

O'Reilly / Ozark Automotive Inc.

856 ASN Implementation Guide

To: Trading Partners

From: Jim Edwards

Date: 08/10/01

856 Advance Ship Notice Segment Descriptions Transmission Data File Specifications Ansi X12 Version 4010



Transaction Data File – Segment Descriptions
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For The 856 Advance Ship Notice
Version 4010

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Ozark Distribution Centers and ID Information

ISA-06 The Interchange Sender ID will contain the identification code for the specific Ozark Automotive Distribution Center that is sending the 850 Purchase Order. The same Sender ID will be used in returning 997 Acknowledgments and an 856 Advance Ship Notice to us.

See accompanying spreadsheet “Warehouse locations.xls” for the list of IDs.

Special Instructions

- 1. ASN's for Ozark Automotive must contain only one order per ASN.**
- 2. The Shipment ID in Segment BSN-02 must be unique for each ASN.**
- 3. The Shipment ID or the Packing List Number that is used for the ASN must be on the packing list.**
- 4. Ozark's entire 14 character Purchase Order number must be on the packing list and ASN.**
- 5. Full disclosure of all items on an order is expected on the ASN. Items on the order must be included whether the item is shipped complete, partially shipped or not shipped. The shipment status codes for each situation is included in the TD5 segment specifications at item level. The ASN must match the packing list.**

Data Example

ISA*00*.....*00*.....*12*7733266349.....*12*4066566642.....*080724*1227*U*0
0401*000000015*0*P*>~
GS*SH*7733266349*4066566642*20080724*1227*15*X*004010~
ST*856*0016~
BSN*00*373211*20080724*1142~
DTM*011*20080724*114200~
HL*1**S~
TD1*CTN25*50***G*885*LB~
TD5***RDWY*LT*ROADWAY~
TD3*TL**33~
REF*BM*373211~
REF*PK*373211~
FOB*PP~
N1*SF*SUPPLIER NAME.~
N1*ST*OZARK·AUTOMOTIVE---BIL*92*00015~
HL*2**O~
PRF*3298639A15NC00***20080723~
REF*PK*373211~
HL*3*2*I~
LIN*001*BP*28201*VP*28201*UP*073905282017~
SN1**50*CS~
TD5*****X*CC~
CTT*1*50~
SE*21*0016~
GE*1*15~
IEA*1*000000015~

Segment : ST Usage : Mandatory Purpose : Indicates the start of the transaction set and assigns a control # Level : Header

ST*856*856000054~

ST-01 '856' Transaction Set Identifier.

ST-02 '856000054' Transaction Set Control Number.

Segment : BSN Usage : Mandatory Purpose : Beginning Segment for ASN Level : Header

BSN*00*5640990*20010813*1500~

BSN-01 '00' Transaction Set Purpose Code.

BSN-02 '5640990' Shipment Identification.

BSN-03 '20010810' Date.

BSN-04 '1500' Time.

***Note The Shipment ID must be unique.**

Segment : DTM Date/Time Reference
Usage : Mandatory
Purpose : Date
Level : Header

DTM*011*20010810~

DTM-01 '011' Date/Time Qualifier (Shipped).

DTM-02 '20010803' Date Shipped.

DTM-03 '150032' Time.

Segment : HL
Usage : Mandatory
Purpose : Hierarchical Level to Detail Shipment
Level : Shipment

HL*1**S~

HL-01 '1' Hierarchical ID Number (Unique).

HL-02 '*' Not used.

HL-03 'S' Shipment.

Segment : TD1 Usage : Optional Purpose : Carrier Details (Quantity and Weight) Level : Shipment
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TD1*CTN90*189****G*1635*LB~

TD1-01 'CTN90' Packaging Code.
TD1-02 '189' Lading Quantity.
TD1-03 '*' Not Used.
TD1-04 '*' Not Used.
TD1-05 '*' Not Used.
TD1-06 'G' Weight Qualifier (Gross).
TD1-07 '1635' Weight.
TD1-08 'LB' Unit of Measure (Pound).

Segment : TD5
Usage : Optional
Purpose : Carrier Details (Routing Sequence/Transit Time)
Level : Shipment

TD5*B*2*ARFW*M*AMERICAN-FREIGHTWAYS~

TD5-01 'B' Routing Sequence Code.

TD5-02 '2' Identification Code Qualifier.

TD5-03 'ARFW' Identification Code.

TD5-04 'M' Transportation Method.

TD5-05 'AMERICAN FREIGHTWAYS' Routing.

Segment : TD3 Usage : Optional Purpose : Carrier Details (Equipment) Level : Shipment
--

TD3*TL**059102386~

TD3-01 'TL' Equipment Description Code.

TD3-02 '*' Not Used.

TD3-03 '059102386' Equipment Number.

Segment : REF
Usage : Mandatory
Purpose : Reference Identification
Level : Shipment

REF*BM*5640990~

REF-01 'BM' Reference Identification Qualifier (Bill of Lading Number).

REF-02 '5640990' Reference Identification.

Segment : REF
Usage : Mandatory
Purpose : Reference Identification
Level : Shipment

REF*PK*5640990~

REF-01 'PK' Reference Identification Qualifier (Packing List Number).

REF-02 '5640990' Reference Identification.

Segment : FOB
Usage : Mandatory
Purpose : F O B Related Instructions
Level : Shipment

FOB*PP*~

FOB-01 'PP' Prepaid (By Seller).

Segment : N1
Usage : Mandatory
Purpose : Name
Level : N1 Loop

N1*SF*SUPPLIER NAME*91*003149~

N1-01 'SF' Entity Identifier Code (Ship From).

N1-02 'SUPPLIER NAME' Name.

N1-03 '91' Identification Code Qualifier (Assigned by Seller).

N1-04 '003149' Identification Code.

Segment : N1
Usage : Mandatory
Purpose : Name
Level : N1 Loop

N1*ST*OZARK·AUTONOTIVE·#5*92*005~

N1-01 'ST' Entity Identifier Code (Ship To).

N1-02 'OZARK AUTONOTIVE #5' Name.

N1-03 '92' Identification Code Qualifier (Assigned by Buyer).

N1-04 '005' Identification Code. (Warehouse Number).

Segment : HL
Usage : Mandatory
Purpose : Hierarchical Level to Detail Order
Level : Purchase Order

HL*2**O~

HL-01 '2' Hierarchical ID Number (Unique).

HL-02 '**' Not used.

HL-03 'O' Order.

Segment : PRF Usage : Mandatory Purpose : Purchase Order Reference Level : Purchase Order
--

PRF*0311255A05CC00***20010806~

PRF-01 '0311255A05CC00' Purchase Order Number. 14

PRF-02 '*' Not used.

PRF-03 '*' Not Used.

PRF-04 '20010806' Purchase Order Date.

Segment : REF
Usage : Mandatory
Purpose : Reference Identification
Level : Purchase Order

REF*PK*5640990~

REF-01 'PK' Reference Identification Qualifier (Packing List).

REF-02 '5640990' Reference Identification (Packing List Number).

***Note The Packing List Number must appear on the Packing List AND on the ASN.**

Segment : HL Usage : Mandatory Purpose : Hierarchical Level to Detail Item Level : Line Item

HL*3*1*1~

HL-01 '3' Hierarchical ID Number (Unique).

HL-02 '1' Hierarchical Parent ID Number.

HL-03 '1' Item.

Segment : LIN
Usage : Mandatory
Purpose : Item Identification
Level : Line Item

LIN*1*BP*M33-12*VP*M3312*UP*078698822136~

LIN-01 '1' Assigned Identification.

LIN-02 'BP' Product ID Qualifier (BP - Buyer's Part Number).

LIN-03 'M33-12' Product ID. (Buyer's Part Number).

LIN-04 'VP' Product/Service ID Qualifier (VP - Vendor's Part Number).

LIN-05 'M3312' Product ID (Seller's Part Number).

LIN-06 'UP' Product ID Qualifier (UPC Code).

LIN-07 '078698822136' Product ID. (UPC Code – If Available).

Segment : SN1
Usage : Mandatory
Purpose : Item Detail (Shipment)
Level : Line Item

SN1**36*EA~

SN1-01 '*' Not Used.

SN1-02 '36' Number Of Units Shipped.

SN1-03 'EA' Unit or Basis of Measurement Code (EA - Each).

Segment : TD5 Usage : Mandatory Purpose : Carrier Details (Routing Sequence/Transit Time Level : Line Item

TD5*****X*CC~

TD5-01 '*' Not Used.

TD5-02 '*' Not Used.

TD5-03 '*' Not Used.

TD5-04 '**' Not Used

TD5-05 'X' Routing (X - Item Status Only).

TD5-06 'CC' Ship/Order Status Code (CC - Shipped Complete).

***Note The following codes are to be used in TD5-06 depending on the shipment status of the item ordered.**

CC - Shipped Complete

CP - Partial Shipped / Balance Cancelled).

BP - Partial Shipped / Balance Back Ordered

The HL, LIN, SN1 and TD5 Segments described on pages 21, 22, 23 and 24 of this document will be repeated for each item on the ASN. The Hierarchical ID Number in Segment HL-01 will be incremented each time it is used.

Example:

HL*4*1*I~
LIN*3*BP*M45-32*VP*M4532*UP*078698101286~
SN1**12*EA~
TD5*****X*CC~

Segment : CTT
Usage : Optional
Purpose : Transaction Totals
Level : Hash Total Number of Line Items and Quantity Shipped

CTT*2*48~

CTT-01 '2' Number of Line Items. (LIN segment count)

CTT-02 '48' Hash Total. (Total of quantity shipped)

Segment : SE
Usage : Mandatory
Purpose : Transaction Set Trailer
Level : End ST Control Loop

SE*25*856000054~

SE-01 '25' Number of Included Segments.

SE-02 '856000054' Transaction Set Control Number.