



# Diesel Filter & Oil Reference Sheet



## Use Original Equipment Motorcraft Filters & Oil Products

Motorcraft® filters & oil products are the preferred choice of Ford Motor Company. They are designed specifically for your Ford Power Stroke Diesel vehicle and have undergone extensive laboratory and on-the-road testing to ensure maximum performance and efficiency.



# Why Motorcraft Filters?

Quality & Confidence - Motorcraft filters meet all new vehicle warranty requirements, reduce engine wear, and

## Air Filter



### 6.7L Engines

- Contains twice the amount of filter media versus conventional pleated filters
- Meets 98.5% efficiency standard in coarse dust testing and has excellent dirt retention properties
- Dry type cleaner elements are chemically treated to withstand damage from oil and moisture
- Tight, leak proof, polyurethane seals and specially designed adhesives ensure performance and withstand elevated under-hood temperatures

### 6.4L & 6.0L Engines



- 99.99% efficient @ one micron\* and larger, holds over three pounds before needing replacement
- Contains twice the amount of filter media versus conventional pleated filters
- Same filter technology as used in the M1 Abrams tank!

## Fuel Filter



- FD4615 kit contains one replacement cartridge, one complete filter assembly, and associated gaskets
- Makes for easier maintenance (less labor) because only one cartridge is replaced and the second filter is replaced as an assembly
- Environmentally friendly top-load cartridge element
- 98% efficient @ 10 microns and larger
- Water removal efficiency is 96.5% or greater



- Environmentally friendly primary and secondary cartridge elements
- 95% efficient @ four microns and larger\*
- Exclusive, patented Aquabloc technology used to treat filter media ensures separation of water from fuel
- Water removal efficiency is 95% or greater

## Oil Filter



- Achieves an efficiency of 98% at 18 microns and holds up to 29 grams of contaminants
- Holds 1.5 quarts of oil
- Rated at 20 microns absolute
- Dust holding capacity of 29 grams
- 100% microglass media
- Silicone anti-drain back valve



- 95% efficient @ 20 microns and larger\*
- Environmentally friendly, top-load, "dripless" cartridge element
- Precisely engineered for your Power Stroke Diesel engine

## Motorcraft Super Duty Diesel Motor Oil

- Specially formulated for use in 6.7L, 6.4L, 6.0L, and 7.3L Power Stroke® Diesel engines
- Low ash formulation designed for conventional and turbocharged diesel engines using Ultra Low Sulfur Diesel Fuel
- Meets API Performance Category CJ-4 (15W-40, 10W-30, 5W-40)
- Minimizes foaming, provides excellent soot control, and fights sludge, varnish, rust, corrosion, and wear

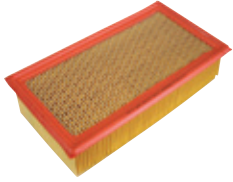


\*For comparison purposes, the diameter of a human hair is approximately 74 microns.



and enhance engine performance and reliability.

### 7.3L Engine



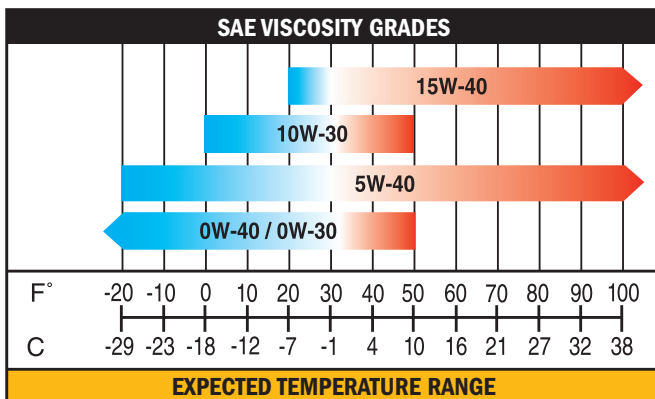
- Meets 98.5% efficiency standard in coarse dust testing and has excellent dirt retention properties
- Dry type cleaner elements are chemically treated to withstand damage from oil and moisture
- Tight, leak proof, polyurethane seals and specially designed adhesives ensure performance and withstand elevated under-hood temperatures



- Environmentally friendly top-load cartridge element
- 98% efficient @ 10 microns and larger\*
- Water removal efficiency is 96.5% or greater



- 98% efficient @ 18 microns and larger\*
- The anti-drain-back valve prevents dry starts with material formulated to resist aging from engine heat



### Motorcraft Air Filters

Model Year	Engine	Part Number
2011-2012	6.7L DIT F-250/550	FA-1902 and FA-1907
2008-2010	6.4L DIT F-250/550	FA-1886
2006-2009	4.5L LCF-Series	FA-1779
2004-2010	6.0L DIT E-Series	FA-1804
2003-2007	6.0L DIT F-250/550, Excursion	FA-1778
2003-2007	6.0L DIT F-650/750	FA-1753
2000-2003	7.3L DIT F-650/750	FA-1738
1999.5-2003	7.3L DIT F-250/550, Excursion	FA-1750
1999	7.3L DIT F-250/550	FA-1675
1995-2003	7.3L DIT E-Series	FA-1618
1994-1998	7.3L DIT F-250/550	FA-1617
1992-1994	7.3L IDI E-Series	FA-1079
1983-1994	6.9L IDI / 7.3L IDI & IDIT F-250/550	FA-1057
1983-1991	6.9L IDI / 7.3L IDI & IDIT E-Series	FA-1057

### Motorcraft Fuel Filters

Model Year	Engine	Part Number
2011-2012	6.7L DIT F-250/550	FD-4615 (kit)
2008-2010	6.4L DIT F-250/550	FD-4617
2006-2009	4.5L LCF-Series	FG-1095
2004-2010	6.0L DIT E-Series	FD-4606
2003-2007	6.0L DIT F-250/550, Excursion	FD-4616
2003-2007	6.0L DIT F-650/750	FD-4596
1998.5-2004	7.3L DIT F-250/750, Excursion, E-Series	FD-4596
1994-1997	7.3L DIT F-250/550, E-Series	FD-4595
1988-1994	7.3L IDI & IDIT F-250/550, E-Series	FD-3375
1983-1987	6.9L IDI F-250 & 350, E-Series	FD-811

### Motorcraft Oil Filters

Model Year	Engine	Part Number
2011-2012	6.7L DIT F-250/550	FL-2051
2008-2010	6.4L DIT F-250/550	FL-2016
2006-2009	4.5L LCF-Series	FL-2029
2003-2010	6.0L DIT F-250/750, E-Series, Excursion	FL-2016
1994-2003	7.3L DIT F-250/750, E-Series, Excursion	FL-1995
1983-1994	6.9L IDI/7.3L IDI & IDIT, E-Series, F-250 & 350	FL-784

## When Should Motorcraft Filters Be Replaced?

- Filters should be replaced as part of scheduled maintenance.
- Listed below are recommended maintenance intervals on select filters and oil.
- Part numbers available at the time of this publication can be found on the previous page.
- A complete maintenance schedule specific to your vehicle can be found in your Owner Guide Diesel Supplement or at the following web address: <http://www.fordowner.com>

### Ford Recommended Normal Maintenance Schedule

Filter Type	6.7L Engine	6.4L Engine	6.0L Engine	7.3L Engine
Air Filter	Check air restriction gauge at every oil change. Replace as needed.	Inspect filter minder every 10,000 miles (16,000 km). Replace as needed.	Inspect filter minder every 7,500 miles (12,000 km). Replace as needed.	Inspect filter minder every 5,000 miles (8,000 km). Replace as needed.
Fuel Filter(s)*	22,500 miles (36,000 km) (Every 3rd oil change)	20,000 miles (32,000 km)	15,000 miles (24,000 km)	15,000 miles (24,000 km)
Oil Filter and Oil	Check Message Center.	10,000 miles (16,000 km)	7,500 miles (12,000 km)	5,000 miles (8,000 km)

### Ford Recommended Special Operating Conditions Schedule\*\*

Filter Type	6.7L Engine	6.4L Engine	6.0L Engine	7.3L Engine
Air Filter	Check air restriction gauge at 7,500 miles (12,000 km). Replace as needed.	Inspect filter minder every 5,000 miles (8,000 km). Replace as needed.	Inspect filter minder every 5,000 miles (8,000 km). Replace as needed.	Inspect filter minder every 3,000 miles (4,800 km). Replace as needed.
Fuel Filter(s)*	15,000 miles (24,000 km), or 600 engine hours	10,000 miles (16,000 km), 400 engine hrs. or 6 months (every other oil & oil filter change)	10,000 miles (16,000 km) or 400 engine hrs. (every other oil & oil filter change)	15,000 miles (24,000 km)
Oil Filter and Oil	Check Message Center.	5,000 miles (8,000 km), 200 engine hrs. or 3 months	5,000 miles (8,000 km), 200 engine hrs. or 3 months	3,000 miles (4,800 km) or 3 months

\* Drain fuel filter/water separator monthly, or sooner, if the WATER IN FUEL light illuminates in the instrument cluster.

\*\* Special Operating Conditions include extensive towing, long idle time, extended low speed driving, biodiesel use, and off road/dusty conditions.



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