

SECURITIES AND EXCHANGE COMMISSION

FORM 10-D

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

Filing Date: **2013-01-09** | Period of Report: **2012-12-31**
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FILER

Chrysler Financial Auto Securitization Trust 2010-A

CIK: **1501794**

Type: **10-D** | Act: **34** | File No.: **333-163025-01** | Film No.: **13519840**

SIC: **6189** Asset-backed securities

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**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 – December 31, 2012

Commission File Number of Issuing Entity: 333-163025-01

**CHRYSLER FINANCIAL AUTO
SECURITIZATION TRUST 2010-A**

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

Commission File Number of Depositor: 333-163025

TD AUTO FINANCE LLC

(Exact name of depositor and sponsor as specified in its charter)

State of Delaware

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

20-2614244

(IRS Employer
Identification No.)

c/o U.S. Bank Trust National Association, as owner trustee
300 Delaware Ave., 9th Floor, Wilmington, Delaware

Address of principal executive offices of the issuing entity)

19801

(ZIP Code)

(302) 622-8163

Telephone number, including area code

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

Title of Class	Registration/reporting pursuant to (check one)			Name of Exchange (if Section 12(b))
	Section 12(b)	Section 12(g)	Section 15(d)	
Class A-2 Notes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	—
Class A-3 Notes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	—
Class B Notes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	—
Class C Notes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	—

Class D Notes

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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.

Distribution and performance information for the asset pool of the issuing entity is set forth in the attached exhibit.

The issuing entity has no activity to report regarding the assets in the pool for this distribution period pursuant to Rule 15Ga-1(a). The securitizer's (TD Auto Finance LLC) CIK is 0001337471 and its most recent Form ABS-15G was filed on February 3, 2012.

Part II – Other Information

Item 9. Exhibits.

Exhibit

<u>No.</u>	<u>Description of Exhibit</u>
99	The monthly distribution report of the issuing entity

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 hereunto duly authorized.

Chrysler Financial Auto Securitization Trust 2010-A
(Issuing Entity)

By: TD Auto Finance LLC
(Servicer)

Date: January 9, 2013

By: /s/ Q. Gwynn Lam
Q. Gwynn Lam
Assistant Secretary

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Payment Determination Statement Number	28
Distribution Date	08-Jan-13
Record Date	07-Jan-13

<u>Dates Covered</u>	<u>From and Including</u>	<u>To and Including</u>
Collections Period	01-Dec-12	31-Dec-12
Accrual Period	10-Dec-12	07-Jan-13
30/360 Days	30	
Actual/360 Days	29	

<u>Collateral Pool Balance Data</u>	<u>Number of Accounts</u>	<u>\$ Amount</u>
Pool Balance—Beginning of Period	60,997	\$328,228,853.91
Collections of Installment Principal		23,090,452.01
Collections Attributable to Full Payoffs		7,338,062.19
Principal Amount of Repurchases		0.00
Principal Amount of Gross Losses		941,806.01
Pool Balance—End of Period(EOP)	57,856	<u>\$296,858,533.70</u>

<u>Pool Statistics</u>	<u>End of Period</u>	
Initial Pool Balance (Pool Balance at the Purchase Date)	\$2,100,840,515.46	
Pool Factor (Pool Balance as a % of Initial Pool Balance)	14.13	%
Ending Overcollateralization(O/C) Amount	\$105,042,025.77	
Coverage Ratio (Ending Pool Balance as a % of Ending Notes)	154.762	%
Ending Reserve Account Balance	\$10,504,202.58	
Net Credit Losses	\$261,837.93	<u>Trigger</u> <u>Compliance?</u>
Net Credit Loss Percentage	1.641 %	8.00 % Yes
Cumulative Net Credit Losses	\$34,471,570.52	
Cumulative Recovery Ratio	51.768	%

	<u>\$ Amount</u>	<u>% of EOP Pool Bal.</u>	<u># of Accounts</u>
Delinquency Information:(1)			
31-60 Days Delinquent	\$12,216,840.88	4.115	% 2,108
61-90 Days Delinquent	1,621,285.64	0.546	% 229
91-120 Days Delinquent	391,754.39	0.132	% 44
121 Days or More Delinquent	0.00	0.000	% 0
Repossessions	755,719.39	0.255	% 80

(1) A receivable is not considered past due if the amount past due is less than 10% of the scheduled monthly payment.

60+ Days Delinquency Amount	\$2,768,759.42
60+ Days Delinquency Ratio (3 mos weighted avg.)	0.82678 %

Current Month Prior Month

Weighted Average A.P.R.	7.543	%	7.527	%
Weighted Average Remaining Term (months)	15.55		16.22	
Weighted Average Seasoning (months)	55.44		54.61	

<u>Cash Sources</u>	
Collections of Installment	
Principal	\$ 23,090,452.01
Collections Attributable to Full	
Payoffs	7,338,062.19
Principal Amount of Repurchases	0.00
Recoveries on Loss Accounts	679,968.08
Collections of Interest	2,039,373.94
Investment Earnings	733.14
Reserve Account Draw	0.00
Total Sources	\$ 33,148,589.36

<u>Cash Uses</u>	
Servicer Fee	\$ 273,524.04
Backup Servicer Fee	2,735.24
A Note Interest	0.00
First Priority Principal	
Distribution Amount	0.00
B Note Interest	45,458.64
Second Priority Principal	
Distribution Amount	0.00
C Note Interest	134,803.33
Third Priority Principal	
Distribution Amount	0.00
D Note Interest	320,449.07
Fourth Priority Principal	
Distribution Amount	0.00
Replenish Reserve Fund	0.00
Required Principal Distribution	
Amount	31,370,320.21
Indemnity Amounts	0.00
Additional Servicing Fees	0.00
Distribution to Class E	
Noteholders	1,001,298.83
Total Cash Uses	\$ 33,148,589.36

<u>Administrative Payment</u>	
Total Principal and Interest Sources	\$ 33,148,589.36
Investment Earnings in Trust Account	(733.14)
Daily Collections Remitted	(33,147,856.22)
Reserve Account Draw	0.00
Servicer Fee	(273,524.04)
Distribution to Class E Noteholders	<u>(1,001,298.83)</u>

<u>O/C Release</u>	<u>(Prospectus pg S42)</u>
Pool Balance	\$296,858,533.70
Total Securities	\$191,816,507.93
Adjusted O/C Amount	\$105,042,025.77
Target Overcollateralization Amount	\$105,042,025.77
O/C Release Period?	Yes
O/C Release	\$1,001,298.83

Current Net Credit Loss Percentage	1.641	%
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<u>If Net Credit Loss</u>		
Percentage is	<u>Required O/C %</u>	
<=5.50%	8.00	%
>5.50% but <=6.50%	12.00	%
>6.50%	15.00	%

Current Required O/C%	8.000%
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Payment Due to/(from) Trust

Account

(\$1,274,822.87)

Notes	Beginning		Ending Balance per \$1000 Face	Principal Payment	Principal per \$1000 Face	Interest Payment	Interest \$1000 Face
	Balance	Ending Balance					
Class A-1 688,000,000.00 @ 0.33579%	0.00	0.00	0.0000000	0.00	0.0000000	0.00	0.0000000
Class A-2 720,000,000.00 @ 0.69%	0.00	0.00	0.0000000	0.00	0.0000000	0.00	0.0000000
Class A-3 318,891,000.00 @ 0.91%	0.00	0.00	0.0000000	0.00	0.0000000	0.00	0.0000000
Class B 82,983,000.00 @ 1.65%	33,060,828.14	1,690,507.93	20.3717379	31,370,320.21	378.0330936	45,458.64	0.5478067
Class C 80,882,000.00 @ 2.00%	80,882,000.00	80,882,000.00	1,000.0000000	0.00	0.0000000	134,803.33	1.6666666
Class D 109,244,000.00 @ 3.52%	109,244,000.00	109,244,000.00	1,000.0000000	0.00	0.0000000	320,449.07	2.9333334
Total Notes	\$223,186,828.14	\$191,816,507.93		\$31,370,320.21		\$500,711.04	

* Class A-2, A-3, B, C, and D interest is computed on a 30/360 basis.

Paul S. Colusso

Manager
(248) 427-2557

02-Jan-13
Date