

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549**

FORM 12b-25

Commission File Number: 001-33264

CUSIP Number: 90343C100

NOTIFICATION OF LATE FILING

- Form 10-K Form 20-F Form 11-K
 Form 10-Q Form N-SAR

For Period Ended: December 29, 2012

- Transition Report on Form 10-K
 Transition Report on Form 20-F
 Transition Report on Form 11-K
 Transition Report on Form 10-Q
 Transition Report on Form N-SAR

For the Transition Period Ended:

Nothing in this form shall be construed to imply that the Commission has verified any information contained herein.

**PART I
REGISTRANT INFORMATION**

U.S. Auto Parts Network, Inc.

Full name of registrant:

Former name if applicable:

16941 Keegan Avenue

Address of principal executive office (Street and number):

Carson, California 90746

City, State and zip code:

PART II
RULE 12b-25(b) AND (c)

If the subject report could not be filed without unreasonable effort or expense and the Registrant seeks relief pursuant to Rule 12b-25(b), the following should be completed. (Check box if appropriate.)

- (a) The reasons described in reasonable detail in Part III of this form could not be eliminated without unreasonable effort or expense;
- (b) The subject annual report, semi-annual report, transition report on Form 10-K, 20-F, 11-K or Form N-SAR, or portion thereof will be filed on or before the 15th calendar day following the prescribed due date; or the subject quarterly report or transition report on Form 10-QSB, or portion thereof will be filed on or before the fifth calendar day following the prescribed due date; and
- (c) The accountant's statement or other exhibit required by Rule 12b-25(c) has been attached if applicable.

PART III
NARRATIVE

State below in reasonable detail why the Form 10-K, 20-F, 11-K, 10-Q, N-SAR, N-CSR or the transition report portion thereof could not be filed within the prescribed time period.

As of March 14, 2013, the Company has not completed the preparation of its Annual Report on Form 10-K for the fiscal year ended December 29, 2012. The Company will not be able, without unreasonable effort or expense, to file its Form 10-K for the fiscal year ended December 29, 2012, on March 14, 2013. The Company intends to file the Form 10-K within the fifteen day extension period provided under Rule 12b-25 of the Securities Exchange Act of 1934, as amended.

PART IV
OTHER INFORMATION

- (1) Name and telephone number of person to contact in regard to this notification

David G. Robson

(Name)

(310)

(Area Code)

735-0085

(Telephone Number)

- (2) Have all other periodic reports required under Section 13 or 15(d) of the Securities Exchange Act of 1934 or Section 30 of the Investment Company Act of 1940 during the preceding 12 months or for such shorter period that the registrant was required to file such report(s) been filed? If the answer is no, identify report(s). Yes No
- (3) Is it anticipated that any significant change in results of operations from the corresponding period for the last fiscal year will be reflected by the earnings statements to be included in the subject report or portion thereof? Yes No

If so: attach an explanation of the anticipated change, both narratively and quantitatively, and, if appropriate, state the reasons why a reasonable estimate of the results cannot be made.

U.S. Auto Parts Network, Inc.
(Name of Registrant as Specified in Charter)

has caused this notification to be signed on its behalf by the undersigned thereunto duly authorized.

Date March 14, 2013

/s/ David G. Robson

David G. Robson
Chief Financial Officer