

SECURITIES AND EXCHANGE COMMISSION

FORM 10-D

Periodic distribution reports by Asset-Backed issuers pursuant to Rule 13a-17 or 15d-17

Filing Date: **2013-01-10** | Period of Report: **2012-12-31**
SEC Accession No. [0001193125-13-008931](#)

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FILER

AMERICREDIT FINANCIAL SERVICES INC

CIK: **1002761** | IRS No.: **752439888** | State of Incorpor.: **DE** | Fiscal Year End: **1231**
Type: **10-D** | Act: **34** | File No.: **001-13329** | Film No.: **13521990**
SIC: **6189** Asset-backed securities

Mailing Address	Business Address
<i>C/O AMERICREDIT FINANCIAL SERVICES INC 801 CHERRY STREET SUITE 3900 FORT WORTH TX 76102</i>	<i>C/O AMERICREDIT FINANCIAL SERVICES INC 801 CHERRY ST STE 3900 FORT WORTH TX 76102 8173027000</i>

AFS SenSub Corp.

CIK: **1347185** | IRS No.: **880475154**
Type: **10-D** | Act: **34** | File No.: **333-140931** | Film No.: **13521991**
SIC: **6189** Asset-backed securities

Mailing Address	Business Address
<i>2265B RENAISSANCE DRIVE, SUITE 17 LAS VEGAS NV 89119</i>	<i>2265B RENAISSANCE DRIVE, SUITE 17 LAS VEGAS NV 89119 702-932-4914</i>

AmeriCredit Automobile Receivables Trust 2012-4

CIK: **1557356**
Type: **10-D** | Act: **34** | File No.: **333-170231-08** | Film No.: **13521989**
SIC: **6189** Asset-backed securities

Mailing Address	Business Address
<i>2265B RENAISSANCE DRIVE, SUITE 17 LAS VEGAS NV 89119</i>	<i>2265B RENAISSANCE DRIVE, SUITE 17 LAS VEGAS NV 89119 702-932-4914</i>

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

FORM 10-D

**ASSET-BACKED ISSUER
DISTRIBUTION REPORT PURSUANT TO SECTION 13 OR 15(d) OF
THE SECURITIES EXCHANGE ACT OF 1934**

**For the monthly distribution period from
December 1, 2012 to December 31, 2012**

Commission File Number of issuing entity: 333-170231-08

AMERICREDIT AUTOMOBILE RECEIVABLES TRUST 2012-4

(Exact name of issuing entity as specified in its charter)

Commission File Number of depositor: 333-170231

AFS SENSUB CORP.

(Exact name of depositor as specified in its charter)

AMERICREDIT FINANCIAL SERVICES, INC.

(Exact name of sponsor as specified in its charter)

Delaware

**(State or other jurisdiction of incorporation or
organization of the issuing entity)**

46-6221229

(I.R.S. Employer Identification No.)

c/o AmeriCredit Financial Services, Inc.

801 Cherry Street, Suite 3500

Fort Worth, TX 76102

**(Address of principal executive offices
of issuing entity)**

76102

(Zip Code)

(817) 302-7000

(Telephone number, including area code)

N/A

(Former name, former address, if changed since last report)

Title of Class	Registered/reported pursuant to (check one)			Name of exchange (If Section 12(b))
	Section 12(b)	Section 12(g)	Section 15(d)	
Class A-1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Class A-2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Class A-3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Class B	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Class C	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Class D	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Class E	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

PART I - DISTRIBUTION INFORMATION

ITEM 1 - Distribution and Pool Performance Information.

The response to Item 1 is set forth in part herein and in part in Exhibit 99.1

The record date for distributions described in Exhibit 99.1 was December 31, 2012.

No assets securitized by AmeriCredit Financial Services, Inc. (the "Securitizer") and held by AmeriCredit Automobile Receivables Trust 2012-4 were the subject of a demand to repurchase or replace for breach of the representations and warranties during the distribution period from December 1, 2012 to December 31, 2012.

The Securitizer (CIK # 0001002761) filed Form ABS-15G on February 13, 2012.

PART II - OTHER INFORMATION

ITEM 2 - Legal Proceedings.

None

ITEM 3 - Sales of Securities and Use of Proceeds.

None

ITEM 4 - Defaults Upon Senior Securities.

None

ITEM 5 - Submission of Matters to a Vote of Security Holders.

None

ITEM 6 - Significant Obligors of Pool Assets.

None

ITEM 7 - Significant Enhancement.

None

ITEM 8 - Other Information.

None

ITEM 9 - Exhibits

(a) Documents filed as part of this report:

99.1 Monthly Servicer' s Certificate

(b) Exhibits required by this Form and Item 601 of Regulation S-K (17 CFR 229.601).

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

AMERICREDIT AUTOMOBILE RECEIVABLES TRUST 2012-4
(Issuing Entity)

Dated: January 10, 2013

By: AmeriCredit Financial Services, Inc., as Servicer

By: /s/ Chris A. Choate

Name: Chris A. Choate

Title: Executive Vice President,
Chief Financial Officer and Treasurer

EXHIBIT INDEX

EXHIBIT	DESCRIPTION
99.1	Monthly Servicer' s Certificate

AmeriCredit Automobile Receivables Trust 2012-4

Class A-1 0.30000 % Asset Backed Notes

Class A-2 0.49 % Asset Backed Notes

Class A-3 0.67 % Asset Backed Notes

Class B 1.31 % Asset Backed Notes

Class C 1.93 % Asset Backed Notes

Class D 2.68 % Asset Backed Notes

Class E 3.82 % Asset Backed Notes

Servicer's Certificate

This Servicer's Certificate has been prepared pursuant to Section 4.9 of the Sale and Servicing Agreement among AmeriCredit Automobile Receivables Trust 2012-4, as Issuer, AmeriCredit Financial Services, Inc., as Servicer, AFS SenSub Corp., as Seller, and Wells Fargo Bank, N.A., as the Trust Collateral Agent, dated as of September 10, 2012. Defined terms have the meanings assigned to them in the Sale and Servicing Agreement or in other Transaction Documents.

Monthly Period Beginning:	12/01/2012
Monthly Period Ending:	12/31/2012
Prev. Distribution/Close Date:	12/10/2012
Distribution Date:	01/08/2013
Days of Interest for Period:	29
Days in Collection Period:	31
Months Seasoned:	4

	Purchases	Units	Cut-off Date	Closing Date	Original Pool Balance
Initial Purchase			09/11/2012	09/20/2012	\$1,372,044,943
Total		64,278			\$1,372,044,943

I. MONTHLY PERIOD RECEIVABLES PRINCIPAL BALANCE CALCULATION:

{1}	Beginning of period Aggregate Principal Balance	{1}	\$1,316,895,505
Monthly Principal Amounts			
{2}	Collections on Receivables outstanding at end of period	{2}	28,106,325
{3}	Collections on Receivables paid off during period	{3}	6,172,600
{4}	Receivables becoming Liquidated Receivables during period	{4}	3,270,616
{5}	Receivables becoming Purchased Receivables during period	{5}	0
{6}	Other Receivables adjustments	{6}	47,427
{7}	Less amounts allocable to Interest	{7}	(15,088,267)
{8}	Total Monthly Principal Amounts	{8}	22,508,701
{9}	End of period Aggregate Principal Balance	{9}	\$1,294,386,804
{10}	Pool Factor	{10}	94.3399712 %

II. MONTHLY PERIOD NOTE BALANCE CALCULATION:

		Class A-1	Class A-2	Class A-3	Class B	
{11}	Original Note Balance	{11}	\$191,100,000	\$462,000,000	\$270,280,000	\$99,470,000
{12}	Beginning of period Note Balance	{12}	\$106,095,314	\$462,000,000	\$270,280,000	\$99,470,000
{13}	Noteholders' Principal Distributable Amount	{13}	22,508,701	0	0	0

{14}	Noteholders' Accelerated Principal Amount	{14}	9,763,417	0	0	0
{15}	Aggregate Principal Parity Amount	{15}	0	0	0	0
{16}	Matured Principal Shortfall	{16}				
{17}	End of period Note Balance	{17}	<u>\$73,823,196</u>	<u>\$462,000,000</u>	<u>\$270,280,000</u>	<u>\$99,470,000</u>
{18}	Note Pool Factors	{18}	<u>38.6306625 %</u>	<u>100.0000000 %</u>	<u>100.0000000 %</u>	<u>100.0000000 %</u>
			Class C	Class D	Class E	TOTAL
			<u>\$123,480,000</u>	<u>\$121,430,000</u>	<u>\$32,240,000</u>	<u>\$1,300,000,000</u>
{19}	Beginning of period Note Balance	{19}	<u>\$123,480,000</u>	<u>\$121,430,000</u>	<u>\$32,240,000</u>	<u>\$1,214,995,314</u>
{20}	Noteholders' Principal Distributable Amount	{20}	0	0	0	22,508,701
{21}	Noteholders' Accelerated Principal Amount	{21}	0	0	0	9,763,417
{22}	Aggregate Principal Parity Amount	{22}	0	0	0	0
{23}	Matured Principal Shortfall	{23}				0
{24}	End of period Note Balance	{24}	<u>\$123,480,000</u>	<u>\$121,430,000</u>	<u>\$32,240,000</u>	<u>\$1,182,723,196</u>
{25}	Note Pool Factors	{25}	<u>100.0000000 %</u>	<u>100.0000000 %</u>	<u>100.0000000 %</u>	<u>90.9787074 %</u>

III. CALCULATION OF STEP-DOWN AMOUNT:			
{26}	Ending Pool Balance	{26}	\$1,294,386,804
{27}	14.25 % of Ending Aggregate Principal Balance	{27}	184,450,120
{28}	Less Specified Reserve Balance	{28}	(27,440,899)
{29}	Sum of {27} and {28}	{29}	157,009,221
{30}	Required Pro Forma Note Balance {26}–{29}	{30}	1,137,377,583
{31}	Beginning Note Balance	{31}	1,214,995,314
{32}	Total Monthly Principal Amount	{32}	(22,508,701)
{33}	Pro-Forma Note Balance (Assuming 100% Pay-down)	{33}	1,192,486,613
{34}	Excess of Required Pro-forma over Pro-forma Balance	{34}	0
{35}	Pool Balance minus Pro-forma Note Balance not less than .50% Original Pool Balance (\$6,860,225)	{35}	0
{36}	Step-Down Amount Lesser of {34} or {35}	{36}	\$0

IV. CALCULATION OF PRINCIPAL DISTRIBUTABLE AMOUNT:			
{37}	Total Monthly Principal Amounts	{37}	\$22,508,701
{38}	Step-down Amount	{38}	0
{39}	Principal Distributable Amount	{39}	\$22,508,701

V. CALCULATION OF INTEREST DISTRIBUTABLE AMOUNT:							
		Beginning	Interest	Interest			Calculated
Class		Note	Carryover	Rate	Days	Days Basis	Interest
		Balance					
{40}	Class A-1	\$106,095,314	0	0.30000%	29	Actual days/360	\$25,640
{41}	Class A-2	\$462,000,000	0	0.4900 %	30	30/360	188,650
{42}	Class A-3	\$270,280,000	0	0.6700 %	30	30/360	150,906
{43}	Class B	\$99,470,000	0	1.3100 %	30	30/360	108,588
{44}	Class C	\$123,480,000	0	1.9300 %	30	30/360	198,597
{45}	Class D	\$121,430,000	0	2.6800 %	30	30/360	271,194
{46}	Class E	\$32,240,000	0	3.8200 %	30	30/360	102,631

VI. RECONCILIATION OF COLLECTION ACCOUNT:			
Available Funds:			
{47}	Collections on Receivables during period (net of Liquidation Proceeds and Fees)	{47}	\$34,267,918
{48}	Liquidation Proceeds collected during period	{48}	1,508,895
{49}	Purchase Amounts or amounts from Servicer deposited in Collection Account	{49}	0
{50}	Investment Earnings–Collection Account	{50}	1,834
From Reserve Acct–Investment Earnings, Reserve Acct Withdrawal, Excess Specified Reserve over Note			
{51}	Bal	{51}	2,185
{52}	Collection of Supplemental Servicing–Extension Fees	{52}	11,007
{53}	Collection of Supplemental Servicing–Repo and Recovery Fees Advanced	{53}	133,172
{54}	Collection of Supplemental Servicing–Late Fees, Prepayment Penalty Fees & Force Placed Insurance	{54}	77,286
{55}	Total Available Funds	{55}	36,002,297
Distributions:			
{56}	Base Servicing Fee	{56}	2,469,179

{57}	Repo and Recovery Fees—reimbursed to Servicer	{57}	<u>133,172</u>
{58}	Bank Service Charges—reimbursed to Servicer	{58}	<u>3,712</u>
{59}	Late Fees, Prepayment Penalty Fees & Force Placed Insurance—to Servicer	{59}	<u>77,286</u>
{60}	Agent fees	{60}	<u>416</u>
{61}	Owner Trustee Fee	{61}	<u>208</u>
{62}	Class A-1 Noteholders' Interest Distributable Amount pari passu	{62}	<u>25,640</u>
{63}	Class A-2 Noteholders' Interest Distributable Amount pari passu	{63}	<u>188,650</u>
{64}	Class A-3 Noteholders' Interest Distributable Amount pari passu	{64}	<u>150,906</u>
{65}	Class A Noteholders' Principal Parity Amount or Matured Principal Shortfall	{65}	<u>0</u>
{66}	Class B Noteholders' Interest Distributable Amount	{66}	<u>108,588</u>
{67}	Class B Noteholders' Principal Parity Amount or Matured Principal Shortfall	{67}	<u>0</u>
{68}	Class C Noteholders' Interest Distributable Amount	{68}	<u>198,597</u>
{69}	Class C Noteholders' Principal Parity Amount or Matured Principal Shortfall	{69}	<u>0</u>
{70}	Class D Noteholders' Interest Distributable Amount	{70}	<u>271,194</u>
{71}	Class D Noteholders' Principal Parity Amount or Matured Principal Shortfall	{71}	<u>0</u>
{72}	Class E Noteholders' Interest Distributable Amount	{72}	<u>102,631</u>
{73}	Class E Noteholders' Principal Parity Amount or Matured Principal Shortfall	{73}	<u>0</u>
{74}	Noteholders' Principal Distributable Amount	{74}	<u>22,508,701</u>
{75}	To the Reserve Account, the Reserve Account Deposit	{75}	<u>0</u>
{76}	To the Noteholders, the Accelerated Principal Amount (as calculated below)	{76}	<u>9,763,417</u>
{77}	Add'l fees (Indenture\Owner Trustee, Trust Collateral Agent, Lockbox Bank & Processor)	{77}	<u>0</u>
{78}	To the Certificateholders, the aggregate amount remaining	{78}	<u>0</u>
{79}	Total Distributions	{79}	<u><u>\$36,002,297</u></u>

VII. CALCULATION OF PRINCIPAL PARITY AMOUNT:

		(X)	(Y)	(I)	(II)	
	Class	Cumulative Note Balance	Pool Balance	Excess of (X)-(Y)	Available Funds in Waterfall	Lesser of (I) or (II)
{80}	Class A	\$838,375,314	\$1,294,386,804	\$ 0	\$ 32,953,128	\$ 0
{81}	Class B	937,845,314	1,294,386,804	0	32,844,540	0
{82}	Class C	1,061,325,314	1,294,386,804	0	32,645,943	0
{83}	Class D	1,182,755,314	1,294,386,804	0	32,374,749	0
{84}	Class E	1,214,995,314	1,294,386,804	0	32,272,118	0
{85}	Total					

VIII. CALCULATION OF ACCELERATED PRINCIPAL AMOUNT:

{86}	Excess Available Funds		{86}	\$9,763,417	
{87}	Pro-Forma Note Balance (Calculated after Step-Down)		{87}	1,192,486,613	
{88}	Required Pro Forma Note Balance		{88}	1,137,377,583	
{89}	Excess of Pro-Forma Balance over Required Pro-Forma Balance		{89}	55,109,030	
{90}	Lesser of Excess Available Funds or Excess of Pro-Forma Note Balance		{90}		\$9,763,417

IX. RECONCILIATION OF RESERVE ACCOUNT:

				Current
{91}	Specified Reserve Balance			\$27,440,899
{92}	Beginning of period Reserve Account balance		{92}	\$27,440,899
{93}	The Reserve Account Deposit, from Collection Account		{93}	0
{94}	Investment Earnings		{94}	2,185
{95}	Investment Earnings—transferred to Collection Account Available Funds		{95}	(2,185)
{96}	Reserve Account Withdrawal Amount		{96}	0
{97}	End of period Reserve Account balance		{97}	\$27,440,899

X. CALCULATION OF TOTAL OVERCOLLATERALIZATION:

{98}	Aggregate Principal Balance		{98}	\$1,294,386,804
{99}	End of Period Note Balance		{99}	1,182,723,196
{100}	Overcollateralization		{100}	111,663,608
{101}	Overcollateralization %		{101}	8.63 %

XI. MONTHLY PERIOD AND CUMULATIVE NUMBER OF RECEIVABLES CALCULATION:

			Cumulative	Monthly
{102}	Original Number of Receivables	{102}	64,278	
{103}	Beginning of period number of Receivables	{103}	0	63,231
{104}	Number of Receivables becoming Liquidated Receivables during period	{104}	321	179
{105}	Number of Receivables becoming Purchased Receivables during period	{105}	0	0
{106}	Number of Receivables paid off during period	{106}	1,258	353
{107}	End of period number of Receivables	{107}	62,699	62,699

XII. STATISTICAL DATA: (CURRENT AND HISTORICAL):

			Original		Prev. Month		Current	
{108}	Weighted Average APR of the Receivables	{108}	13.93	%	13.93	%	13.93	%
{109}	Weighted Average Remaining Term of the Receivables	{109}	69.00		65.61		64.62	
{110}	Weighted Average Original Term of Receivables	{110}	70.00		70.00		70.00	
{111}	Average Receivable Balance	{111}	\$21,345		\$20,827		\$20,644	
{112}	Net Losses in Period	{112}	\$0		\$892,461		\$1,761,721	
{113}	Aggregate Realized Losses	{113}	\$0		\$1,284,558		\$3,046,279	
{114}	Aggregate Realized Loss Percentage	{114}			0.093	%	0.222	%
{115}	ABS Prepay Speed	{115}			0.6487		0.6741	

XIII. DELINQUENCY:

Receivables with Scheduled Payment delinquent			Units	Dollars	Percentage	
{116}	31-60 days	{116}	3,162	\$63,918,901	4.85	%
{117}	61-90 days	{117}	442	8,155,137	0.62	%
{118}	over 90 days	{118}	113	1,904,043	0.14	%
{119}	Total	{119}	3,717	\$73,978,081	5.61	%

XIV. EXTENSIONS

{120}	Principal Balance of Receivables extended during current period	{120}	\$1,202,969	
{121}	Beginning of Period Aggregate Principal Balance	{121}	1,316,895,505	
{122}	Extension Rate {120} divided by {121}	{122}	0.09	%

By: /s/ Ellen Billings

Name: Ellen Billings

Title: Senior Vice President, Accounting and Reporting, Finance

Date: January 2, 2013