

FORD MOTOR COMPANY  
IMPLEMENTATION GUIDELINES FOR EDI CONVENTIONS

Receiving Advice Transaction Set (861)

TABLE 1  
DATA SEGMENT SEQUENCE FOR THE HEADING AREA

SEG ID.	TITLE	PAGE	USAGE		MAX USE	LOOP/ REPEAT
			ANSI	FORD		
ST	Transaction Set Header	861.004	M	M	1	
BRA	Begin Segment (Receiving Advice)	861.005	M	M	1	
NTE	Note/Special Instruction		F	N	100	
CUR	Currency		O	N	1	
REF	Reference Numbers	861.006	O	M	12	
PER	Admin. Communications Contact		O	N	3	
DTM	Date/Time Reference	861.007	O	M	10	
PRF	Purchase Order Reference		O	N	25	
TD1	Carrier Details (Quantity & Weight)		O	N	2	
TD5	Carrier Details (Routing Sequence/Transit Time)		O	N	12	
TD3	Carrier Details (Equipment)		O	N	12	
TD4	Carrier Details (Special Handling)		O	N	5	
N1	Name	861.008	O	M	1	N1/200
N2	Additional Name Information		O	N	2	
N3	Address Information		O	N	2	
N4	Geographic Location		O	N	1	
REF	Reference Numbers		O	N	12	
PER	Admin. Communications Contact		O	N	3	
FOB	F.O.B. Related Instructions		O	N	1	

Note: Abbreviations in the columns headed "Usage - ANSI Ford" have the following definitions:

- "M" - Mandatory. These segments will appear in all Receiving Advices.
- "N" - Not Used. Ford does not use this segment. However, Ford reserves the right to implement usage of these segments in the future.
- "O" - Optional. These segments may appear in Receiving Advices.

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TABLE 2  
DATA SEGMENT SEQUENCE FOR THE DETAIL AREA

SEG ID. TITLE	PAGE	USAGE		MAX USE	LOOP/ REPEAT
		ANSI	FORD		
RCD Receiving Conditions	861.009	0	O	1	┌──────────┐ └──────────┘
SN1 Item Detail (Shipment)	861.010	0	O	1	
CUR Currency		0	N	1	
LIN Item Identification Detail	861.011	0	O	100	
J2X Item Description		0	N	1000	
SLN Subline Item Detail		0	N	1	
					SLN/100
J2X Item Description		0	N	1000	┌──────────┐ └──────────┘
PO4 Item Physical Detail		0	N	100	
REF Reference Numbers		0	N	12	
PER Admin. Communication Contact		0	N	3	
DTM Date/Time Reference		0	N	10	
PRF Purchase Order Reference		0	N	25	
FOB F.O.B. Related Instructions		0	N	1	
N1 Name		0	N	1	
N2 Additional Name Information		0	N	2	
N3 Address Information		0	N	2	
N4 Geographic Location		0	N	1	
REF Reference Numbers		0	N	12	
PER Admin. Communications Contact		0	N	3	
FOB F.O.B. Related Instructions		0	N	1	
TD1 Carrier Details (Quantity & Weight)		0	N	20	
TD5 Carrier Details (Routing Sequence/Transit Time)		0	N	12	
TD3 Carrier Details (Equipment)		0	N	12	
TD4 Carrier Details (Special Handling/Hazardous Materials)		0	N	5	
ITA Allowance, Charge or Service		0	N	10	
MAN Marks and Numbers		0	N	10	

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TABLE 3  
DATA SEGMENT SEQUENCE FOR THE SUMMARY AREA

SEG			USAGE		MAX	LOOP/
ID.	TITLE	PAGE	ANSI	FORD	USE	REPEAT
CTT	Transaction Totals	861.012	O	M	1	
SE	Trailer	861.013	M	M	1	

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TRANSACTION SET: 861 - Receiving Advice

SEGMENT: ST - Transaction Set Header

LEVEL: Heading

MAX USAGE/LOOPS: 1/None

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

GENERAL INFORMATION: The transaction set control number entry in this header will match the transaction set control number entry in the Transaction Set Trailer's Transaction Set Control Number (SE02).

EXAMPLES: ST\*861\*891230001 N/L

<u>ELEM_ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ANSI FORD FEATURES</u>	<u>COMMENTS</u>
ST01	143	Transaction Set ID	<u>M ID 03/03</u>	Use "861"
ST02	329	Transaction Set Control Number	<u>M AN 04/09</u>	A unique Number assigned to each transaction set within a functional group. This number must match the value in SE02.

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TRANSACTION SET: 861 - Receiving Advice  
 SEGMENT: BRA - Beginning Segment (Receiving Advice)  
 LEVEL: Heading  
 MAX USAGE/LOOPS: 1/None  
 PURPOSE: To indicate the beginning of a receiving advice transaction set and to transmit identifying numbers and dates.  
 GENERAL INFORMATION: Ford only uses the transaction set purpose of original.  
 EXAMPLES: BRA\*890590001\*890228\*00 N/L

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ANSI FORD FEATURES</u>	<u>COMMENTS</u>
BRA01	127	Reference Number	<u>M AN 01/30</u>	A number assigned by Ford to uniquely identify the transaction set.
BRA02	373	Date	<u>M DT 06/06</u>	Date the transaction is created. (YYMMDD)
BRA03	353	Transaction Set Purpose	<u>M ID 02/02</u>	"00"=Original transmission (Normal)

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TRANSACTION SET: 861 - Receiving Advice  
 SEGMENT: REF - Reference Numbers  
 LEVEL: Heading  
 MAX USAGE/LOOPS: 12/None  
 PURPOSE: To transmit identifying numbers associated with the named party.

GENERAL INFORMATION: Used to transmit shipment identification ASN and/or packing slip number.

EXAMPLES: REF\*SI\*12345 N/L

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ANSI FORD FEATURES</u>	<u>COMMENTS</u>
REF01	128	Reference Number Qualifier	<u>M ID 02/02</u>	Will contain "SI" or "PK".
REF02	127	Reference Number	<u>C AN 01/30</u>	Ford will send the supplier generated ASN number and/or packing slip number for the referenced shipment (BSN02). Ford will only provide up to the first 11 characters.
REF03	352	Description	<u>C AN 01/80</u>	Not used

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TRANSACTION SET: 861 - Receiving Advice  
 SEGMENT: DTM - Date/Time Reference  
 LEVEL: Heading  
 MAX USAGE/LOOPS: 10/None  
 PURPOSE: To specify pertinent dates and times.

GENERAL INFORMATION: Normally used to specify the receiving date. This segment will be used to specify the shipped date if return is indicated.

EXAMPLES: DTM\*050\*890215 N/L  
 DTM\*011\*890220 N/L

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ANSI FORD FEATURES</u>	<u>COMMENTS</u>
DTM01	374	Date/Time Qualifier	<u>M ID 03/03</u>	Will contain - "050" - Material received on this date or "011" - material shipped on this date. Shipped date is used when a return is indicated.
DTM02	373	Date	<u>C DT 06/06</u>	Date shipment(s) received or shipped. (YMMDD).
DTM03	337	Time	<u>C TM 04/04</u>	Not used
DTM04	623	Time Zone Qualifier	<u>O ID 02/02</u>	Not used

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TRANSACTION SET: 861 - Receiving Advice  
 SEGMENT: N1 - Name  
 LEVEL: Heading  
 MAX USAGE/LOOPS: 1/200  
 PURPOSE: To identify a party by type of organization, name and code.

GENERAL INFORMATION: Two occurrences of the N1 are required. One for the "ship from" location (N101 = "SF") and one for the "ship to" (N101 = "ST"). If a return is indicated, the "SF" will be Ford and the "ST" will be the supplier.

EXAMPLE: N1\*ST\*\*92\*AP01A N/L  
 N1\*Sf\*\*92\*A001A N/L

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ANSI FORD FEATURES</u>	<u>COMMENTS</u>
N101	98	Organization ID	<u>M ID 02/02</u>	Will contain: "SF" (ship from) or "ST" (ship to)
N102	93	Name	<u>C AN 01/35</u>	Not used
N103	66	ID Code Qualifier	<u>C ID 01/02</u>	Will contain "92"
N104	67	ID Code	<u>C AN 02/17</u>	Will contain Ford assigned code.



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TRANSACTION SET: 861 - Receiving Advice  
 SEGMENT: RCD - Receiving Conditions  
 LEVEL: Detail  
 MAX USAGE/LOOPS: 1/200,000  
 PURPOSE: To report receiving conditions and contested quantities.  
 GENERAL INFORMATION: In each RCD loop Ford will send detail level information for all receipts, discrepancies and Assembly Division returns.

RCD02 will contain the quantity received. RCD04 will contain the quantity returned. (Return quantity is used by Assembly Division only.)

RCD08 will contain one of the following codes:

- "08" - Return, reject, do not adjust cum.
- "12" - Return, overshipment, adjust cum. (The cum adjustment quantity will be specified in the RCD09-RCD11 discrepancy area with a RCD11 code of "11" and the adjust cum quantity in RCD09.)
- "13" - Quantity discrepancy, do not adjust cum.

EXAMPLES: RCD\*\*900\*PC\*\*\*100\*PC\*08 N/L

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ANSI FORD FEATURES</u>	<u>COMMENTS</u>
RCD01	677	Receiving Advice Line Number	<u>O AN 01/06</u>	Not used
RCD02	663	Quantity Units Received	<u>C R 01/09</u>	Will contain actual received quantity.
RCD03	355	Unit of Measurement	<u>C ID 02/02</u>	Will contain same unit of measure as Ford Material Release (830).
RCD04	664	Quantity Units Returned	<u>C R 01/09</u>	Used by Assembly Division to indicate return quantity.
RCD05	355	Unit of Measurement	<u>C ID 02/02</u>	Will contain same unit of measure as Ford Material

Release (830).

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TRANSACTION SET: 861 - Receiving Advice

SEGMENT: RCD - Receiving Conditions (continued)

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ANSI FORD FEATURES</u>	<u>COMMENTS</u>
RCD06	667	Quantity in Question	<u>C R 01/09</u>	Will contain difference between SN102 and RCD02.
RCD07	355	Unit of Measurement	<u>C ID 02/02</u>	Will contain same unit of measure as Ford Material Release (830).
RCD08	412	Receiving Condition Code	<u>C ID 02/02</u>	Ford will send one of the following condition codes:  "08"=Return reject "12"=Return overshipment * "13"=Quantity Discrepancy *
RCD09	667	Quantity in Question	<u>C R 01/09</u>	When used will contain cum adjustment quantity.
RCD10	355	Unit of Measurement	<u>C ID 02/02</u>	Will contain same unit of measure as Ford Material Release (830).
RCD11	412	Receiving Condition Code	<u>C ID 02/02</u>	Ford will use the RCD09-RCD11 discrepancy set to show cum adjustment quantity only. When used, this element will contain "11" indicating cum adjust quantity.

**Note:** RCD12 Through RCD20 are not used.

**\*Note:** Maintenance request to add "12" and "13" to the valid id list for element 412 submitted, pending ANSI X/12 approval.

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TRANSACTION SET: 861 - Receiving Advice  
 SEGMENT: SN1 - Item Detail  
 LEVEL: Detail  
 MAX USAGE/LOOPS: 1/None  
 PURPOSE: To specify line item detail relative to shipment.  
 GENERAL INFORMATION: Used to show ASN quantity for the part referenced in the LIN segment.  
 EXAMPLE: SN1\*\*1000\*PC N/L

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ANSI FORD FEATURES</u>	<u>COMMENTS</u>
SN101	665	Ship Notice Line Number	<u>O AN 01/06</u>	Not used.
SN102	382	Number of Units Shipped	<u>M R 01/09</u>	For assembly division, received quantity, otherwise ASN quantity.
SN103	355	Unit of Measurement	<u>C ID 02/02</u>	Will contain same unit of measure as Ford Material Release (830).
SN104	646	Quantity Shipped to Date	<u>O R 01/09</u>	Not used
SN105	330	Quantity Ordered	<u>O R 01/09</u>	Not used
SN106	355	Unit of Measurement Code	<u>C ID 02/02</u>	Not used
SN107	728	Returnable Container Load Markup	<u>O ID 01/02</u>	Not used

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TRANSACTION SET: 861 - Receiving Advice  
 SEGMENT: LIN - Item Identification Detail  
 LEVEL: Detail  
 MAX USAGE/LOOPS: 100/None  
 PURPOSE: To specify basic item identification data.

GENERAL INFORMATION: Use for Ford part number. Ford part number may consist of a prefix, base, suffix and control code. Any of these, except the base, may or may not be present. The portions of the part number are delimited by spaces.

EXAMPLES: LIN\*\*BP\*E6SP 7E396 AA 040 N/L (Part number with control code)  
 LIN\*\*BP\*E6SP 7E396 AA 040\*PO\*FE 4397 N/L (Part number with control code and purchase order number)  
 LIN\*\*BP\* 7E396 AA 040 N/L (Part number without prefix)  
 LIN\*\*BP\*E6SP 7E396 N/L (Part number with neither suffix nor control code)

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ANSI FORD FEATURES</u>	<u>COMMENTS</u>
LIN01	666	Line Item Number	<u>O AN 01/06</u>	Not used
LIN02	235	Product/Service ID Qualifier	<u>M ID 02/02</u>	Will contain "BP" (Ford Part Number).
LIN03	234	Product/Service ID	<u>M AN 01/30</u>	This field will contain the Ford part number.

**Note:** LIN04 through LIN31 are not used.

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TRANSACTION SET: 861 - Receiving Advice  
 SEGMENT: CTT - Transaction Totals  
 LEVEL: Trailer  
 MAX USAGE/LOOPS: 1/None  
 PURPOSE: To transmit a hash total for a specific element in the transaction set.  
 GENERAL INFORMATION: CTT01 and CTT02 will be used. CTT03 through CTT07 are not.  
 EXAMPLE: CTT\*4\*32951 N/L

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ANSI FORD FEATURES</u>	<u>COMMENTS</u>
CTT01	354	Number of Line Items	<u>M NO 01/06</u>	Total Number of RCD Segments
CTT02	347	Hash Totals	<u>O R 01/10</u> <u>M R 01/10</u>	Accumulation of the Quantity Received element (RCD02) of all RCD segments.
CTT03	81	Weight	<u>O R 01/08</u>	Not used
CTT04	355	Unit of Measurement Code	<u>O ID 02/02</u>	Not used
CTT05	183	Volume	<u>O R 01/08</u>	Not used
CTT06	355	Unit of Measurement Code	<u>C ID 02/02</u>	Not used
CTT07	352	Description	<u>O AN 01/80</u>	Not used

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TRANSACTION SET: 861 - Receiving Advice  
 SEGMENT: SE - Transaction Set Trailer  
 LEVEL: Trailer  
 MAX USAGE/LOOPS: 1/None  
 PURPOSE: To indicate the end of the transaction set and provide the count of the transmitted segments (including the Transaction Set Header (ST) and Trailer (SE) segments).

GENERAL INFORMATION:  
 The number of included segments is the total of all segments used in the transaction set including the ST and SE segments.

The transaction set control number (SE02) in the trailer must match the transaction set control number (ST02) in the transaction set header segment (ST).

EXAMPLE: SE\*51\*891230001 N/L

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ANSI FORD FEATURES</u>	<u>COMMENTS</u>
SE01	96	Number of Included Segments	<u>M NO 01/06</u>	
SE02	329	Transaction Set Control	<u>M AN 04/09</u>	Will contain value in ST02