

**ACE HARDWARE
852 PRODUCT ACTIVITY DATA
ANSI X12 4010**

*NOTES: FREQUENCY OF THE 852 CAN BE DAILY, WEEKLY OR MONTHLY. THIS IS REFLECTED IN THE ZA01 "QX" (QUANTITY DEMANDED) WHICH IS ALSO DAILY, WEEKLY OR MONTHLY DEPENDING ON YOUR AGREEMENT WITH THE ACE BUYING DEPT.

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 (;).

Revised:
03/07

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	"PD" FOR PRODUCT ACTIVITY.
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	04/0	HHMM OR HHMMSS OR HHMMSSDD.
GS06	28	APPLICATION GROUP CONTROL NUMB	M	N0	01/09	FOLLOW STANDARD.
GS07	455	RESPONSIBLE AGENCY CODE	M	ID	01/02	USE "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	"852" FOR X12 PRODUCT ACTIVITY.
ST02	329	TRANSACTION SET CONTROL NO.	M	AN	04/09	STANDARD FOLLOWED.

XQ SEGMENT

REPORTING DATE/ACTION

OCCURS 1 TIME

DATA ELEMENT	ELEMENT NUMBER	DATA ELEMENT NAME	ANSI REQ	DATA TYPE	ELEMENT LENGTH	ACE SUPPLIED FIELD CONTENTS
XQ01	305	TRANSACTION HANDLING CODE	M	ID	01/02	"G" = ORDER/SHIP AUTHORIZATION. "H" = NOTIFICATION ONLY.
XQ02	373	DATE	M	DT	08/08	STOCK STATUS AS OF DATE OF TRANSACTION CREATION.

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 IDENTIFIER	M	ID	02/03	"RL" = REPORTING LOCATION.
N102	93	NAME	X	AN	01/60	"ACE HARDWARE CORPORATION".
N103	66	ID QUALIFIER CODE	X	ID	01/02	"9" FOR THE ACE RSC LOCATION ID.
N104	67	ID CODE	X	AN	02/80	ACE RETAIL SUPPORT CENTER (RSC) LOCATION ID. THE ID IS THE ACE DUNS NO. + THE 4 DIGIT RSC CODE. LOCATION ID'S CAN BE FOUND ON PAGE 3-2 OF THIS GUIDE.

LIN SEGMENT

ITEM IDENTIFICATION

LIN LOOP (LOOP CAN REPEAT)

DATA ELEMENT	ELEMENT NUMBER	DATA ELEMENT NAME	ANSI REQ	DATA TYPE	ELEMENT LENGTH	ACE SUPPLIED FIELD CONTENTS
LIN02	235	PROD/SERV QUALIFIER	M	ID	02/02	"IN" = BUYERS ITEM NUMBER.
LIN03	234	PROD/SERV ID	M	AN	01/48	ACE SKU NUMBER.
*LIN04	235	PROD/SERV QUALIFIER	X	ID	02/02	"UK".
LIN05	234	PROD/SERV ID	X	AN	01/48	UPC / EAN NUMBER.
LIN06	235	PROD/SERV QUALIFIER	X	ID	02/02	"VN" = VENDORS ITEM NUMBER.
LIN07	234	PROD/SERV ID	X	AN	01/48	VENDOR OR MANUFACTURER'S NUMBER.

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

CTP SEGMENT

PRICING INFORMATION

ACE WILL SEND 1 PER LIN LOOP

DATA ELEMENT	ELEMENT NUMBER	DATA ELEMENT NAME	ANSI REQ	DATA TYPE	ELEMENT LENGTH	ACE SUPPLIED FIELD CONTENTS
CTP03	212	UNIT PRICE	X	R	01/17	EACH COST.
CTP04	380	QUANTITY	X	R	01/15	"0"
CTP05	355	UNIT OF MEASURE	X	ID	02/02	"EA" = EACHES.

ZA SEGMENT

PRODUCT ACTIVITY REPORTING

ACE WILL SEND MULTIPLE TIMES PER LIN

DATA ELEMENT	ELEMENT NUMBER	DATA ELEMENT NAME	ANSI REQ	DATA TYPE	ELEMENT LENGTH	ACE SUPPLIED FIELD CONTENTS
ZA01	859	ACTIVITY CODE	M	ID	02/02	"QA" = QUANTITY ON HAND. "QP" = QUANTITY ON ORDER. "QX" = QUANTITY DEMANDED.
ZA02	380	QUANTITY	X	R	01/15	QUANTITY.
ZA03	355	UNIT OF MEASURE CODE	X	ID	02/02	STANDARD FOLLOWED.

*NOTE: "QX" QUANTITY DEMANDED = (QUANTITY SOLD + QUANTITY SHORT).

CTT SEGMENT

TRANSACTION TOTALS

OCCURS 1 TIME

DATA ELEMENT	ELEMENT NUMBER	DATA ELEMENT NAME	ANSI REQ	DATA TYPE	ELEMENT LENGTH	ACE REQUESTED FIELD CONTENTS
CTT01	354	NUMBER OF LINE ITEMS	M	N0	01/06	TOTAL # OF LINES REPORTED.

SE SEGMENTTRANSACTION SET TRAILER
(X12 MANDATORY ENVELOPE) OCCURS 1 TIME

DATA ELEMENT	ELEMENT NUMBER	DATA ELEMENT NAME	ANSI REQ	DATA TYPE	ELEMENT LENGTH	ACE SUPPLIED FIELD CONTENTS
SE01	96	NO. OF INCLUDED TRANSACTION SETS	M	N0	01/06	STANDARD FOLLOWED.
SE02	329	TRANSACTION SET CONTROL NO.	M	AN	04/09	STANDARD FOLLOWED.

GE SEGMENTFUNCTIONAL GROUP TRAILER
(X12 MANDATORY ENVELOPE) OCCURS 1 TIME

DATA ELEMENT	ELEMENT NUMBER	DATA ELEMENT NAME	ANSI REQ	DATA TYPE	ELEMENT LENGTH	ACE SUPPLIED FIELD CONTENTS
GE01	97	NO. OF INCLUDED TRANSACTION SETS	M	N0	01/06	STANDARD FOLLOWED.
GE02	28	GROUP CONTROL NUMBER	M	N0	01/09	STANDARD FOLLOWED.

IEA SEGMENTINTERCHANGE CONTROL TRAILER
(X12 MANDATORY ENVELOPE) OCCURS 1 TIME

DATA ELEMENT	ELEMENT NUMBER	DATA ELEMENT NAME	ANSI REQ	DATA TYPE	ELEMENT LENGTH	ACE SUPPLIED FIELD CONTENTS
IEA01	116	NUMBER OF INCLUDED GROUPS	M	N0	01/05	STANDARD FOLLOWED.
IEA02	112	INTERCHANGE CONTROL NUMBER	M	N0	09/09	STANDARD FOLLOWED.

