

**ACE HARDWARE****810 INVOICE (FOR CREDIT MEMO ONLY)****ANSI X12 4010**

\*NOTES: PLEASE DO NOT TRANSMIT WAREHOUSE OR REBATE CREDIT MEMOS.

EXISTING DOCUMENT - SEE HIGHLIGHTED FIELDS FOR NEW ADDITIONS

PLEASE REVIEW THE WAY YOU ARE TRANSMITTING YOUR EDI DOCUMENTS TO ACE  
AND MAKE ANY NECESSARY CHANGES ON YOUR END TO AVOID SENDING TWO  
DIFFERENT DOCUMENT TYPES IN THE SAME ISA ENVELOPE

\*\*\*INVOICES, CREDITS, 856'S AND 997'S MUST BE SENT IN SEPARATE ENVELOPES

MAKE SURE YOU ARE SENDING ALL MANDATORY INFORMATION IN CORRECT ELEMENTS. FINES MAY BE ISSUED ON ALL  
DOCUMENTS WHERE DATA IS MISSING OR SENT INCORRECTLY

| ISA SEGMENT     |                   | INTERCHANGE CONTROL HEADER<br>(X12 MANDATORY ENVELOPE) | OCCURS 1 TIME<br>ACE MANDATORY ENVELOPE |            |              |                   |   |
|-----------------|-------------------|--|---|------------|--------------|-------------------|---|
| DATA<br>ELEMENT | ELEMENT<br>NUMBER | DATA ELEMENT NAME                                      | ANSI<br>REQ                             | ACE<br>REQ | DATA<br>TYPE | ELEMENT<br>LENGTH | ACE REQUESTED<br>FIELD CONTENTS   |
| ISA01           | I01               | AUTHORIZATION INFO QUAL.                               | M                                       | M          | ID           | 02/02             | "00".   |
| ISA02           | I02               | AUTHORIZATION INFORMATION                              | M                                       | M          | AN           | 10/10             | FOLLOW STANDARD.  |
| ISA03           | I03               | SECURITY INFO QUALIFIER                                | M                                       | M          | ID           | 02/02             | "00".   |
| ISA04           | I04               | SECURITY INFORMATION                                   | M                                       | M          | AN           | 10/10             | FOLLOW STANDARD.  |
| ISA05           | I05               | INTERCHANGE SENDER ID QUALIFIER                        | M                                       | M          | ID           | 02/02             | YOUR EDI ID QUALIFIER.  |
| ISA06           | I06               | INTERCHANGE SENDER ID                                  | M                                       | M          | ID           | 15/15             | YOUR EDI ID (IE. DUNS #).   |
| ISA07           | I05               | INTERCHANGE RECEIVER ID QUALIFIER                      | M                                       | M          | ID           | 02/02             | IF SENDING TO ACE:<br>"ZZ" = ACE TEST QUALIFIER.<br>"01" = ACE PRODUCTION QUALIFIER.  |
| ISA08           | I07               | INTERCHANGE RECEIVER ID                                | M                                       | M          | ID           | 15/15             | IF SENDING TO ACE:<br>"7089906600" = ACE TEST ID.<br>"006928311" = ACE PRODUCTION ID. |
| ISA09           | I08               | TRANSMISSION DATE                                      | M                                       | M          | DT           | 06/06             | YYMMDD.   |
| ISA10           | I09               | TRANSMISSION TIME                                      | M                                       | M          | TM           | 04/04             | HHMM.   |
| ISA11           | I10               | INTERCHANGE CONTROL ID                                 | M                                       | M          | ID           | 01/01             | "U".  |
| ISA12           | I11               | INTERCHANGE VERSION NUMBER                             | M                                       | M          | ID           | 05/05             | "00400".  |
| ISA13           | I12               | INTERCHANGE CONTROL NUMBER                             | M                                       | M          | N0           | 09/09             | 9 DIGIT CONTROL NUMBER.   |
| ISA14           | I13               | ACKNOWLEDGEMENT REQUEST FLAG                           | M                                       | M          | ID           | 01/01             | "0".  |
| ISA15           | I14               | TEST INDICATOR   | M                                       | M          | ID           | 01/01             | "T" = TEST.<br>"P" = PRODUCTION.  |
| ISA16           | I15               | SUBELEMENT SEPARATOR                                   | M                                       | M          | AN           | 01/01             | FOLLOW STANDARD.  |

Revised '07/2010

| GS SEGMENT      |                   | FUNCTIONAL GROUP HEADER<br>(X12 MANDATORY ENVELOPE) |             | OCCURS 1 TIME<br>ACE MANDATORY ENVELOPE |              |                   |   |
|-----------------|-------------------|---|-------------|---|--------------|-------------------|---|
| DATA<br>ELEMENT | ELEMENT<br>NUMBER | DATA ELEMENT NAME                                   | ANSI<br>REQ | ACE<br>REQ                              | DATA<br>TYPE | ELEMENT<br>LENGTH | ACE REQUESTED<br>FIELD CONTENTS   |
| GS01            | 479               | FUNCTIONAL ID                                       | M           | M                                       | ID           | 02/02             | USE "IN" FOR INVOICE INFORMATION.   |
| GS02            | 142               | GROUP/APPLICATION SENDER ID                         | M           | M                                       | ID           | 02/15             | YOUR GROUP/EDI ID.  |
| GS03            | 124               | GROUP/APPLICATION RECEIVER ID                       | M           | M                                       | ID           | 02/15             | IF SENDING TO ACE:<br>"7089906600" = ACE TEST ID.<br>"006928311" = ACE PRODUCTION ID. |
| GS04            | 373               | APPLICATION GROUP DATE                              | M           | M                                       | DT           | 08/08             | CCYYMMDD.   |
| GS05            | 337               | APPLICATION GROUP TIME                              | M           | M                                       | TM           | 04/08             | HHMM OR HHMMSS OR HHMMSSDD.   |
| GS06            | 28                | APPLICATION GROUP CONTROL NUMB                      | M           | M                                       | N0           | 01/09             | FOLLOW STANDARD.  |
| GS07            | 455               | RESPONSIBLE AGENCY CODE                             | M           | M                                       | ID           | 01/02             | USE "X" FOR ANSI X12.   |
| GS08            | 480               | VERSION/RELEASE INDUSTRY CODE                       | M           | M                                       | ID           | 01/12             | "004010".   |

| ST SEGMENT      |                   | TRANSACTION SET HEADER<br>(X12 MANDATORY ENVELOPE) |             | OCCURS 1 TIME<br>ACE MANDATORY ENVELOPE |              |                   |                                 |
|-----------------|-------------------|--|-------------|---|--------------|-------------------|---------------------------------|
| DATA<br>SEGMENT | ELEMENT<br>NUMBER | DATA ELEMENT NAME                                  | ANSI<br>REQ | ACE<br>REQ                              | DATA<br>TYPE | ELEMENT<br>LENGTH | ACE REQUESTED<br>FIELD CONTENTS |
| ST01            | 143               | TRANSACTION SET ID                                 | M           | M                                       | ID           | 03/03             | "810" FOR X12 INVOICE.          |
| ST02            | 329               | TRANSACTION SET CONTROL NO.                        | M           | M                                       | AN           | 04/09             | FOLLOW STANDARD.                |

| BIG SEGMENT     |                   | BEGINNING SEGMENT FOR INVOICE<br>(X12 MANDATORY SEGMENT)   |             | OCCURS 1 TIME<br>ACE MANDATORY SEGMENT |              |                   |                                 |
|-----------------|-------------------|--|-------------|--|--------------|-------------------|---------------------------------|
| DATA<br>ELEMENT | ELEMENT<br>NUMBER | DATA ELEMENT NAME  | ANSI<br>REQ | ACE<br>REQ                             | DATA<br>TYPE | ELEMENT<br>LENGTH | ACE REQUESTED<br>FIELD CONTENTS |
| BIG01           | 373               | INVOICE DATE   | M           | M                                      | DT           | 08/08             | INVOICE DATE.                   |
| BIG02           | 76                | INVOICE NUMBER   | M           | M                                      | AN           | 01/22             | INVOICE NUMBER.                 |
| BIG03           | 373               | PO DATE  | O           | M                                      | DT           | 08/08             | PO DATE.                        |
| *BIG04          | 324               | PO NUMBER  | O           | M                                      | AN           | 01/22             | PO NUMBER.                      |
| BIG07           | 640               | TRANSACTION TYPE CODE                                      | O           | M                                      | ID           | 02/02             | "CR"=CREDIT MEMO                |
| *NOTE           |                   | RSC PO NUMBER = 1 ALPHA FOLLOWED BY 5 NUMERIC AND 1 ALPHA. |             |  |              |                   |                                 |

| REF SEGMENT  |                | REFERENCE NUMBERS<br>(X12 OPTIONAL SEGMENT) | OCCURS 2 TIMES<br>ACE MANDATORY SEGMENT |         |           |                |  |
|--------------|----------------|---|---|---------|-----------|----------------|--|
| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME                           | ANSI REQ                                | ACE REQ | DATA TYPE | ELEMENT LENGTH | ACE REQUESTED FIELD CONTENTS   |
| REF01        | 128            | REFERENCE NUMBER QUALIFIER                  | M                                       | M       | ID        | 02/03          | DESCRIBES TYPE OF REF NUMBER FOR ACE USE:<br>"IA" = INTERNAL ACE VENDOR NUMBER.<br>"CM" = CREDIT MEMO. |
| *REF02       | 127            | REFERENCE NUMBER                            | X                                       | M       | AN        | 01/30          | IF REF01 = "IA" USE THE ACE VENDOR #.<br>IF REF01 = "CM" USE ACE ORIGNAL INVOICE NUMBER                |
| REF03        | 352            | DESCRIPTION                                 | X                                       | -       | AN        | 01/80          | IF REF01 = "IA" ACE ANTICIPATION CODE IF APPLICABLE  |

| N1 SEGMENT   |                | NAME<br>(X12 OPTIONAL SEGMENT) | N1 LOOP (LOOP WILL REPEAT)<br>ACE MANDATORY SEGMENT |         |           |                |  |
|--------------|----------------|--------------------------------|---|---------|-----------|----------------|--|
| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME              | ANSI REQ  | ACE REQ | DATA TYPE | ELEMENT LENGTH | ACE REQUESTED FIELD CONTENTS   |
| N101         | 98             | ENTITY IDENTIFIER CODE         | M   | M       | ID        | 02/03          | USE ONE OF THE FOLLOWING CODES PER N1 LOOP:<br>"ST" = SHIP TO<br>"RE" = REMIT TO<br>"RC" = RECEIVING OR JOB SITE LOCATION WHEN APPLICABLE. |
| N102         | 93             | NAME                           | X   | M       | AN        | 01/60          | IF N101 = "ST" USE THE SHIP TO NAME<br>IF N101 = "RE" USE THE REMIT TO NAME<br>IF N101 = "RC" USE THE RECEIVING/JOB SITE LOCATION NAME.    |

\*NOTE THE N1 LOOP SHOULD APPEAR TWICE, ONCE FOR SHIP TO AND ONCE FOR REMIT TO.

| N2 SEGMENT   |                | ADDITIONAL NAME INFORMATION<br>(X12 OPTIONAL SEGMENT) | CAN OCCUR 2 TIMES (PER N1 LOOP)<br>ACE OPTIONAL SEGMENT |         |           |                |                                      |
|--------------|----------------|---|---|---------|-----------|----------------|--------------------------------------|
| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME                                     | ANSI REQ  | ACE REQ | DATA TYPE | ELEMENT LENGTH | ACE REQUESTED FIELD CONTENTS         |
| N201         | 93             | NAME  | M   | -       | AN        | 01/60          | SHIP TO, REMIT TO, REC/JOB SITE NAME |

**N3 SEGMENT**ADDRESS INFORMATION  
(X12 OPTIONAL SEGMENT)CAN OCCUR 2 TIMES (PER N1 LOOP)  
ACE MANDATORY SEGMENT

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ACE REQ | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE REQUESTED FIELD CONTENTS          |
|--------------|----------------|-------------------|---------|----------|-----------|----------------|---------------------------------------|
| N301         | 166            | ADDRESS           | M       | M        | ID        | 01/55          | SHIP TO, REMIT TO OR RECV/JOB SITE AD |
| N302         | 166            | ADDRESS           | O       | O        | ID        | 01/55          | SHIP TO, REMIT TO OR RECV/JOB SITE AD |

**N4 SEGMENT**GEOGRAPHIC LOCATION  
(X12 OPTIONAL SEGMENT)OCCURS 1 TIME (PER N1 LOOP)  
ACE MANDATORY SEGMENT

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME      | ANSI REQ | ACE REQ | DATA TYPE | ELEMENT LENGTH | ACE REQUESTED FIELD CONTENTS  |
|--------------|----------------|------------------------|----------|---------|-----------|----------------|---|
| N401         | 19             | CITY NAME              | O        | M       | AN        | 02/30          | SHIP TO, REMIT TO, RECV/JOB SITE CITY.  |
| N402         | 156            | STATE OR PROVINCE CODE | O        | M       | ID        | 02/02          | SHIP TO, REMIT TO OR RECV/JOB SITE ST   |
| N403         | 116            | POSTAL CODE            | O        | M       | ID        | 03/15          | SHIP TO, REMIT TO OR RECV/JOB SITE ZIP.   |
| N405         | 309            | LOCATION QUALIFIER     | O        | M       | ID        | 01/02          | USE THIS ELEMENT IF N101 = "ST"<br>USE "SN" IF SHIP TO IS A STORE.<br>USE "DC" IF SHIP TO IS A DISTRIBUTION.<br>CENTER OR RSC.  |
| N406         | 310            | LOCATION IDENTIFIER    | X        | M       | AN        | 01/30          | IF N405 = "SN" USE THE SHIP TO STORE #.<br>THE STORE NUMBER CAN BE FOUND<br>IN THE "ACE STORE LIST BY STATE &<br>CITY BOOK".<br>DO NOT PREFIX THE STORE NUMBER<br>WITH THE DUNS NUMBER. |

**ITD SEGMENT**

TERMS OR DEFERRED TERMS OF SALE

(X12 OPTIONAL SEGMENT)

ACE MANDATORY SEGMENT

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME       | ANSI REQ | ACE REQ | DATA TYPE | ELEMENT LENGTH | ACE REQUESTED FIELD CONTENTS   |
|--------------|----------------|-------------------------|----------|---------|-----------|----------------|--|
| ITD01        | 336            | TERMS TYPE CODE         | O        | M       | ID        | 02/02          | "14" =TERMS PREVIOUSLY AGREED UPON.  |
| ITD02        | 333            | TERMS BASIS DATE CODE   | O        | M       | ID        | 01/02          | CODE IDENTIFYING BEGINNING OF TERMS PERIOD:<br>CODE "3" = INVOICE DATE.  |
| ITD03        | 338            | TERMS DISCOUNT %        | O        | X       | R         | 01/06          | PERCENT OF GROSS AMOUNT THAT CAN BE DEDUCTED IF INVOICE IS PAID BY DUE DATE.<br>DO NOT USE DECIMAL POINTS FOR %. |
| *ITD04       | 370            | TERMS DISCOUNT DUE DATE | X        | X       | DT        | 08/08          | DATE PAYMENT IS DUE, IF DISCOUNT IS TO BE REALIZED.  |
| *ITD05       | 351            | TERMS DISCOUNT DAYS DUE | X        | X       | N0        | 01/03          | # OF DAYS UNTIL PAYMENT IS DUE, IF DISCOUNT IS TO BE REALIZED.   |
| *ITD06       | 446            | TERMS NET DUE DATE      | O        | X       | DT        | 08/08          | DATE TOTAL GROSS INVOICE IS DUE.   |
| *ITD07       | 386            | TERMS NET DAYS DUE      | O        | X       | N0        | 01/03          | # OF DAYS UNTIL TOTAL INVOICE IS DUE (DISCOUNT NOT APPLICABLE).  |
| ITD08        | 362            | TERMS DISCOUNT AMOUNT   | O        | X       | N2        | 01/10          | DISCOUNT REFLECTED AS \$ AMOUNT.   |

\*NOTE PLEASE INCLUDE EITHER ITD04 OR ITD05 BUT NOT BOTH. ALSO, INCLUDE EITHER ITD06 OR ITD07 BUT NOT BOTH.

**DTM SEGMENT**

DATE/TIME REFERENCE

(X12 OPTIONAL SEGMENT)

MULTIPLE OCCURRENCE POSSIBLE

ACE OPTIONAL SEGMENT

| DATA SEGMENT | ELEMENT NUMBER | DATA ELEMENT NAME   | ANSI REQ | ACE REQ | DATA TYPE | ELEMENT LENGTH | ACE REQUESTED FIELD CONTENTS     |
|--------------|----------------|---------------------|----------|---------|-----------|----------------|----------------------------------|
| DTM01        | 374            | DATE/TIME QUALIFIER | M        | -       | ID        | 03/03          | USE CODE "011" FOR DATE SHIPPED. |
| DTM02        | 373            | DATE                | X        | -       | DT        | 08/08          | ACTUAL DATE SHIPPED.             |

| IT1 SEGMENT  |                | BASELINE ITEM DATA<br>(X12 OPTIONAL SEGMENT) |          | IT1 LOOP (LOOP CAN REPEAT)<br>ACE MANDATORY SEGMENT |           |                |                                    |
|--|----------------|--|----------|---|-----------|----------------|------------------------------------|
| DATA ELEMENT   | ELEMENT NUMBER | DATA ELEMENT NAME                            | ANSI REQ | ACE REQ   | DATA TYPE | ELEMENT LENGTH | ACE REQUESTED FIELD CONTENTS       |
| IT102  | 358            | QUANTITY INVOICED                            | X        | M   | R         | 01/10          | QUANTITY INVOICED.                 |
| IT103  | 355            | UNIT OF MEASURE CODE                         | X        | M   | ID        | 02/02          | USE CODE "EA" FOR EACH.            |
| IT104  | 212            | UNIT PRICE                                   | X        | M   | R         | 01/17          | NET "EACH" PRICE.                  |
| CONDITIONAL PAIRS IT106-IT111 MAY OCCUR IN ANY ORDER |                |  |          |   |           |                |                                    |
| *IT106   | 235            | PROD/SERV ID QUALIFIER                       | X        | X   | ID        | 02/02          | "UK"=UPC CODE OR                   |
| *IT107   | 234            | PRODUCT /SERVICE ID                          | X        | X   | AN        | 01/48          | UPC CODE OR EAN CODE.              |
| *IT108   | 235            | PROD/SERV ID QUALIFIER                       | X        | X   | ID        | 02/02          | USE "IN" FOR BUYERS ITEM #.        |
| *IT109   | 234            | PRODUCT /SERVICE ID                          | X        | X   | AN        | 01/48          | ACE SKU NUMBER.                    |
| *IT110   | 235            | PROD/SERV ID QUALIFIER                       | X        | X   | ID        | 02/02          | USE CODE "VN" FOR VENDORS REF. NO. |
| *IT111   | 234            | PRODUCT /SERVICE ID                          | X        | X   | AN        | 01/48          | MANUFACTURER NO (VENDOR REF #).    |

\*NOTE: WE REQUEST ALL THREE PRODUCT/SERVICE ID (IT107, IT109 AND IT111 PER LINE ITEM(IT1).  
UPC IS MANDATORY. THESE IDENTIFIERS MAY BE IN ANY ORDER BUT MUST BE PROCEEDED  
WITH THE PRODUCT/SERVICE QUALIFIER SHOWN IN THE FORMATS."UP" PRODUCT ID IS CHANGED TO "UK"  
TO FACILITATE GLOBAL COMMERCE. THE 12-DIGIT UPC IS EXPANDED TO 14-DIGIT

**\*\* FOR DROP SHIP INVOICES - YOU NEED TO SEND BACK YOUR VENDOR REF # AND UPC**

| IT3 SEGMENT  |                | ADDITIONAL ITEM DATA<br>(X12 OPTIONAL SEGMENT) |          | OCCURS 1 TIME (PER IT1 LOOP)<br>ACE OPTIONAL SEGMENT |           |                |                              |
|--------------|----------------|--|----------|--|-----------|----------------|------------------------------|
| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME                              | ANSI REQ | ACE REQ  | DATA TYPE | ELEMENT LENGTH | ACE REQUESTED FIELD CONTENTS |
| IT304        | 383            | QUANTITY DIFFERENCE                            | X        | -  | R         | 01/09          | QUANTITY ON BACKORDER.       |

| PID SEGMENT  |                | PRODUCT ITEM DISCRPTION<br>(X12 OPTIONAL SEGMENT) |          | OCCURS 1 TIME (PER IT1 LOOP)<br>ACE MANDATORY SEGMENT |           |                |                              |
|--------------|----------------|---|----------|---|-----------|----------------|------------------------------|
| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME                                 | ANSI REQ | ACE REQ   | DATA TYPE | ELEMENT LENGTH | ACE REQUESTED FIELD CONTENTS |
| PID01        | 349            | ITEM DESCRIPTION TYPE                             | M        | M   | ID        | 01/01          | USE "F" FOR FREE FORM.       |
| PID05        | 352            | DESCRIPTION                                       | X        | M   | AN        | 01/80          | PRODUCT DESCRIPTION .        |

| TDS SEGMENT  |                | TOTAL MONETARY VALUE SUMMARY<br>(X12 MANDATORY SEGMENT) |          | OCCURS 1 TIME<br>ACE MANDATORY SEGMENT |           |                |  |
|--------------|----------------|---|----------|--|-----------|----------------|--|
| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME                                       | ANSI REQ | ACE REQ                                | DATA TYPE | ELEMENT LENGTH | ACE REQUESTED FIELD CONTENTS   |
| TDS01        | 610            | TOTAL INVOICE AMT                                       | M        | M                                      | N2        | 01/15          | GROSS TOTAL DUE, INCLUDING FREIGHT CHARGES AND ALLOWANCES. DO NOT USE DECIMAL POINT. |

| CAD SEGMENT  |                | CARRIER DETAIL<br>(X12 OPTIONAL SEGMENT) |          | OCCURS 1 TIME<br>ACE OPTIONAL SEGMENT |           |                |                              |
|--------------|----------------|--|----------|---------------------------------------|-----------|----------------|------------------------------|
| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME                        | ANSI REQ | ACE REQ                               | DATA TYPE | ELEMENT LENGTH | ACE REQUESTED FIELD CONTENTS |
| CAD05        | 387            | ROUTING                                  | X        | -                                     | AN        | 1/35           | CARRIER NAME.                |

| SAC SEGMENT  |              | ALLOWANCE / CHARGE<br>(X12 OPTIONAL SEGMENT) |          | MULTIPLE OCCURRENCE POSSIBLE<br>ACE MANDATORY SEGMENT |           |                |  |
|--------------|--------------|--|----------|---|-----------|----------------|--|
| DATA ELEMENT | ELEMENT NAME | DATA ELEMENT NAME                            | ANSI REQ | ACE REQ   | DATA TYPE | ELEMENT LENGTH | ACE REQUESTED FIELD CONTENTS   |
| SAC01        | 248          | ALLOWANCE/CHARGE INDICATOR                   | M        | M   | ID        | 01/01          | "C" = CHARGE<br>"A" = ALLOWANCE  |
| SAC02        | 1300         | ALLOWANCE/CHARGE CODE                        | X        | M   | ID        | 04/04          | H430 = SHORTAGE<br>B950 = DAMAGE<br>I730 = PRICE ERROR<br>H850=TAX<br>G520=RETURNED GOODS<br>H480=ADVERTISING<br>I590=WARRANTY<br>C000=DEFECTIVE ALLOWANCE<br>F970=REBATE<br>D240=FRIEGHT CREDIT<br>F050 = OTHER/MISCELLANEOUS<br>D170 FREE GOODS<br>E065 INVOICE ADJUSTMENT<br>F180 PALLET<br>F800 PROMOTIONAL ALLOWANCE<br>F810 PROMOTIONAL DISCOUNT |
| SAC03        | 559          | AGENCY QUALIFIER CODE                        | X        | M   | ID        | 02/02          | THERE ARE MANY CODES;ACE WILL SPECIFICALLY USE:<br>"FC"=FREIGHT CHARGE<br>"FA"=FREIGHT ALLOWANCE<br>NOTE:ACE ACCEPTS ALL STANDARD CODES, BUT TREATS THEM AS A MISC CHARGES OR ALLOWANCE.   |
| SAC04        | 1301         | METHOD OF HANDLING                           | X        | M   | AN        | 01/10          | "ZZ"=MUTUALLY DEFINED  |
| SAC05        | 610          | ALLOW OR CHRG TOTAL AMOUNT                   | O        | M   | N2        | 01/15          | TOTAL ALLOWANCE/CHARGE AMOUNT.   |
| SAC15        | 352          | DESCRIPTION                                  | X        | M   | AN        | 01/80          | DESCRIPTION OF ALLOWANCE/CHARGE.   |

\*NOTE MULTIPLE SAC SEGMENTS CAN BE SENT.



| CTT SEGMENT     |                   | TRANSACTION TOTALS<br>(X12 MANDATORY SEGMENT) |             | OCCURS 1 TIME<br>ACE MANDATORY SEGMENT |              |                   |  |
|-----------------|-------------------|---|-------------|--|--------------|-------------------|--|
| DATA<br>ELEMENT | ELEMENT<br>NUMBER | DATA ELEMENT NAME                             | ANSI<br>REQ | ACE<br>REQ                             | DATA<br>TYPE | ELEMENT<br>LENGTH | ACE REQUESTED<br>FIELD CONTENTS                              |
| CTT01           | 354               | NUMBER OF LINE ITEMS                          | M           | M                                      | N0           | 01/06             | TOTAL NUMBER OF INVOICE LINES<br>I.E. SUM OF IT1 OCCURENCES. |
| CTT02           | 347               | HASH TOTALS                                   | O           | O                                      | R            | 01/10             | TOTAL EACHES INVOICED<br>I.E. SUM OF IT102 CONTENTS.         |
| CTT03           | 81                | WEIGHT  | X           | O                                      | R            | 01/10             | TOTAL WEIGHT OF ORDER.                                       |
| CTT04           | 355               | UNIT OF MEASUREMENT CODE                      | X           | X                                      | ID           | 02/02             | "ZZ" = MUTUALLY DEFINED.                                     |

| SE SEGMENT      |                   | TRANSACTION SET TRAILER<br>(X12 MANDATORY ENVELOPE) |             | OCCURS 1 TIME<br>ACE MANDATORY ENVELOPE |              |                   |                                 |
|-----------------|-------------------|---|-------------|---|--------------|-------------------|---------------------------------|
| DATA<br>ELEMENT | ELEMENT<br>NUMBER | DATA ELEMENT NAME                                   | ANSI<br>REQ | ACE<br>REQ                              | DATA<br>TYPE | ELEMENT<br>LENGTH | ACE REQUESTED<br>FIELD CONTENTS |
| SE01            | 96                | NUMBER OF INCLUDED SEGMENTS                         | M           | M                                       | N0           | 01/06             | FOLLOW STANDARD.                |
| SE02            | 329               | TRANSACTION SET CONTROL NO                          | M           | M                                       | AN           | 04/09             | FOLLOW STANDARD.                |

| GE SEGMENT      |                   | FUNCTIONAL GROUP TRAILER<br>(X12 MANDATORY ENVELOPE) |             | OCCURS 1 TIME<br>ACE MANDATORY ENVELOPE |              |                   |                                 |
|-----------------|-------------------|--|-------------|---|--------------|-------------------|---------------------------------|
| DATA<br>ELEMENT | ELEMENT<br>NUMBER | DATA ELEMENT NAME                                    | ANSI<br>REQ | ACE<br>REQ                              | DATA<br>TYPE | ELEMENT<br>LENGTH | ACE REQUESTED<br>FIELD CONTENTS |
| GE01            | 97                | NO. OF INCLUDED TRANSACTION SETS                     | M           | M                                       | N0           | 01/06             | FOLLOW STANDARD.                |
| GE02            | 28                | GROUP CONTROL NO                                     | M           | M                                       | N0           | 01/09             | FOLLOW STANDARD.                |

| IEA SEGMENT     |                   | INTERCHANGE CONTROL TRAILER<br>(X12 MANDATORY ENVELOPE) |             | OCCURS 1 TIME<br>ACE MANDATORY ENVELOPE |              |                   |                                 |
|-----------------|-------------------|---|-------------|---|--------------|-------------------|---------------------------------|
| DATA<br>ELEMENT | ELEMENT<br>NUMBER | DATA ELEMENT NAME                                       | ANSI<br>REQ | ACE<br>REQ                              | DATA<br>TYPE | ELEMENT<br>LENGTH | ACE REQUESTED<br>FIELD CONTENTS |
| IEA01           | I16               | NUMBER OF INCLUDED GROUPS                               | M           | M                                       | N0           | 01/05             | FOLLOW STANDARD.                |
| IEA02           | I12               | INTERCHANGE CONTROL NO                                  | M           | M                                       | N0           | 01/09             | FOLLOW STANDARD.                |