

# HEAVY-DUTY IN-LINE FUEL AND HYDRAULIC FILTERS

## REMOVE CONTAMINANTS FROM FUEL AND HYDRAULIC SYSTEMS

In-line filters remove contaminants from fuel and hydraulic systems. The in-line fuel filter is used where direct flow through the filter and a more compact size is required.

Baldwin in-line fuel filters effectively remove contaminants from diesel fuel in a variety of heavy-duty off-highway applications.

In-line hydraulic filters help keep the system free of contaminants that can cause significant damage.



**NOTES** 

SPECIFICATIONS

#### **HEAVY-DUTY IN-LINE FUEL FILTERS**

PART NUMBER

BF833 In-Line Fuel Filter in Metal Housing	Bobcat, Case, Cub Cadet, Gehl, Grove, John Deere, Mitsubishi, New Holland Equipment	Case D59949; Caterpillar 9Y4444; John Deere AM116178, AM116304	O.D.: 1 29/32 (48.4) Inlet: 1/4 Outlet: 1/4 Length: 4 1/16 (103.2)	
BF833-K2 In-Line Fuel Filter in Metal Housing	Bobcat, Case, Cub Cadet, Gehl, John Deere, Mitsubishi, New Holland Equipment	Case L79756; Caterpillar 311489; John Deere AM107871, AM38708; New Holland 269212	O.D.: 1 29/32 (48.4) Inlet: 1/4 Outlet: 1/4 Length: 4 1/16 (103.2)	Contains: [4] Clamps; [2] Hoses
<b>BF840</b> In-Line Fuel Filter in Metal Housing	Case, International, John Deere, Massey Ferguson Equipment	Case D139225; John Deere AM876035; Massey Ferguson 800848-M91	O.D.: 129/32 (48.4) Inlet: 5/16 Outlet: 5/16 Length: 4 5/32 (105.6)	Related To: BF840-K1 (w/Clamps, Hoses); BF7736 (Plastic Version)
BF840-K1 In-Line Fuel Filter in Metal Housing	Bobcat, Case, International, John Deere, Kubota, Massey Ferguson Equipment	Case D139225; John Deere AE29052; Kubota 12581-43010, 12581-43012, 13351-43011	O.D.: 129/32 (48.4) Inlet: 5/16 Outlet: 5/16 Length: 4 5/32 (105.6)	Contains: [4] Clamps; [2] Hoses Related To: BF840 (Filter Only); BF7736 (Plastic Version)
BF843 In-Line Fuel Filter in Metal Housing	Bobcat, John Deere Equipment	John Deere T19743, T19743T	O.D.: 2 (50.8) Inlet: 1/8-27 Outlet: 1/2-20 Length: 3 7/16 (87.3)	
BF879 In-Line Screw-in Carburetor Fuel Filter in Metal Housing	Massey Ferguson, Ottawa Equipment; Onan RV Generators	Massey Ferguson 521248-M91; Onan 149-1353	O.D.: 1 (25.4) Inlet: 3/8 Outlet: 1/8-27 Length: 2 5/8 (66.7)	Contains: [2] Clamps; [1] Hose
<b>BF928</b> In-Line Fuel Filter in Plastic Housing	Nissan Lift Trucks	Nissan 16400-C6400	O.D.: 2 3/4 (69.9) Inlet: 11/32 Outlet: 11/32 Length: 3 19/32 (91.3)	
<b>BF932</b> In-Line Fuel Filter in Nylon Housing	Nissan, TCM Lift Trucks	Nissan 16400-E3001; TCM 16400-E3000	O.D.: 17/8 (47.6) Inlet: 9/32 Outlet: 9/32 Length: 3 17/32 (89.7)	

REPLACES

PART NUMBER		FITS	REPLACES	SPECIFICATIONS	NOTES
BF989 n-Line Wire Mesh Fuel Filter n Metal Housing		Allis-Chalmers, Caterpillar, International, Versatile, Wheel Horse Equipment	Caterpillar 311180, 207-9729; Versatile 20847, 93027	O.D.: 15/16 (23.8) Inlet: 5/16 Outlet: 5/16 Length: 3 1/32 (77.0)	Contains: [4] Clamps; [2] Hoses
<b>BF1047</b> n-Line Fuel Filter n Metal Housing	B	Volvo Trucks	Volvo 3507416-0, 9142658	O.D.: 3 5/16 (84.1) Inlet: 5/16 Outlet: 5/16 Length: 7 17/32 (191.3)	<b>Notes:</b> Reverse Flow
<b>BF1052</b> n-Line Wire Mesh Fuel Filter n Metal Housing		Case Excavators, Loaders	Case D145357	O.D.: 1 29/32 (48.4) Inlet: 3/8 Outlet: 3/8 Length: 3 13/16 (96.8)	
BF1173 n-Line Wire Mesh Fuel Filter n Metal Housing	C Thomas	Freightliner, Peterbilt Trucks; Case, Caterpillar, Hyster, New Holland, Volvo Equipment	Cummins 3826094	O.D.: 1 29/32 (48.4) Inlet: 3/8 Outlet: 3/8 Length: 3 13/16 (96.8)	Notes: Inside-Out Flow Direction
BF7519 n-Line Wire Mesh Fuel Filter n Metal Housing		Freightliner, Peterbilt Trucks; Case, Caterpillar, Hyster, New Holland, Volvo Equipment	Case A184963; John Deere AR103220	O.D.: 1 29/32 (48.4) Inlet: 5/8-24 Outlet: 5/8-24 Length: 3 17/32 (89.7)	Contains: [2] Rubber Seals; [2] Brass Fittings
BF7690 n-Line Wire Mesh Fuel Filter n Metal Housing		John Deere Tractors	John Deere RE38818	O.D.: 1 31/32 (50.0) Inlet: 9/16-18 Outlet: 9/16-18 Length: 3 23/32 (94.5)	
BF7691 In-Line Fuel Filter in Metal Housing		GMC Motor Homes with Portable Fuel Storage Tanks	General Motors 25055347	O.D.: 2 (50.8) Inlet: 1/2 Outlet: 1/2 Length: 4 7/16 (112.7)	
BF7693 In-Line Wire Mesh Fuel Filter in Metal Housing		Case-International, John Deere, Komatsu, New Holland Equipment	Case 194199A1; John Deere AT223493; Komatsu 20704-A1100; New Holland 84278141, 87400496	O.D.: 1 29/32 (48.4) Inlet: 1/2 Outlet: 1/2 Length: 4 1/4 (108.0)	
BF7725 In-Line Nylon Screen Fuel Filter in Nylon Housing	SC	Atlas Copco, Bobcat, Caterpillar, John Deere Equipment	Atlas Copco 29148002, 1604579200; Bobcat 6687016, 5411657863; Caterpillar 1G7206; John Deere AL78988	O.D.: 113/32 (35.7) Inlet: 5/16 Outlet: 5/16 Length: 4 5/32 (105.6)	
BF7726 In-Line Fuel Filter in Metal Housing	SZLTAB STATES	Allis Chalmers, Case, Continental, Hercules, Massey Ferguson, Oliver, Waukesha Equipment	Allis Chalmers A57228, 2449298, 24492988, 4355944, 43559448; Case A57228; Waukesha 101747C, 107747C, 159863	O.D.: 3 13/16 (96.8) Inlet: 1/4-18 Outlet: 1/4-18 Length: 6 13/32 (162.7)	Contains: [2] Bleeder Plugs; Reverse Flow Valve at Inlet
BF7736 In-Line Fuel Filter in Plastic Housing		Bomag, Case, New Holland Equipment	Bomag 5727894; New Holland 9611973	O.D.: 2 1/8 (54.0) Inlet: 5/16 Outlet: 5/16 Length: 3 21/32 (92.9)	Related To: BF840, BF840-K1 (Metal Versions)
BF7756 In-Line Fuel Filter In Metal Housing		Mercedes-Benz Trucks	Mercedes-Benz 6110920201, A6110920201	O.D.: 3 19/32 (91.3) Inlet: 3/8 Outlet: 15/32 Length: 5 (127.0) O-Ring: [1] Attached	Contains: 13/32 Return Line
BF7844 In-Line Fuel Filter In Metal Housing		Kubota Excavators	Kubota 19099-11151; Woodgate WGF842-3	O.D.: 3 3/8 (85.7) Inlet: 5/16 Outlet: 5/16 Length: 6 21/32 (169.1)	<b>Contains:</b> Drain
BF7845 In-Line Fuel Filter in Plastic Housing	03	Hitachi, Terex, Toro Equipment; Mitsubishi Engines	Mitsubishi MM304900; Toro 43-1820; Woodgate WGF9060	O.D.: 1 25/32 (45.2) Inlet: 5/16 Outlet: 11/32 Length: 3 27/32 (97.6)	Contains: [2] Bleed Screws

PART NUMBER		FITS	REPLACES	SPECIFICATIONS	NOTES
<b>BF7847</b> n-Line Fuel Filter n Plastic Housing	6	Robin Engines	Robin 2436210110, 2436210120; Woodgate WGF9341	O.D.: 2 9/32 (57.9) Inlet: 1/4 Outlet: 1/4 Length: 4 1/32 (102.4)	<b>Contains:</b> Return Line; Bleed Screw
<b>BF7849</b> n-Line Fuel Filter n Plastic Housing	-	Lombardini Engines	Lombardini 196.3730.096; Woodgate WGF9229	O.D.: 1 27/32 (46.8) Inlet: 9/32 Outlet: 9/32 Length: 3 3/8 (85.7)	<b>Contains:</b> 9/32 Return Line
BF7850 n-Line Nylon Vesh Fuel Filter n Plastic Housing	HE		Woodgate WGF9301	O.D.: 2 (50.8) Inlet: 5/16 or 3/8 In. Universal Outlet: 5/16 or 3/8 In. Universal Length: 8 1/8 (206.4)	
BF7851 n-Line Wire Mesh Fuel Filter n Plastic Housing	-		Woodgate WGF9303	O.D.: 115/32 (37.3) Inlet: 1/4 or 5/16 In. Universal Outlet: 1/4 or 5/16 In. Universal Length: 4 7/32 (107.2)	
BF7855 n-Line Wire Mesh Fuel Filter in Plastic Housing			Stihl 3503500; Woodgate WGF9310	O.D.: 13/16 (20.6) Inlet: 1/4 Outlet: 1/4 Length: 1 3/4 (44.4)	
BF7863 n-Line Nylon Mesh Fuel Filter n Plastic Housing		Case-International, New Holland Tractors; Hatz Engines	Case 87329736; New Holland 87329736; Woodgate WGF9149	O.D.: 2 1/16 (52.4) Inlet: 1/4 or 5/16 In. Universal Outlet: 1/4 or 5/16 In. Universal Length: 4 3/4 (120.7)	
BF7864 n-Line Wire Mesh Fuel Filter n Plastic Housing	6	Cub Cadet, Ford, New Holland Lawn & Garden Tractors; Briggs & Stratton Engines	Briggs & Stratton 298090; Woodgate WGF9334	O.D.: 1 5/16 (33.3) Inlet: 5/16 Outlet: 5/16 Length: 1 3/4 (44.4)	
BF7865 n-Line Fuel Filter in Plastic Housing		Case-International Tractors	M.A.N. 81.12503.0045, 81.12503.0056, 81.12503.0057, 81.12503.0058; Woodgate WGF312	O.D.: 13/16 (30.2) to 13/8 (34.9) Inlet: 5/16 Outlet: 5/16 Length: 47/32 (107.2)	
BF7903 n-Line Fuel Filter n Plastic Housing		Cub Cadet, New Holland, Poulan, Toro Lawn & Garden Equipment	Kohler 2505022, 2505022S; Toro 715960	O.D.: 113/32 (35.7) Inlet: 1/4 Outlet: 1/4 Length: 4 5/32 (105.6)	
<b>BF7944</b> n-Line Fuel Filter n Metal Housing	•	Cushman Equipment	Jacobsen 2701898; Suzuki 15410-72F01	O.D.: 2 3/4 (69.9) Inlet: 3/8 Outlet: 3/8 Length: 4 1/4 (108.0)	Contains: [2] Plastic Caps
BF7965 In-Line Fuel Filter in Metal Housing		J.C. Bamford Equipment	J.C. Bamford 32007057, 32007155, 32007394, 233616	O.D.: 3 3/8 (85.7) Inlet: 5/16 Outlet: 3/8 Length: 7 (177.8)	<b>Contains:</b> Drain



PART NUMBER		FITS	REPLACES	SPECIFICATIONS	NOTES
<b>BF7972</b> In-Line Fuel Filter in Metal Housing		Dodge, Freightliner, Mercedes-Benz Sprinter Vans	Chrysler 5117494AA, 5170896AA, 5170896AB, 5175429AB; Mercedes-Benz A6420920101, A6460920701	O.D.: 3 19/32 (91.3) Inlet: 5/16 Outlet: 3/8 Length: 5 (127.0) O-Ring: [2] Included	Contains: Sensor Port; 5/16 Drainback Valve; Plastic Filter Collar Notes: Sensor must be removed from old filter and reinstalled on BF7972.
BF9807 In-Line Wire Mesh Fuel Filter in Metal Housing	Gag.	John Deere Tractors	John Deere AL153517	O.D.: 2 1/8 (54.0) Inlet: 3/16 Outlet: 3/16 Length: 4 5/8 (117.5)	
BF9857 In-Line Fuel Filter in Plastic Housing	TO.	John Deere Lawn & Garden Tractors, Utility Vehicles	John Deere AM117584, AM118131	O.D.: 3 5/16 (84.1) Inlet: 3/8 Outlet: 3/8 Length: 6 15/16 (176.2)	
BF9863 In-Line Fuel Filter in Plastic Housing		Volvo Excavators	Volvo 7410170	O.D.: 3 7/16 (87.3) Inlet: 1/8 Outlet: 3/16 Length: 3 19/32 (91.3)	
BF9881 In-Line Fuel Filter in Metal Housing		J.C. Bamford Engines, Rollers, Telescopic Handlers	J.C. Bamford 32007138, 32007309	O.D.: 3 3/8 (85.7) Inlet: 3/8 Outlet: 3/8 Length: 7 5/32 (181.8)	Contains: Drain
BF9884 In-Line Nylon Mesh Fuel Filter in Nylon Housing	-	John Deere Tractors	John Deere AL67975	O.D.: 117/32 (38.9) Inlet: 5/16 Outlet: 5/16 Length: 4 9/32 (108.7)	
BF9886 In-Line Steel Mesh Fuel Filter in Metal Housing		John Deere Loaders, Tractors	John Deere RE176732	O.D.: 1 29/32 (48.4) Inlet: 9/16-18 Outlet: 9/16-18 Length: 3 7/8 (98.4)	
BF9905 In-Line Wire Mesh Fuel Filter in Metal Housing	C (Becc.	Case, New Holland Loaders	Case 87019604, 87548612; New Holland 87019604, 87548612	O.D.: 1 29/32 (48.4) Inlet: 3/8 Outlet: 3/8 Length: 5 5/8 (142.9)	
BF9906 In-Line Nylon Mesh Fuel Filter in Plastic Housing	CIL	Kobelco, Komatsu, New Holland, Yanmar Equipment	Kobelco VV12905255630; Komatsu YM12905255630; New Holland YJ21P01008P2; Yanmar 12905255630	O.D.: 2 9/16 (65.1) Inlet: 11/32 Outlet: 11/32 Length: 3 7/32 (81.8)	
PF9907 In-Line Wire Mesh Fuel Filter in Nylon Housing		International CD, 3600 Buses, I530E Engine	International 1817677C91	O.D.: 23/32 (18.3) I.D.: 5/8 (15.9) One End Length: 3 1/8 (79.4) O-Ring: [1] Included	
BF9916 In-Line Wire Mesh Fuel Filter in Metal Housing	c Common of the	John Deere Compact Track Loaders, Skid Steer Loaders	John Deere T257865; Hyster 4617767	O.D.: 129/32 (48.4) Inlet: 5/16 Outlet: 5/16 Length: 3 29/32 (99.2)	
BF45000 n-Line Plastic Mesh Fuel Filter in Plastic Housing		Walker MD Series Mower	Walker 7020	O.D.: 2 3/32 (53.2) Inlet: 1/4 Outlet: 1/4 Length: 3 7/16 (87.3)	
<b>BF46000</b> In-Line Fuel Filter in Metal Housing	Occor	Freightliner, Mercedes-Benz Sprinter Vans	Mercedes-Benz A6420920301	O.D.: 3 5/8 (92.1) Inlet: 1/4 Outlet: 1/4 Length: 4 17/32 (115.1) O-Ring: [4] Included	Contains: [1] Drain Screw

PART NUMBER	FITS	REPLACES	SPECIFICATIONS	NOTES
BF46005 In-Line Fuel Filter in Metal Housing OBSOLETE	Caterpillar, Mitsubishi Lift Trucks	Caterpillar 9126406100	O.D.: 113/16 (46.0) Inlet: M14 x 1.5 Outlet: M14 x 1.5 Length: 3 7/16 (87.3)	Contains: Mounting Bracket
BF46006 In-Line Wire Mesh Fuel Filter in Metal Housing	Freightliner Trucks	Ford 4C4Z-9155-AA	O.D.: 17/8 (47.6) Inlet: 1/2-14 Outlet: 1/2-14 Length: 4 31/32 (126.2)	
BF46007 In-Line Plastic Mesh Fuel Filter in Metal Housing	Chevrolet, GMC Trucks with V8-6.5L Engine	General Motors 12339208	O.D.: 1 (25.4) Inlet: 1/4 Outlet: 1/4 Length: 3 (76.2)	
BF46008 In-Line Fuel Filter in Metal Housing OBSOLETE	Kohler Generators	Kohler 267987	O.D.: 17/32 (31.0) Inlet: 1/4-18 NPT Outlet: 1/8-27 NPT Length: 2 15/32 (62.7)	
BF46084 In-Line Wire Mesh Fuel Filter in Metal Housing	Caterpillar Equipment	Caterpillar 3848512, 5256205; Perkins T412017	O.D.: 2 5/32 (54.8) Inlet: 1/2 Outlet: 3/8 Length: 5 5/8 (142.9)	
<b>BF46229</b> In-Line Fuel Filter in Metal Housing	Thermo King Tripac Auxiliary Power Unit	Thermo King 13864	O.D.: 2 (50.8) Inlet: 1/8-27 Outlet: 1/8-27 Length: 3 (76.2)	Contains: Mounting Bracket
BF46242 In-Line Fuel Filter in Metal Housing	Onan RV Generators	Cummins 149234101; Onan 1492341	O.D.: 1 5/16 (33.5) Inlet: 5/16 Outlet: 1/8 PT Length: 2 23/32 (69.1)	



#### **HEAVY-DUTY IN-LINE HYDRAULIC FILTERS**

PART NUMBER		FITS	REPLACES	SPECIFICATIONS	NOTES
PT716 In-Line Hydraulic Filter	J.	Hyster, Toyota Lift Trucks	Hyster 313796, 1360557; Toyota 67502-20540-71	O.D.: 4 13/16 (122.2) Inlet: 1 Outlet: 1 Length: 7 7/8 (200.0)	Contains: Mounting Bracket Related To: PT8435-MPG (Maximum Performance Glass Version with 25 PSID By-Pass Valve)
BT8412 In-Line Hydraulic Filter		Toyota Lift Trucks	Toyota 67502-23000-71	O.D.: 4 1/4 (108.0) Inlet: 1-14 Outlet: 1 1/16 Length: 5 11/32 (135.7)	Contains: 15 PSID By-Pass Valve
PT8435-MPG Maximum Performance Glass In-Line Hydraulic Filter		Hyster Lift Trucks	Hyster 1337159	O.D.: 4 1/32 (102.4) Inlet: 1 Outlet: 1 Length: 7 31/32 (202.4)	Contains: 25 PSID By-Pass Valve; Mounting Bracket Related To: PT716 (Standard Media Version with No By-Pass Valve)
PT8480 Depth-Pack 2-Section In-Line Hydraulic Element		Hitachi Excavators	Hitachi 4185299	O.D.: 5 1/2 (139.7) Inlet: 7/8 Outlet: 7/8 Length: 11 15/16 (303.2) Grommets: [2] Attached O. Ring: [2] Attached, [1] Included	
PT9468 In-Line Hydraulic Filter		Bobcat Excavators, Loaders; John Deere Loaders	Bobcat 6661022; John Deere KV13414	O.D.: 11/2 (38.1) to 123/32 (43.7) Inlet: 9/16-18 UNF Outlet: 9/16-18 UNF Length: 3 3/16 (81.0)	
PT9469 In-Line Hydraulic Filter	(Tolo)	John Deere Loggers, Excavators; Hitachi Zaxis 350L Excavator	John Deere 4452326	O.D.: 7/8 (22.2) Inlet: 5/16 Outlet: 7/32 Length: 115/32 (37.3)	
PT9470 In-Line Hydraulic Filter OBSOLETE		John Deere Equipment	John Deere AT183869	O.D.: 11/2 (38.1) Inlet: 11/16-16 Outlet: 13/16-16 Length: 2 13/16 (71.4) O-Ring: [1] Attached	



## **CROSS-REFERENCE** — IN-LINE FUEL FILTER

BALDWIN	DONALDSON	FLEETGUARD	FRAM	LUBER-FINER	WIX
BF833	_	FF5480	G6	G115	33030
BF833-K2	P550094	FF5066	G1	G252	33031
BF840	FFP550012	FF5015	G12	G478	33012
3F840-K1	P550012	FF149	G2	G478	33032
3F843	P550457	FF155	G8	G22076	33036
3F879	P550091	FF179	G22	G16	33046
3F928	P552396	FF5179	G4143	G2979	33087
3F932	-	FF5679	G3359	G241	33053
3F989	P550454	FF5676	G3515	G454	33027
BF1047	-	-	G7736	G6548	33596
BF1052	P550433	FF5239	_	L3419F	33253
BF1173	P550974	FF5079	_	L3523F	33270
BF7519	P550446	FF5077	C7518	L3524F	33269
BF7690	P552482	FF5487	_	L3418F	33593
BF7691	P551771	FF5621	_	G8219	33299
BF7693	P551770	FF5289	P10712	L7693F	33248
F7725	-	FF5705	P6446	G2978	33007
8F7726	P550097	FF117	PB1160PL	FP953F	33191
3F7726 3F7736			- FB1100FL	G516CP	33002
3F7756		FF5619			WF8239
BF7844	-	FF3019	-	-	33467
3F7845	_	— ГГЕ 711	_	_ LFF7696	
	-	FF5711	-	LFF7686	-
8F7847	- DEF-0003	_	_	-	_
BF7849	P550902	-	-	-	-
3F7850		_	_	_	_
3F7851	-	-	-	-	-
3F7855	-	_	_	_	-
3F7863	-	FF5430	-	-	33972
3F7864	-	-	_	-	-
3F7865	-	-	-	-	-
3F7903		_	G1000	_	33011
BF7944	-	-	-	-	-
3F7965	P765325	FF5794	-	-	WF10052
BF7972	P550790	FF5692	PS10265	L3995F	33934
3F9807	-	FF5850	-	-	-
3F9857	-	-	G6507	-	-
3F9863	-	_	-	-	_
3F9881	-	-	-	-	-
3F9884	-	_	_	-	_
3F9886	-	_	_	-	_
BF9905	_	FF5640	_	_	WF10081
3F9906	-	FF42104	-	-	WF10512
PF9907	_	FF257	_	_	WF10170
F9916	-	-	_	G1	-
8F45000	-	_	-	_	33971
8F46000	-	FF258	-	L4107F	33250
3F46005	_	_	_	_	33726
3F46006	-	FF42119	_	-	33252
F46007	_		_	_	33449
3F46008	_	_	_	_	WF10058
3F46084	_	_	_	_	-
3F46229	P553890	FF5864	_	G6635	_
	1 333030	11 3004			
3F46242	_	_	_	_	WF10437



## **CROSS-REFERENCE — IN-LINE HYDRAULIC FILTER**

BALDWIN	DONALDSON	FLEETGUARD	FRAM	LUBER-FINER	WIX
PT716	P550477	HF7927	C7553	LH5931	57111
BT8412	P550476	HF35276	C7554	-	57725
PT8435-MPG	_	_	_	-	_
PT8480	P550532	HF28879	-	-	-
PT9468	P575188	_	_	_	-
PT9469	_	_	-	-	-
PT9470	_	_	_	_	-



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