

# **EDI TRADING PARTNER MANUAL**

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**TRANSACTION SET:** 810 – INVOICE

**VERSION:** X12-004010

## **PURPOSE**

THIS TRANSACTION SET IS USED BY ANNA'S LINEN COMPANY TO RECEIVE BILLING INFORMATION FROM THE VENDOR FOR MERCHANDISE THAT WAS PURCHASED FOR RESALE IN OUR STORES. THE TRANSACTION CONTAINS ALL OF THE INVOICE INFORMATION ANNA'S LINENS REQUIRES FOR PAYMENT OF THE MERCHANDISE TO THE SPECIFIED VENDOR. THE SEQUENCE IN WHICH THE VARIOUS SEGMENTS ARE GENERATED IS DESCRIBED BELOW.

## **HIERARCHY**

**ISA** INTERCHANGE CONTROL GROUP HEADER

**GS** FUNCTIONAL GROUP HEADER

**ST** TRANSACTION SET HEADER

**BIG** BEGINNING SEGMENT FOR INVOICE

**REF** REFERENCE IDENTIFICATION

**N1** NAME

**ITD** TERMS OF SALE/DEFERRED TERMS OF SALE

**DTM** DATE/TIME REFERENCE

**IT1** BASELINE ITEM DATA

**TDS** TOTAL MONETARY VALUE SUMMARY

**CAD** CARRIER DETAIL

**SAC** SERVICE, ALLOWANCE, PROMOTION OR CHARGE

**ISS** INVOICE SHIPMENT SUMMARY

**CTT** TRANSACTION TOTALS

**SE** TRANSACTION SET TRAILER

**GE** FUNCTIONAL GROUP TRAILER

**IEA** INTERCHANGE CONTROL TRAILER

# EDI TRADING PARTNER MANUAL

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## EXAMPLE

ISA\*00\* \*00\* \*01\*1247766 \*12\*7148500504 \*000624\*1112\*U\*00401\*000000017\*0\*T\*:  
GS\*IN\*1247766\*7148500504\*20000624\*1112\*17\*X\*004010  
ST\*810\*170001

[INCOMPLETE]

SE\*23\*170001  
GE\*1\*17  
IEA\*1\*000000017

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**TRANSACTION SET:** 810 – INVOICE

**VERSION:** X12-004010

**SEGMENT:** ISA – INTERCHANGE CONTROL HEADER

**LEVEL:** ENVELOPE

**USAGE:** MANDATORY

**MAX. USE:** 1

**PURPOSE**

TO START AND IDENTIFY AN INTERCHANGE OF ONE OR MORE FUNCTIONAL GROUPS AND INTERCHANGE RELATED CONTROL

**DATA ELEMENT SUMMARY**

ISA01	AUTHORIZATION INFO QUALIFIER	M ID 2/2	"00"
ISA02	AUTHORIZATION INFO	M AN 10/10	BLANKS
ISA03	SECURITY INFO QUALIFIER	M ID 2/2	"00"
ISA04	SECURITY INFO	M AN 10/10	BLANKS
ISA05	INTERCHANGE ID QUALIFIER	M ID 2/2	PARTNER ID
ISA06	INTERCHANGE SENDER ID	M AN 15/15	PARTNER QUALIFIER
ISA07	INTERCHANGE ID QUALIFIER	M ID 2/2	"12"
ISA08	INTERCHANGE RECEIVER ID	M AN 15/15	7148500504
ISA09	INTERCHANGE DATE	M DT 6/6	YYMMDD
ISA10	INTERCHANGE TIME	M TM 4/4	HHMM
ISA11	INTERCHANGE STANDARD ID	M ID 1/1	"U"
ISA12	INTERCHANGE VERSION ID	M ID 5/5	"00401"
ISA13	INTERCHANGE CONTROL #	M N0 9/9	SEQUENTIAL #
ISA14	ACKNOWLEDGEMENT REQUESTED	M ID 1/1	"0"
ISA15	TEST INDICATOR	M ID 1/1	"P" = PRODUCTION "T" = TEST
ISA16	SUBELEMENT SEPARATOR	M AN 1/1	"."

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**TRANSACTION SET:** 810 – INVOICE

**VERSION:** X12-004010

**SEGMENT:** GS – FUNCTIONAL GROUP HEADER

**LEVEL:** GROUP

**USAGE:** MANDATORY

**MAX. USE:** 1

## PURPOSE

TO START AND IDENTIFY A FUNCTIONAL GROUP OF RELATED TRANSACTION SETS AND PROVIDE CONTROL AND APPLICATION IDENTIFICATION INFORMATION

## DATA ELEMENT SUMMARY

GS01	FUNCTIONAL ID	M ID 2/2	"IN"
GS02	APPLICATION SENDER'S CODE	M AN 2/15	SAME AS ISA06
GS03	APPLICATION RECEIVER'S CODE	M AN 2/15	"7148500504"
GS04	GROUP DATE	M DT 8/8	CCYYMMDD
GS05	GROUP TIME	M TM 4/8	HHMMSSDD
GS06	GROUP CONTROL NUMBER	M N0 1/9	SEQUENTIAL #
GS07	RESPONSIBLE AGENCY CODE	M ID 1/2	"X"
GS08	VERSION	M AN 1/12	"004010"

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**TRANSACTION SET:** 810 – INVOICE

**VERSION:** X12-004010

**SEGMENT:** ST – TRANSACTION SET HEADER

**LEVEL:** HEADER

**USAGE:** MANDATORY

**MAX. USE:** 1

**PURPOSE**

TO INDICATE THE START OF AN INVOICE TRANSACTION SET AND TO ASSIGN A CONTROL NUMBER

**DATA ELEMENT SUMMARY**

ST01	TRANSACTION SET ID CODE	M ID 3/3	"810"
ST02	TRANSACTION SET CONTROL #	M AN 4/9	SEQUENTIAL #

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**TRANSACTION SET:** 810 – INVOICE

**VERSION:** X12-004010

**SEGMENT:** BIG – BEGINNING SEGMENT FOR INVOICE

**LEVEL:** HEADER

**USAGE:** MANDATORY

**MAX. USE:** 1

## PURPOSE

TO INDICATE THE BEGINNING OF THE INVOICE TRANSACTION SET AND TO TRANSMIT IDENTIFYING INVOICE AND PURCHASE ORDER NUMBERS AND DATE

## DATA ELEMENT SUMMARY

BIG01	INVOICE DATE	M DT 8/8	CCYYMMDD
BIG02	VENDOR INVOICE NUMBER	M AN 1/22	IN NUMBER
BIG04	PURCHASE ORDER NUMBER	M AN 1/22	PO NUMBER

# EDI TRADING PARTNER MANUAL

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**TRANSACTION SET:** 810 – INVOICE

**VERSION:** X12-004010

**SEGMENT:** REF – REFERENCE IDENTIFICATION

**LEVEL:** HEADER

**USAGE:** MANDATORY

**MAX. USE:** 4

## PURPOSE

TO INDICATE THE BUYER'S INTERNAL VENDOR NUMBER

TO INDICATE THE BILL OF LADING NUMBER

TO INDICATE THE PRO NUMBER

## DATA ELEMENT SUMMARY

REF01 IDENTIFICATION QUALIFIER	M ID 2/3	"IA" = INTERNAL VENDOR ID "BM" = BILL OF LADING # "CN" = PRO NUMBER
REF02 INTERNAL VENDOR ID	M AN 1/6	VENDOR #
BILL OF LADING NUMBER	C AN 1/30	BILL OF LADING #
PRO NUMBER	C AN 1/30	PRO #

# EDI TRADING PARTNER MANUAL

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**TRANSACTION SET:** 810 – INVOICE

**VERSION:** X12-004010

**SEGMENT:** N1 – NAME (N1 LOOP)

**LEVEL:** HEADER

**USAGE:** MANDATORY

**MAX. USE:** 3

## PURPOSE

TO IDENTIFY A PARTY BY TYPE OF ORGANIZATION, NAME AND CODE

## DATA ELEMENT SUMMARY

N101	ENTITY ID CODE	M ID 2/3	"ST" = SHIP TO "AG" = AGENT "SF" = SHIP FROM
N102	NAME	M AN 1/60	SHIP FROM LOCATION
N103	ID QUALIFIER	M ID 2/3	"92" = ASSIGNED
N104	ID NUMBER	M AN 1/5	LOCATION ID #



# EDI TRADING PARTNER MANUAL

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**TRANSACTION SET:** 810 – INVOICE

**VERSION:** X12-004010

**SEGMENT:** ITD – TERMS OF SALE/DEFERRED TERMS OF SALE

**LEVEL:** HEADER

**USAGE:** OPTIONAL

**MAX. USE:** 1

**PURPOSE**

TO SPECIFY THE TERMS OF SALE FOR THE ORDER

**DATA ELEMENT SUMMARY**

ITD03	DISCOUNT PERCENT	O R 1/6	DISCOUNT %
ITD04	DISCOUNT DUE DATE	C DT 8/8	CCYYMMDD
ITD06	NET DUE DATE	O DT 8/8	CCYYMMDD
ITD08	DISCOUNT AMOUNT	O N2 1/10	\$ AMOUNT

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**TRANSACTION SET:** 810 – INVOICE

**VERSION:** X12-004010

**SEGMENT:** DTM – DATE/TIME REFERENCE

**LEVEL:** HEADER

**USAGE:** MANDATORY

**MAX. USE:** 1

## PURPOSE

TO SPECIFY PERTINENT DATE AND TIMES  
CONTAINS THE SHIPMENT DATE

## DATA ELEMENT SUMMARY

DTM01 DATE/TIME QUALIFIER

M ID 3/3

“011” = DATE SHIPPED

DTM02 DATE

M DT 8/8

CCYYMMDD

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**TRANSACTION SET:** 810 – INVOICE

**VERSION:** X12-004010

**SEGMENT:** IT1 – BASELINE ITEM DATA

**LEVEL:** DETAIL

**USAGE:** MANDATORY

**MAX. USE:** 200,000

## PURPOSE

TO SPECIFY QUANTITY INVOICED, UNIT OF MEASURE, UNIT PRICE, BUYER'S CATALOG NUMBER, VENDOR'S PART NUMBER, AND UPC CONSUMER PACKAGE CODE

## DATA ELEMENT SUMMARY

IT102	QUANTITY INVOICED	C R 1/10	QUANTITY INVOICED
IT103	UNIT OF MEASURE	C ID 2/2	BASIS CODE
IT104	UNIT PRICE	C R 1/17	\$ AMOUNT
IT106	SERVICE ID QUALIFIER	C ID 2/2	"CB"
IT107	BUYER'S CATALOG NUMBER	C AN 1/48	INTERNAL SKU
IT108	SERVICE ID QUALIFIER	C ID 2/2	"VP"
IT109	VENDOR'S PART NUMBER	C AN 1/48	PART NUMBER
IT110	SERVICE ID QUALIFIER	C ID 2/2	"UP"
IT111	UPC CONSUMER PACKAGE CODE	C AN 1/48	UPC

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**TRANSACTION SET:** 810 – INVOICE

**VERSION:** X12-004010

**SEGMENT:** TDS – TOTAL MONETARY VALUE SUMMARY

**LEVEL:** SUMMARY

**USAGE:** MANDATORY

**MAX. USE:** 1

**PURPOSE**

TO SPECIFY TOTALS FOR THIS INVOICE

**DATA ELEMENT SUMMARY**

TDS01 TOTAL INVOICE AMOUNT	M N2 1/15	\$ AMOUNT
TDS02 AMOUNT DISCOUNT IS ON	O N2 1/15	\$ AMOUNT
TDS03 AMOUNT DUE BY TERMS	O N2 1/15	\$ AMOUNT
TDS04 TOTAL TERMS DISCOUNT	O N2 1/15	\$ AMOUNT

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**TRANSACTION SET:** 810 – INVOICE

**VERSION:** X12-004010

**SEGMENT:** CAD – CARRIER DETAIL

**LEVEL:** SUMMARY

**USAGE:** MANDATORY

**MAX. USE:** 1

**PURPOSE**

TO SPECIFY THE NAME OF THE CARRIER

**DATA ELEMENT SUMMARY**

CAD05 ROUTING

M AN 1/35

CARRIER NAME

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**TRANSACTION SET:** 810 – INVOICE

**VERSION:** X12-004010

**SEGMENT:** SAC – SERVICE, PROMOTION, ALLOWANCE OR CHARGE INFORMATION

**LEVEL:** SUMMARY

**USAGE:** OPTIONAL

**MAX. USE:** 25

**PURPOSE**

TO SPECIFY SPECIAL ALLOWANCES AND/OR CHARGES

**DATA ELEMENT SUMMARY**

SAC01 ALLOWANCE/CHARGE INDICATOR	M ID 1/1	"A" = ALLOWANCE "C" = CHARGE
SAC02 ALLOWANCE/CHARGE CODE	C ID 4/4	
SAC05 AMOUNT	O N2 1/15	\$ AMOUNT
SAC15 DESCRIPTION	C AN 1/80	TEXT DESCRIPTION

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**TRANSACTION SET:** 810 – PURCHASE ORDER

**VERSION:** X12-004010

**SEGMENT:** ISS – INVOICE SHIPMENT SUMMARY

**LEVEL:** SUMMARY

**USAGE:** MANDATORY

**MAX. USE:** 1

**PURPOSE**

TO INDICATE THE NUMBER OF CARTONS SHIPPED

**DATA ELEMENT SUMMARY**

ISS01	CARTON COUNT	M R 1/10	# OF CARTONS SHIPPED
ISS02	UNIT OR BASIS MEASUREMENT CODE	M ID 2/2	"CT" = CARTON COUNT

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**TRANSACTION SET:** 810 – INVOICE

**VERSION:** X12-004010

**SEGMENT:** CTT – TRANSACTION TOTALS

**LEVEL:** TRAILER

**USAGE:** MANDATORY

**MAX. USE:** 1

## PURPOSE

COUNT OF IT1 SEGMENTS AND TOTAL QUANTITY INVOICED

## DATA ELEMENT SUMMARY

CTT01 NUMBER OF LINE ITEMS	M N0 1/6	# OF IT1 SEGMENTS
CTT02 HASH TOTAL	M R 1/10	TOTAL QUANTITY INVOICED



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**TRANSACTION SET:** 810 – INVOICE

**VERSION:** X12-004010

**SEGMENT:** SE – TRANSACTION SET TRAILER

**LEVEL:** SUMMARY

**USAGE:** MANDATORY

**MAX. USE:** 1

## PURPOSE

TO INDICATE THE END OF THE TRANSACTION SET AND PROVIDE THE COUNT OF THE TRANSMITTED SEGMENTS (INCLUDING THE BEGINNING (ST) AND ENDING (SE) SEGMENTS)

## DATA ELEMENT SUMMARY

SE01	# OF INCLUDED SEGMENTS	M N0 1/6	# FROM ST TO SE
SE02	TRANSACTION SET CONTROL #	M AN 4/9	FROM ST02

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**TRANSACTION SET:** 810 – INVOICE

**VERSION:** X12-004010

**SEGMENT:** GE – FUNCTIONAL GROUP HEADER

**LEVEL:** GROUP

**USAGE:** MANDATORY

**MAX. USE:** 1

**PURPOSE**

TO DEFINE THE END OF A FUNCTIONAL GROUP OF RELATED TRANSACTION SETS

**DATA ELEMENT SUMMARY**

GE01	# OF INCLUDED TRANSACTION SETS	M N0 1/6	# OF ST SEGMENTS
GE02	GROUP CONTROL #	M N0 1/9	FROM GS06

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**TRANSACTION SET:** 810 – INVOICE

**VERSION:** X12-004010

**SEGMENT:** IEA – INTERCHANGE CONTROL TRAILER

**LEVEL:** ENVELOPE

**USAGE:** MANDATORY

**MAX. USE:** 1

## PURPOSE

TO DEFINE THE END OF AN INTERCHANGE OF ONE OR MORE FUNCTIONAL GROUPS AND INTERCHANGE RELATED

## DATA ELEMENT SUMMARY

IEA01	# OF INCLUDED GROUPS	M N0 1/5	# OF GS SEGMENTS
IEA02	INTERCHANGE CONTROL #	M N0 9/9	FROM ISA13