

# Description Catalog



**"Setting the Standards"**

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# Dimension's

FASS 95



12 1/8"

8"

FASS 95 Width = 3.5"

FASS 150



14"

8 11/16"

FASS 150 Width = 4.5"

FASS HPFP  
W/EM-1001 Motor



7 3/16"

3"

FASS HPFP  
W/EM-1002 Motor



8 3/4"

3"

# Description of Part's

## FASS 95 Series



### FASS 95/150-1007

**95** = Model/Size  
**150** = GPH  
**1007** = Vehicle App

## FASS 150 Series



### FASS 150/200-1008

**150** = Model/Size  
**200** = GPH  
**1008** = Vehicle App

## HPFP Series



### HPFP 95-1003

**HPFP** = Model  
**95** = GPH  
**1003** = Vehicle App

*Stock to Moderate Applications*  
should be used for all standard vehicles.  
All other applications are for extreme horsepower only.

5/16" suction line may cause fuel supply problems.

Selling/ Installing the wrong **FASS**, **HPFP**, or **Installation kit** can cause severe engine damage.

## Duramax & Powerstroke Applications:

Will Need:

Fuel Line Disconnect Tool

## Description of Part's

EM-1001



EM-1002



**FASS**  
(Fuel/Air Separation System)

Air/Vapor Removal  
High Quality Pump  
Fuel Filter  
Water Separator  
Wire Harness  
Mounting Hardware  
Installation Instructions

**HPFP**  
(High Performance Fuel Pumps)

High Quality Fuel Pump  
Low - High Volumes  
Low - High Fuel Pressures  
Water Separator  
Wire Harness  
Mounting Hardware

**EM-1001**

95 - 150 GPH  
8 - 20 PSI

**EM-1002**

90 - 200 GPH  
12 - 160 PSI

# Accessory's

## **BBRK-1001**

**(Banjo Bolt Replacement Kit)**

3/8" Fuel Line	- - - - -	3ft
3/8" x 3/8" Degree Fittings –mandrel /curved	- - -	2
Larger Injection Pump Fittings	- - - - -	2

Replaces the restrictive banjo bolts between the stock factory fuel filter and the VP44  
(or the suction port of the common rail system).

## **BBRK-1002**

**(Banjo Bolt Replacement Kit)**

3/8" Fuel Line	- - - - -	3ft
3/8" x 3/8" Degree Fittings –mandrel /curved	- - -	2
Larger Injection Pump Fittings	- - - - -	2

Replaces the restrictive banjo bolts between the stock factory fuel filter and the  
suction port of the P7100 (12 valve).

## **IL-1001**

**(indicator light)**

Wire Harness  
Pressure Switch  
Light  
Installation Instructions

System light will monitor fuel pressure.  
When fuel pressure falls below 7psi the in-cab light will come on.

**STK-1001**  
(Suction Tube Kit)

3/8" Bulkhead Grommet	BHF-1001 RS2770
3/8" MPT Suction 12'1/4" Length (Suction Tube)	ST-1001
3/8" MPT (Male Pipe Thread) x 1/2" Flare (90 Degree)	10-299
3/8" x 1/2" Female Push Lock	PL-1002
1/2" x 1/2" Female Push Lock	PL-1005



## 2005-2006 Dodge Ram Cummins 4x4



You will also have:

1/2" Suction Tube Kit

3/8" Fuel Line Kit

Wire Harness Will Include relay

These kits **DO NOT** utilize the factory fuel pump.

\* GPH and PSI's are approximations without engine running. \*

FASS 95/95-1007 (24lbs)

*Stock to Moderate*  
95gph (Motor:EM-1001)  
16psi

FASS 150/95-1007 (29lbs)

FASS 95/150-1007 (24lbs)

*Moderate to Extreme*  
150gph (Motor: EM-1001)  
17psi

FASS 150/150-1007(29lbs)

FASS 95/90-1007@45psi  
(26lbs)

*Super Extreme & Modified CP3*  
90gph (Motor: EM-1002)  
45psi

FASS 150/90-1007@45psi  
(31lbs)

FASS 95/200-1007 (26lbs)  
& **50psi** (Optional)

200gph (Motor: EM-1002)  
18psi  
(or 180gph @ 50psi w/change of spring in kit)

FASS 150/200-1007 (31lbs)  
& **50psi** (Optional)

\*\* Warranty will be 1 year from shipment date. \*\*

\*\* Extended warranty of 6 years is available from purchase date. \*\*

\*\*\* Product must be registered with a copy of receipt!!! \*\*\*



## 1998(1/2)- 2004 Dodge Ram Cummins 4x4



You will also have:

3/8" Fuel Line Kit

1/2" Suction Tube Kit (STK-1001)

Wire Harness Will Include Relay

These kits **DO NOT** utilize the factory fuel pump.

\* GPH and PSI's are approximations without engine running. \*

FASS 95/95-1008 (24lbs)

*Stock to Moderate*  
95gph (Motor: EM-1001)  
16psi

FASS 150/95-1008 (29lbs)

FASS 95/150-1008 (24lbs)

*Moderate to Extreme*  
150gph (Motor: EM-1001)  
17psi

FASS 150/150-1008 (29lbs)

FASS 95/90-1008@45psi  
(26lbs)

*Super Extreme & Modified CP3*  
90gph (Motor: EM-1002)  
45psi

FASS 150/90-1008@45psi  
(31lbs)

FASS 95/200-1008 (26lbs)  
& 45psi (Optional)

200gph (Motor: EM-1002)  
18psi  
(or 180gph @ 45psi w/change of spring in kit)

FASS 150/200-1008 (31lbs)  
& 45psi (Optional)

\*\* Warranty will be 1 year from shipment date. \*\*

\*\* Extended warranty of 6 years is available from purchase date. \*\*

\*\*\* Product must be registered with a copy of receipt!!! \*\*\*



## 94-98 Dodge Ram Cummins 4x4



You will also have:

3/8" fuel line kit

These kits utilize the factory fuel pump.

\* GPH and PSI's are approximations without engine running. \*

FASS 95/95-1009 (24lbs)

*Stock to Moderate*  
95gph (Motor: EM-1001)  
16psi

FASS 150/95-1009 (29lbs)

FASS 95/150-1009 (24lbs)

*Moderate to Extreme*  
150gph (Motor: EM-1001)  
17psi

FASS 150/150-1009 (29lbs)

\*\* Warranty will be 1 year from shipment date. \*\*

\*\* Extended warranty of 6 years is available from purchase date. \*\*

\*\*\* Product must be registered with a copy of receipt!!! \*\*\*



## 1994-1998 Dodge Ram Cummins 4x4 w/ 12 Valve Engine



You will also have: 3/8" Fuel Line Kit

These kits **DO NOT** utilize the factory fuel pump.

\* GPH and PSI's are approximations without engine running. \*

<b>FASS 95/90-1010@45psi</b> (26lbs)	<i>Stock to Moderate</i> 90gph (Motor: EM-1002) 45psi	<b>FASS 150/90-1010@45psi</b> (31lbs)
** Warranty will be 1 year from shipment date. ** ** Extended warranty of 6 years is available from purchase date. **		

<b>FASS 95/180-1010@50psi</b> (26lbs)	<i>Super Extreme</i> 180gph (Motor: EM-1002) 45-50psi	<b>FASS 150/180-1010@45psi</b> (31lbs)
** Warranty will be 1 year from shipment date. ** ** Extended warranty of 6 years is available from purchase date. **		

\*\*\* Product must be registered with a copy of receipt!!! \*\*\*



## 2005-2006 Dodge Ram Cummins HPFP



You will also have:

1/2" Suction Tube Kit

3/8" Fuel Line Kit

These kits **DO NOT** utilize the factory fuel pump.

\* GPH and PSI's are approximations without engine running. \*

HPFP 95-1004 (14lbs)

*Stock to Moderate*

95gph (Motor: EM-1001)

16psi

HPFP 150-1004 (14lbs)

*Moderate to Extreme*

150gph (Motor: EM-1001)

17psi

HPFP 200-1004 (16lbs)

*Super Extreme & Modified CP3*

200gph (Motor: EM-1002)

17psi

Note: Higher Pressures Available When Ordering

\*\* Warranty will be 1 year from shipment date. \*\*

\*\* Extended warranty of 6 years is available from purchase date. \*\*

\*\*\* Product must be registered with a copy of receipt!!! \*\*\*



## 1998(1/2)-2004 Dodge Ram Cummins HPFP



You will also have:

3/8" Fuel Line Kit  
Wire Harness Will Include Relay  
These kits **DO NOT** utilize the factory fuel pump.

\* GPH and PSI's are approximations without engine running. \*

HPFP 95-1003 (14lbs)

*Stock to Moderate*  
95gph (Motor: EM-1001)  
16psi

HPFP 150-1003 (14lbs)

*Moderate to Extreme*  
150gph (Motor: EM-1001)  
17psi

HPFP 200-1003 (16lbs)

*Super Extreme & Modified CP3*  
200gph (Motor: EM-1002)  
17psi  
1/2" Suction Tube Kit (STK-1001) Included  
Note: Higher Pressures Available When Ordering

\*\* Warranty will be 1 year from shipment date. \*\*  
\*\* Extended warranty of 6 years is available from purchase date. \*\*

\*\*\* Product must be registered with a copy of receipt!!! \*\*\*



## 1994-1998 Dodge Ram Cummins w/Mechanical P7100 Injection Pump HPFP



You will also have: 3/8" fuel line kit

\* GPH and PSI's are approximations without engine running. \*

HPFP 95-1001 (14lbs)

*Stock to Moderate*

95gph (Motor: EM-1001)

16psi

This kit utilize the factory fuel pump.

HPFP 150-1001 (14lbs)

*Moderate to Extreme*

(Motor: EM-1001)

150 & 90gph

17 & 45psi

This kit utilize the factory fuel pump.

HPFP 90-1011@45psi (16lbs)

(Motor: EM-1002)

This kit **DOES NOT** utilize  
the factory fuel pump.

HPFP 180-1011@50psi (16lbs)

*Super Extreme*

180gph (Motor: EM-1002)

50psi

This kit **DOES NOT** utilize the factory fuel pump.

\*\* Warranty will be 1 year from shipment date. \*\*

\*\* Extended warranty of 6 years is available from purchase date. \*\*

\*\*\* Product must be registered with a copy of receipt!!! \*\*\*



## 2005-2006 Ford F250 & F350 6.0 Powerstroke



You will also have:

3/8" fuel line kit

This kit utilize the factory fuel pump.

\* GPH and PSI's are approximations without engine running. \*

FASS 95/95-2011 (27lbs)

*Stock to Moderate*  
95gph (Motor: EM-1001)  
16psi

FASS 150/95-2011 (32lbs)

FASS 95/150-2011 (27lbs)

*Moderate to Extreme*  
150gph (Motor: EM-1001)  
17psi

FASS 150/150-2011 (32lbs)

\*\* Warranty will be 1 year from shipment date. \*\*

\*\* Extended warranty of 6 years is available from purchase date. \*\*

\*\*\* Product must be registered with a copy of receipt!!! \*\*\*



## 2005-2006 Ford F250 & F350 6.0 Powerstroke



You will also have:

3/8" fuel line kit

These kits **DO NOT** utilize the factory fuel pump.

\* GPH and PSI's are approximations without engine running. \*

FASS 95/90-2013@50psi  
(29lbs)

*Stock to Moderate*  
90gph (Motor: EM-1002)  
50psi

FASS 150/90-2013@50psi  
(34lbs)

FASS 95/180-2013@50psi  
(29lbs)

*Super Extreme*  
180gph (Motor: EM-1002)  
50psi

FASS 150/180-2013@50psi  
(34lbs)

\*\* Warranty will be 1 year from shipment date. \*\*

\*\* Extended warranty of 6 years is available from purchase date. \*\*

\*\*\* Product must be registered with a copy of receipt!!! \*\*\*



# 1999-2004 Ford F250 & F350 7.3 Powerstroke



You will also have: 3/8" Fuel Line Kit  
These kits utilize the factory fuel pump.

\* GPH and PSI's are approximations without engine running. \*

FASS 95/95-2012 (24lbs)	<i>Stock to Moderate</i> 95gph (Motor: EM-1001) 16psi	FASS 150/95-2012 (24lbs)
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FASS 95/150-2012 (24lbs)	<i>Moderate to Extreme</i> 150gph (Motor: EM-1001) 17psi	FASS 150/150-2012 (29lbs)
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\*\* Warranty will be 1 year from shipment date. \*\*  
\*\* Extended warranty of 6 years is available from purchase date. \*\*

\*\*\* Product must be registered with a copy of receipt!!! \*\*\*



# 1999-2004 Ford F250 & F350 6.0 Powerstroke



You will also have:

3/8" Fuel Line Kit

These kits **DO NOT** utilize the factory fuel pump.

\* GPH and PSI's are approximations without engine running. \*

FASS 95/90-2014@55psi  
(26lbs)

*Stock to Moderate*  
90gph (Motor: EM-1002)  
55psi

FASS 150/90-2014@55psi  
(31lbs)

FASS 95/180-2014@55psi  
(26lbs)

*Super Extreme*  
180gph (Motor: EM-1002)  
55psi

FASS 150/180-2014@55psi  
(31lbs)

\*\* Warranty will be 1 year from shipment date. \*\*  
\*\* Extended warranty of 6 years is available from purchase date. \*\*

\*\*\* Product must be registered with a copy of receipt!!! \*\*\*



## 2003-2006 Ford F250 & F350 6.0 Powerstroke HPFP



You will also have:

3/8" Fuel Line Kit

These kits utilize the factory fuel pump.

\* GPH and PSI's are approximations without engine running. \*

HPFP 95-2007 (14lbs)

*Stock to Moderate*

95gph (Motor: EM-1001)

16psi

HPFP 150-2007 (14lbs)

*Moderate to Extreme*

150gph (Motor: EM-1001)

17psi

\*\* Warranty will be 1 year from shipment date. \*\*

\*\* Extended warranty of 6 years is available from purchase date. \*\*

\*\*\* Product must be registered with a copy of receipt!!! \*\*\*



## 1999-2002 Ford F250 & F350 7.3 Powerstroke HPFP



You will also have:

3/8" Fuel Line Kit

These kits utilize the factory fuel pump.

\* GPH and PSI's are approximations without engine running. \*

HPFP 95-2006 (14lbs)

*Stock to Moderate*

95gph (Motor: EM-1001)

16psi

HPFP 150-2006 (14lbs)

*Moderate to Extreme*

150gph (Motor: EM-1001)

17psi

\*\* Warranty will be 1 year from shipment date. \*\*

\*\* Extended warranty of 6 years is available from purchase date. \*\*

\*\*\* Product must be registered with a copy of receipt!!! \*\*\*



## ???? Ford F250 & F350 7.3 or 6.0 Powerstroke HPFP



You will also have:

3/8" Fuel Line Kit

These kits **DO NOT** utilize the factory fuel pump.

\* GPH and PSI's are approximations without engine running. \*

HPFP 90-2015@??psi (16lbs)

*Stock to Moderate*

90gph (Motor: EM-1002)

50-60psi

HPFP 180-2015@??psi (16lbs)

*Super Extreme*

180gph (Motor: EM-1002)

50-60psi

\*\* Warranty will be 1 year from shipment date. \*\*

\*\* Extended warranty of 6 years is available from purchase date. \*\*

\*\*\* Product must be registered with a copy of receipt!!! \*\*\*



## 2001– 2006’ Chevy Duramax 2500 & 3500 Series



You will also have: 1/2” Fuel Line Kit

\* GPH and PSI’s are approximations without engine running. \*

FASS 95/95-3010 (24lbs)	<i>Stock to Moderate</i> 95gph (Motor: EM-1001) 10psi	FASS 150/95-3010 (29lbs)
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FASS 95/150-3010 (24lbs)	<i>Moderate to Extreme</i> 150gph (Motor: EM-1001) 12psi	FASS 150/150-3010 (29lbs)
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FASS 95/200-3010 (26lbs)	<i>Super Extreme</i> 200gph (Motor: EM-1002) 15psi	FASS 150/200-3010 (31lbs)
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\*\* Warranty will be 1 year from shipment date. \*\*  
\*\* Extended warranty of 6 years is available from purchase date. \*\*

\*\*\* Product must be registered with a copy of receipt!!! \*\*\*



## 2001-2006 Chevy Duramax (2500 & 3500 Series) HPFP



You will also have: 1/2" Fuel Line Kit

\* GPH and PSI's are approximations without engine running. \*

HPFP 95-3008 (14lbs)	<i>Stock to Moderate</i> 95gph (Motor: EM-1001) 13psi
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HPFP 150-3008 (14lbs)	<i>Moderate to Extreme</i> 150gph (Motor: EM-1001) 15psi
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HPFP 200-3008 (16lbs)	<i>Super Extreme</i> 200gph (Motor: EM-1002) 15psi
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\*\* Warranty will be 1 year from shipment date. \*\*  
 \*\* Extended warranty of 6 years is available from purchase date. \*\*

\*\*\* Product must be registered with a copy of receipt!!! \*\*\*



Caterpillar Models A, B, C, E & C Series Electronic Engines, Cummins M11, N14 (Fully Electronic) & ISX  
Detroit Diesel Series 50 & 60 Mack Engines



FASS 150 series is recommended for Semi or Heavy duty equipment applications.

\* GPH and PSI's are approximations without engine running. \*

FASS 95/95 (19lbs)

*Stock to Moderate*  
95gph (Motor: EM-1001)  
10psi

FASS 150/95 (24lbs)

FASS 95/150 (19lbs)

*Moderate to Extreme*  
150gph (Motor: EM-1001)  
12psi

FASS 150/150 (24lbs)

FASS 95/200 (21lbs)

*Super Extreme*  
200gph (Motor: EM-1002)  
15psi  
In-tank suction tube must be at least 3/8" I.D.

FASS 150/200 (26lbs)

\*\* Warranty will be 1 year from shipment date. \*\*  
\*\* Extended warranty of 2 years is available from purchase date. \*\*

\*\*\* Product must be registered with a copy of receipt!!! \*\*\*



## Unit Injected Mechanical Engines

(e.g. Mechanical Detroit, Big Cam Cummins NTC/STC w/PT)



FASS 150 series is recommended for Semi or Heavy duty equipment applications.

\* GPH and PSI's are approximations without engine running. \*

FASS 95/95-UIME (19lbs)	<i>Stock to Moderate</i> 95gph (Motor: EM-1001) 10psi	FASS 150/95-UIME (24lbs)
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FASS 95/150-UIME (19lbs) (24lbs)	<i>Moderate to Extreme</i> 150gph (Motor: EM-1001) 12psi	FASS 150/150-UIME
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FASS 95/200-UIME (21lbs) (26lbs)	<i>Super Extreme</i> 200gph (Motor: EM-1002) 15psi In-tank suction tube must be at least 3/8" I.D.	FASS 150/200-UIME
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\*\* Warranty will be 1 year from shipment date. \*\*  
\*\* Extended warranty of 2 years is available from purchase date. \*\*

\*\*\* Product must be registered with a copy of receipt!!! \*\*\*



## Other FASS Applications



**FASS 95/80@65psi (21lbs)**

**FASS 150/80@60psi (26lbs)**

80gph (Motor: EM-1002)  
60-65psi

\*\* Warranty will be 1 year from shipment date. \*\*

\*\* Extended warranty of 2 years is available from purchase date. \*\*

\* GPH and PSI's are approximations without engine running. \*

**FASS 95/90@50psi (21lbs)**

**FASS 150/90@45psi(26lbs)**

90gph (Motor: EM-1002)  
45-50psi

\*\* Warranty will be 1 year from shipment date. \*\*

\*\* Extended warranty of 2 years is available from purchase date. \*\*

**FASS 95/180@50psi (21lbs)  
(26lbs)**

**FASS 150/180@45psi**

180gph (Motor: EM-1002)  
45-50psi

**In-tank suction tube must be at least 3/8" I.D.**

\*\* Warranty will be 1 year from shipment date. \*\*

\*\* Extended warranty of 2 years is available from purchase date. \*\*

\*\*\* Product must be registered with a copy of receipt!!! \*\*\*

Revised Date: 4-2-07