

# KEIPER

## IMPLEMENTATION GUIDELINES FOR ASC X12 EDI CONVENTIONS MATERIAL RELEASE TRANSACTION SET (830)

KEIPER  
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ANSI ASC X12  
Version/Release 002040



## DATA SEGMENT SEQUENCE FOR THE HEADING AREA

<u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max</u> <u>Use</u>	<u>Loop</u> <u>Repeat</u>	<u>KEIPER</u> <u>Use</u>	<u>Notes</u>
ST	Transaction Set Header	M	1		Yes	
BFR	Beginning Segment	M	1		Yes	
NTE	Note/Special instruction	C	100		No	
N1	Name	M	1	N1/200	Yes	



**Segment:** ST – Transaction Set Header  
**Level:** Heading  
**Max Usage/Loops:** 1/None  
**Purpose:** To indicate beginning of transaction and to set control number  
**General Information:**  
**Examples:** ST\*830\*000310001

<u>Element ID</u>	<u>Element Name</u>	<u>Features</u>	<u>KEIPER Use</u>	<u>Comments</u>
ST01	Transaction Set ID	M ID 03/03	Yes	"830" for Planning Schedule
ST02	Transaction Set Control Number	M AN 04/09	Yes	Unique control number (must be equal SE02)



**Segment:** BFR – Beginning Segment  
**Level:** Heading  
**Max Usage/Loops:** 1/None  
**Purpose:** To indicate beginning of a planning schedule transaction set and Related forecast dates

## General

### Information:

**Examples:** BFR\*05\*\*\*DL\*A\*040505\*041231\*040505\*\*\*

<u>Element ID</u>	<u>Element Name</u>	<u>Features</u>	<u>KEIPER Use</u>	<u>Comments</u>
BFR01	Transaction Set Purpose Code	M ID 02/02	Yes	"05" = Replace
BFR02	Forecast Order Number	C AN 01/30	No	
BFR03	Release Number	C AN 01/30	No	See LIN segment in detail area (LIN07)
BFR04	Forecast Type Qualifier	M ID 02/02	Yes	"DL" = delivery based
BFR05	Forecast quantity qualifier	M ID 01/01	Yes	"A" = actual discrete quantities
BFR06	Forecast horizon start	M DT 06/06	Yes	The date (YYMMDD) when the forecast horizon starts
BFR07	Forecast horizon end	M DT 06/06	Yes	The date (YYMMDD) when the forecast horizon ends
BFR08	Forecast generation date	M DT 06/06	Yes	The date (YYMMDD) when the forecast was generated
BFR09	Forecast update state	C DT 06/06	No	
BFR10	Contract number	O AN 01/30	No	
BFR11	Purchase order number	O AN 01/22	No	See LIN segment in detail area (LIN05)



**Segment:** NTE – Note  
**Level:** Heading  
**Max Usage/Loops:** 6/None  
**Purpose:** To provide information in a free format to be printed at the bottom of the printed release  
**General Information:**  
**Examples:** “not used by KEIPER”

<u>Element ID</u>	<u>Element Name</u>	<u>Features</u>	<u>KEIPER Use</u>	<u>Comments</u>
NTE01	Note reference code	M ID 03/03	No	“GEN” = applies to the entire transaction set
NTE02	Free form message	M AN 01/51	No	



**Segment:** N1 – Name  
**Level:** Heading  
**Max Usage/Loops:** 1/N1/200  
**Purpose:** To identify a party by type of organization, name and code  
**General Information:**  
**Examples:** N1\*BT\*KEIPER Limited\*92  
 N1\*SU\*Keiper Seat Components\*92\*2000046

<u>Element ID</u>	<u>Element Name</u>	<u>Features</u>	<u>KEIPER Use</u>	<u>Comments</u>
N101	Organization identifier	M ID 02/02	Yes	"BT" = Bill to "SU" = Supplier
N102	Name	C AN 01/35	Yes	
N103	ID Code qualifier	M ID 02/02	Yes	"92" = Assigned by buyer
N104	ID Code	C ID 02/17	Yes	Contains KEIPER assigned supplier code when N101 = "SU"



## DATA SEGMENT SEQUENCE FOR THE DETAIL AREA

<u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max</u> <u>Use</u>	<u>Loop</u> <u>Repeat</u>	<u>KEIPER</u> <u>Use</u>	<u>Notes</u>
LIN	Item Identification Detail	M	1	LIN/10000	Yes	
NTE	Note/Special instruction	C	10		Yes	
UIT	Unit Detail	M	1		Yes	
N1	Name	O	1	N1/200	Yes	
REF	Reference Numbers	O	12		Yes	
SDP	Ship/Delivery Pattern	O	1	SDP/260	Yes	
FST	Forecast Schedule	O	200		Yes	
SHP	Shipped/Received information	O	1	SHP/25	Yes	



**Segment:** LIN – Item Identification Detail  
**Level:** Detail  
**Max Usage/Loops:** 1/LIN/10000  
**Purpose:** To specify basic item identification data  
**General Information:**  
**Examples:** LIN\*\*BP\*82100470-4\*PO\*200304300010\*\*\*PR\*16

<u>Element ID</u>	<u>Element Name</u>	<u>Features</u>	<u>KEIPER Use</u>	<u>Comments</u>
LIN01	Assigned identification	O AN 01/06	No	
LIN02	Product ID Qualifier	M ID 02/02	Yes	"BP" = Buyers part number
LIN03	Product ID	M AN 01/30	Yes	KEIPER's part number
LIN04	Product ID Qualifier	M ID 02/02	Yes	"PO" = Purchase order number
LIN05	Product ID	M AN 01/30	Yes	KEIPER's purchase order number
LIN06	Product ID Qualifier	C ID 02/02	Yes/No	"VP" = Vendor's part number (only used when known)
LIN07	Product ID	C AN 01/30	Yes/No	Vendor's part number (only used when known)
LIN08	Product ID Qualifier	C ID 02/02	Yes	"PR" = Release number assigned to purchase order
LIN09	Product ID	C AN 01/30	Yes	KEIPER's release number





**Segment:** NTE – Note  
**Level:** Detail  
**Max** 10/LIN  
**Usage/Loops:**  
**Purpose:** To provide information in a free format to be printed at the bottom of the printed release of item

**General Information:**  
**Examples:** NTE\*LIN\*RECLINERCOMP. T2000

<u>Element ID</u>	<u>Element Name</u>	<u>Features</u>	<u>KEIPER Use</u>	<u>Comments</u>
NTE01	Note reference code	M ID 03/03	Yes	"LIN" = applies to this part loop
NTE02	Free form message	M AN 01/60	Yes	



**Segment:** UIT – Unit Detail  
**Level:** Detail  
**Max Usage/Loops:** 1/LIN  
**Purpose:** To specify item unit data  
**General Information:**  
**Examples:** UIT\*EA

<u>Element ID</u>	<u>Element Name</u>	<u>Features</u>	<u>KEIPER Use</u>	<u>Comments</u>
UIT01	Unit of Measure Code	M ID 02/02	Yes	“EA” = Each
UIT02	Unit Price	C R 01/14	No	
UIT03	Basis of Unit Price Code	O ID 02/02	No	



**Segment:** N1 – Name  
**Level:** Detail  
**Max Usage/Loops:** 1/N1/200/LIN  
**Purpose:** To identify a party by type of organization, name and code  
**General Information:**  
**Examples:** N1\*SF\*KEIPER Seat Components\*92\*2000046  
 N1\*ST\*London (C001)\*92\*0011

<u>Element ID</u>	<u>Element Name</u>	<u>Features</u>	<u>KEIPER Use</u>	<u>Comments</u>
N101	Organization identifier	M ID 02/02	Yes	“SF” = Ship From Location “ST” = Ship to Location
N102	Name	C R 01/14	Yes	Name of location
N103	ID Code Qualifier	C ID 01/02	Yes	“92” = assigned by buyer
N104	ID Code	C ID 02/17	Yes	ID Code of Location



**Segment:** REF – Reference numbers  
**Level:** Detail  
**Max Usage/Loops:** 12/N1  
**Purpose:** To transmit identifying numbers associated with the named party  
**General Information:**  
**Examples:** REF\*RL\*01

<u>Element ID</u>	<u>Element Name</u>	<u>Features</u>	<u>KEIPER Use</u>	<u>Comments</u>
REF01	Reference number qualifier	M ID 02/02	Yes	"RL" = drop point "BL" = bill of loading
REF02	Reference number	C AN 01/30	Yes	Value as qualified by REF01
REF03	Description	C AN 01/80	No	



**Segment:** SDP – Ship/Delivery pattern  
**Level:** Detail  
**Max Usage/Loops:** 1/SDP/260/LIN  
**Purpose:** To identify specific ship/delivery requirements  
**General Information:**  
**Examples:** SDP\*Y\*Y

<u>Element ID</u>	<u>Element Name</u>	<u>Features</u>	<u>KEIPER Use</u>	<u>Comments</u>
SDP01	Ship/delivery pattern code	M ID 01/02	Yes	"Y" = no specific Ship/delivery pattern information available
SDP02	Ship/delivery pattern time code	M ID 01/01	Yes	"Y" = no specific Ship/delivery pattern time information available



**Segment:** FST – Forecast schedule  
**Level:** Detail  
**Max Usage/Loops:** 260/SDP  
**Purpose:** To specify the forecast dates and quantities

**General**

**Information:**

**Examples:** FST\*0\*Z\*Z\*  
 FST\*200\*A\*F\*040601\*040602  
 FST\*100\*C\*D\*040607  
 FST\*700\*C\*W\*040614  
 FST\*700\*D\*W\*040621  
 FST\*20000\*D\*M\*040701\*040731

<u>Element ID</u>	<u>Element Name</u>	<u>Features</u>	<u>KEIPER Use</u>	<u>Comments</u>
FST01	Quantity	M R 01/10	Yes	The actual discrete quantity
FST02	Forecast qualifier	M ID 01/01	Yes	“A” = Immediat “C” = Firm “D” = Planning “Z” = Mutually defined (used only when FST01=0)
FST03	Forecast timing qualifier	M ID 01/01	Yes	“F” = Flexible (used only when FST02=A) “D” = Discrete “W” = Weekly “M” = Monthly “Z” = Mutually defined (used only when FST01=0)
FST04	Date	M DT 06/06	Yes	(First) date of order or planning period that the material is to be delivered
FST05	Date	O DT 06/06	Yes	Empty when FST01=0 Last date of period when FST03=M
FST06	Date/time qualifier	O ID 03/03	No	
FST07	Time	C TM 04/04	No	
FST08	Reference qualifier	O ID 02/02	No	
FST09	Reference number	C AN 01/30	No	



**Segment:** SHP – Shipped/Received information  
**Level:** Detail  
**Max Usage/Loops:** 1/SHP/25/LIN  
**Purpose:** To specify shipment and/or receipt information  
**General Information:**  
**Examples:** SHP\*01\*35\*011\*040201  
 SHP\*02\*77\*051\*040101\*\*040201

<u>Element ID</u>	<u>Element Name</u>	<u>Features</u>	<u>KEIPER Use</u>	<u>Comments</u>
SHP01	Quantity qualifier	O ID 02/02	Yes	"01" = Discrete quantity "02" = Cum quantity
SHP02	Quantity	C R 01/10	Yes	
SHP03	Date/Time qualifier	O ID 03/03	Yes	If SHP01=01: "011" = received on this date If SHP01=02: "051" = Cum Quantity start date
SHP04	Date	C DT 06/06	Yes	If SHP01=01: last known reception date belonging to bill of load mentioned in REF*BL (REF02) If SHP01=02: Date when cumulation of received shipment quantity started
SHP05	Time	O TM 04/04	No	
SHP06	Date	C DT 06/06	Yes	If SHP01=01: not used If SHP01=02: last reception date of cum quantity
SHP07	Time	O TM 04/04	No	



## DATA SEGMENT SEQUENCE FOR THE SUMMARY AREA

<u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max</u> <u>Use</u>	<u>Loop</u> <u>Repeat</u>	<u>KEIPER</u> <u>Use</u>	<u>Notes</u>
CTT	Transaction Totals	M	1		Yes	
SE	Transaction Set Trailer	M	1		Yes	





**Segment:** CTT – Transaction Totals  
**Level:** Summary  
**Max Usage/Loops:** 1/None  
**Purpose:** To indicate number of loops in detail area  
**General Information:**  
**Examples:** CTT\*2

<u>Element ID</u>	<u>Element Name</u>	<u>Features</u>	<u>KEIPER Use</u>	<u>Comments</u>
CTT01	Number of detail loops	C N 01/10	Yes	Number of LIN-segments between ST and SE



**Segment:** ST – Transaction Set Header  
**Level:** Heading  
**Max Usage/Loops:** 1/None  
**Purpose:** To indicate end of transaction and to set control number  
**General Information:**  
**Examples:** SE\*72\*000380001

<u>Element ID</u>	<u>Element Name</u>	<u>Features</u>	<u>KEIPER Use</u>	<u>Comments</u>
SE01	Segment count	M N 01/10	Yes	Number of segments between ST and SE
SE02	Transaction Set Control Number	M AN 04/09	Yes	Unique control number (must be equal ST02)



## Example

ST\*830\*000380001  
 BFR\*05\*\*\*DL\*A\*040602\*050430\*040602\*\*\*  
 N1\*BT\*KEIPER Limited\*92\*  
 N1\*SU\*KeiperSeat Components\*92\*2000046  
 LIN\*\*BP\*82031783-4\*PO\*300010500010\*\*\*PR\*74  
 NTE\*LIN\*RECLINER COMP. T2000  
 NTE\*LIN\*from 07.08.2003 RevStat 19 w. drawing st  
 NTE\*LIN\*at 19  
 UIT\*EA  
 N1\*SF\*Keiper Seat Components\*92\*2000046  
 N1\*ST\*London (C001)\*92\*0011  
 REF\*RL\*01  
 REF\*BL\*12127  
 SDP\*Y\*Y  
 FST\*28\*A\*F\*040531\*040601  
 FST\*103\*C\*D\*040607  
 FST\*111\*C\*D\*040614  
 FST\*95\*C\*D\*040621  
 FST\*36\*C\*D\*040628  
 FST\*55\*C\*D\*040705  
 FST\*79\*C\*D\*040712  
 FST\*79\*D\*W\*040719  
 FST\*154\*D\*W\*040726  
 FST\*135\*D\*W\*040802  
 FST\*154\*D\*W\*040809  
 FST\*150\*D\*W\*040816  
 FST\*154\*D\*W\*040823  
 FST\*186\*D\*W\*040830  
 FST\*733\*D\*M\*040901\*040930  
 FST\*828\*D\*M\*041001\*041031  
 FST\*796\*D\*M\*041101\*041130  
 FST\*329\*D\*M\*041201\*041231  
 FST\*764\*D\*M\*050101\*050131  
 FST\*776\*D\*M\*050201\*050228  
 FST\*804\*D\*M\*050301\*050331  
 FST\*1544\*D\*M\*050401\*050430  
 SHP\*01\*3960\*011\*040529  
 SHP\*02\*165924\*051\*040101\*\*040529

LIN\*\*BP\*82031783-5\*PO\*300010500020\*\*\*PR\*72  
 NTE\*LIN\*RECLINER COMP. T2000  
 NTE\*LIN\*from 07.08.2003RevStat 19 w. drawing st  
 NTE\*LIN\*at 19  
 UIT\*EA  
 N1\*SF\*Keiper Seat Components\*92\*2000046  
 N1\*ST\*London (C001)\*92\*0011  
 REF\*RL\*01  
 REF\*BL\*12127  
 SDP\*Y\*Y  
 FST\*24\*A\*F\*040531\*040601  
 FST\*107\*C\*D\*040607  
 FST\*111\*C\*D\*040614  
 FST\*95\*C\*D\*040621  
 FST\*36\*C\*D\*040628  
 FST\*55\*C\*D\*040705  
 FST\*79\*C\*D\*040712  
 FST\*79\*D\*W\*040719  
 FST\*154\*D\*W\*040726  
 FST\*135\*D\*W\*040802  
 FST\*150\*D\*W\*040809  
 FST\*154\*D\*W\*040816  
 FST\*154\*D\*W\*040823  
 FST\*186\*D\*W\*040830  
 FST\*729\*D\*M\*040901\*040930  
 FST\*832\*D\*M\*041001\*041031  
 FST\*792\*D\*M\*041101\*041130  
 FST\*333\*D\*M\*041201\*041231  
 FST\*764\*D\*M\*050101\*050131  
 FST\*776\*D\*M\*050201\*050228  
 FST\*804\*D\*M\*050301\*050331  
 FST\*1544\*D\*M\*050401\*050430  
 SHP\*01\*3960\*011\*040529  
 SHP\*02\*166716\*051\*040101\*\*040529  
 CTT\*2  
 SE\*72\*000380001

