

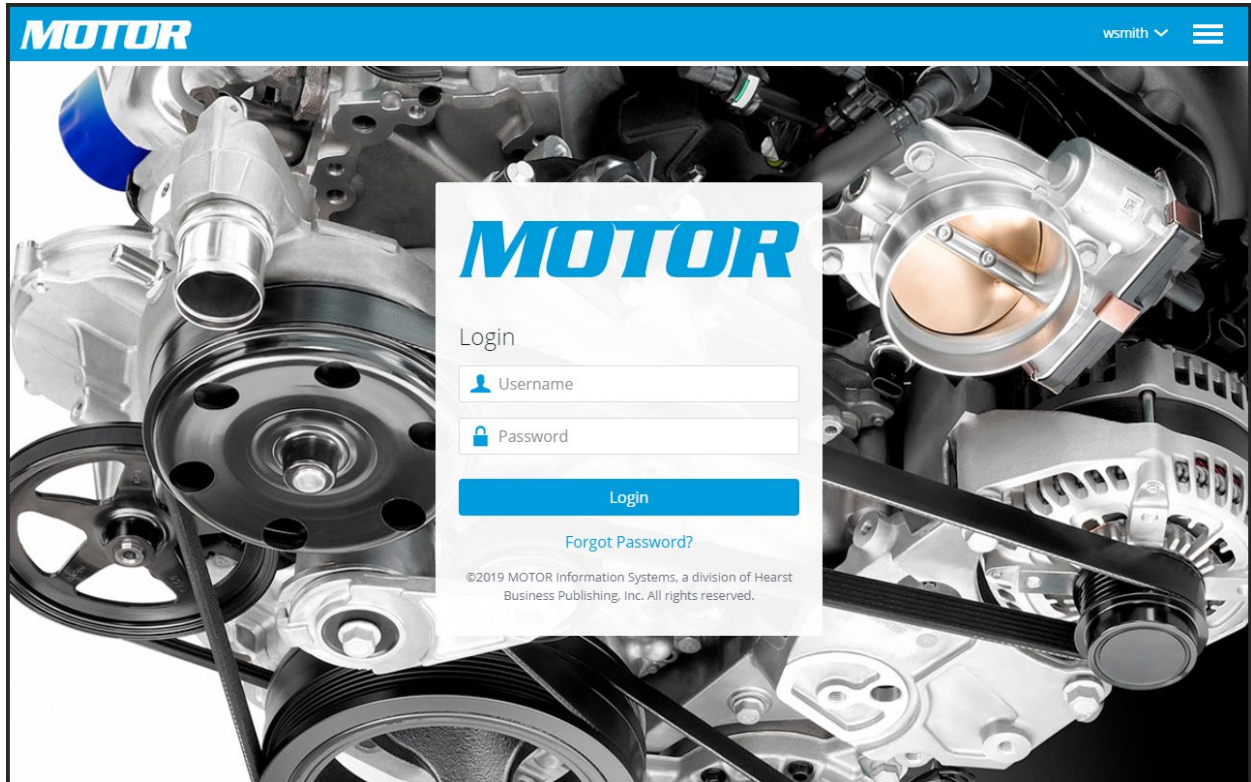


FleetCross Prototype, Scripted Walkthrough

For the Catalyst platform, MOTOR is implementing a **direct-to-development prototype for FleetCross**. This prototype is designed directly within the existing Catalyst application using front-end code (HTML, CSS) based on UI standards, frameworks and architecture already in place. It is mainly hard-coded using the existing Angular framework to construct discrete prototype modules, utilizing very little middleware or backend development beyond what is already built. This reduces the need to render concepts in throwaway mediums (paper prototypes, high-fidelity comps, etc.) that are completely outside the code environment. Most importantly, this requires very little full-stack development time and resources. Because of its perception as “the real deal”, a direct-to-development, hard-coded prototype allows quicker, more accurate user testing results. It also greatly reduces time to develop the presentation layer because much of the UI code and structure is already complete.

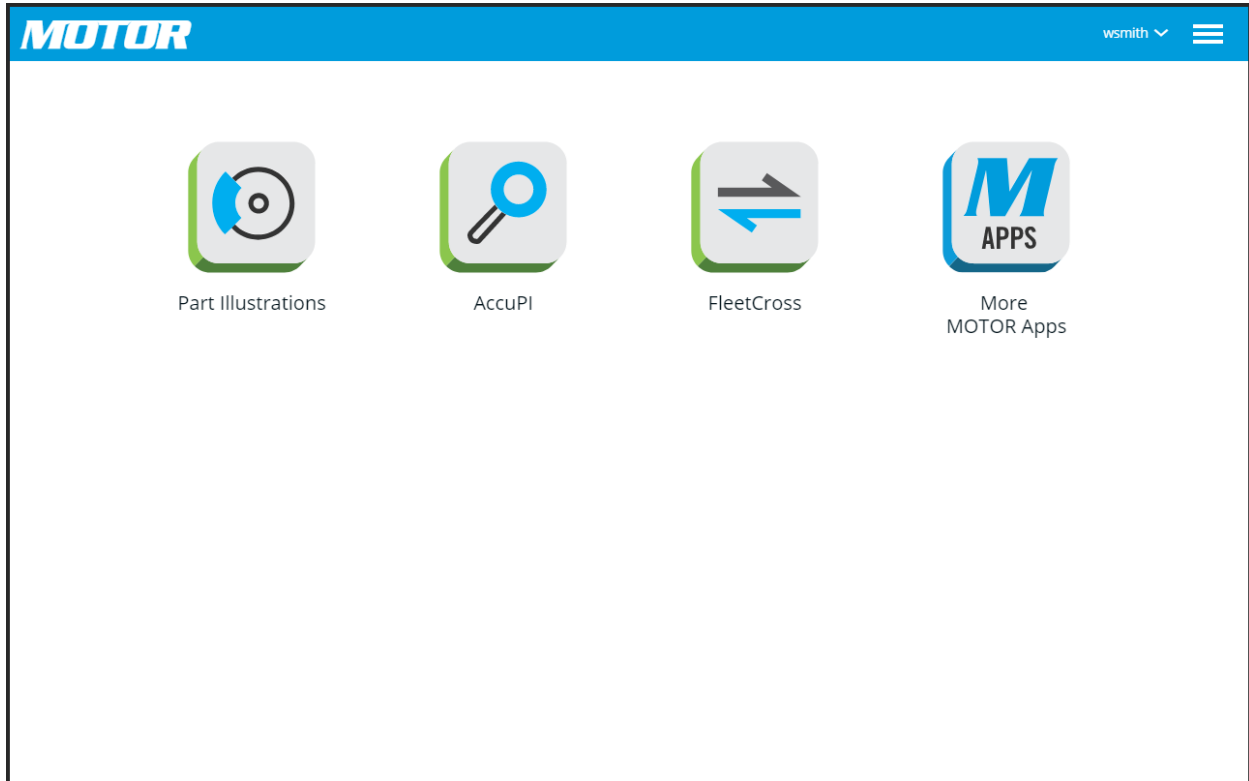
Scripted Walkthrough of FleetCross

Login



To access the FleetCross prototype, a user must login at URL <https://dev-apps.motor.com> (dev) or <https://apps.motor.com> (prod, if available) with a valid Catalyst ID/password that has added the FleetCross subscription.

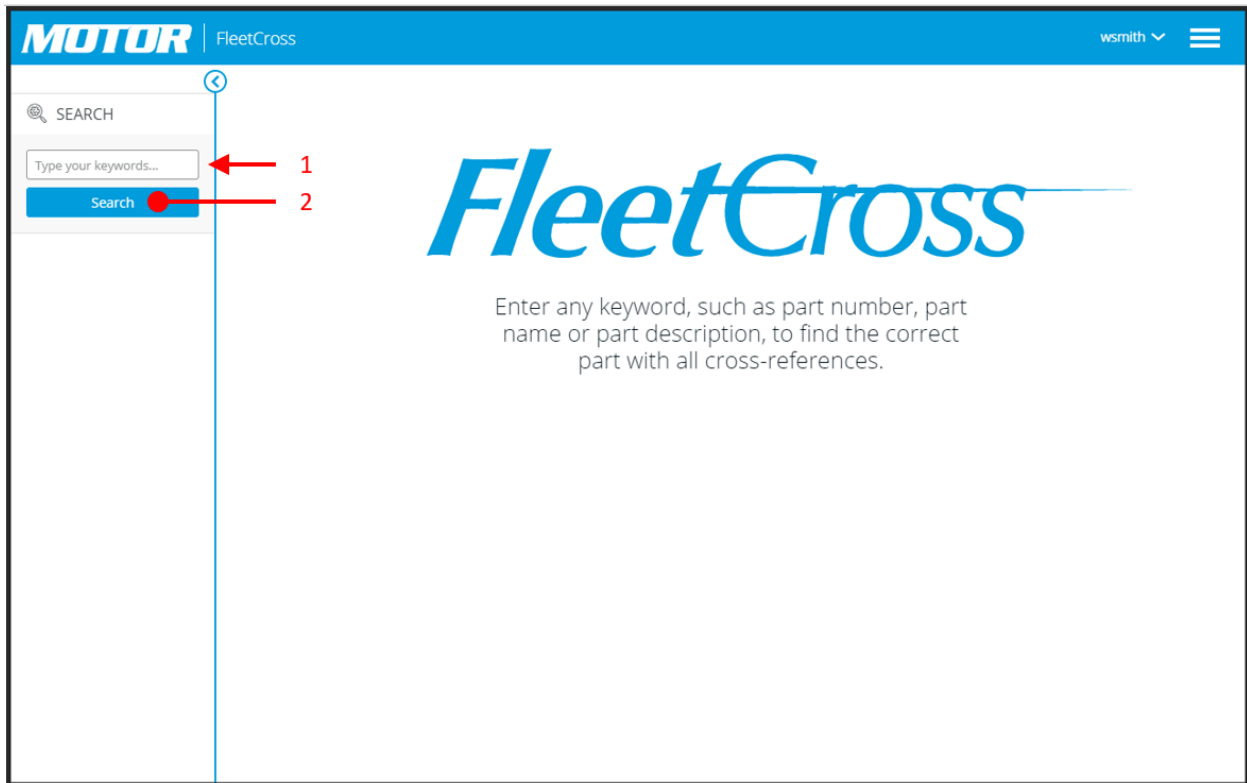
MOTOR Apps Landing Page



The first page view is the MOTOR Apps Landing page, showing the button for FleetCross as well as existing Catalyst applications Part Illustrations and AccuPI. Along with the FleetCross subscription, the button “More MOTOR Apps” is available for review.

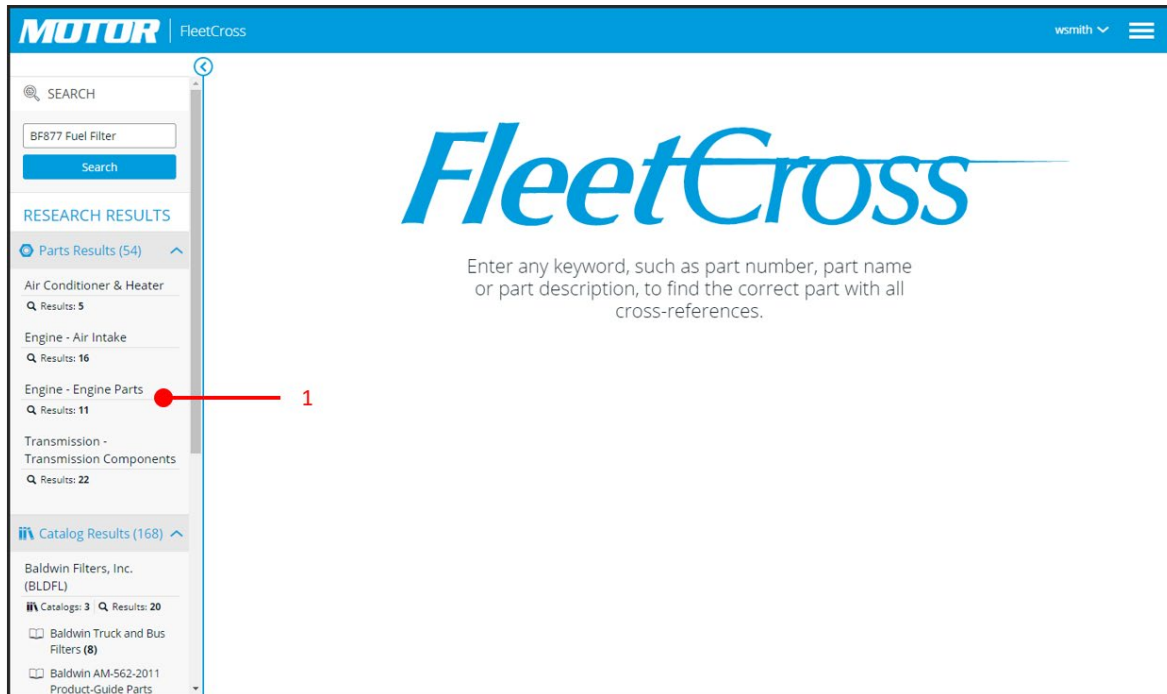
Note: The application WebCAT will appear if the user has added the WebCAT subscription.

FleetCross Main Page



- 1) Enter the Search Term **“BF877 Fuel Filter”**
- 2) Hit **Search**

FleetCross Main Page – Part Data Search



- 1) Select “Engine – Engine Parts”
- 2) Shows Parts Results List (figure below)

Image	Part Number	Part# Match	Cross References	Manufacturer	Description	Catalog Ref	VMRS
	BF877	Exact	↔ 26	FLEETPRIDE (FLETP)	1. MICROLITE PRIMARY FUEL SPIN-ON 2. FILTER, FUEL 3. MICROLITE PRIMARY FUEL FILTER 4. FUEL FILTER	40	044-002-005
	BF877	Exact	↔ 37	NAVISTAR INTERNATIONAL TRANSPORTATION CORPORATION (NVSTR)	PRIMARY FUEL SPIN-ON	65	044-002-005
	BF877	Exact	↔ 1	FLEETPRIDE (FLETP)	FILTER	23	044-002-005
	BF877B	Begins With	↔ 9	BALDWIN FILTERS, INC. (BLDFL)	1. HEAVY DUTY DIESEL FUEL SPIN-ON FILTER 2. FILTER 3. FUEL FILTER 4. SPIN-ON, CAN-TYPE OR INLINE FUEL FILTER	13	044-002-005
	BF877C	Begins With	↔ 2	BALDWIN FILTERS, INC. (BLDFL)	PRIMARY FUEL SPIN-ON	2	044-002-005
	BF8774Z	Begins With	↔ 6	NAVISTAR INTERNATIONAL TRANSPORTATION CORPORATION (NVSTR)	SPRING, CONTROL LEVER (D/S PART), FULLER QS, SPRING	31	044-002-005
	00BF87723	Contains		MAZDA NORTH AMERICA, INC. (MAZDA)			044-002-005
	FBF877	Contains	↔ 4	KORODY COLYER (KRDCL)	FILTER, FUEL FILTER-SPIN-ON	14	044-002-005
	FBF877A	Contains	↔ 7	KORODY COLYER (KRDCL)	FILTER, FUEL FILTER-SPIN-ON	38	044-002-005
	FBF877B	Contains	↔ 5	KORODY COLYER (KRDCL)	FILTER, FUEL FILTER-SPIN-ON	12	044-002-005
	00BF87745	Contains		MAZDA NORTH AMERICA, INC. (MAZDA)		23	044-002-005

Part Data Search – Parts Results List

Searching: BF877 Fuel Filter
11 part matches, 16,472 keyword matches (show all)

Image	Part Number	Part# Match	Cross References	Manufacturer	Description	Catalog Ref	VMRS
	BF877	Exact	↔ 26	FLEETPRIDE (FLETP)	1. MICROLITE PRIMARY FUEL SPIN-ON 2. FILTER, FUEL 3. MICROLITE PRIMARY FUEL FILTER 4. FUEL FILTER	40	044-002-005
	BF877	Exact	↔ 37	NAVISTAR INTERNATIONAL TRANSPORTATION CORPORATION (NVSTR)	PRIMARY FUEL SPIN-ON	65	044-002-005
	BF877	Exact	↔ 1	FLEETPRIDE (FLETP)	FILTER	23	044-002-005
	BF877B	Begins With	↔ 9	BALDWIN FILTERS, INC. (BLDFL)	1. HEAVY DUTY DIESEL FUEL SPIN-ON FILTER 2. FILTER 3. FUEL FILTER 4. SPIN-ON, CAN-TYPE OR INLINE FUEL FILTER	13	044-002-005
	BF877C	Begins With	↔ 2	BALDWIN FILTERS, INC. (BLDFL)	PRIMARY FUEL SPIN-ON	2	044-002-005
	BF8774Z	Begins With	↔ 6	NAVISTAR INTERNATIONAL TRANSPORTATION CORPORATION (NVSTR)	SPRING, CONTROL LEVER (D/S PART), FULLER QS, SPRING	31	044-002-005
	00BF87723	Contains		MAZDA NORTH AMERICA, INC. (MAZDA)			044-002-005
	BF877	Contains	↔ 4	KORODY COLYER (KRDCL)	FILTER, FUEL FILTER-SPIN-ON	14	044-002-005
	FBF877A	Contains	↔ 7	KORODY COLYER (KRDCL)	FILTER, FUEL FILTER-SPIN-ON	38	044-002-005
	BF877B	Contains	↔ 5	KORODY COLYER (KRDCL)	FILTER, FUEL FILTER-SPIN-ON	12	044-002-005
	00BF87745	Contains		MAZDA NORTH AMERICA, INC. (MAZDA)		23	044-002-005

Part Results List Row Functions;

- Selecting the **Part Number** link will open the **Part Details Overlay**
- Selecting the **Cross Reference** link will open the **Cross Reference Overlay**
- Selecting “**BALDWIN FILTERS, INC. (BLDFL)**” will create a new tab and open www.baldwinfilters.com
- Clicking “**more**” in the Description will reveal all part descriptions
- Selecting the **Catalog Reference** will open the **Catalog References Overlay**

1) For an example of these functions, **Select the Part Number BF877B for BALDWIN FILTERS, INC. (BLDFL) and open the Part Details Overlay**

Part Details Overlay – Selecting Cross References

Part Details Search History: BF877 Fuel Filter / Current: BF877B Baldwin Filters, Inc. (BLDFL)

Selected Part Number: BF877B
Manufacturer: BALDWIN FILTERS, INC. (BLDFL)
Description: HEAVY DUTY DIESEL FUEL SPIN-ON FILTER...
[show more](#)

Technical Details Merchant Post: eBay

Brand	Baldwin
Item Weight	1.7 pounds
Product Dimensions	12 x 8 x 6 inches
Item model number	BF877B
Manufacturer Part Number	BF877B
ABPA Partslink Number	BF877

Cross References (9)

Image	Part Number	Hits	Cross References	Manufacturer	Description	Catalog Ref	VMRS	Fit Form Function
	BF877B	2	20	BALDWIN FILTERS, INC. (BLDFL)	FILTER, FUEL FILTER, SPIN-ON, CAN-TYPE OR INLINE FUEL FILTER, PRIMARY FUEL SPIN-ON (BOXED VERSION)	20	044-002-005	
	BF877B	0	2	CARQUEST - BALDWIN FILTERS (CQBLD)	PRIMARY FUEL SPIN-ON	2	044-002-005	Exact Function
	BF8774	0	110	BALDWIN FILTERS, INC. (BLDFL)	MICROLITE PRIMARY FUEL SPIN-ON, FILTER	18	044-002-005	Exact Form
	BF877	0	1	FLEETPRIDE (FLETP)	FILTER	18	044-002-005	Exact Function
	BF877	39	37	CARQUEST - BALDWIN FILTERS (CQBLD)	PRIMARY FUEL SPIN-ON	6	044-002-005	
	00BF87723	24		MAZDA NORTH AMERICA, INC. (MAZDA)		23	044-002-005	Exact Function
	00BF87745	24		MAZDA NORTH AMERICA, INC. (MAZDA)		23	044-002-005	Exact Fit
	ZBF8774	0	6	NAVISTAR INTERNATIONAL TRANSPORTATION CORPORATION (NVSTR)	SPRING, CONTROL LEVER (D/S PART), FULLER QS, SPRING	13	044-002-005	Exact Function
	FBF877	0	4	KORODY COLYER (KRDC)	FILTER, FUEL FILTER-SPIN-ON	7	044-002-005	Exact Fit

In the Part Details Overlay;

- Selecting the link in the **Part Details breadcrumb** (at top) will close the overlay and return to original Parts Results List
- Selecting “show more” under the Part Detail will reveal all part descriptions
- Selecting the Cross References accordion header will close the cross references accordion section. Clicking again will open it.

1. Within the Cross References accordion section, select Part# **BF877B - CARQUEST - BALDWIN FILTERS (CQBLD)**;

- Select Part # to open its Part Details Overlay
- Select Cross References to open this part’s Cross References
- Clicking “CARQUEST - BALDWIN FILTERS (CQBLD)” creates a new tab and opens the URL <http://www.carquestprofessionals.com>
- Select Catalog References to open this part’s Catalog References Overlay

Part Details Overlay – Opening 2nd Tier CROSS References

Part Details Search History: BF877 Fuel Filter / Current: BF877B Baldwin Filters, Inc. (BLDFL)

Selected Part Number: BF877B
Manufacturer: BALDWIN FILTERS, INC. (BLDFL)
Description: HEAVY DUTY DIESEL FUEL SPIN-ON FILTER...
[show more](#)

Technical Details
 Brand: Baldwin
 Item Weight: 1.7 pounds
 Product Dimensions: 12 x 8 x 6 inches
 Item model number: BF877B
 Manufacturer Part Number: BF877B
 ABPA Partslink Number: BF877

Cross References (9)

Image	Part Number	Hits	Cross References	Manufacturer	Description	Catalog Ref	VMRS	Fit Form Function
	BF877B	2	20	BALDWIN FILTERS, INC. (BLDFL)	FILTER, FUEL FILTER, SPIN-ON, CAN-TYPE OR INLINE FUEL FILTER, PRIMARY FUEL SPIN-ON (BOXED VERSION)	20	044-002-005	
	BF877B	0	2	CARQUEST - BALDWIN FILTERS (CQBLD)	PRIMARY FUEL SPIN-ON	2	044-002-005	Exact Function
	BF8774	6	110	BALDWIN FILTERS, INC. (BLDFL)	MICROLITE PRIMARY FUEL SPIN-ON, FILTER	18	044-002-005	Exact Form
	BF877	0	1	FLEETPRIDE (FLETP)	FILTER	18	044-002-005	Exact Function
	BF877	39	37	CARQUEST - BALDWIN FILTERS (CQBLD)	PRIMARY FUEL SPIN-ON	6	044-002-005	
	00BF87723	24		MAZDA NORTH AMERICA, INC. (MAZDA)		23	044-002-005	Exact Function
	00BF87745	24		MAZDA NORTH AMERICA, INC. (MAZDA)		23	044-002-005	Exact Fit
	ZBF8774	0	6	NAVISTAR INTERNATIONAL TRANSPORTATION CORPORATION (NVSTR)	SPRING, CONTROL LEVER (D/S PART), FULLER QS, SPRING	13	044-002-005	Exact Function
	FBF877	0	4	KORODY COLYER (KRDCL)	FILTER, FUEL FILTER-SPIN-ON	7	044-002-005	Exact Fit

- Within the Cross References section, select Cross References for Part# **BF877B - CARQUEST - BALDWIN FILTERS (CQBLD)**
- As shown below, the selected part's cross references are then displayed, with the breadcrumb in the header showing a navigatable history.
- Click on the previous link in the breadcrumb to return to the original Part Details

Cross References (2) Search History: BF877 Fuel Filter / BF877B Baldwin Filters, Inc. (BLDFL) / Current: BF877B CARQUEST - BALDWIN FILTERS (CQBLD)

Selected Part Number: BF877B
Manufacturer: CARQUEST - BALDWIN FILTERS (CQBLD)
Description: PRIMARY FUEL SPIN-ON

Technical Details
 Brand: Baldwin
 Item Weight: 1.7 pounds
 Product Dimensions: 12 x 8 x 6 inches
 Item model number: BF877B
 Manufacturer Part Number: BF877B
 ABPA Partslink Number: BF877

Cross References (2)

Image	Part Number	Hits	Cross References	Manufacturer	Description	Catalog Ref	VMRS	Fit Form Function
	BF877	6	110	BALDWIN FILTERS, INC. (BLDFL)	MICROLITE PRIMARY FUEL SPIN-ON, FILTER	23	044-002-005	Exact Form
	BF877	0	1	FLEETPRIDE (FLETP)	FILTER	23	044-002-005	Exact Function

Part Details Overlay – Opening 2nd Tier CATALOG References

Part Details Search History: BF877 Fuel Filter / Current: BF877B Baldwin Filters, Inc. (BLDFL)

Selected Part Number: BF877B
Manufacturer: BALDWIN FILTERS, INC. (BLDFL)
Description: HEAVY DUTY DIESEL FUEL SPIN-ON FILTER...
[show more](#)

Technical Details Merchant Post: eBay

Brand: Baldwin
Item Weight: 1.7 pounds
Product Dimensions: 12 x 8 x 6 inches
Item model number: BF877B
Manufacturer Part Number: BF877B
ABPA Partslink Number: BF877

Cross References (9)

Image	Part Number	Hits	Cross References	Manufacturer	Description	Catalog Ref	VMRS	Fit Form Function
	BF877B	2	20	BALDWIN FILTERS, INC. (BLDFL)	FILTER, FUEL FILTER, SPIN-ON, CAN-TYPE OR INLINE FUEL FILTER, PRIMARY FUEL SPIN-ON (BOXED VERSION)	ii 20	044-002-005	
	BF877B	0	2	CARQUEST - BALDWIN FILTERS (CQBLD)	PRIMARY FUEL SPIN-ON	ii 2	044-002-005	Exact Function
	BF8774	6	110	BALDWIN FILTERS, INC. (BLDFL)	MICROLITE PRIMARY FUEL SPIN-ON, FILTER	ii 18	044-002-005	Exact Form
	BF877	0	1	FLEETPRIDE (FLETP)	FILTER	ii 18	044-002-005	Exact Function
	BF877	39	37	CARQUEST - BALDWIN FILTERS (CQBLD)	PRIMARY FUEL SPIN-ON	ii 6	044-002-005	
	00BF87723	24		MAZDA NORTH AMERICA, INC. (MAZDA)		ii 23	044-002-005	Exact Function
	00BF87745	24		MAZDA NORTH AMERICA, INC. (MAZDA)		ii 23	044-002-005	Exact Fit
	ZBF8774	0	6	NAVISTAR INTERNATIONAL TRANSPORTATION CORPORATION (NVSTR)	SPRING, CONTROL LEVER (D/S PART), FULLER QS, SPRING	ii 13	044-002-005	Exact Function
	FBF877	0	4	KORODY COLYER (KRDCL)	FILTER, FUEL FILTER-SPIN-ON	ii 7	044-002-005	Exact Fit

- Within the Catalog References section, select Catalog References for Part# **BF877B - CARQUEST - BALDWIN FILTERS (CQBLD)**
- As shown below, the selected part's catalog references are then displayed, with the breadcrumb in the header showing a navigatable history.
- Click on the previous link in the breadcrumb to return to the original Part Details Overlay

Catalog References (2) Search History: BF877 Fuel Filter / BF877B Baldwin Filters, Inc. (BLDFL) / Current: BF877B CARQUEST - BALDWIN FILTERS (CQBLD)

Selected Part Number: BF877B
Manufacturer: CARQUEST - BALDWIN FILTERS (CQBLD)
Description: PRIMARY FUEL SPIN-ON

Technical Details Merchant Post: eBay

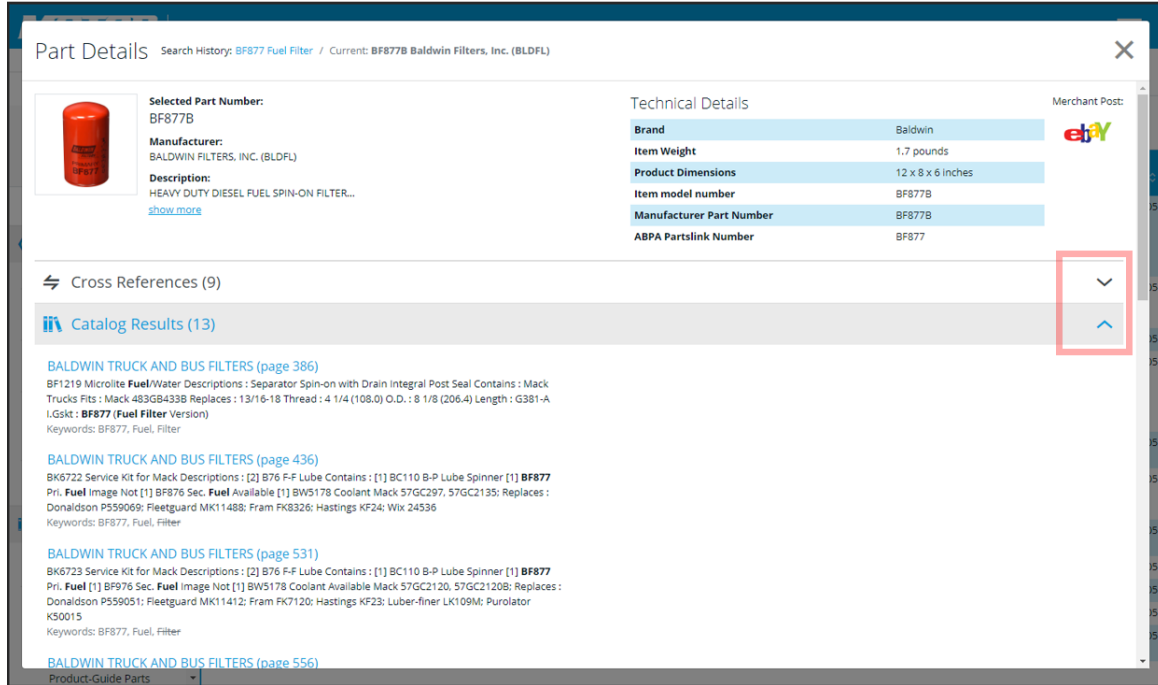
Brand: Baldwin
Item Weight: 1.7 pounds
Product Dimensions: 12 x 8 x 6 inches
Item model number: BF877B
Manufacturer Part Number: BF877B
ABPA Partslink Number: BF877

Catalog References (2)

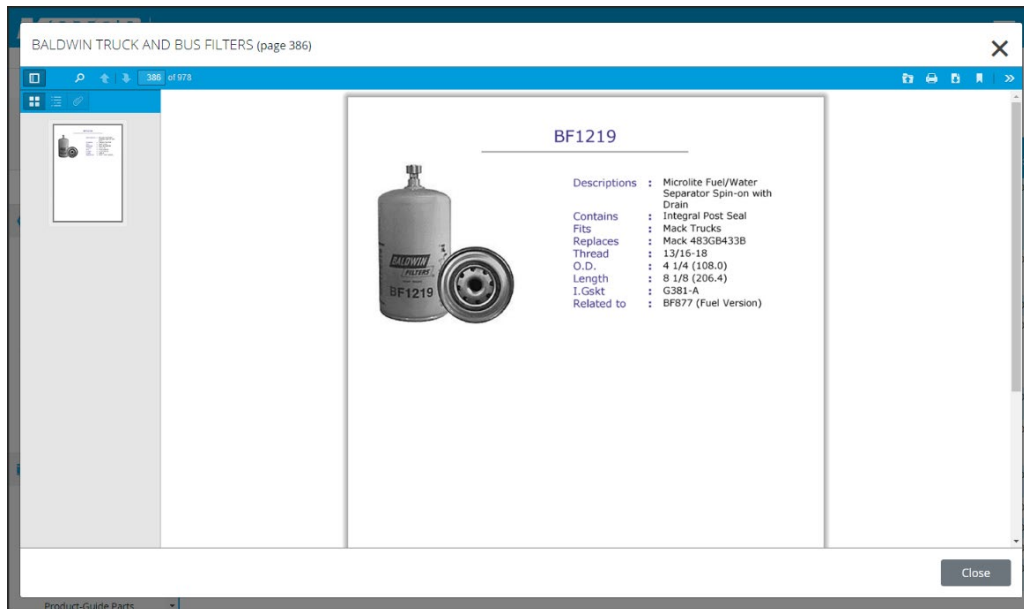
[BALDWIN AM-562-2011 PRODUCT-GUIDE PARTS MANUAL \(page 330\)](#)
 Pri. **Fuel** [1] **BF877** Pri. **Fuel** [1] BF7657 Sec. **Fuel** [1] BF976 Sec. **Fuel** [1] BW5178 Coolant [1] BW5179... Mack 57GC2188A: [1] **BF877** Pri. **Fuel** Fleetguard MK12698 [1] BF976 Sec. **Fuel** Replaces: BK6700 Service... FK3064: Hastings [2] B76 Lube KF45; Luber-finer LK170M; Wix [1] **BF877** Pri. **Fuel** 24564 [1] BF876 Sec... K50001; Wix 24210 [1] BC110 By-Pass Lube Spinner [1] **BF877** Pri. **Fuel** [1] BF876 Sec. **Fuel** BK6702 Service... [1] **BF877** Pri. **Fuel** Donaldson P559069; Fleetguard [1] BF976 Sec. **Fuel** MK11488; Fram FK3326; Replaces... [1] BC110 By-Pass Lube Spinner [1] BC110 By-Pass Lube Spinner [1] **BF877** Pri. **Fuel** [1] BF7656 Pri. **Fuel**
 Keywords: BF877, Fuel, Filter

[BALDWIN AM-562-2011 PRODUCT-GUIDE PARTS MANUAL \(page 105\)](#)
 Equipment: **BF877** Primary Fuel Spin-on Bedford, Pegaso, R.V.I. Buses, Trucks BF877-B Primary Fuel Spin
 Keywords: BF877, Fuel, Filter

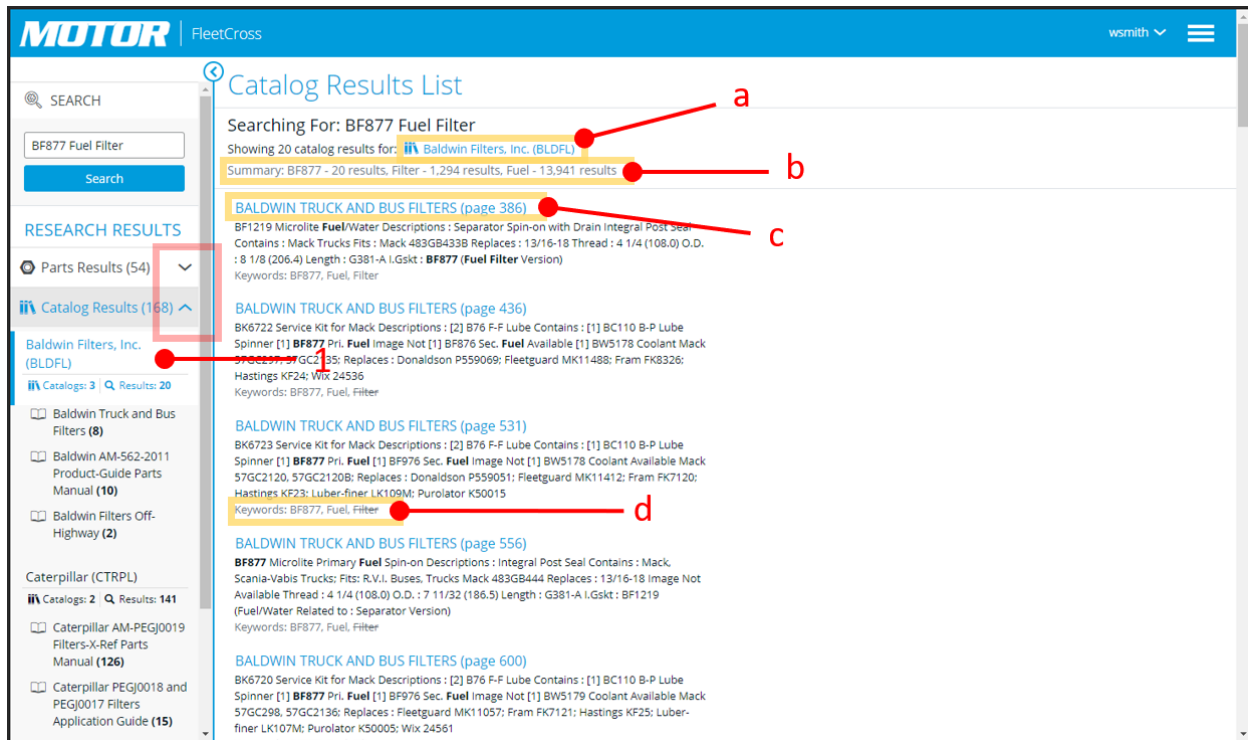
Part Details Overlay – Selecting CATALOG References



- Click the Cross References accordion header to **close**
- Click the Catalog Results accordion header to **open** Catalog Results, or
- Scroll down and click the Catalog Results header to auto close the Cross References section and open the Catalog Results section
- Within the Catalog Results accordion section, select the first link - **BALDWIN TRUCK AND BUS FILTERS (page 386)** – to open the PDF Viewer.



FleetCross Main Page – Catalog Search



In the Research Results Sidebar, click close the Parts Results and/or scroll down to show the Catalog Results

- 1) Select Baldwin Filters, Inc. (BLDRL) – This will display all keyword results found under this category.

Description of Functionalities;

- a) Opens an overlay listing all the catalogs available from the manufacturer. The user can then access the entire catalog via PDF Viewer.
- b) Summary statistics on the keyword search.
- c) Link to specific keywords referenced within a catalog. Opens in to PDF Viewer overlay.
- d) Shows what keywords are found within the specific search result.

When a result link is selected, the PDF Viewer overlay is opened to that reference within the catalog (see: Part Details Overlay – Selecting CATALOG References).