

Engine Spin-on Series

Racor quality in one easy spin! The Racor Engine Spin-on Series is designed to directly replace existing engine fuel filters and features high-capacity Aquabloc® II elements that remove contaminants and water. Optional accessories may include: mounting heads, fuel heaters, water detection kits, hose, fittings and more. A wide variety of Engine Spin-on Series assemblies are available to fit most applications.



And many more...



Parker Hannifin Corporation
Racor Division, PO Box 3208
Modesto, CA 95354 USA
Phone: 800.344.3286
Fax: 209.529.3278
E-mail: racor@parker.com
www.parker.com/racor



Mobile Fuel Filtration

Engine Spin-on Series

How to Order

B120	S
Basic Model Number (includes element & bowl)	Specify a micron rating: S (2 micron) T (10 micron) P (30 micron)

Specifications	B120
Maximum Flow Rate	120 GPH (454 LPH)
Replacement Element: (2 micron) (10 micron) (30 micron)	R120S R120T R120P
Element Height	8.5 in. (22 cm)
Bowl and Element Height	12 in. (30 cm)
Diameter	4.38 in. (11 cm)
Center Threads	1"-14
Solids Capacity	18.2 oz. (515 grams)
Case Quantity	6
H₂O Removal Efficiency	99%
Operating Temperature	-40° to +255°F (-40° to 124°C)



B120S
Assembly

RACOR

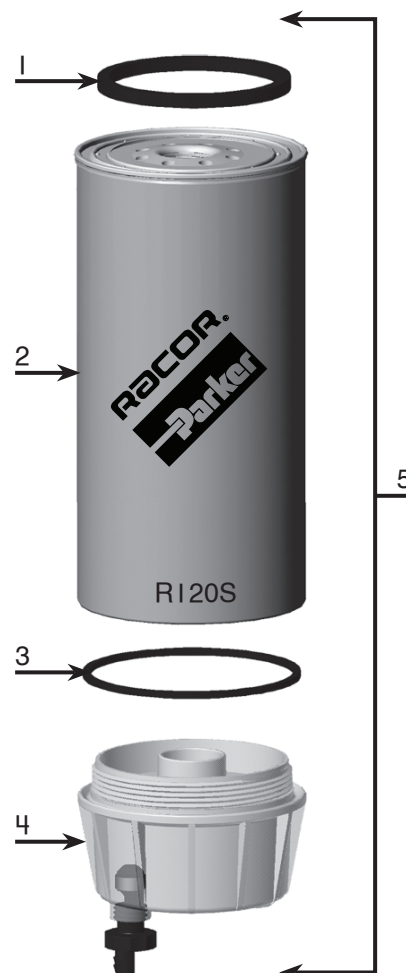
Technical Support:
800.344.3286 ext. 7555
racortech@parker.com

Engine Spin-on Series

Replacement Parts

B120

	<u>Part Number</u>	<u>Description</u>
1.	20505	Element Gasket
2.	Replacement Elements:	
	R120S	2 micron
	R120T	10 micron
	R120P	30 micron
3.	30965	Bowl O-ring
4.	RK30480	Standard Bowl Assembly (no water sensor port - see note below)
	RK30063	Clear Bowl Kit (non-heated)
	RK30900	Heated, Clear Bowl Kit (12 volt dc, 200 watt, no water sensor port)
	RK30925	Heated, Clear Bowl Kit (24 volt dc, 200 watt, no water sensor port)
5.	Bowl and Element Assembly (includes #'s 1 - 4)	
	B120S	2 micron
	B120T	10 micron
	B120P	30 micron
	Additional Parts (not shown)	
	RK30880	Water Detection Kit (other kits are available - see Accessories)
	RK21539	Gasket Pack (includes #'s 1 and 3)



The standard B120 bowl does not have a water sensor port. Bowls with water sensor ports are available as replacement kits (see item #4 above). Do not use water sensors on gasoline applications.

Mobile Fuel Filtration

Engine Spin-on Series

How to Order

S3201	S
Basic Model Number (includes element and bowl)	Specify a micron rating: S (2 micron) T (10 micron) P (30 micron)



S3201S
Filter

Specifications	S3201
OEM Applications	Cummins or ThermoKing
Maximum Flow Rate	90 GPH (341 LPH)
Element Height	7.4 in. (18.8 cm)
Bowl and Element Height	10.6 in. (26.9 cm)
Diameter	3.82 in. (9.7 cm)
Center Threads	1"-14
Solids Capacity	11.6 oz. (329 grams)
Case Quantity	12
H₂O Removal Efficiency	99%
Operating Temperature	-40° to +255°F (-40° to 124°C)

Cross References

All Racor S3201 replacement elements meet or exceed OEM specifications and replace all of the following filter numbers:

OEM	AC	Baldwin	Fleetguard	Fram	Purolator	Wix
Cummins: 138627 154709 156172 202893	TP619 TP629 TP811 TP972	BF7557 BF948 BF948D BF957 BF957D	FF104 FF105 FF105C/D FS1212 FF213	PI101PL	6683776 6694036 PER15 PER23-1 PER23-2	33107

RACOR®

Technical Support:
800.344.3286 ext. 7555
racortech@parker.com



Engine Spin-on Series

Replacement Parts

S3201

- | Part Number | Description |
|---|--|
| 1. RK30287 | Optional Mounting Head Kit (7/8"-14 UNF Ports) |
| 2. 30563 | Thread Gasket |
| 3. 10503 | Element Gasket |
| 4. Replacement Elements (includes #'s 2 to 5) | |
| S3201S | (2 micron) |
| S3201T | (10 micron) |
| S3201P | (30 micron) |
| 5. 30076 | Bowl O-ring |
| 6. RK30475 | Optional Clear Bowl Kit (no water sensor port - see note below) |
| RK30051 | Non-heated, Clear Bowl Kit |
| RK30895 | Heated, Clear Bowl Kit (12 vdc, 200 watt, no water sensor port) |
| RK30924 | Heated, Clear Bowl Kit (24 vdc, 200 watt, no water sensor port) |
| RK30745-01 | Non-heated, Metal Bowl Kit |
| 7. RK30880 | Water Detection Kit (other kits are available - see Accessories) |

Additional Parts (not shown)

- | | |
|--------------|--|
| 30562 | Gasket Pack (includes #'s 2, 3, and 5) |
|--------------|--|



The standard S3201 bowl does not have a water sensor port. Bowls with water sensor ports are available as replacement kits (see item #6 above). Do not use water sensors on gasoline applications.

Mobile Fuel Filtration

Engine Spin-on Series

Specifications	B32002
<i>OEM Applications</i>	Detroit Diesel
<i>Maximum Flow Rate</i>	90 GPH (341 LPH)
<i>Replacement Element: (30 micron)</i>	S3202
<i>Element Height</i>	7.4 in. (18.8 cm)
<i>Bowl and Element Height</i>	10.6 in. (26.9 cm)
<i>Diameter</i>	3.82 in. (9.7 cm)
<i>Center Threads</i>	1"-12
<i>Solids Capacity</i>	19.6 oz. (557 grams)
<i>Case Quantity</i>	12
<i>H₂O Removal Efficiency</i>	99%
<i>Operating Temperature</i>	-40° to +255°F (-40° to 124°C)



B32002
Assembly

Cross References

All Racor B32002/S3202 replacement elements meet or exceed OEM specifications and replace all of the following filter numbers:

OEM	AC	Baldwin	Fleetguard	Fram	Purolator	Wix
DDA: 6438839	T815 T915	BF580	FF207 FS1213	P1146	PER96	33118

RACOR

Technical Support:
800.344.3286 ext. 7555
racortech@parker.com



Engine Spin-on Series

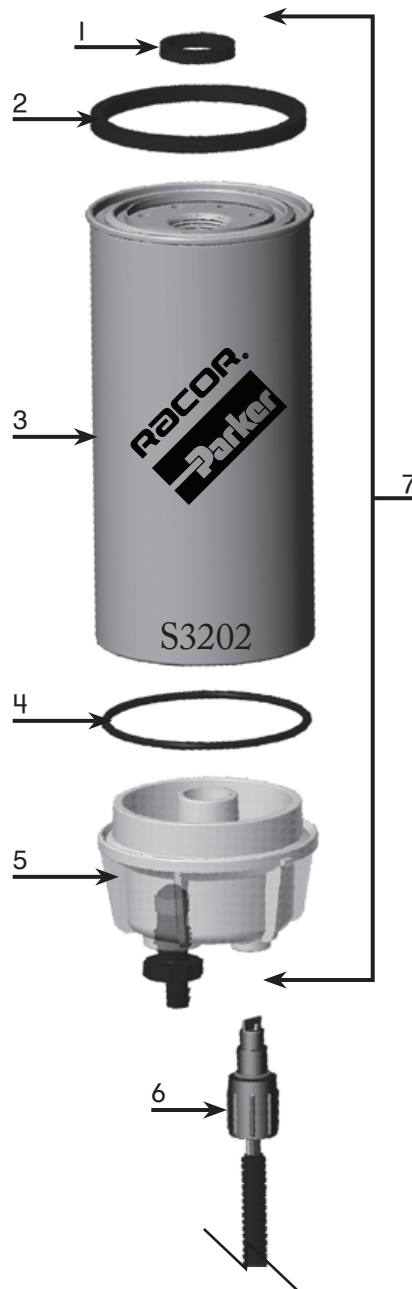
Replacement Parts

B32002/S3202

Part Number	Description
1. 30563	Thread Gasket
2. 20505	Element Gasket
3. Replacement Element (includes #'s 1 to 4) S3202	(30 micron)
4. 30076	Bowl O-ring
5. RK30475	Clear Bowl Kit (no water sensor port - see note below)
RK30051	Clear, Non-heated Bowl Kit
RK30745-01	Non-heated, Metal Bowl Kit
RK30895	Heated, Clear Bowl Kit (12 volt dc, 200 watt, no water sensor port)
RK30924	Heated, Clear Bowl Kit (24 volt dc, 200 watt, no water sensor port)
6. RK30880	Water Detection Kit (other kits are available - see Accessories)
7. Bowl and Element Assembly (includes #'s 1 - 5) B32002	(30 micron)

Additional Parts (not shown)

21381	Gasket Pack (includes #'s 1, 2, and 4)
--------------	---



The standard B32002 bowl has no water sensor port. Bowls with water sensor ports are available as replacement kits (see item #5 above). Do not use water sensors on gasoline applications.

Mobile Fuel Filtration

Engine Spin-on Series

Specifications	B32003
OEM Applications	Caterpillar or Navistar
Maximum Flow Rate	90 GPH (341 LPH)
Replacement Element: (2 micron)	S3203
Element Height	5.5 in. (14.0 cm)
Bowl and Element Height	8.7 in. (22.1 cm)
Diameter	3.82 in. (9.7 cm)
Center Threads	1"-14
Solids Capacity	7.1 oz. (201 grams)
Case Quantity	12
H₂O Removal Efficiency	99%
Operating Temperature	-40° to +255°F (-40° to 124°C)



B32003
Assembly

Cross References

All Racor B32003/S3203 replacement elements meet or exceed OEM specifications and replace all of the following filter numbers:

OEM	AC	Baldwin	Fleetguard	Fram	Purolator	Wix
Caterpillar: 1P2299 6L7440	TP619 TP877	BF957 BF970 BF979	FF5020 FS104 FS1212	P1101PL P1104 P1118	PER15 PER35 PER39 PER53	33107 33341 33352
Cummins: 138627			FS1214 FS1215			
International: 625627C1			FS1225 FS185			

RACOR

Technical Support:
800.344.3286 ext. 7555
racortech@parker.com

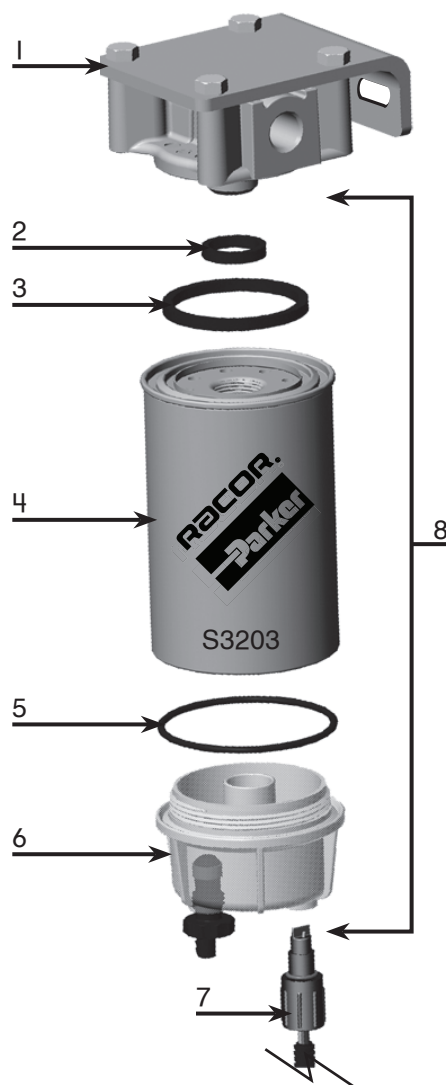


Engine Spin-on Series

Replacement Parts

B32003/S3203

<u>Part Number</u>	<u>Description</u>
1. RK30287	Optional Mounting Head Kit (7/8"-14 UNF ports)
2. 30563	Thread Gasket
3. 10503	Element Gasket
4. Replacement Element (includes #'s 2 to 5) S3203	(2 micron)
5. 30076	Bowl O-ring
6. RK30475	Clear Bowl Kit (no water sensor port - see note below)
RK30051	Clear, Non-heated Bowl Kit
RK30745-01	Non-heated, Metal Bowl Kit
RK30895	Heated, Clear Bowl Kit (12 volt dc, 200 watt, no water sensor port)
RK30924	Heated, Clear Bowl Kit (24 volt dc, 200 watt, no water sensor port)
7. RK30880	Water Detection Kit (other kits are available, see Accessories)
8. Bowl and Element Assembly (includes #'s 2 - 6) B32003	(2 micron)
Additional Parts (not shown)	
30562	Gasket Pack (includes #'s 2, 3, and 5)



The standard B32003 bowl has no water sensor port. Bowls with water sensor ports are available as replacement kits (see item #6 above). Do not use water sensors on gasoline applications.

Mobile Fuel Filtration

Engine Spin-on Series

How to Order

B32004	S
Basic Model Number (includes element & bowl)	Specify a micron rating: S (2 micron) T (10 micron) P (30 micron)

Specifications	B32004
OEM Applications	Navistar
Maximum Flow Rate	40 GPH (151 LPH)
Replacement Element: (2 micron) (10 micron) (30 micron)	S3204S S3204T S3204P
Element Height	4.0 in. (10.2 cm)
Bowl and Element Height	7.2 in. (18.3 cm)
Diameter	3.82 in. (9.7 cm)
Center Threads	1"-14
Solids Capacity	9.0 oz. (255 grams)
Case Quantity	12
H₂O Removal Efficiency	99%
Operating Temperature	-40° to +255°F (-40° to 124°C)



B32004S
Assembly

Cross References

All Racor B32004/S3204 replacement elements meet or exceed OEM specifications and replace all of the following filter numbers:

OEM	AC	Baldwin	Fleetguard	Fram	Purolator	Wix
International: 625625C1	TP807	BF984	FF196 FS1220	P1117 P3767	PER35	33239

RACOR

Technical Support:
800.344.3286 ext. 7555
racortech@parker.com

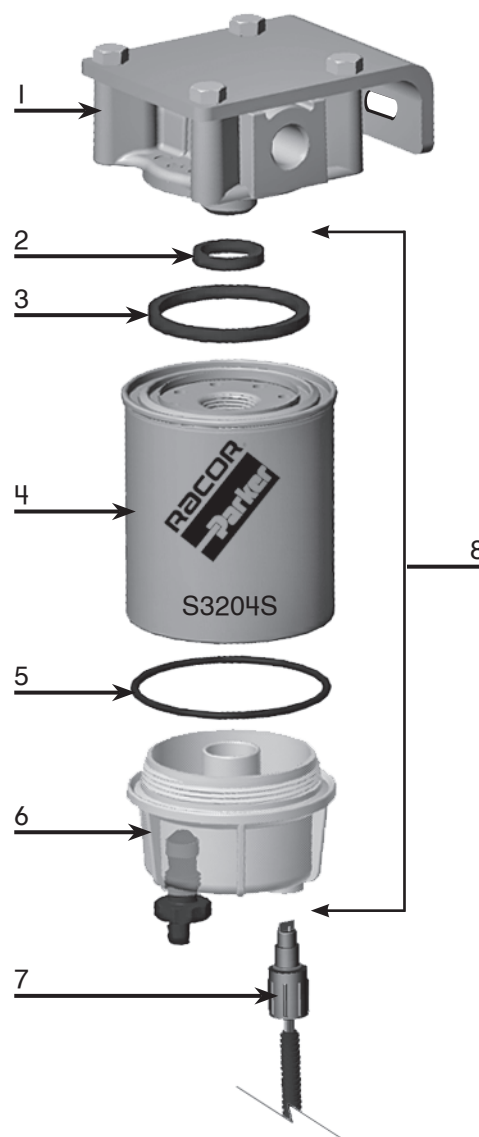


Engine Spin-on Series

Replacement Parts

B32004/S3204

Part Number	Description
1. RK30287	Optional Mounting Head Kit (7/8"-14 UNF ports)
2. 30563	Thread Gasket
3. 10503	Element Gasket
4. Replacement Elements (includes #'s 2 to 5)	
S3204S	(2 micron)
S3204T	(10 micron)
S3204P	(30 micron)
5. 30076	Bowl O-ring
6. RK30475	Clear Bowl Kit (no water sensor port - see note below)
RK30051	Clear, Non-heated Bowl Kit
RK30745-01	Non-heated, Metal Bowl Kit
RK30895	Heated, Clear Bowl Kit (12 volt dc, 200 watt, no water sensor port)
RK30924	Heated, Clear Bowl Kit (24 volt dc, 200 watt, no water sensor port)
7. RK30880	Water Detection Kit (other kits are available - see Accessories)
8. Bowl and Element Assembly (includes #'s 2 - 6)	
B32004S	(2 micron)
B32004T	(10 micron)
B32004P	(30 micron)
Additional Parts (not shown)	
30562	Gasket Pack (includes #'s 2, 3, and 5)



The standard B32004 bowl has no water sensor port. Bowls with water sensor ports are available as replacement kits (see item #6 above). Do not use water sensors on gasoline applications.

Mobile Fuel Filtration

Engine Spin-on Series

Specifications	S3205
<i>OEM Applications</i>	Mack
<i>Maximum Flow Rate</i>	90 GPH (341 LPH)
<i>Replacement Element: (30 micron)</i>	S3205
<i>Element Height</i>	6.3 in. (16.0 cm)
<i>Bowl and Element Height</i>	9.8 in. (24.9 cm)
<i>Diameter</i>	4.38 in. (11.1 cm)
<i>Center Threads</i>	1"-14
<i>Solids Capacity</i>	19.1 oz. (541 grams)
<i>Case Quantity</i>	6
<i>H₂O Removal efficiency</i>	99%
<i>Operating Temperature</i>	-40° to +255°F (-40° to 124°C)



S3205
Element

Cross References

All Racor S3205 replacement elements meet or exceed OEM specifications and replace all of the following filter numbers:

OEM	AC	Baldwin	Fleetguard	Fram	Purolator	Wix
Mack: 483GB219A	TP635	BF877	FF172 FS1219	F1109	PER31	33219

RACOR

Technical Support:
800.344.3286 ext. 7555
racortech@parker.com



Engine Spin-on Series

Replacement Parts

S3205

<u>Part Number</u>	<u>Description</u>
1. 10503	Element Gasket
2. Replacement Elements (includes #'s 1 to 3) S3205	(30 micron)
3. 30965	Bowl O-ring
4. RK30480	Optional Clear Bowl Kit (no water sensor port - see note below)
RK30063	Non-heated, Clear Bowl Kit
RK21640	Non-heated, Metal Bowl Kit
RK30900	Heated, Clear Bowl Kit (12 volt dc, 200 watt, no water sensor port)
RK30925	Heated, Clear Bowl Kit (24 volt dc, 200 watt, no water sensor port)
5. RK30880	Optional Water Detection Kit (other kits are available - see Accessories)

Additional Parts (not shown)

22310	Gasket Pack (includes #'s 1 and 3)
--------------	---------------------------------------



Mobile Fuel Filtration

Engine Spin-on Series

Specifications	S3206
<i>OEM Applications</i>	Caterpillar
<i>Maximum Flow Rate</i>	90 GPH (341 LPH)
<i>Replacement Element: (2 micron)</i>	S3206
<i>Element Height</i>	8.5 in. (21.6 cm)
<i>Bowl and Element Height</i>	12.0 in. (30.5 cm)
<i>Diameter</i>	4.38 in. (11.1 cm)
<i>Center Threads</i>	1"-14
<i>Solids Capacity</i>	18.2 oz. (515 grams)
<i>Case Quantity</i>	6
<i>H₂O Removal Efficiency</i>	99%
<i>Operating Temperature</i>	-40° to +255°F (-40° to 124°C)



S3206

S3206
Element

Cross References

All Racor S3206 replacement elements meet or exceed OEM specifications and replace all of the following filter numbers:

OEM	AC	Baldwin	Fleetguard	Fram	Purolator	Wix
Caterpillar: 4N5823	TP-920	BF-584	FF211 FS1218	P3376	PER85	33384

RACOR

Technical Support:
800.344.3286 ext. 7555
racortech@parker.com



Engine Spin-on Series

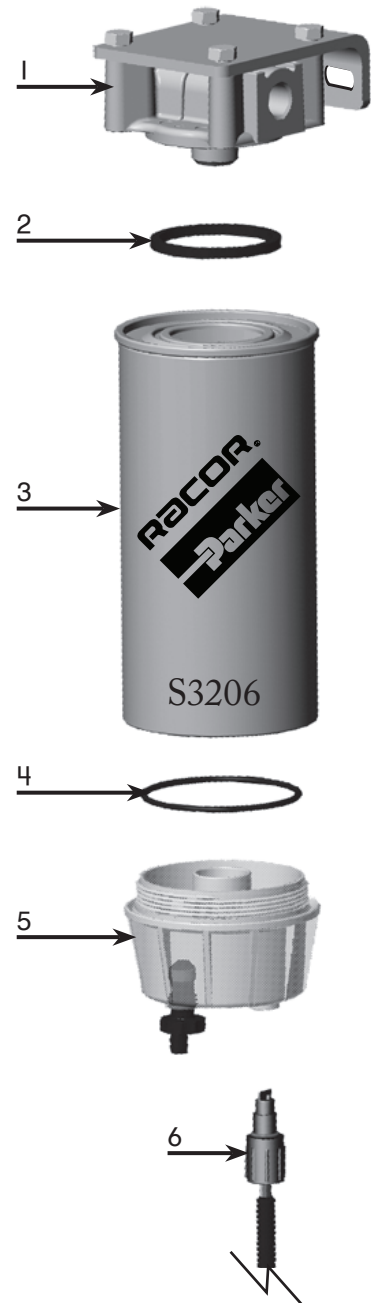
Replacement Parts

S3206

- | Part Number | Description |
|---|---|
| 1. RK30287 | Optional Mounting Head Kit (7/8"-14 UNF ports) |
| 2. I0503 | Element Gasket |
| 3. Replacement Elements (includes #'s 2 to 4) | |
| S3206 | (2 micron) |
| 4. 30965 | Bowl O-ring |
| 5. RK30480 | Optional Clear Bowl Kit (no water sensor port - see notes below) |
| RK30063 | Non-heated, Clear Kit |
| RK21640 | Non-heated, Metal Bowl |
| RK30900 | Heated, Clear Bowl (12 volt dc, 200 watt, no water sensor port) |
| RK30925 | Heated, Clear Bowl (24 volt dc, 200 watt, no water sensor port) |
| 6. RK30880 | Optional Water Detection Kit (Other kits are available - see Accessories) |

Additional Parts (not shown)

- | | |
|--------------|------------------------------------|
| 22310 | Gasket Pack (includes #'s 2 and 4) |
|--------------|------------------------------------|



Mobile Fuel Filtration

Engine Spin-on Series

How to Order

B32007	P
Basic Model Number (includes element & bowl)	Specify a micron rating P (30 micron)

Specifications	B32007
OEM Applications	Cummins
Maximum Flow Rate	180 GPH (68 l LPH)
Replacement Element: (30 micron)	S3207P
Element Height	9.9 in. (25.1 cm)
Bowl and Element Height	13.5 in. (34.3 cm)
Diameter	5.09 in. (12.9 cm)
Center Threads	1/4" -14
Solids Capacity	28.4 oz. (804 grams)
Case Quantity	6
Operating Temperature	-40° to +255°F (-40° to 124°C)



B32007P
Assembly

Cross References

All Racor B32007P/S3207P replacement elements meet or exceed OEM specifications and replace all of the following filter numbers:

OEM	AC	Baldwin	Fleetguard	Fram	Purolator	Wix
Cummins: 299202	TP-917	BF-596	FF202 FS1216	P3430	PER134	33116

RACOR®

Technical Support:
800.344.3286 ext. 7555
racortech@parker.com

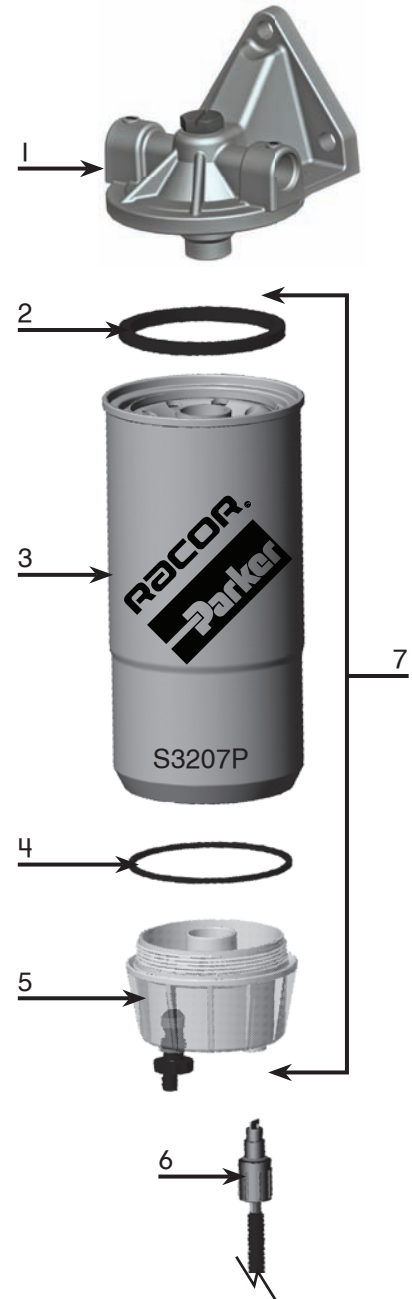


Engine Spin-on Series

Replacement Parts

B32007P/S3207P

Part Number	Description
1. 31547-16	Optional Mounting Head Kit (7/8"-14 UNF ports)
2. 30604	Element Gasket
3. Replacement Elements (includes #'s 2 to 4)	
S3207P	(30 micron)
4. 30965	Bowl O-ring
5. RK30480	Clear Bowl Kit (no water sensor port - see note below)
RK30063	Non-heated, Clear Bowl Kit
RK21640	Non-heated, Metal Bowl Kit
RK30900	Heated, Clear Bowl Kit (12 volt dc, 200 watt, no water sensor port)
RK30925	Heated, Clear Bowl Kit (24 volt dc, 200 watt, no water sensor port)
6. RK30880	Water Detection Kit (other kits are available - see Accessories)
7. Bowl and Element Assembly (includes #'s 2 - 5)	
B32007P	(30 micron)
Additional Parts (not shown)	
22311	Gasket Pack (includes #'s 2 and 4)



The standard B32007 bowl has no water sensor port. Bowls with water sensor ports are available as replacement kits (see item #5 above). Do not use water sensors on gasoline applications.

Mobile Fuel Filtration

Engine Spin-on Series

How to Order

B32008	P
Basic Model Number (includes element & bowl)	Specify a micron rating: P (30 micron)

Specifications	B32008
OEM Applications	Deutz or Volvo
Maximum Flow Rate	30 GPH (114 LPH)
Replacement Element: (2 micron) (10 micron) (30 micron)	S3208P
Element Height	5.25 in. (13.3 cm)
Bowl and Element Height	7.25 in. (18.4 cm)
Diameter	2.85 in. (7.2 cm)
Center Threads	16mm X 1.5
Solids Capacity	9.7 oz. (275 grams)
Case Quantity	12
H₂O Removal Efficiency	99%
Operating Temperature	-40° to +255°F (-40° to 124°C)



B32008P
Assembly

Cross References

All Racor B32008P/S3208P replacement elements meet or exceed OEM specifications and replace all of the following filter numbers:

OEM	AC	Baldwin	Fleetguard	Fram	Purolator	Wix
Deutz: Q1H4117 Volvo: 243004	TP-961	BF-993	FF1221 FF202	P4102	PC-42	33195 336P

RACOR

Technical Support:
800.344.3286 ext. 7555
racortech@parker.com

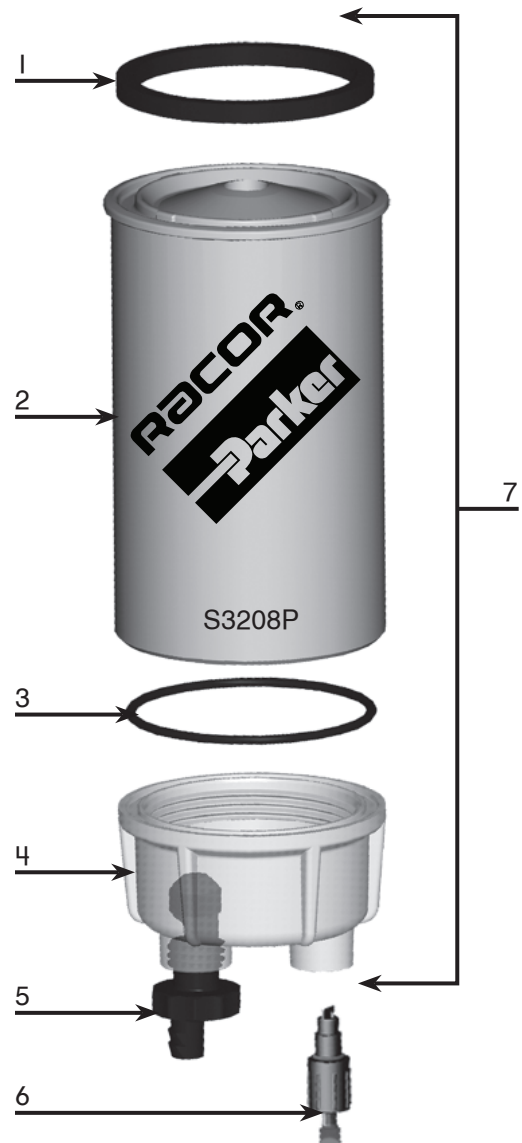


Engine Spin-on Series

Replacement Parts

B32008P/S3208P

Part Number	Description
1. 10503	Element Gasket
2. Replacement Elements (includes #'s 1 to 3) S3208P	(30 micron)
3. 10012	Bowl O-ring
4. RK21544	Clear Bowl Kit (no water sensor port - see notes below)
RK10215	Non-heated, Clear Bowl Kit
RK10109	Non-heated Metal Bowl Kit
5. 10054	Self-venting Drain
6. RK30880	Water Detection Kit (other kits are available - see Accessories)
7. Bowl and Element Assembly (includes #'s 1 - 4) B32008P	(30 micron)



The standard B32008 bowl has no water sensor port. Other bowls with water sensor ports are available as replacement kits (see item #4 above). Water sensors are not for use with gasoline applications.

Mobile Fuel Filtration

Engine Spin-on Series

How to Order

B32009	S
Basic Model Number (includes element & bowl)	Specify a micron rating: S (2 micron) T (10 micron) P (30 micron)

Specifications	B32009
OEM Applications	Mann
Maximum Flow Rate	60 GPH (227 LPH)
Replacement Element: (2 micron) (10 micron) (30 micron)	S3209S S3209T S3209P
Element Height	5.5 in. (14.0 cm)
Bowl and Element Height	8.8 in. (22.4 cm)
Diameter	3.82 in. (9.7 cm)
Center Threads	16mm X 1.5
Solids Capacity	13.7 oz. (388 grams)
Case Quantity	12
Operating Temperature	-40° to +255°F (-40° to 124°C)



B32009S
Assembly

Cross References

All Racor B32009/S3209 replacement elements meet or exceed OEM specifications and replace all of the following filter numbers:

OEM	AC	Baldwin	Fleetguard	Fram	Purolator	Wix
Mann: WK962/4 DAF: 247138	N/A	BF980	FF4070	PS6837	PC45	33449

RACOR

Technical Support:
800.344.3286 ext. 7555
racortech@parker.com



Engine Spin-on Series

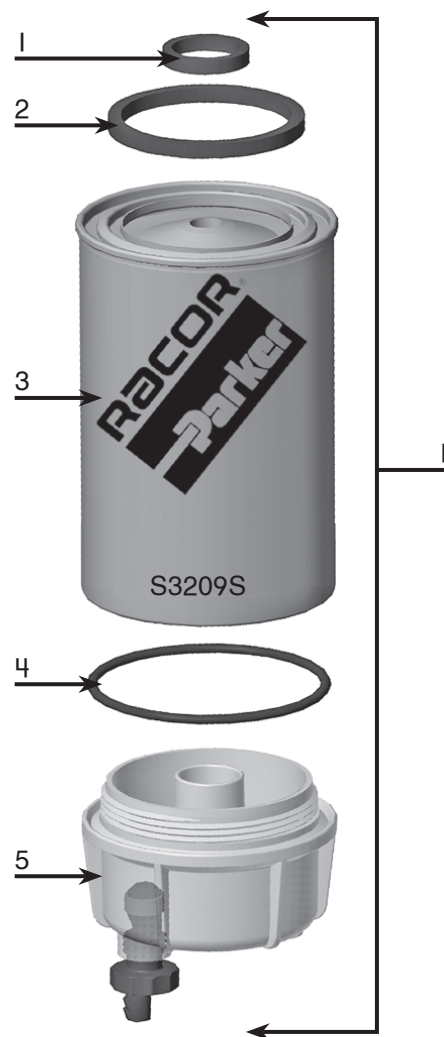
Replacement Parts

B32009/S3209

<u>Part Number</u>	<u>Description</u>
1. 30563	Thread Gasket
2. 10503	Element Gasket
3. Replacement Elements (includes #'s 1 to 4)	
S3209S	(2 micron)
S3209T	(10 micron)
S3209P	(30 micron)
4. 30076	Bowl O-ring
5. RK30475	Clear Bowl Kit (no water sensor port - see note below)
RK30051	Non-heated, Clear Bowl Kit
RK30745-01	Non-heated, Metal Bowl Kit
RK30895	Heated, Clear Bowl Kit (12 vdc, 200 watt no water sensor port)
RK30924	Heated, Clear Bowl Kit (24 vdc, 200 watt no water sensor port)
6. Bowl and Element Assembly (includes #'s 1 - 5)	
B32009S	(2 micron)
B32009T	(10 micron)
B32009P	(30 micron)

Additional Parts (not shown)

RK30880	Water Detection Kit (other kits are available - see Accessories)
30562	Gasket Pack (includes #'s 1, 2, and 4)



The standard B32009 bowl has no water sensor port. Bowls with water sensor ports are available as replacement kits (see item #5 above). Do not use water sensors on gasoline applications.

Mobile Fuel Filtration

Engine Spin-on Series

Specifications	B32012
<i>OEM Applications</i>	GM or Detroit Diesel
<i>Maximum Flow Rate</i>	90 GPH (341 LPH)
<i>Replacement Element: (30 micron)</i>	S3212
<i>Element Height</i>	4.0 in. (10.2 cm)
<i>Bowl and Element Height</i>	7.3 in. (18.5 cm)
<i>Diameter</i>	3.82 in. (9.7 cm)
<i>Center Threads</i>	1"-12
<i>Solids Capacity</i>	8.2 oz. (233 grams)
<i>Case Quantity</i>	12
<i>Operating Temperature</i>	-40° to +255°F (-40° to 124°C)



B32012
Assembly

Cross References

All Racor B32012/S3212 replacement elements meet or exceed OEM specifications and replace all of the following filter numbers:

OEM	AC	Baldwin	Fleetguard	Fram	Purolator	Wix
N/A	TP-936	BF-592	FF235	P2594	PER227F	33121

RACOR[®]

Technical Support:
800.344.3286 ext. 7555
racortech@parker.com



Engine Spin-on Series

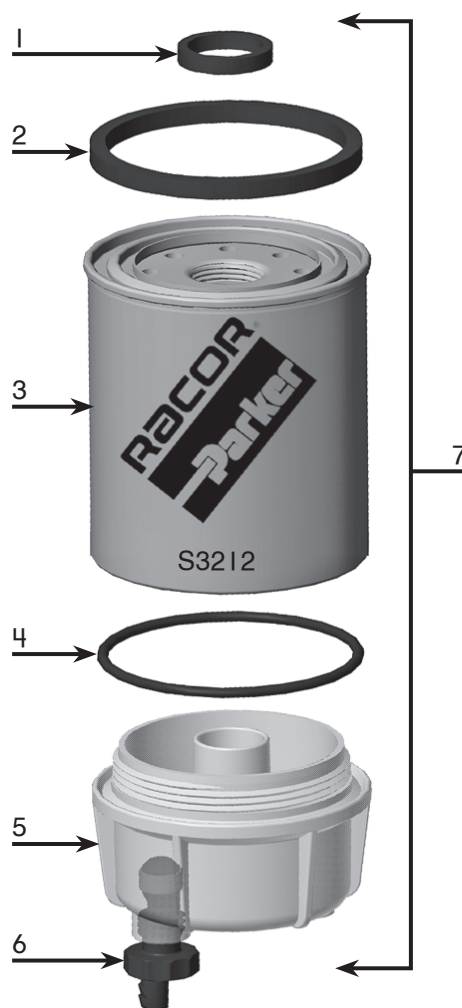
Replacement Parts

B320012/S3212

Part Number	Description
1. 30563	Thread Gasket
2. 20505	Element Gasket
3. Replacement Elements (includes #'s 1 to 4) S3212	(30 micron)
4. 30076	Bowl O-ring
5. RK30475	Clear Bowl Kit (no water sensor port - see note below)
RK30051	Non-heated, Clear Bowl Kit
RK30745-01	Non-heated, Metal Bowl Kit
RK30895	Heated, Clear Bowl Kit (12 vdc, 200 watt, no water sensor port)
RK30924	Heated, Clear Bowl Kit (24 vdc, 200 watt, no water sensor port)
6. RK30476	Self Venting Drain Kit
7. Bowl and Element Assembly (includes #'s 1 - 5) B32012	(30 micron)

Additional Parts (not shown)

RK30880	Water Detection Kit (other kits are available - see Accessories)
21381	Gasket Pack (includes #'s 1, 2, and 4)



The standard B32012 bowl has no water sensor port. Bowls with water sensor ports are available as replacement kits (see item #5 above). Do not use water sensors on gasoline applications.

Mobile Fuel Filtration

Engine Spin-on Series

How to Order

B32016	S
Basic Model	Specify a micron rating: S (2 micron) T (10 micron) P (30 micron)

Specifications	B32016
Maximum Flow Rate	20 GPH (76 LPH)
Replacement Element: (2 micron) (10 micron) (30 micron)	S3216S S3216T S3216P
Element Height	4.0 in. (10.2 cm)
Bowl and Element Height	5.85 in. (14.9 cm)
Diameter	2.85 in. (7.2 cm)
Center Threads	16 mm X 1.5
Solids Capacity	6.4 oz. (182 grams)
Case Quantity	12
Operating Temperature	-40° to +255°F (-40° to 124°C)



B32016S
Assembly

Cross References

All Racor B32016/S3216 replacement elements meet or exceed OEM specifications and replace all of the following filter numbers:

OEM	AC	Baldwin	Fleetguard	Fram	Purolator	Wix
N/A	N/A	BF1267	N/A	N/A	N/A	33392

RACOR®

Technical Support:
 800.344.3286 ext. 7555
 racortech@parker.com

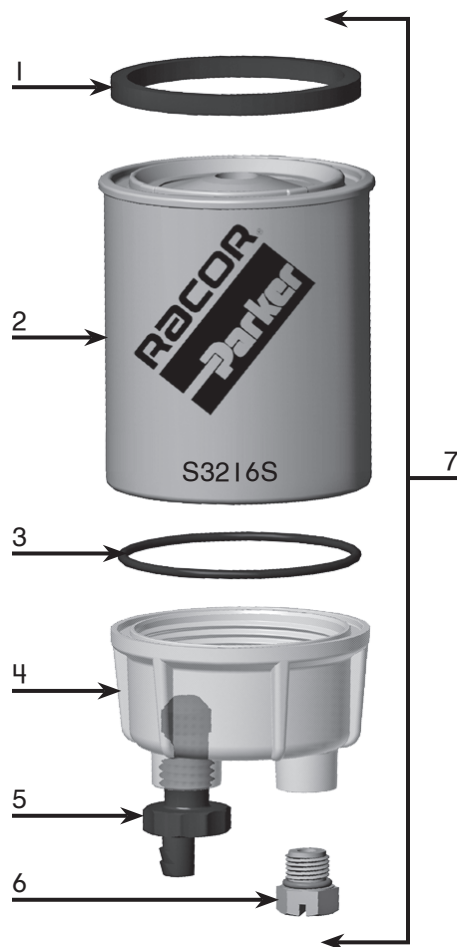


Engine Spin-on Series

Replacement Parts

B32016/S3216

<u>Part Number</u>	<u>Description</u>
1. 10503	Element Gasket
2. Replacement Elements (includes #'s 1 to 3)	
S3216S	(2 micron)
S3216T	(10 micron)
S3216P	(30 micron)
3. 10012	Bowl O-ring
4. RK21544	Clear Bowl Kit
RK10215	Non-heated, Clear Bowl Kit
RK10109	Non-heated, Metal Bowl Kit
5. RK30476	Self Venting Drain Kit
6. 20126	Water Sensor Port Plug ½" SAE (includes O-ring)
7. Bowl and Element Assembly (includes #'s 1 and 3)	
B32016S	(2 micron)
B32016T	(10 micron)
B32016P	(30 micron)
Additional Parts (not shown)	
RK30880	Water Detection Kit
(other kits are available - see Accessories)	



Do not use water sensors on gasoline applications.

Mobile Fuel Filtration

Engine Spin-on Series

Specifications	S3229
<i>Maximum Flow Rate</i>	90 GPH (341 LPH)
<i>Replacement Element: (10 micron)</i>	S3229
<i>Element Height</i>	7.3 in. (18.5 cm)
<i>Bowl and Element Height</i>	10.6 in. (26.9 cm)
<i>Diameter</i>	3.82 in. (9.7 cm)
<i>Center Threads</i>	1"-12
<i>Case Quantity</i>	12
<i>Operating Temperature</i>	-40° to +255°F (-40° to 124°C)

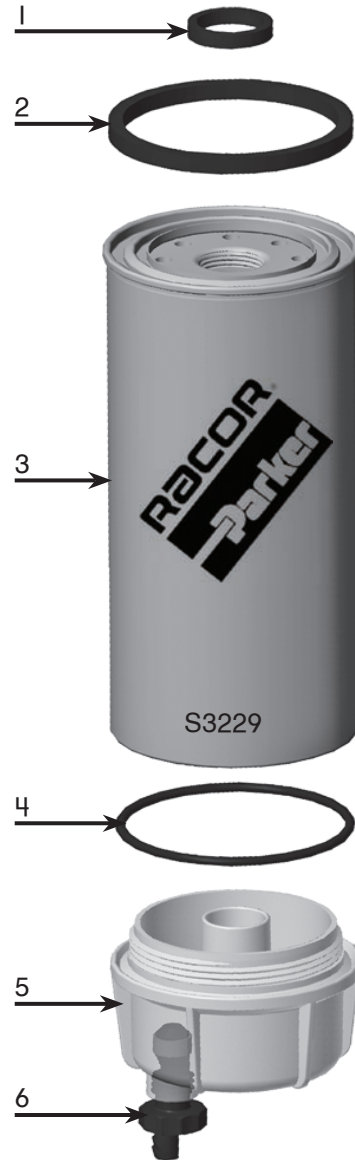


Engine Spin-on Series

Replacement Parts

S3229

Part Number	Description
1. 30563	Thread Gasket
2. 20505	Element Gasket
3. Replacement Element (includes #'s 1 to 4) S3229	(10 micron)
4. 30076	Bowl O-ring
5. RK30475	Standard Bowl Kit (no water sensor port - see notes below)
RK30051	Non-heated, Clear Bowl Kit
RK30745-01	Non-heated, Metal Bowl Kit
RK30895	Heated, Clear Bowl Kit (12 vdc, 200 watt, no water sensor port)
RK30924	Heated, Clear Bowl Kit (24 vdc, 200 watt, no water sensor port)
6. RK30476	Self Venting Drain Kit
Additional Parts (not shown)	
RK30880	Water Detection Kit (other kits are available - see Accessories)
21381	Gasket Pack (includes #'s 1, 2, and 4)



The standard B32029 bowl has no water sensor port. Bowls with water sensor ports are available as replacement kits (see item #5 above). Do not use water sensors on gasoline applications.

Mobile Fuel Filtration

Engine Spin-on Series

Specifications	S3238
<i>Maximum Flow Rate</i>	150 GPH (568 LPH)
<i>Element Height</i>	6.4 in. (16.3 cm)
<i>Bowl and Element Height</i>	9.9 in. (25.1 cm)
<i>Diameter</i>	4.38 in. (11.1 cm)
<i>Center Threads</i>	1 ¼"-12
<i>Case Quantity</i>	6
<i>Operating Temperature</i>	-40° to +255°F (-40° to 124°C)



RACOR®

Technical Support:
800.344.3286 ext. 7555
racortech@parker.com

164



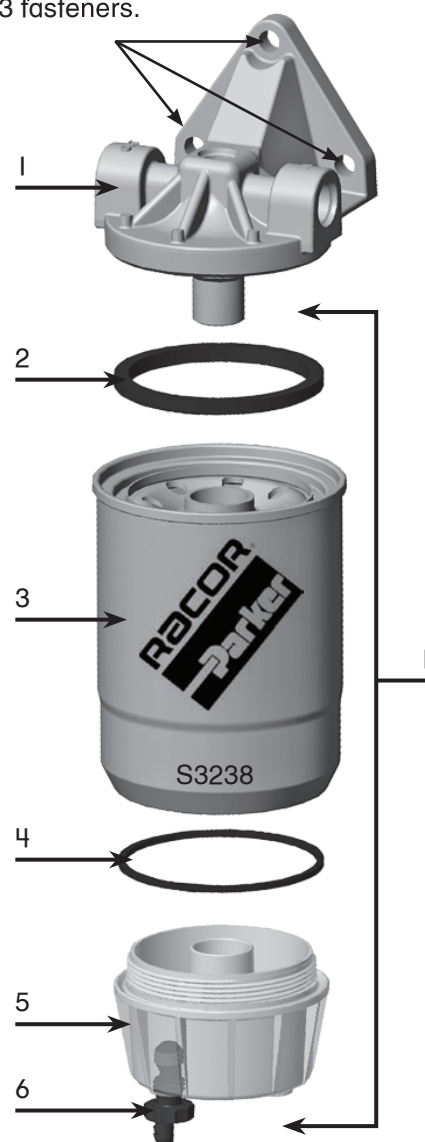
Engine Spin-on Series

3.25 in. (8.3 cm) diameter
clearance for 3 fasteners.

Replacement Parts

S3238

- | Part Number | Description |
|---|---|
| 1. RK31547 | Optional Mounting Head Kit (7/8"-14 UNF port) |
| 2. 30604 | Element Gasket |
| 3. Replacement Elements (includes #'s 2 to 4)
S3238 | (10 micron) |
| 4. 30965 | Bowl O-ring |
| 5. RK30480 | Clear Bowl Kit (no water sensor port - see note below) |
| RK30063 | Non-heated, Clear Bowl Kit |
| RK21640 | Non-heated, Metal Bowl Kit |
| RK30900 | Heated, Clear Bowl Kit (12 volt dc, 200 watt, no water sensor port) |
| RK30925 | Heated, Clear Bowl Kit (24 volt dc, 200 watt, no water sensor port) |
| 6. Bowl and Element Assembly (includes #'s 2 - 5)
B32038T | (10 micron) |
| Additional Parts (not shown) | |
| RK30880 | Water Detection Kit (other kits are available - see Accessories) |
| 22311 | Gasket Pack (includes #'s 2 and 4) |



The standard B32038 bowl has no water sensor port. Bowls with water sensor ports are available as replacement kits (see item #5 above). Do not use water sensors on gasoline applications.