

Von Maur 810 Mapping Instructions

Segment Layout 810 Transactions

<u>Segment</u>	<u>Description</u>
ISA	Interchange Control 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
IT1	Baseline Item Data
TDS	Total Monetary Value Summary
CAD	Carrier Detail
SAC	Service, Promotion, Allowance or Charge Information
ISS	Invoice Shipment Summary
SE	Transaction Set Trailer
GE	Functional Group Trailer
IEA	Interchange Control Trailer

Segment Detail – ISA (Interchange Control Header)

Position:

Loop:

Level:

Usage: Mandatory

Max Use: 1

Purpose: To start and identify an interchange of zero or more functional groups and interchange related control segments.

ISA01 I01 Authorization Information Qualifier Mandatory ID 2/2

- Value is 00 – No Authorization Information Present.

ISA02 I02 Authorization Information Mandatory AN 10/10

- Value – This element contains 10 spaces.

ISA03 I03 Security Information Qualifier Mandatory ID 2/2

- Value is 00 – No Security Information Present

ISA04 I04 Security Information Mandatory AN 10/10

- Value – This element contains 10 spaces.

ISA05 I05 Interchange Sender ID Qualifier Mandatory ID 2/2

- Value – Trading Partner Receiver ID Qualifier

ISA06 I06 Interchange Sender ID Mandatory AN 15/15

- Value – Trading Partner Receiver ID

ISA07 I05 Interchange Receiver ID Qualifier Mandatory ID 2/2

- Value is 01 – Duns Number Qualifier (Production)
 - Value for Test documents is 12

ISA08 I07 Interchange Receiver ID Mandatory AN 15/15

- Value is 006940860 (Production)
 - Value for Test documents is 5633885043

ISA09 I08 Interchange Date Mandatory DT 8/8

- Value – Date of the interchange

ISA10 I09 Interchange Time Mandatory TM 4/4

- Value – Time of interchange

ISA11 165 Repetition Separator

- Value is U – U.S. EDI Community of ASC X12, TDCC, and UCS

ISA12 I11 Interchange Control Version Number Mandatory ID 5/5

- Value is 00401 – Standard Issue ANSI X12

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Segment Detail – GS (Functional Group Header)

Position:

Loop:

Level:

Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of a functional group and to provide control information

GS01 479 Functional Identifier Code Mandatory ID 2/2

- Value is 'IN' – 'Invoice'

GS02 142 Application Sender's Code Mandatory AN 2/15

- Trading Partner's ID

GS03 124 Application Receiver's Code Mandatory AN 2/15

- Value is 006940860 for Production
 - Value is 5633885043 for Test

GS04 373 Date Mandatory DT 8/8

- Date of transaction creation (CCYYMMDD)

GS05 337 Time Mandatory TM 4/4

- Time of transaction creation (HHMM)

GS06 28 Group Control Number Mandatory N0 1/9

- Unique number assigned by interchange sender

GS07 455 Responsible Agency Code Mandatory ID 1/2

- Value is X – Represents Accredited Standards Committee X12

GS08 480 Version / Release / Industry Identifier Code Mandatory AN 1/12

- Value is 004010VICS – Version 4010VICS of X12 Standards

Example: GS*IN*Your EDI ID *006940860*20160915*0735*24786*X*004010VICS~

Von Maur 810 Mapping Instructions

Segment Detail – ST (Transaction Set Header)

Position: 010

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the start of a transaction set and to assign a control number

ST01 143 Transaction Set Identifier Code Mandatory 1 ID 3/3

- Value is 810 – ‘Invoice’

ST02 329 Transaction Set Control Number Mandatory 1 AN 4/9

- Transaction Set Control Number. This number must be unique. Relates to the functional Group Control Number.

Example: ST*810*247860001~

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Segment Detail – BIG (Beginning Segment for Invoice)

Position: 020

Loop: N/A

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of the Invoice Transaction Set and transmit identifying numbers and dates

BIG01 373 Date Mandatory DT 8/8

- Values:
 - Invoice date in CCYYMMDD format

BIG02 76 Invoice Number Mandatory AN 1/22

- Value:
 - Invoice number. **Must be unique.**

BIG04 324 Purchase Order Number Mandatory AN 1/22

- Value:
 - Six Digit **Von Maur, Inc.** Purchase Order Number.

BIG07 640 Transaction Type Code Optional ID 2/2

- Value:
 - Transaction Type code

Example: BIG*20160915*112233-006**431374***DR~

Comments:

BIG07 is optional. If you choose to use BIG07, do not use Transaction Type code 'CR' (Credit Memo).

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Segment Detail – REF (Reference Identification)

Position: 050

Loop: N/A

Level: Heading

Usage: Mandatory

Max Use: 12

Purpose: To specify vendor number and department number

ITD01 128 Reference Identification Qualifier Mandatory ID 2/3

- Value:
 - 'IA' – Vendor Number
 - 'DP' – Department Number

ITD02 127 Reference Identification Conditional AN 1/30

- Value:
 - Vendor number or Department number, based on ITD01

Example:

REF*IA*274974~

REF*DP*250~

Comments:

Both Vendor Number and Department Number are required.

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Segment Detail – N1 (Name)

Position: 090

Loop: N1

Level: Heading

Usage: Mandatory

Max Use: 2

Purpose: To specify ship-to and buying stores

N101 98 Entity Identifier Code Mandatory ID 2/3

- Values:
 - 'BY' – Buying Store
 - 'ST' – Ship-To Store

N103 66 Identification Code Qualifier Conditional ID 1/2

- Value is 92 (Assigned by Buyer)

N104 67 Identification Code Conditional AN 2/80

- Value:
 - Corresponding 4-digit Store Number or 2 to 4-letter Store Initials, based on N101

Example:

N1*BY92*0006~**

N1*ST92*0001~**

Comments:

Ship-to store is optional and must be '0001' or 'VMC.' Buying store is required. Buying store data must be accurate for by-store invoices. For bulk invoices, buying store must be '0001' or 'VMC.'

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Segment Detail – ITD (Terms of Sales/Deferred Terms of Sale)

Position: 160

Loop: N/A

Level: Heading

Usage: Optional

Max Use: 5

Purpose: To specify terms of sale

ITD01 336 Terms Type Code Optional ID 2/2

- Value:
 - '01' – 'Basic'
 - '02' – 'End of Month (EOM)'
 - '03' – 'Fixed Date'
 - '05' – 'No discount available'
 - '12' – '10 Days after End of Month (NET 10 EOM)'
 - '14' - 'Previously Agreed Upon'

ITD03 338 Terms Discount Percent Optional R 1/6

- Value:
 - Terms Discount Percent, as described in Purchase Order

ITD05 351 Terms Discount Days Due Conditional N0 1/3

- Value:
 - Terms Discount Days Due, as described in Purchase Order

ITD07 386 Terms Net Days Optional N0 1/3

- Value:
 - Terms Net Days, as described in Purchase Order

ITD12 352 Description Optional AN 1/80

- Value:
 - Free form description of terms.

ITD13 765 Day of Month Conditional N0 1/2

- Value:
 - Calendar due date for Invoice

Semantics:

ITD12 is the free format description of the terms agreed upon.

Example: ITD*01**8**30**30*****8% 30 DAY*09~

Von Maur 810 Mapping Instructions

Segment Detail – IT1 (Baseline Item Data)

Position: 410

Loop: IT1

Level: Detail

Usage: Mandatory

Max Use: 200,000

Purpose: To specify items, quantity, and cost.

IT101 350 Assigned Identification Optional AN 1/20

- Value:
 - Line item number

IT102 358 Quantity Invoiced Conditional R 1/10

- Value:
 - Number of units invoiced

IT103 355 Unit or 355 Unit or Basis for Measurement Code Optional ID 2/2

- Value:
 - 'EA' – 'Each'

IT104 212 Unit Price Conditional R 1/17

- Value:
 - Cost per unit in dollars. Include decimal.

IT106 235 Product/Service ID Qualifier Conditional ID 2/2

- Value:
 - 'VA' – Vendor's Style Number

IT107 234 Product/Service ID Conditional AN 1/48

- Value:
 - Vendor's Style number

IT108 235 Product/Service ID Qualifier Conditional ID 2/2

- Value:
 - 'UP' – 'UPC Number'
 - 'EN' – 'European Article Number (EAN)'
 - 'UE' – 'UPC/EAN Module Code'

IT109 234 Product/Service ID Conditional AN 1/48

- Value:
 - GTIN-12 or GTIN-13 number, depending on IT108

Example: IT1**3*EA*11**VA*TRU-BLK*UP*113922847978~

Comments:

Amount Due is calculated internally, based on data from the ITD, IT1, and TDS lines. The Terms Discount is removed automatically. Do not include the Terms Discount in the IT1 line.

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Segment Detail – TDS (Total Monetary Value Summary)

Position: 940

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

Purpose: To specify total invoice amount and amount due.

TDS01 610 Amount Mandatory N2 1/15

- Value:
 - Total Invoice Amount, before any additional discount beyond Terms Discount in cents. Do not include decimal.

TDS03 610 Amount Mandatory N2 1/15

- Value:
 - Invoice Amount Due in cents. Do not include decimal.

TDS04 610 Amount Optional N2 1/15

- Value:
 - Any additional discount beyond Terms Discount, in cents. Do not include decimal.

Example: TDS*3300**2970*330~

Comments:

*Amount Due is calculated internally, based on data from the ITD, IT1, and TDS lines. The Terms Discount is removed automatically. **Do not include the Terms Discount in the TDS line.***

Von Maur 810 Mapping Instructions

Segment Detail – CAD (Carrier Detail)

Position: 960

Loop:

Level: Summary

Usage: Optional

Max Use: 1

Purpose: To specify shipping information

CAD07 128 Reference Identification Qualifier Mandatory ID 2/3

- Value:
 - 'BM' – 'Bill of Lading number'
 - 'CN' – 'Carrier Reference number'

CAD08 127 Reference Identification Conditional AN 1/30

- Value:
 - Bill of Lading number or Carrier Reference number, based on CAD07

Example: CAD*****BM*8891626511219~

Von Maur 810 Mapping Instructions

Segment Detail – SAC (Service, Promotion, Allowance, or Charge)

Position: 660

Loop: SAC

Level: Summary

Usage: Optional

Max Use: 25

Purpose: To specify additional allowances or charges.

SAC01 248 Allowance or Charge Indicator Mandatory ID 1/1

- Value:
 - A – Allowance
 - C – Charge
 - N – No Allowance Or Charge

SAC05 610 Amount

- Value: Dollar Amount of Allowance or Charge

Example: SAC*A****28~

Comments:

This line is optional and uncommon. While we can accept invoices with SAC data, please note that charges or allowances included in this line are automatically removed during processing.

Segment Detail – ISS (Invoice Shipment Summary)

Position: 1020

Loop: ISS

Level: Summary

Usage: Mandatory

Max Use: 1

Purpose: To specify totals number of units invoiced

ISS01 382 Number of Units Shipped

- Value: Total number of units shipped

ISS02 355 Unit or Basis for Measurement Code

- Value: 'EA'

Example: ISS*3*EA~

Segment Detail – SE (Transaction Set Trailer)

SE – Transaction Set Trailer

Position: 030

Loop: N/A

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) segment.

SE01 96 Number of Included Segments Mandatory NO 1/10

- Value: Total number of segments included in a transaction set including the ST and SE segments

SE02 329 Transaction Set Control Number Mandatory AN 4/9

- Value: Identifying control number that must be unique within the transaction set function group assigned by the originator for a transaction set

Semantics:

SE is the last segment of each transaction set. The data interchange control number SE02 in this line must be identical to the same data element in the associated functional group header, ST02.

Example: SE*12*247860001~

Segment Detail – GE (Functional Group Trailer)

Position:

Loop: N/A

Level: N/A

Usage: Mandatory

Max Use: 1

Purpose: To indicate the end of a functional group and to provide control information

GE01 97 Number of Transaction Sets Included Mandatory NO 1/6

- Value: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element

GE02 28 Group Control Number Mandatory AN 4/9

- Value: A control number assigned by the interchange sender.

Semantics:

The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Example: GE*4*24786~

Segment Detail – IEA (Interchange Control Trailer)

Position:

Loop: N/A

Level: N/A

Usage: Mandatory

Max Use: 1

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

IEA01 I16 Number of Included Functional Groups Mandatory NO 1/5

- Value: A count of the number of functional groups included in an interchange.

IEA02 I12 Interchange Control Number NO 9/9

- Value: A control number assigned by the interchange sender.

Semantics:

The data interchange control number IEA02 in this trailer must be identical to the same data element in the associated functional group header, ISA13.

Example: IEA*4*000008102~