additional oil may be required. To properly determine the amount of oil to add, let your engine run for approximately one minute after installation. This allows your new Frantz Filter to begin absorbing oil in the media and hoses. After one minute, remove your oil dip-stick and add accordingly.



BUILDER FILTER KIT

FKBUILD



BUILDER FILTER KIT

FKBUILD


BUILDER

TOOLS NEEDED









- ☐ Drill
- ☐ 7/32" Drill bit for mounting screws
- ☐ 3/8" Socket and wrench for mounting bolts
- ☐ 3/8" Wrench for mounting screws
- ☐ 7/16" Wrench for male hose fitting
- ☐ Utility knife to cut hose
- ☐ 1 1/4" or Larger crescent wrench

PARTS IDENTIFICATION

The entire Bypass Filter System is included in the Builder Kit (FKBUILD) as well as the parts below.

NAME	SKU	QTY	VISUAL
8 Foot Hose	FHOS	1	
Male Hose Fittings	FMAL	4	
Oetiker Clamps	FOET	4	
90 Degree Elbows	FELB90	2	

PARTS IDENTIFICATION CONT'D

NAME	SKU	QTY	VISUAL
45 Degree Elbows	FELB45	2	
Spare Gasket	KBGA	2	
Thread Seal Package	FTHR	1	
Pan Tool*	FPAN	1	
Self Tapping Hollow Bolt*	FTHP	1	
Adapter Ring*	F(x)AD	1	
and Adaptor Nut	FNUT	1	
Quick Disconnect*	FQDC	1	
Frantz Oil Fill Cap*	FOFC	1	

(** denotes not all Builder Kits will have these parts)

INSTRUCTIONS

*Be sure to use thread sealer at all connections. This is most important for connections with dissimilar metals (i.e. brass to aluminum)

Step 1

Locate a good mounting point for the filter. Mount the filter in a place that the hoses will be easy to reach and will not kink. You need enough room to easily separate the canister from the base to replace the filter media. Your kit comes with (3) screws (FSCR) that attach the mounting bracket (KMOU) to the surface you choose. The filter base (KBAS) will attach to the bracket with the (2) Nut, bolt, and lock washer combos (FWBN) found in your hardware bag.

Step 2

Remove your OE spin on filter.

Step 3

Match up your adaptor ring (F[S, M or L]AD) where the filter came off; there is no need to lubricate the gasket on the bottom of the adaptor. The adaptor nut packaged with the ring will fit in the center hole of the adaptor and screw onto the existing port's threads. Tighten to snug, but not overly tight.

Step 4

Screw bushing (FBUS14) into the adaptor ring, and screw your hose fitting (FMAL) into the bushing. This will be the pressure feed for your Frantz Oil Filter.

Step 5

Your kit includes either: A replacement oil fill cap with a port already in it; OR a Self-Tapping Hollow Bolt (FTHP).

Fill cap install: Replace OE cap with Frantz cap, but do not throw away OE cap.

INSTRUCTIONS CONT'D

Self-Tapping Hollow Bolt: Use pan tool (FPAN) and hammer to punch hole in either the oil pan, or valve cover (in a place away from the crank counterweights or valve train). Screw the Hollow Bolt into the newly formed hole.

Step 6

If you used an upgraded filler cap, insert male end of quick disconnect (FQDC) into the 90 or 45 degree fitting screwed in the top of the cap. Screw hose fitting (FMAL) into the female end of the quick disconnect.

If you used the Hollow Bolt, screw hose fitting (FMAL) directly into the bolt.

This will be your oil return line.

Step 7

Cut hose (FHOS) to length, and route. Be sure to not run hoses close the fan blade, or touching any hot exhaust parts. Use zip ties to secure if necessary – not included.

Step 8

The pressure feed line will hook up to the fitting on the center of the filter base bottom labeled “IN,” and the return line will hook up to the fitting on the edge of the filter base labeled “OUT”. Insert fittings (FMAL) into “In” and “Out” ports on the base. Slip Oetiker clamps (FOET) over hose leading from pressure feed; push hose onto “In” fitting. Slip Oetiker clamp over hose leading from oil return and push hose onto “Out” fitting. Tighten clamps.

Step 9

Attach hose to adapter ring fitting using oetiker clamp. Attach hose to hose fitting on quick disconnect (FQDC) or hollow bolt (FTHP) using oetiker clamp (FOET).

INSTRUCTIONS CONT'D

Step 10

Start engine and run to operating temperature. Shut engine off, check and retighten all fittings.

***Note**

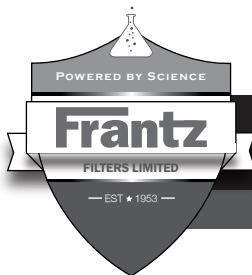
Upon installation, additional oil may be required. To properly determine the amount of oil to add, let your engine run for approximately one minute after installation. This allows your new Frantz Filter to begin absorbing oil in the media and hoses. After one minute, remove your oil dip-stick and add accordingly.



UNIVERSAL FILTER KIT

FKUNIV

UNIVERSAL



UNIVERSAL FILTER KIT





FKUNIV

TOOLS NEEDED








- ☐ Drill
- ☐ 7/32" Drill bit for mounting screws
- ☐ 3/8" Socket and wrench for mounting bolts
- ☐ 3/8" Wrench for mounting screws
- ☐ 7/16" Wrench for male hose fitting
- ☐ Utility knife to cut hose

PARTS IDENTIFICATION

The entire Bypass Filter System is included in the Universal KIT (FKUNIV) (for all engines) as well as the parts below.

NAME	SKU	QTY	VISUAL
8 Foot Hose	FHOS	1	
Male Hose Fittings	FMAL	4	
Oetiker Clamps	FOET	4	
90 Degree Elbows	FELB90	2	

PARTS IDENTIFICATION CONT'D

NAME	SKU	QTY	VISUAL
45 Degree Elbows	FELB45	2	
Spare Gasket	KBGA	2	
Thread Seal Package	FTHR	1	
Pan Tool	FPAN	1	
Self Tapping Hollow Bolt	FTHP	1	
1/4 Running Tee	FSTT14	1	
1/4 Bushing	FBUS14	1	
1/8 Running Tee	FSTT18	1	

UNIVERSAL

INSTRUCTIONS

There are multiple ways to install your Frantz Filter using the universal kit, and hook up will differ depending on the design of your vehicle. The key elements include having a pressure feed to the Frantz Filter and a return line back to the engine.

*Be sure to use thread sealer at all connections. This is most important for connections with dissimilar metals (i.e. brass to aluminum)

Step 1

Locate a good mounting point for the filter. Mount the filter in a place that the hoses will be easy to reach and will not kink. You need enough room to easily separate the canister from the

base to replace the filter media. Your kit comes with (3) screws (FSCR) that attach the mounting bracket (KMOU) to the surface you choose. The filter base (KBAS) will attach to the bracket with the (2) Nut, bolt, and lock washer combos (FWBN) found in your hardware bag.

Step 2 - Pressure Feed

The pressure feed can be installed in one of the following two ways:

1 - A Street T pressure feed between oil pressure sending unit and block.

2 – Use an Existing Ports, typically found on the block or on the OE filter mount.

Street T pressure feed

a: Locate oil pressure sending unit.

b: Remove sending unit.

c: Screw either a 1/4" or 1/8" street "T" (FSTT14 or FSTT18) into the sending unit port. If you use the 1/4" T, you will need the 1/4" male to 1/8" female bushing.

d: The sending unit will bolt into the backside of the T.

e: The hose fitting (FMAL) will screw into the bottom of the T.

Existing Ports

Some vehicles have pressure ports near the stock filter. If your vehicle has this type of port, simply remove the plug and the hose fitting (FMAL) will screw into the port. As a general rule, the pressure feed port will be located on or near the OEM Filter assembly. Consult the vehicle manufacturer's specifications to avoid damage to the engine.

Step 3 - Return Line

The return line can be installed in one of the following two ways:

1 - Tapping the oil pan with included tools.

2 – Use an existing port if available.

Oil Pan Return

a: Drain oil pan.

b: Locate a convenient spot on your oil pan to install the return. It is suggested to install on the side of the oil pan on a flat surface near the top of the pan. Drive the tip of the pan tool (FPAN) into the oil pan with a hammer until the shoulder of the tool is flush with the side of the pan.

c: Locate the self-tapping hollow bolt (FTHP) and thread it into the hole by hand. Take a 9/16" socket, and slowly tighten the bolt, being sure to keep it straight. Tighten until the seal on the bottom of the bolt is snug against the pan.

d: Screw the hose fitting (FMAL) into the hollow bolt.

Existing Port

Some vehicles have pressure ports near the stock filter. If your vehicle has this type of port, simply remove the plug and the hose fitting (FMAL) will attach in the port. As a general rule, the return port will be located on the block of your vehicle. Consult the vehicle manufacturer's specifications to avoid damage to the engine.

Step 4

Cut hose (FHOS) to length, and route. Be sure to not run hoses close the fan blade, or touching any hot exhaust parts. Use zip ties to secure if necessary – not included.

Step 5

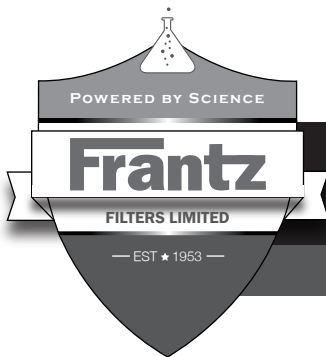
The pressure feed line will hook up to the fitting on the center of the filter base bottom labeled "IN," and the return line will hook up to the fitting on the edge of the filter base labeled "OUT". Insert fittings (FMAL) into "In" and "Out" ports on the base. Slip Oetiker clamps (FOET) over hose leading from pressure feed; push hose onto "In" fitting. Slip Oetiker clamp over hose leading from oil return and push hose onto "Out" fitting. Tighten clamps.

Step 6

Start engine and run to operating temperature. Shut engine off, check and retighten all fittings.

*Note

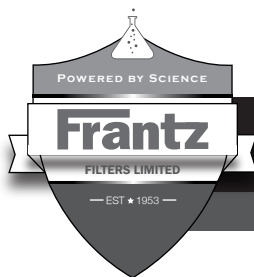
Upon installation, additional oil may be required. To properly determine the amount of oil to add, let your engine run for approximately one minute after installation. This allows your new Frantz Filter to begin absorbing oil in the media and hoses. After one minute, remove your oil dip-stick and add accordingly.



5.9L and 6.7L CUMMINS FILTER KIT

FKCUM59

5.9 / 6.7 L CUMMINS



5.9L and 6.7L CUMMINS FILTER KIT





FKCUM59

TOOLS NEEDED






- ☐ Drill
- ☐ 7/32" Drill bit for mounting screws
- ☐ 3/8" Socket and wrench for mounting bolts
- ☐ 3/8" Wrench for mounting screws
- ☐ 7/16" Wrench for male hose fitting
- ☐ Utility knife to cut hose
- ☐ 1 1/4" or Larger crescent wrench

PARTS IDENTIFICATION

The entire Basic Kit is included in the 5.9L/6.7L Cummins Kit (FKCUM59) as well as the pieces below.

NAME	SKU	QTY	VISUAL
8 Foot Hose	FHOS	1	
Male Hose Fittings	FMAL	4	
Oetiker Clamps	FOET	4	
90 Degree Elbows	FELB90	2	

PARTS IDENTIFICATION CONT'D

NAME	SKU	QTY	VISUAL
45 Degree Elbows	FELB45	2	
Spare Gasket	KBGA	2	
Thread Seal Package	FTHR	1	
Quick Disconnect	FQDC	1	
Cummins Oil Fill Cap	FOFC-CUM	1	

INSTRUCTIONS

*Be sure to use thread sealer at all connections. This is most important for connections with dissimilar metals (i.e. brass to aluminum). Upon installation, additional oil may be required. Let your engine run for approximately one minute after installation. After one minute, remove your oil dip-stick and add new oil accordingly.

Step 1

Locate a good mounting point for the filter. Mount the filter in a place that the hoses will be easy to reach and will not kink. You need enough room to easily separate the canister from the base to replace the filter media. Your kit comes with (3) screws (FSCR) that attach the mounting bracket (KMOU) to the surface you choose. The filter base (KBAS) will attach to the bracket with the (2) Nut, bolt, and lock washer combos (FWBN) found in your hardware bag.

Step 2

If you look on top of where your OE filter mounts, you should see two ports with plugs in them (one of these may be used by another add-on part). Unscrew one of the plugs, and insert the

INSTRUCTIONS CONT'D

45 degree elbow (FELB45) into the port. Screw the male hose fitting (FMAL) into the elbow. This will be the pressure feed for your Frantz filter.

Step 3

Your kit includes a replacement aluminum oil fill cap with a port already in it (FOFC-CUM). Replace OE cap with Frantz cap, but do not throw away OE cap.

Step 4

Insert male end of quick disconnect (FQDC) into the 90 or 45 degree fitting screwed in the top of the cap. Screw hose fitting (FMAL) into the female end of the quick disconnect. This will be your oil return line.

Step 5

Cut hose (FHOS) to length, and route. Be sure to not run hoses close the fan blade, or touching any hot exhaust parts. Use zip ties to secure if necessary – not included.

Step 6

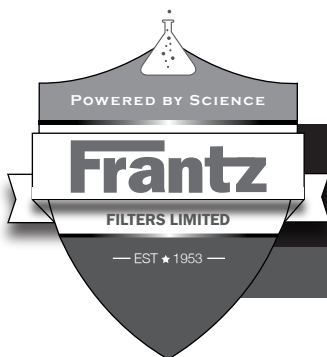
The pressure feed line will hook up to the fitting on the center of the filter base bottom labeled “IN,” and the return line will hook up to the fitting on the edge of the filter base labeled “OUT”. Insert fittings (FMAL) into “In” and “Out” ports on the base. Slip Oetiker clamps (FOET) over hose leading from pressure feed; push hose onto “In” fitting. Slip Oetiker clamp over hose leading from oil return and push hose onto “Out” fitting. Tighten clamps.

Step 7

Attach hose to adapter ring fitting using oetiker clamp. Attach hose to hose fitting on quick disconnect (FQDC) using oeticker clamp (FOET).

Step 8

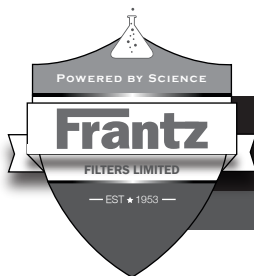
Start engine and run to operating temperature. Shut engine off, check and retighten all fittings.



6.6L DURAMAX FILTER KIT

FKDMX66

6.6L DURAMAX



6.6L DURAMAX FILTER KIT


FKDMX66

TOOLS NEEDED


- ☐ Drill
- ☐ 7/32" Drill bit for mounting screws
- ☐ 3/8" Socket and wrench for mounting bolts
- ☐ 3/8" Wrench for mounting screws
- ☐ 7/16" Wrench for male hose fitting
- ☐ Utility knife to cut hose
- ☐ 1 1/4" or Larger Crescent wrench

PARTS IDENTIFICATION

The entire Bypass Filter System is included in the 6.6 Duramax Kit (FKDMX66) as well as the parts below.

NAME	SKU	QTY	VISUAL
8 Foot Hose	FHOS	1	
Male Hose Fittings	FMAL	4	
Oetiker Clamps	FOET	4	
90 Degree Elbows	FELB90	2	

PARTS IDENTIFICATION CONT'D

NAME	SKU	QTY	VISUAL
45 Degree Elbows	FELB45	2	
Spare Gasket	KBGA	2	
Thread Seal Package	FTHR	1	
Large Adapter	FLAD	1	
Adapter Nut	FNUT1316	1	
Bushings	FBUS14	1	
Quick Disconnect	FQDC	1	
Duramax Oil Fill Cap	FOFC-DMX	1	

INSTRUCTIONS

*Be sure to use thread sealer at all connections. This is most important for connections with dissimilar metals (i.e. brass to aluminum)

Step 1

Locate a good mounting point for the filter. Mount the filter in a place that the hoses will be easy to reach and will not kink. You need enough room to easily separate the canister from the base to replace the filter media. Your kit comes with (3) screws (FSCR) that attach the mounting bracket (KMOU) to the surface you choose. The filter base (KBAS) will attach to the bracket with the (2) Nut, bolt, and lock washer combos (FWBN) found in your hardware bag.

Step 2

Remove your OE spin on filter.

INSTRUCTIONS CONT'D

Step 3

Match up your adaptor ring (FMAD) where the filter came off; there is no need to lubricate the gasket on the bottom of the adaptor. The adaptor nut packaged with the ring will fit in the center hole of the adaptor and screw onto the existing port's threads. Tighten to snug, but not overly tight.

Step 4

Screw bushing (FBUS14) into the adaptor ring, and screw your hose fitting (FMAL) into the bushing. This will be the pressure feed for your Frantz Oil Filter.

Step 5

Your kit includes a replacement aluminum oil fill cap with a port already in it (FOFC-DMX) Replace OE cap with Frantz cap, but do not throw away OE cap.

Step 6

Insert male end of quick disconnect (FQDC) into the 90 or 45 degree fitting screwed in the top of the cap. Screw hose fitting (FMAL) into the female end of the quick disconnect. This will be your oil return line.

Step 7

Cut hose (FHOS) to length, and route. Be sure to not run hoses close the fan blade, or touching any hot exhaust parts. Use zip ties to secure if necessary – not included.

Step 8

The pressure feed line will hook up to the fitting on the center of the filter base bottom labeled "IN," and the return line will hook up to the fitting on the edge of the filter base labeled "OUT". Insert fittings (FMAL) into "In" and "Out" ports on the base. Slip Oetiker clamps (FOET) over hose leading from pressure feed; push hose onto "In" fitting. Slip Oetiker clamp over hose leading from oil return and push hose onto "Out" fitting. Tighten clamps.

INSTRUCTIONS CONT'D

Step 9

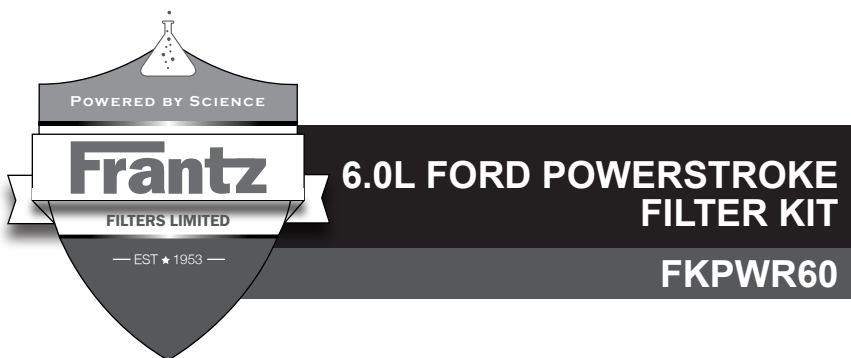
Attach hose to adapter ring fitting using oetiker clamp. Attach hose to hose fitting on quick disconnect (FQDC) using oeticker clamp (FOET).

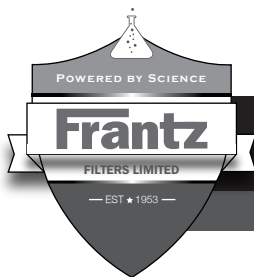
Step 10

Start engine and run to operating temperature. Shut engine off, check and retighten all fittings.

*Note

Upon installation, additional oil may be required. To properly determine the amount of oil to add, let your engine run for approximately one minute after installation. This allows your new Frantz Filter to begin absorbing oil in the media and hoses. After one minute, remove your oil dip-stick and add accordingly.





6.0L FORD POWERSTROKE FILTER KIT


FKPWR60

TOOLS NEEDED







- ☐ Drill
- ☐ 1/2" Drill bit for drilling filter cap
- ☐ 7/32" Drill bit for mounting screws
- ☐ 3/8" Socket and wrench for mounting bolts
- ☐ 3/8" Wrench for mounting screws
- ☐ 7/16" Wrench for male hose fitting
- ☐ Utility knife to cut hose
- ☐ 1 1/4" or Larger crescent wrench

PARTS IDENTIFICATION

The entire Bypass Filter System is included in the 6.0L Ford Powerstroke Kit (FKPWR60) as well as the pieces below.

NAME	SKU	QTY	VISUAL
8 Foot Hose	FHOS	1	
Male Hose Fittings	FMAL	4	
Oetiker Clamps	FOET	4	
Screw Clamp	FSHC	1	

PARTS IDENTIFICATION CONT'D

NAME	SKU	QTY	VISUAL
90 Degree Elbows	FELB90	2	
Spare Gasket	KBGA	2	
Thread Seal Package	FTHR	1	
6.0 Filter Cap	FAFC-PWR	1	
Quick Disconnect	FQDC	1	
45 Degree Elbows	FELB45	2	
6.0L Oil Fill Cap	FOFC-PWR	1	

INSTRUCTIONS

*

Be sure to use thread sealer at all connections. This is most important for connections with dissimilar metals (i.e. brass to aluminum)

Step 1

Locate a good mounting point for the filter. Mount the filter in a place that the hoses will be easy to reach and will not kink. You need enough room to easily separate the canister from the base to replace the filter media. Your kit comes with (3) screws (FSCR) that attach the mounting bracket (KMOU) to the surface you choose. The filter base (KBAS) will attach to the bracket with the (2) Nut, bolt, and lock washer combos (FWBN) found in your hardware bag.

Step 2

Remove the cap on your normal canister filter; and replace with included Frantz Filter aluminum cap (FAFC-PWR). Install 90 degree elbow (FELB-90) on top of cap. This will be the pressure feed for your Frantz Filter.

INSTRUCTIONS CONT'D

Step 3

Replace OE filter, and screw on filter cap as normal.

Step 4

Your kit comes with a Frantz oil fill cap (FOFC-PWR). Simply replace OE cap, but do not throw it away. Screw the male end of the quick disconnect (FQDC) into the 90 or 45 degree elbow (FELB90 or 45) fitting screwed into the cap. Screw the hose fitting (FMAL) into the female end of the disconnect. Connect the two pieces of the quick disconnect. This will be your oil return line.

Step 5

Cut hose (FHOS) to length, and route. Use zip ties to secure if necessary (not included). Be sure not to run hoses close the fan blade, or touching any hot engine parts.

Step 6

The pressure feed line will hook up to the fitting on the center of the filter base bottom labeled "IN," and the return line will hook up to the fitting on the edge of the filter base labeled "OUT". Insert fittings (FMAL) into "In" and "Out" ports on the base. Slip one Oetiker clamp (FOET) and one screw clamp (FSHC) over hose leading from pressure feed; push hose onto "In" fitting. Slip Oetiker clamp over hose leading from oil return and push hose onto "Out" fitting. Tighten clamps.

Step 7

Attach hose to hose fitting on filter cap using screw clamp (FSHC) and tighten. Attach hose to hose fitting on quick disconnect (FQDC) using oeticker clamp (FOET).

Step 8

Start engine and run to operating temperature. Shut engine off, check and retighten all fittings.

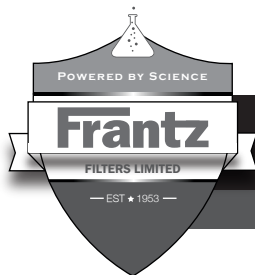
*Note

Upon installation, additional oil may be required. Let your engine run for approximately one minute after installation. This allows your new Frantz Filter to begin absorbing oil in the media and hoses. After one minute, remove your oil dipstick and add accordingly.



7.3L FORD POWERSTROKE FILTER KIT

FKPWR73



7.3L FORD POWERSTROKE FILTER KIT






FKPWR73

TOOLS NEEDED

- ☐ Drill
- ☐ 7/32" Drill bit for mounting screws
- ☐ 3/8" Socket and wrench for mounting bolts
- ☐ 3/8" Wrench for mounting screws
- ☐ 7/16" Wrench for male hose fitting
- ☐ Utility knife to cut hose




PARTS IDENTIFICATION

The entire Bypass Filter System is included in the 7.3L Ford Powerstroke Kit (FKPWR73) as well as the pieces below.

NAME	SKU	QTY	VISUAL
8 Foot Hose	FHOS	1	
Male Hose Fittings	FMAL	4	
Oetiker Clamps	FOET	4	
90 Degree Elbows	FELB90	2	
Spare Gasket	KBGA	2	

PARTS IDENTIFICATION CONT'D

The entire Bypass Filter System is included in the 7.3L Ford Powerstroke Kit (FKPWR73) as well as the pieces below.

NAME	SKU	QTY	VISUAL
Thread Seal Package	FTHR	1	
3/8 to 1/8 Female Bushing	FBUS38	1	
45 Degree Elbows	FELB45	2	

INSTRUCTIONS

*Be sure to use thread sealer at all connections. This is most important for connections with dissimilar metals (i.e. brass to aluminum). Upon installation, additional oil may be required. Let your engine run for approximately one minute after installation. After one minute, remove your oil dip-stick and add new oil accordingly.

Step 1

Locate a good mounting point for the filter. Mount the filter in a place that the hoses will be easy to reach and will not kink. You need enough room to easily separate the canister from the base to replace the filter media. Your kit comes with (3) screws (FSCR) that attach the mounting bracket (KMOU) to the surface you choose. The filter base (KBAS) will attach to the bracket with the (2) Nut, bolt, and lock washer combos (FWBN) found in your hardware bag.

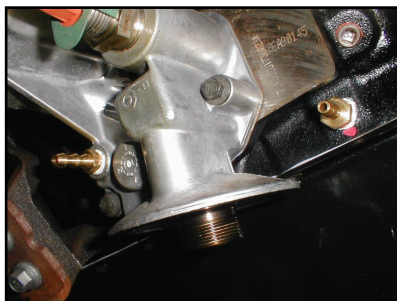
Step 2

Your 7.3 has easy access ports to hook up your Frantz Oil Filter so long as they are not being used for other auxiliary aftermarket parts. Locate them on either side of the OE spin on filter mount. If these ports are already being used, check out the universal instructions for other setup ideas.

INSTRUCTIONS CONT'D

Step 3

Remove the plugs and insert hose fittings (FMAL). The port on the left of the OE filter base will be the pressure feed. The return feed will be on the right. Use 3/8" bushing (FBUS38) in return feed, pictured here.



Step 4

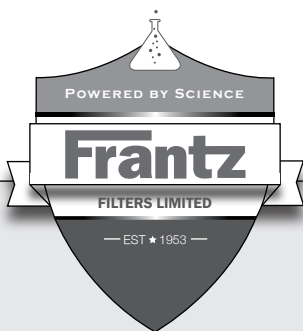
Cut hose (FHOS) to length, and route. Be sure to not run hoses close the fan blade, or touching any hot exhaust parts.

Step 5

The pressure feed line will hook up to the fitting on the center of the filter base bottom labeled "IN," and the return line will hook up to the fitting on the edge of the filter base labeled "OUT". Insert fittings (FMAL) into "In" and "Out" ports on the base. Slip Oetiker clamps (FOET) over hose leading from pressure feed; push hose onto "In" fitting. Slip Oetiker clamp over hose leading from oil return and push hose onto "Out" fitting. Tighten clamps.

Step 6

Start engine and run to operating temperature. Shut engine off, check and retighten all fittings.



The Frantz Warranty and Guarantee

The Frantz Warranty

Frantz Filter Company will replace any part or component that proves defective within 90 days. It will be replaced free of charge (no cost for labor) within that period.

NOTE: If an oil line fails, or an oil leak develops in the Frantz Filter (either through failure of a part, sabotage, or faulty servicing of the unit), and the engine loses its oil supply, Frantz disclaims any responsibility for damage to the engine should it be operated without proper lubrication.

Every vehicle has either a pressure gauge or warning light to indicate that oil pressure is not sufficient to lubricate the engine. When this occurs, it is the responsibility of the driver to stop the vehicle, investigate the problem, and take whatever remedial action is necessary.

The Frantz Guarantee

Frantz Filter Company unconditionally states that if the Frantz Filter has been installed and serviced in accordance with the manufacturer's instructions, the filter will keep the oil in your vehicle analytically clean. If it fails to do so, the purchase price of the unit will be refunded by the manufacturer, provided the filter, all parts and the original sales receipt are returned to Frantz Filter within 90 days of the original installation.

