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EDI Specifications

# 852 Product Activity Report

*Version 1.1*

## Revision History

<b>Version</b>	<b>Date</b>	<b>Revisions</b>
Draft	4/22/2011	Draft document for review and comment
1.1	4/27/2011	Prep for Vendor publication

## Specifications

### ST Transaction Set Header

Indicates the start of a transaction set and assigns a control number.

#### EDI Example:

ST\*852\*0001~

Ref.	Data	
Des.	Element	Name
ST01	143	Transaction Set Identifier Code
<b>852</b>		<b>Product Activity Data</b>
ST02	329	Transaction Set Control Number
		<b>Assigned sequentially by the sender to uniquely identify the transaction set</b>

### XQ Reporting Date/Action

Mandatory - Identifies the start and end dates of the reporting period.

**\*\*NOTE\*\* This segment is used in all three levels of the 852 document**

#### EDI Example:

XQ\*H\*20030209\*20030215~

Ref.	Data	
Des.	Element	Name
XQ01	305	Transaction Handling Code
<b>H</b>		<b>Notification Only</b>
XQ02	373	Report Start Date
<b>Format is CCYYMMDD</b>		
XQ03	373	Report End Date

## N1 Name

Optional - Identifies reporting level, it will be Corporate, Warehouse or Store level.

**\*\*NOTE\*\* This segment is used in all three levels of the 852 document**

### EDI Example:

N1\*CQ\*Advance Auto Parts~  
N1\*WH\*WHSE LEVEL~  
N1\*WH\*WHSE LEVEL

Ref.	Data	
Des.	Element	Name

N101	98	Name Identifier Code
<b>CQ</b>		<b>Reporting Location</b>
<b>WH</b>		<b>Reporting Location</b>
<b>SN</b>		<b>Reporting Location</b>

N102	93	Identification Code Qualifier
<b>Advance Auto Parts</b>		
<b>WHSE LEVEL</b>		
<b>STORE LEVEL</b>		

## LIN Item Identification

Specifies line item data.

**\*\*NOTE\*\* This segment is used in all three levels of the 852 document**

### EDI Example:

LIN\*\*BP\*03897575~

Ref.	Data	
Des.	Element	Name

LIN02	235	Product/Service ID Qualifier
<b>BP</b>		<b>Buyers Part Number</b>

LIN03	234	Product/Service ID
<b>Actual AAP SKU Number</b>		

## ZA Product Activity Reporting

Specifies inventory activity.

**\*\*NOTE\*\* This segment is used in all three levels of the 852 document**

### EDI Example:

#### Whse and store level only

ZA\*QA~

ZA\*QP~

ZA\*QS~

ZA\*QN~

ZA\*QC~

ZA\*QT~

#### Corporate level only

ZA\*QA\*525\*EA~

ZA\*QN\*426\*EA~

And so on...

Ref.	Data	Element Name
Des.		
ZA01	859	Activity Code
		<b>QA</b> Quantity on hand
		<b>QP</b> Quantity On-Order
		<b>QS</b> Quantity Sold
		<b>QN</b> Requested Order Quantity
		<b>QC</b> Quantity Committed
		<b>QT</b> Inventory Adjustments

**\*\*NOTE\*\* The next 2 segments are used in the corporate level 852 document only**

ZA02	380	Quantity
ZA03	355	Unit of Measure

**SDQ Destination Quantity**

Optional - Specifies store or whse level inventory activity.

**Used for the 852 documents at the Warehouse or Store level only.****EDI Example:**

SDQ\*EA\*93\*00001\*1\*00002\*2\*00003\*3\*00004\*4\*00005\*5\*00006\*6\*00007\*7\*00008\*8\*00009\*9\*00010\*10~

Ref. Des.	Data Element	Name
SDQ01	355	Unit of Measurement Code <b>EA Eaches</b>
SDQ02	66	Identification Code Qualifier <b>93 Code assigned by originator</b>
SDQ03	67	Identification Code <b>Store Number Warehouse Number</b>
SDQ04	380	Quantity <b>Quantity for Store/Whse listed in SDQ03</b>

\* SDQ03 thru SDQ22 provide for 10 different store/Whse locations and their corresponding quantities.

**CTT Transaction Totals**

Transmits a hash total for a specific element in the transaction set.

**EDI Example:**

CTT\*173~

Ref. Des.	Data Element	Name
CTT01	354	Number of Line Items <b>Number of LIN segments in the transaction set</b>

## SE Transaction Set Trailer

Indicates the end of the transaction set and provides a count of the transmitted segments, including the beginning ST and ending SE segments.

### EDI Example:

SE\*1216\*0001~

Ref. Des.	Data Element	Name
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SE01	96	Number of Included Segments
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**Total number of records in the transaction set including ST and SE segments.**

SE02	329	Transaction Set Control Number
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**Sequential number assigned by the sender; will be the same as the control number in ST02**

## Example

### Corporate level EDI output example

```
ISA*00*      *00*      *01*007941529  *01*879304251
*090223*1132*U*00400*000000067*0*P*<~
GS*PD*007941529*879304251*20090223*1132*7*X*004010~
ST*852*0002~
XQ*H*20090210*20090216~
N1*CQ*Advance Auto Parts~
LIN**BP*ABCDE0123456789~
ZA*QS*12*EA~
ZA*QA*13*EA~
ZA*QP*2214*EA~
ZA*QR*3315*EA~
LIN**BP*EDCBA0123456789~
ZA*QS*12*EA~
ZA*QA*13*EA~
ZA*QP*14*EA~
ZA*QR*15*EA~
LIN**BP*EIEIO0123456789~
ZA*QS*312*EA~
ZA*QA*2313*EA~
ZA*QP*12344*EA~
ZA*QR*1234515*EA~
CTT*3~
SE*32*0002~
GE*1*7~
IEA*1*000000067~
```