



**DOLLAR GENERAL CORPORATION**  
*Electronic Data Interchange*

**Remittance Advice – 820  
Carrier Mapping Guidelines**

*ANSI X12 Version 4010*

Document Change Log

Version	Date	Description
1	9/21/07	Creation of documentation standard

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# 1. INTRODUCTION

This Standard contains the format and establishes the data contents of the Remittance Advice Transaction Set (820) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to make a payment, send a remittance advice, or make a payment and send a remittance advice. This transaction set can be an order to a financial institution to make a payment to a payee. It can also be a remittance advice identifying the detail needed to perform cash application to the payee's accounts receivable system. The remittance advice can go directly from payer to payee, through a financial institution, or through a third party agent.

# 2. HOW TO READ THE DOCUMENTATION

All segments in the subset used by Dollar General are described in the following pages. The segment description is to be read as follows:

## 1 BPR - BEGINNING OF REMITTANCE ADVICE

- 2 Level: Header
- 3 Dollar General status: Mandatory.
- 4 Dollar General occurrences: 1 per message.
- 5 Function: To indicate the beginning of a Remittance Advice Transaction Set and total payment amount, or to enable related transfer of funds and/or information from payer to payee to occur.
- 6 Dollar General interchange: See remarks.
- 6 Example: **BPR\*I\*35321.75\*C\*CHK\*PBC**  
A      B      C      D      E

ANSI X12 STANDARD DEFINITION					Dollar General IMPLEMENTATION		
REF	Element	NAME	ST	FT	ST	FT	REMARKS
	<b>B3</b>	<i>SEGMENT NAME</i>	M		M		
A	01	Transaction Handling Code	M	ID 2	M	ID 2	"I" = Remittance Information Only
B	02	Monetary Amount	M	R 18	M	R 18	Total Payment Amount
C	03	Credit/Debit Flag Code	M	ID 1	M	ID 1	"C" = Credit or "D" = Debit
D	04	Payment Method Code	M	ID 3	M	ID 3	"CHK" = Check
E	05	Payment Format Code	O	ID 10	O	ID 10	"PBC" = Commercial/Corporate Check

### 10 COMMENTS 10 CODE VALUES

### LEGEND

- 1 Segment position in the message structure, segment tag and segment name.
- 2 Identification (when applicable) of the segment group in which the segment is situated and indication at which level the segment is in the message.
- 3 Status of the segment: as defined by Dollar General.
- 4 Number of occurrences of the segment: as defined by ANSI X12 and as used by Dollar General.
- 5 Description of the function of the segment as defined by ANSI X12 and as used by Dollar General.
- 6 Example of the segment as it may appear in an interchange. This example is only illustrative and does not necessarily represent an actual situation. It should **NOT** be used as a basis to implement this message.
- 7 Definition of the segment content as defined by ANSI X12 and as implemented by Dollar General.
- 8 Identification of the data elements in the segment  
 Reference to the example.  
 Data element tag - data elements with a 'C' denote a composite data element.

Data element name - *italic CAPITALS* denote a composite data element.

**ST** - the status of the data element.

- M=Mandatory
- O=Optional

**FT** - the format of the data element and the indication of the number of characters for this data element.

- AN=Alphanumeric
- R=Numeric data where a decimal position is explicit
- Nn=Numeric data where "n" denotes the number of decimal positions to the right of the implied decimal point.
- ID=Identifier data element always containing a unique value from a list predefined values.
- DT=Date (CCYYMMDD)
- TM=Time (HHMMSSd..d)

Remarks on the specific use of the data element in the interchange with Dollar General.

- ⑨ Data elements Dollar General expects including description and notes on segment use.
- ⑩ The segment description can be followed by:
  - Comments providing more information regarding specific data elements and how they must be used and/or understood in messages from Dollar General.

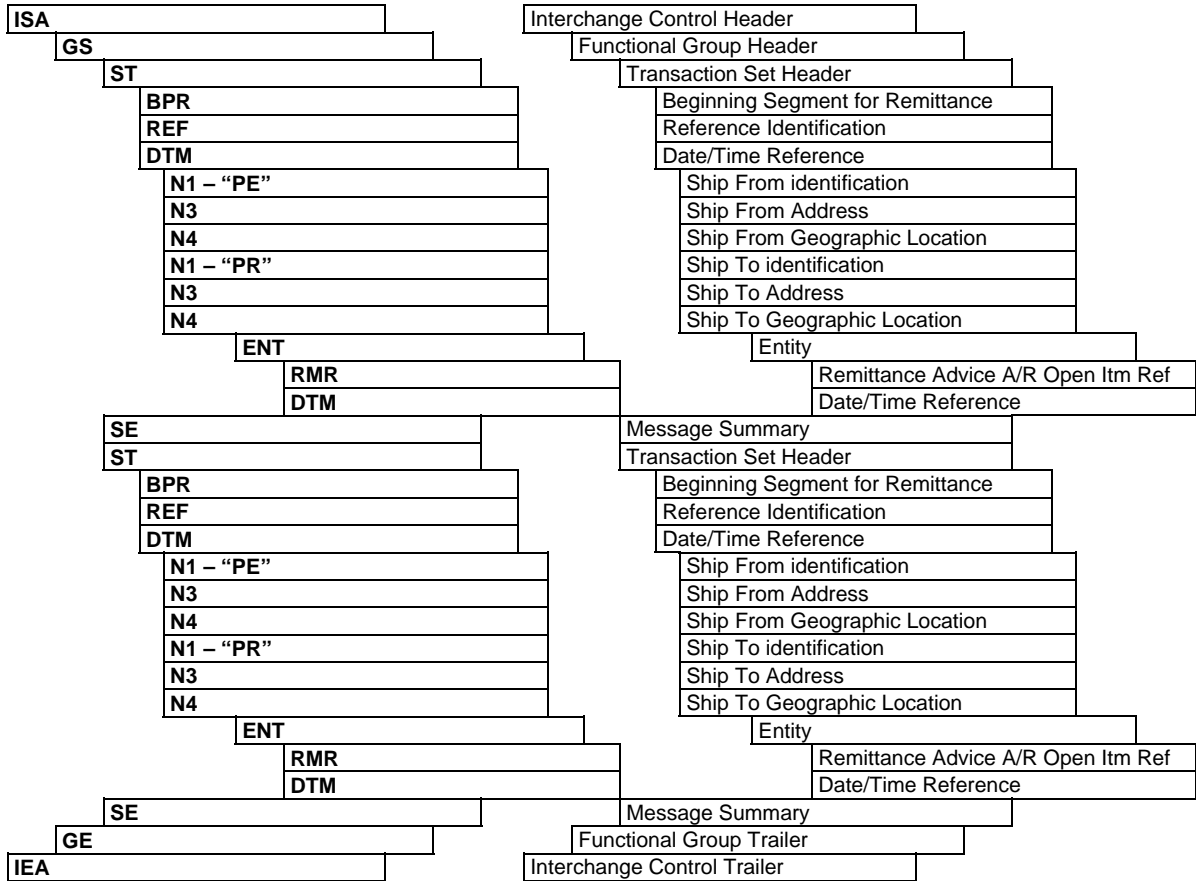
**3. SEGMENT TABLE**

The following table shows the segments defined for the ANSI X12 Version 004010 Remittance Advice message as utilized in the 820 implementation at Dollar General. This table indicates the maximum number of occurrences for each segment.

POSITION	TAG	NAME	ST	MAX USE	USAGE	DG MAX USE
001	ISA	Interchange Control Header	M	1	Mandatory	1
002	GS	Functional Group Header	M	1	Mandatory	1
010	ST	Transaction Set Header	M	1	Mandatory	1
020	BPR	Beginning Segment for Remittance Advice	M	1	Mandatory	1
050	REF	Reference Identification	O	999999	Optional	1
060	DTM	Date/Time Reference	O	999999	Optional	1
<b>LOOP ID – N1</b>				<b>&gt;1</b>		
070	N1	Name	O	1	Optional	2
080	N3	Address Information	O	999999	Optional	1
100	N4	Geographic Location	O	999999	Optional	1
<b>LOOP ID – ENT</b>				<b>&gt;1</b>		
010	ENT	Entity	O	1	Optional	1
<b>LOOP ID – ENT/RMR</b>				<b>&gt;1</b>		
150	RMR	Remittance Advice Accts Recv Open Item Ref	O	1	Optional	1
180	DTM	Date/Time Reference	O	999999	Optional	1
				<b>1</b>		
010	SE	Transaction Set Trailer	O	1	Optional	1

**820 MESSAGE STRUCTURE**

The message structure illustrates how the segments will be repeated in the Carrier Detail Invoice to accommodate the requirements identified by Dollar General.



**DATA SEGMENTS DESCRIPTION**

This part includes only the segments defined in the standard and used in the subset exchanged between Dollar General and its Carriers. The segments are described in the same sequence as they appear in the message.

**ISA – INTERCHANGE CONTROL HEADER**

Level: Header  
 Dollar General status: Mandatory  
 Dollar General occurrences: Maximum – 1 per message  
 Function: To start and identify an interchange of zero or more functional groups and interchange-related control segments  
 Dollar General interchange: See remarks.  
 Example: ISA\*00\* 00 02SCAC 01069331990INV 0202041416U00401000000050T:  
           A B C D E F G H I J K L M N O

ANSI X12 STANDARD DEFINITION					Dollar General IMPLEMENTATION		
REF	Element	NAME	ST	FT	ST	FT	REMARKS
	<b>ISA</b>	<i>SEGMENT NAME</i>	M		M		
A	01	Authorization Information Qualifier	M	ID 2	M	ID 2	"00"
B	02	Authorization Information	M	AN 10	M	AN 10	{Blank}
C	03	Security Information Qualifier	M	ID 2	M	ID 2	"00"
D	04	Security Information	M	AN 10	M	AN 10	{Blank}
E	05	Interchange ID Qualifier (Sender)	M	ID 2	M	ID 2	<b>USER NOTE:</b> Dollar General's qualifier is "01" in test and production. Carrier will use SCAC code with a qualifier of "02".
E	06	Interchange Sender ID	M	AN 15	M	AN 15	<b>USER NOTE:</b> Dollar General's Interchange Ids are as follows: Test = 069331990INV Production = 069331990T Carrier will use their SCAC code as Interchange ID.
F	07	Interchange ID Qualifier (Receiver)	M	ID 2	M	ID 2	<b>USER NOTE:</b> Dollar General's qualifier is "01" in test and production. Carrier will use SCAC code with a qualifier of "02".
G	08	Interchange Receiver ID	M	AN 15	M	AN 15	<b>USER NOTE:</b> Dollar General's Interchange Ids are as follows: Test = 069331990INV Production = 069331990T Carrier will use their SCAC code as Interchange ID.
H	09	Interchange Date	M	DT 6	M	DT 6	
I	10	Interchange Time	M	TM 4	M	TM 4	
J	11	Interchange Control Standards Identifier	M	ID 1	M	ID 1	"U"
K	12	Interchange Control Version Number	M	ID 5	M	ID 5	"04010"
L	13	Interchange Control Number	M	N0 9	M	N0 9	A control number assigned by the interchange sender
M	14	Acknowledgment Requested	M	ID 1	M	ID 1	"0"
N	15	Usage Indicator	M	ID 1	M	ID 1	"T" for Test; "P" for Production
O	16	Component Element Separator	M	1	M	1	

**COMMENTS**



**GS – FUNCTIONAL GROUP HEADER**

Level: Header  
 Dollar General status: Mandatory  
 Dollar General occurrences: Maximum – 1 per message  
 Function: To transmit identifying numbers and other basic data relating to the transaction set  
 Dollar General interchange: See remarks.  
 Example: GS\*IM\*SCAC\*069331990INV\*20020204\*1416\*5\*X\*004010  
   A      B                  C                  D          E  F  G      H

ANSI X12 STANDARD DEFINITION					Dollar General IMPLEMENTATION		
REF	Element	NAME	ST	FT	ST	FT	REMARKS
A	<b>GS</b> 01	SEGMENT NAME Functional Identifier Code	M	ID 2	M	ID 2	204 = "SM" 990 = "GF" 214 = "QM" 210 = "IM" 920 = "RA"
B	02	Application Sender's Code	M	AN 15	M	AN 15	<b>USER NOTE:</b> Dollar General's Application Codes are as follows: Test = 069331990INV Production = 069331990T Carrier will use their SCAC code as Interchange ID.
C	03	Application Receiver Code	M	AN 15	M	AN 15	<b>USER NOTE:</b> Dollar General's Application Codes are as follows: Test = 069331990INV Production = 069331990T Carrier will use their SCAC code as Interchange ID.
D	04	Date	M	DT 8	M	DT 8	
E	05	Time	M	TM 8	M	TM 8	
F	06	Group Control Number	M	N0 9	M	N0 9	Assigned number originated and maintained by the sender
G	07	Responsible Agency Code	M	ID 2	M	ID 2	"X"
H	08	Version / Release / Industry Identifier Code	M	AN 12	M	AN 12	"004010"

**COMMENTS**

## BPR - BEGINNING OF REMITTANCE ADVICE

Level: Header  
 Dollar General status: Mandatory.  
 Dollar General occurrences: 1 per message.  
 Function: To indicate the beginning of a Remittance Advice Transaction Set and total payment amount, or to enable related transfer of funds and/or information from payer to payee to occur.  
 Dollar General interchange: See remarks.  
 Example: **BPR\*I\*35321.75\*C\*CHK\*PBC**  
   A      B      C      D      E

ANSI X12 STANDARD DEFINITION					Dollar General IMPLEMENTATION		
REF	Element	NAME	ST	FT	ST	FT	REMARKS
	<b>BPR</b>	<i>SEGMENT NAME</i>	M		M		
A	01	Transaction Handling Code	M	ID 2	M	ID 2	"I" = Remittance Information Only Total Payment Amount "C" = Credit or "D" = Debit "CHK" = Check "PBC" = Commercial/Corporate Check
B	02	Monetary Amount	M	R 18	M	R 18	
C	03	Credit/Debit Flag Code	M	ID 1	M	ID 1	
D	04	Payment Method Code	M	ID 3	M	ID 3	
E	05	Payment Format Code	O	ID 10	O	ID 10	

**COMMENTS**

**REF – REFERENCE IDENTIFICATION**

Level: Header  
 Dollar General status: Mandatory  
 Dollar General occurrences: Expected Use – 1 occurrence  
 Function:  
 Dollar General interchange: See remarks.  
 Example: **REF\*CK\*56789909**  
   A     B

		ANSI X12 STANDARD DEFINITION				Dollar General IMPLEMENTATION			
REF	Element	NAME	ST	FT	ST	FT	REMARKS		
	<b>REF</b>	<i>SEGMENT NAME</i>	O		M				
A	01	Reference ID Qualifier	M	ID 3	M	ID 3	"CK" = Check Number		
B	02	Reference ID	C	AN 30	M	AN 30	Dollar General's Check Number		

**COMMENTS**

### DTM – DATE/TIME REFERENCE

Level: Header  
 Dollar General status: Mandatory  
 Dollar General occurrences: Expected Use – 1 occurrence  
 Function:  
 Dollar General interchange: See remarks.  
 Example: **DTM\*020\*20070319**  
                                   A      B

ANSI X12 STANDARD DEFINITION				Dollar General IMPLEMENTATION			
REF	Element	NAME	ST	FT	ST	FT	REMARKS
	<b>DTM</b>	<i>SEGMENT NAME</i>	O		O		
A	01	Reference Identification Qualifier	M	ID 3	M	AN 3	"020" = Check
B	02	Reference Information Requested	C	DT 8	M	DT 8	Date expressed as CCYYMMDD

**COMMENTS**

# N1 – NAME

Level: Header  
 Dollar General status: Mandatory  
 Dollar General occurrences: Expected Use – 2 occurrences  
 Function: To identify the party by type of organization, name and code  
 Dollar General interchange: This segment is required.  
 Example:

**N1\*PE\*This Trucking Company**  
           A                  B  
**N1\*PR\*Dollar General Corporation**  
           A                  B

ANSI X12 STANDARD DEFINITION					Dollar General IMPLEMENTATION		
REF	Element	NAME	ST	FT	ST	FT	REMARKS
A	<b>N1</b> 01	<i>SEGMENT NAME</i> Entity Identifier Code	O M	ID 3	M M	ID 3	"PE" = Payee "PR" = Payer
B	02	Name	C	AN 60	M	AN 60	If "PE" = carrier name provided If "PR" = Dollar General Corporation

**COMMENTS**

### N3 – ADDRESS INFORMATION

Level: Header  
 Dollar General status: Mandatory  
 Dollar General occurrences: Expected Use – 1 occurrence  
 Function: To specify the geographic place of the named party  
 Dollar General interchange: This segment is required.  
 Example: **N3\*558 Western Avenue**  
           A

		ANSI X12 STANDARD DEFINITION				Dollar General IMPLEMENTATION			
REF	Element	NAME	ST	FT	ST	FT	REMARKS		
	<b>N3</b>	<i>SEGMENT NAME</i>	O		M				
A	01	Address Information	M	AN 55	M	AN 55			
B	02	Address Information	O	AN 55	O	AN 55			

**COMMENTS**

## N4 – GEOGRAPHIC LOCATION

Level: Header  
 Dollar General status: Mandatory  
 Dollar General occurrences: Expected Use – 1 occurrence  
 Function: To specify the geographic place of the named party  
 Dollar General interchange: This segment is required.  
 Example: **N4\*Raleigh\*NC\*27612\*US**

A B C D

ANSI X12 STANDARD DEFINITION					Dollar General IMPLEMENTATION		
REF	Element	NAME	ST	FT	ST	FT	REMARKS
	<b>N4</b>	<i>SEGMENT NAME</i>	O		M		
A	01	City	O	AN 30	M	AN 30	
B	02	State	O	AN 2	M	AN 2	
C	03	Zip Code	O	AN 15	M	AN 15	
D	04	Country Code	O	AN 3	M	AN 3	

**COMMENTS**

# ENT – ENTITY

Level: Detail  
 Dollar General status: Optional  
 Dollar General occurrences: Expected Use – 1 occurrence  
 Function:  
 Dollar General interchange: See remarks.  
 Example: **ENT\*000001**  
                   A

REF	Element	ANSI X12 STANDARD DEFINITION				Dollar General IMPLEMENTATION			
		NAME	ST	FT	ST	FT	REMARKS		
A	<b>ENT</b> 01	SEGMENT NAME Assigned Number	O O	 N0 6	O M	 N0 6	Unique Reference Number		

**COMMENTS**







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## 5. EXAMPLE OF MESSAGE

Following example is only illustrative and does not necessarily reflect an existing situation. It **MAY NEVER** be used as a basis for programming or implementing this message.

---

```
ISA*00*      *00*      *01*069331990TEST *02*SCAC      *070910*1747*U*00401*000000024*0*T*>μ
GS*RA*069331990TEST*SCAC*20070910*1747*204000020*X*004010μ
ST*820*820000015μ
BPR*I*408.26*C*CHK*PBCμ
REF*CK*3144473μ
DTM*020*20070910μ
N1*PR*DOLLAR GENERAL CORPμ
N3*100 MISSION RIDGEμ
N4*GOODLETTSVILLE*TN*37072*USAμ
N1*PE*CARRIER NAMEμ
N3*SOME BLVD*PO BOX 123μ
N4*CITY*ST*44444μ
ENT*173067μ
RMR*CN*155169664X**408.26*408.26μ
DTM*003*20070904μ
SE*14*820000015μ
GE*1*204000020μ
IEA*1*000000024μ
```

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For ease of reading the message has been shown with each segment type on a separate line, which will not be the case when the message is normally transmitted.