

**ACE HARDWARE
850 PURCHASE ORDER
ANSI X12 4010**

ISA SEGMENT

INTERCHANGE CONTROL HEADER OCCURS 1 TIME
(X12 MANDATORY ENVELOPE)

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|-----------------------------------|----------|-----------|----------------|--|
| ISA01 | I01 | AUTHORIZATION INFO QUALIFIER | M | ID | 02/02 | "00". |
| ISA02 | I02 | AUTHORIZATION INFORMATION | M | AN | 10/10 | STANDARD FOLLOWED. |
| ISA03 | I03 | SECURITY INFO QUALIFIER | M | ID | 02/02 | "00". |
| ISA04 | I04 | SECURITY INFORMATION | M | AN | 10/10 | STANDARD FOLLOWED. |
| ISA05 | I05 | INTERCHANGE SENDER ID QUALIFIER | M | ID | 02/02 | ACE AS SENDER: ACE EDI QUALIFIER WILL BE "01". |
| ISA06 | I06 | INTERCHANGE SENDER ID | M | ID | 15/15 | ACE AS SENDER: ACE EDI ID WILL BE "006928311". |
| ISA07 | I05 | INTERCHANGE RECEIVER ID QUALIFIER | M | ID | 02/02 | YOUR EDI ID QUALIFIER. |
| ISA08 | I07 | INTERCHANGE RECEIVER ID | M | ID | 15/15 | YOUR EDI ID (IE. DUNS #). |
| ISA09 | I08 | TRANSMISSION DATE | M | DT | 06/06 | YYMMDD. |
| ISA10 | I09 | TRANSMISSION TIME | M | TM | 04/04 | HHMM. |
| ISA11 | I10 | INTERCHANGE CONTROL ID | M | ID | 01/01 | "U". |
| ISA12 | I11 | INTERCHANGE VERSION NUMBER | M | ID | 05/05 | "00400". |
| ISA13 | I12 | INTERCHANGE CONTROL NUMBER | M | N0 | 09/09 | 9 DIGIT CONTROL NUMBER. |
| ISA14 | I13 | ACKNOWLEDGEMENT REQUEST FLAG | M | ID | 01/01 | "0". |
| ISA15 | I14 | TEST INDICATOR | M | ID | 01/01 | "T" = TEST. "P" = PRODUCTION. |
| ISA16 | I15 | SUBELEMENT SEPARATOR | M | AN | 01/01 | HEX VALUE = 6A (;). |

GS SEGMENTFUNCTIONAL GROUP HEADER
(X12 MANDATORY ENVELOPE)

OCCURS 1 TIME

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|--------------------------------|----------|-----------|----------------|---|
| GS01 | 479 | FUNCTIONAL ID | M | ID | 02/02 | "PO" FOR ANSI PURCHASE ORDER. |
| GS02 | 142 | GROUP/APPLICATION SENDER ID | M | ID | 02/15 | ACE AS SENDER: ACE EDI ID = "006928311". |
| GS03 | 124 | GROUP/APPLICATION RECEIVER ID | M | ID | 02/15 | YOUR EDI ID (USUALLY YOUR DUNS #). |
| GS04 | 29 | APPLICATION GROUP DATE | M | DT | 08/08 | CCYYMMDD. |
| GS05 | 30 | APPLICATION GROUP TIME | M | TM | 04/08 | HHMM OR HHMMSS OR HHMMSSDD. |
| GS06 | 28 | APPLICATION GROUP CONTROL NUMB | M | N0 | 01/09 | STANDARD FOLLOWED. |
| GS07 | 455 | RESPONSIBLE AGENCY CODE | M | ID | 01/02 | "X" FOR ANSI X12. |
| GS08 | 480 | VERSION/RELEASE INDUSTRY CODE | M | ID | 01/12 | "004010". |

ST SEGMENTTRANSACTION SET HEADER
(X12 MANDATORY ENVELOPE)

OCCURS 1 TIME

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|-----------------------------|----------|-----------|----------------|-------------------------------|
| ST01 | 143 | TRANSACTION SET ID | M | ID | 03/03 | "850" FOR X12 PURCHASE ORDER. |
| ST02 | 329 | TRANSACTION SET CONTROL NO. | M | AN | 04/09 | STANDARD FOLLOWED. |

BEG SEGMENTBEGINNING SEGMENT FOR
PURCHASE ORDER

OCCURS 1 TIME

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|-------------------------|----------|-----------|----------------|---|
| BEG01 | 353 | TRANSACTION SET PURPOSE | M | ID | 02/02 | "00" = ORIGINAL. |
| BEG02 | 92 | PURCHASE ORDER TYPE | M | ID | 02/02 | "CF" = CONFIRMATION. "NE" = NEW ORDER. |
| BEG03 | 324 | PURCHASE ORDER NUMBER | M | AN | 01/22 | ACE HARDWARE PO #. |
| BEG04 | 328 | RELEASE NUMBER | O | AN | 01/30 | ACE HARDWARE VENDOR NUMBER. |
| BEG05 | 373 | PURCHASE ORDER DATE | M | DT | 08/08 | YYYYMMDD. |

REF SEGMENT(CONTAINS NOTES AND SPECIAL
INSTRUCTIONS)

MULTIPLE OCCURRENCE

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|------------------------------------|----------|-----------|----------------|--|
| REF01 | 128 | REFERENCE IDENTIFICATION QUALIFIER | M | ID | 02/03 | "ZZ" = MUTUALLY DEFINED. |
| *REF03 | 352 | DESCRIPTION | X | AN | 01/80 | SAMPLE CONTENTS OF REF03(S): (1) CONTACT NAME: NAME TEXT. CASH TERMS: CASH TERMS TEXT. (2) FREIGHT TERMS: FREIGHT TERMS TEXT. DATING: DATING TEXT. (3) ROUTING: VENDOR ROUTING LINE 1 . (4) ROUTING: VENDOR ROUTING LINE 2. (5) COMMENT LINE 1. (6) COMMENT LINE 2. (7) COMMENT LINE 3. (8) COMMENT LINE 4. (9) COMMENT LINE 5. (10) COMMENT LINE 6. |

*NOTE: THE REF ELEMENTS MAY CONTAIN ASTERISKS AS PART OF THE TEXT.

ITD SEGMENTTERMS OF SALE/
DEFERRED TERMS OF SALE

MULTIPLE OCCURRENCE

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|-----------------------|----------|-----------|----------------|---|
| ITD01 | 336 | TERMS TYPE CODE | O | ID | 02/02 | "03" = FIXED DATE (TERMS). "06" = MIXED (INCLUDES LINE-LEVEL DATING). "07" = EXTENDED (DATING). |
| ITD02 | 333 | TERMS BASIS DATE CODE | O | ID | 01/02 | "3" = INVOICE DATE. |
| ITD03 | 338 | TERMS DISCOUNT % | O | R | 01/06 | DISCOUNT EXPRESSED AS AN EXPLICIT DECIMAL WHERE: .05=1/2%, 1.5=1 1/2%, 2=2%. |
| ITD05 | 351 | TERMS DISC. DAYS DUE | X | N0 | 01/03 | NUMBER OF DAYS IN DISCOUNT PERIOD, FROM BASIS DATE, WHEN DISCOUNT MAY BE TAKEN. |
| ITD06 | 446 | TERMS NET DUE DATE | O | DT | 08/08 | FINAL DUE DATE OF INVOICE. YYYYMMDD. |
| ITD07 | 386 | TERMS NET DAYS | O | N0 | 01/03 | NUMBER OF DAYS IN TERMS PERIOD FROM BASIS DATE, AT THE END OF WHICH INVOICE MUST BE PAID. |
| ITD12 | 352 | DESCRIPTION | O | AN | 01/80 | TEXT DESCRIPTION OF TERMS. |
| ITD13 | 765 | DAY OF MONTH | X | N0 | 01/02 | DAY OF MONTH ON WHICH INVOICE WILL BE PAID. |

DTM SEGMENT

DATE/TIME REFERENCE

MULTIPLE OCCURRENCE

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|---------------------|----------|-----------|----------------|---|
| DTM01 | 374 | DATE/TIME QUALIFIER | M | ID | 03/03 | "010" = REQUESTED SHIP. |
| DTM02 | 373 | DATE | X | DT | 08/08 | YYYYMMDD. (IF IMMEDIATE SHIPMENT THE SHIPDATE WILL BE THE SAME AS THE PO DATE). |

N1 SEGMENT

NAME

N1 LOOP (LOOP CAN REPEAT)

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|-------------------|----------|-----------|----------------|---|
| N101 | 98 | ENTITY ID CODE | M | ID | 02/03 | "BT" = BILL TO. "ST" = SHIP TO. |
| N102 | 93 | NAME | X | AN | 01/60 | IF N101 = BT: "ACE HARDWARE CORP ". IF N101 = ST: "DEPT CODE ACE HDW". |
| N103 | 66 | ID CODE QUALIFIER | X | ID | 01/02 | IF N101 = BT "1" WILL BE USED FOR DUNS #. IF N101 = ST "9" WILL BE USED FOR DUNS + 4 DIGIT RSC CODE. |
| N104 | 67 | ID CODE | X | ID | 02/80 | IF N101 = BT "006928311" WILL BE USED. IF N101 = ST, THE LOCATION ID OF THE RSC (RETAIL SUPPORT CTR) WILL BE USED. THIS LOCATION ID CAN BE REFERENCED ON PAGE 3-2 OF THIS GUIDE. LOCATION ID = ACE DUNS # + THE 4 DIGIT RSC CODE. |

N3 SEGMENT

ADDRESS INFORMATION

MULTIPLE OCCURRENCE

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|-------------------|----------|-----------|----------------|--|
| N301 | 166 | ADDRESS | M | AN | 01/55 | IF "BT" ACE CORPORATE ADDRESS. IF "ST" ACE WAREHOUSE ADDRESS. |

N4 SEGMENT

GEOGRAPHIC LOCATION

OCCURS 1 TIME PER N1 LOOP

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|-------------------|----------|-----------|----------------|---|
| N401 | 19 | CITY NAME | O | AN | 02/30 | IF "BT" THEN "OAK BROOK" WILL BE USED. IF "ST" CITY OF WAREHOUSE WILL BE USED. |
| N402 | 156 | STATE/PROV. CODE | O | ID | 02/02 | IF "BT" THEN "IL" WILL BE USED. IF "ST" STATE OF WHSE WILL BE USED. |
| N403 | 116 | POSTAL CODE | O | ID | 03/15 | IF "BT" THEN "605219989" WILL BE USED. IF "ST" THEN ZIP CODE OF WAREHOUSE. |

PO1 SEGMENTPURCHASE ORDER BASELINE
ITEM DATA

PO1 LOOP (LOOP CAN REPEAT)

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|------------------------------|----------|-----------|----------------|---|
| PO101 | 350 | ASSIGNED IDENTIFIER | O | AN | 01/20 | PURCHASE ORDER LINE #. |
| PO102 | 330 | QUANTITY ORDERED | X | R | 01/15 | STANDARD FOLLOWED. |
| PO103 | 355 | UNIT OF MEASURE CODE | O | ID | 02/02 | STANDARD FOLLOWED. |
| PO104 | 212 | UNIT PRICE | X | R | 01/17 | STANDARD FOLLOWED. |
| PO105 | 639 | BASIS UNIT PRICE CODE | O | ID | 02/02 | "PE" = PRICE PER EACH. "PR" = PROMOTIONAL PRICE. |
| PO106 | 235 | PRODUCT/SERVICE ID QUALIFIER | X | ID | 02/02 | "PI" = PURCHASERS ITEM CODE. |
| PO107 | 234 | PRODUCT/SERVICE ID | X | AN | 01/48 | ACE HARDWARE STOCK # OR BULLETIN #. |
| PO108 | 235 | PRODUCT/SERVICE ID QUALIFIER | X | ID | 02/02 | "VN" = VENDORS ITEM #. |
| PO109 | 234 | PRODUCT /SERVICE ID | X | AN | 01/48 | MANUFACTURERS PART #. |
| *PO110 | 235 | PRODUCT/SERVICE ID QUALIFIER | X | ID | 02/02 | "UK". |
| PO111 | 234 | PRODUCT/SERVICE ID | X | AN | 01/48 | UPC OR EAN #. |

*NOTE: THE "UP" PRODUCT/SERVICE ID QUALIFIER IS CHANGED TO "UK" TO FACILITATE GLOBAL COMMERCE.
THE 12-DIGIT UPC IS EXPANDING TO 14-DIGIT.

PID SEGMENT PRODUCT/ITEM DESCRIPTION MULTIPLE OCCURRENCE

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|-----------------------|----------|-----------|----------------|--|
| PID01 | 349 | ITEM DESCRIPTION TYPE | M | ID | 01/01 | "F". |
| PID05 | 352 | DESCRIPTION | X | AN | 01/80 | PRODUCT DESCRIPTION &/OR PO LINE ITEM COMMENT TEXT. |

ITD SEGMENT TERMS OF SALE/
DEFERRED TERMS OF SALE MULTIPLE OCCURRENCE

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|-----------------------|----------|-----------|----------------|---|
| ITD01 | 336 | TERMS TYPE CODE | O | ID | 02/02 | "07"-EXTENDED (dating). |
| ITD02 | 333 | TERMS BASIS DATE CODE | O | ID | 01/02 | "3"-INVOICE DATE. |
| ITD06 | 446 | TERMS NET DUE DATE | O | DT | 08/08 | FINAL DUE DATE OF INVOICE, YYYYMMDD. |

CTT SEGMENT TRANSACTION TOTALS X12 REQUIRED SEGMENT OCCURS 1 TIME

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|----------------------|----------|-----------|----------------|---|
| CTT01 | 354 | NUMBER OF LINE ITEMS | M | N0 | 01/06 | TOTAL NUMBER OF PO LINES. |
| CTT03 | 81 | WEIGHT | X | R | 01/10 | TOTAL WEIGHT OF PURCHASE ORDER. |
| CTT04 | 355 | UNIT OF MEASURE CODE | X | ID | 02/02 | "LB" - POUNDS. |
| CTT07 | 352 | DESCRIPTION | O | AN | 01/80 | TOTAL DOLLAR AMOUNT OF PURCHASE ORDER. |

SE SEGMENT TRANSACTION SET TRAILER OCCURS 1 TIME
(X12 MANDATORY ENVELOPE)

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|--------------------------------|----------|-----------|----------------|-----------------------------|
| SE01 | 96 | NUMBER OF INCLUDED SEGMENTS | M | N0 | 01/06 | STANDARD FOLLOWED. |
| SE02 | 329 | TRANSACTION SET CONTROL NUMBER | M | AN | 04/09 | STANDARD FOLLOWED. |

GE SEGMENT FUNCTIONAL GROUP TRAILER OCCURS 1 TIME
(X12 MANDATORY ENVELOPE)

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENT |
|--------------|----------------|---------------------------------|----------|-----------|----------------|----------------------------|
| GE01 | 97 | NUMBER OF INCLUDED TRANSACTIONS | M | N0 | 01/06 | STANDARD FOLLOWED. |
| GE02 | 28 | GROUP CONTROL NUMBER | M | N0 | 01/09 | STANDARD FOLLOWED. |

IEA SEGMENT INTERCHANGE CONTROL TRAILER OCCURS 1 TIME
(X12 MANDATORY ENVELOPE)

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|----------------------------|----------|-----------|----------------|-----------------------------|
| IEA01 | I16 | NUMBER OF INCLUDED GROUPS | M | N0 | 01/05 | STANDARD FOLLOWED. |
| IEA02 | I12 | INTERCHANGE CONTROL NUMBER | M | N0 | 09/09 | STANDARD FOLLOWED. |