EDI Specifications

850 FDO and WEB Purchase Order

Version 001

Area	Segment ID	Segment Name	Req Max	Loop Max
H	ST	TRANSACTION SET HEADER	M	1
H	BEG	BEGINNING SEGMENT FOR PURCHASE ORDERS	M	1
H	REF	REFERENCE NUMBERS	M WEB orders only	1
H	ITD	TERMS OF SALE/DEFERRED TERMS	M	1
H	DTM	DATE/TIME REFERENCE	M	1
H	N9	REFERENCE IDENTIFICATION	M	1
H	MSG	MESSAGE TEXT	O	
H	N1	NAME - CUSTOMER	M	1
H	N2	SHIP TO NAME	M	1
H	N3	SHIP TO ADDRESS	M	1
H	N4	SHIP TO GEOGRAPHIC LOCATION	M	1
H	N1	BILL TO NAME	M	1
H	N3	BILL TO ADDRESS	M	1
H	N4	BILL TO GEOGRAPHIC LOCATION	M	1
D	PO1	BASELINE ITEM DATA	M	1
				100,000
D	REF	REFERENCE NUMBERS	M WEB orders only	4
S	CTT	TRANSACTION TOTALS	M	1
S	SE	TRANSACTION SET TRAILER	M	1

Transaction: 850 – Purchase Order
Segment: ISA - Interchange Control Header

Segment	Element	Element Description	Accepted Values
ISA	ISA 01 / I01	Authorized Information Qualifier	"00" Not Present
	ISA 02 / I02	Authorized Information	Blank
	ISA 03 / I03	Security Information Qualifier	"00" Not Present
	ISA 04 / I04	Security Information	Blank
	ISA 05 / I05	Interchange ID Qualifier	"01" – AAP's qualifier
	ISA 06 / I06	Interchange Sender ID	"007941529" – AAP's Production and Test ID#
	ISA 07 / I05	Interchange ID Qualifier	Your Company's Qualifier
	ISA 08 / I07	Interchange Receiver ID	Your Company's ID Code
	ISA 09 / I08	Interchange Date	YYMMDD
	ISA 10 / I09	Interchange Time	HHMM
	ISA 11 / I10	Interchange Control ID	"U" - U.S. EDI Community
	ISA 12 / I11	Interchange Version Number	"00401" - ANSI X12
	ISA 13 / I12	Interchange Control Number	Sequentially assigned number
	ISA 14 / I13	Acknowledgment Requested	"0"-Ack. Requested - No
	ISA 15 / I14	Production/Test Indicator	"P" - Production
	ISA 16 / I15	Sub-element Separator	">"

ISA Example:

ISA*00**00**01*007941529***Your qualifier*Your ID***110324*1230*U*00401*000000375*0*P*>~

Segment	Element	Element Description	Accepted Values
GS	GS 01 / 479	Functional ID Code	'PO' - Purchase Order
	GS 02 / 142	Application Sender Code	"007941529" (same as ISA08)
	GS 03 / 124	Application Receiver Code	Your Company's ID (same as ISA06)
	GS 04 / 373	Date	YYYYMMDD (Date this group was created)
	GS 05 / 337	Time	HHMM (Time this group was created)
	GS 06 / 28	Group Control Number	Sequentially assigned number. (created by the sender)
	GS 07 / 455	Responsible Agency Code	"X" - X12
	GS 08 / 480	Version / Release ID Code	"004010"

GS Example:

GS*PO*007941529* **Your ID#***20110324*1230*154*X*004010~

Transaction: 850 – Purchase Order
Segment: ST - Transaction Set Header

To indicate the start of a transaction set and to assign a control number. The same transaction set control number will appear in the SE segment.

Segment	Element	Element Description	Accepted Values
ST	ST 01 / 143	Transaction Set ID Code	"850" – Purchase Order
	ST 02 / 329	Transaction Set Control Number	Sequentially assigned number

ST Example:

ST*850*0001~

Transaction: 850 – Purchase Order
Segment: BEG - Beginning Segment for Purchase Order

To indicate the beginning of the Purchase Order transaction set and transmits identifying numbers and dates.

Segment	Element	Element Description	Accepted Values
BEG	BEG 01/353	Transaction set purpose code	Code of '00' indicates original document
	BEG 02/92	Purchase Order type code	Code of "NE" indicates new order
	BEG 03/324	Purchase Order number	Number or code used to identify the PO document to the sender
	BEG 04/328	Vendor # Assigned by AAP	
	BEG 05/373	Date	Date this PO was created
			(YYYYMMDD)

BEG Example:

BEG*00*NE*0011410***Your Vendor#***20110324~

Note:

- BEG03 is the Purchase Order number we need back on the ASN and Invoice
- BEG04 is the Vendor Number we need back on the ASN and Invoice in the N104 Remit To/Ship From.

Transaction: 850 – Purchase Order
Segment: REF – Reference Numbers

To specify identifying information.

********This REF segment is used ONLY for WEB ORDERS *********

Segment	Element	Element Description	Accepted Values
REF	REF 01 / 128	Reference Number Qualifier	"WO" – Web Order
	REF 02 / 127	Reference Number	Web Order #
	REF 03 / 352	Description	"WEB"

REF Example:

REF*WO*11111*WEB~

Note:

- The REF02 is the WEB Order # that uniquely identifies the shipment.
- The REF03 is the description
- This information will appear on the Packing List.

Transaction: 850 – Purchase Order
Segment: ITD- Terms of sale/deferred terms

Segment	Element	Element Description	Accepted Values
ITD	ITD 01/336	Terms type code	Code "ZZ" Mutually defined
	ITD12 /352	Terms on file	Vendor terms

ITD Example:

ITD*ZZ***********Terms~

Transaction: 850 – Purchase Order
Segment: DTM- Date/Time Reference

To specify pertinent dates and times.

Segment	Element	Element Description	Accepted Values
DTM	DTM 01/374	**Date**	Code "02" Delivery Requested
	DTM 02 /373	Date	Delivery Requested. (YYYYMMDD)

DTM Example:

DTM*002*20110324~

Note:

1. DTM002 --date when Advance Auto Parts needs the merchandise at the Ship To location.

Transaction: 850 – Purchase Order

Segment: N9- Reference Identification

To transmit identifying information as specified by the reference identification qualifier.

Segment	Element	Element Description	Accepted Values
N9	N9 01/ 128	Reference Identification Qualifier	"ZZ"
	N9 02/127	Reference Identification	"Special Instr."

N9: Example:

N9*ZZ*Special Instr~

Transaction: 850 – Purchase Order

Segment: MSG- Message Test

To provide a free- form format that allows the transmission of test information.

We will provide Terms and Conditions Language for all electronic Purchase Orders

Segment	Element	Element Description	Accepted Values
MSG	MSG 01/ 933	Free-form message text	This will have the way to ship
MSG	MSG 01/ 933	Free-form message text	This will have the store phone number
MSG	MSG 01/ 933	Free-form message text	This will have the store number. **All WEB orders will have "1020"**
MSG	MSG 01/ 933	if there is no binding written contract between the parties, this PO is issued subject to the Terms and Conditions found at	This will be on all Purchase orders
MSG	MSG 01/ 933	http://www.advanceautoparts. com/English/PO_Terms/AAP _POTerms Pdf which cannot be changed in any way, except by a writing signed by an officer of Advance Stores Company, Inc. Its affiliates and Subsidiaries	This will be on all Purchase orders.

MSG Example:
MSG*UPS Ground~
MSG*Special Order~
MSG* 0254~   or   (MSG*1020……for WEB order only)
MSG* if there is no binding written contract between the parties, this PO is issued
             subject to the Terms and Conditions found at.

MSG* http://www.advanceautoparts.com/English/PO_Terms/AAP_POTerms

             .

Transaction: 850 – Purchase Order
Segment: N1 - Name

To identify a party by type of organization name and code.

Segment	Element	Element Description	Accepted Values
N1	N1 01 / 98	Entity Identifier Code	"ST" - Ship To
	N1 02 / 93	Name	Advance Auto Parts
	N1 03 / 66	Identification Code Qualifier	"91"
	N1 04 / 67	Identification Code	AAP Location "Drop Ship to Address"

N1 Example:

N1*ST*ADVANCE AUTO PARTS *91*DROP SHIP TO ADDRESS~

Note:
1. N104 will always be "Drop Ship To Address".

Transaction: 850 – Purchase Order
Segment: N2 – Additional Name Information

To specifiy additional names or those longer than 35 characters in length.

Segment	Element	Element Description	Accepted Values
N2	N2 01 / 93	Name	Ship To Name

N1 Example:

N2*Ship To Name~

Transaction: 850 – Purchase Order

Segment: N3-Address Location

To specify the location of the named party.

Segment	Element	Element Description	Accepted Values
N3	N3 01 / 166	Address information	Ship To Address
	N3 02 / 166	Address information	Ship To Address

N3 Example:

N3* Address information *Address Information~

Segment: N4- GEOGRAPHIC LOCATION

To specify geographic place of the named party.

Segment	Element	Element Description	Accepted Values
N4	N4 01/ 19	City name	
	N4 02/156	State	
	N4 03/116	Postal Code	

N4 Example:

N4*City*State*Zip Code~

Transaction: 850 – Purchase Order:
Segment: N1- Name

To identify a party by type of organization name and code.

Segment	Element	Element Description	Accepted Values
N1	N1 01 / 98	Entity Identifier Code	"BT" - Bill To
	N1 02 / 93	Name	Bill To Name "Advance Auto Parts"

N1 Example:

N1*BT*ADVANCE AUTO PARTS~

Transaction: 850 – Purchase Order

Segment: N3 **Address Location**

To specify the location of the named party.

Segment	Element	Element Description	Accepted Values
N3	N3 01 / 166	Address information	Ship To Address

N3 Example:

N3*Ship To Address~

Transaction: 850 – Purchase Order
Segment: N4 GEOGRAPHIC LOCATION

To specify geographic place of the named party.

Segment	Element	Element Description	Accepted Values
N4	N4 01/ 19	City name	
	N4 02/156	State	
	N4 03/116	Postal Code	

N4 Example:

N4*City*State* Zip Code~

Segment: PO1- Baseline Item Data

To specify basic and most frequently used line item data.

Segment	Element	Element Description	Accepted Values
PO1	PO1 01/ 350	Assigned Identifier	Number for each SN1occurrence segment
	PO1 02/ 330	Quantity Ordered	Quantity Ordered
	PO1 03/355	Unit of Measure	Measure code for value in SN102. Only use **"EA"**= Each.
	PO1 04/212	Unit Price	
	PO1 06/235	Product ID	"BP" buyer's part#
	PO1 07/234	Need line item status code	AAP SKU #
	PO1 08/235	Product ID	"VP" Vendor's (seller) part#
	PO1 09/234	Need line item status code	Vendor's MFG#

PO1 Example:

PO1*1*40*EA*20.03**BP*1234567*VP*EL124-789~

Transaction: 850 – Purchase Order
Segment: REF – Reference Numbers (PO1 Detail)

To specify identifying information.

*********This REF segment is used ONLY for WEB ORDERS **********

Segment	Element	Element Description	Accepted Values
REF	REF 01 / 128	Reference Number Qualifier	"ID" – Item Description "WD" = Warranty Description "PE" – Price Each "TP" – Total Price
	REF 02 / 127	Reference Number	Item Description Warranty Description Price Each Total Price

REF Example:

REF*ID*Production Description here~
REF*WD*Warranty Description here~
REF*PE*13.44~
REF*TP*26.88~

Note:

1. If a WEB order, this REF segment specifies the Packing List Detail Information that uniquely identifies the shipment.
2. If a WEB order, this information must be on the Packing List.
3. The REF segment is used a minimum of 4 times. This information is used for the Packing List.

Transaction: 850 – Purchase Order
Segment: CTT - Transaction Totals

To transmit a hash total for a specific element in the transaction set.

Segment	Element	Element Description	Accepted Values
CTT	CTT 01/ 354	Number of Line Items	Total count of 'PO' segments
	CTT 02/ 357	Hash Total	Total number of units ordered (found in the PO102 element).

CTT Example:

CTT*7*40~

Transaction: 850 – Purchase Order
Segment: SE - Transaction Set Totals

To indicate the end of the transaction set and provides the count of the transmitted segment (including the beginning (ST) and ending (SE) segments).

Segment	Element	Element Description	Accepted Values
SE	SE 01 / 96	Number of segments included	Number of segments included
	SE 02 / 329	Transaction Set Control Number	Sequentially assigned number. Same number found in ST02 element

SE Example:

SE*27*0001~

Note:

1. Count starts with and includes the '**ST**' segment and ends with and includes the '**SE**' segment.

To indicate the end of a functional group and to provide control information.

Segment	Element	Element Description	Accepted Values
GE	GE 01 / 97	Transaction Sets Total Count	Number of transaction sets included.
	GE 02 / 28	Group Control Number	Sequentially assigned number. Same as GS06

GE Example:

GE*1*154~

Transaction: 850 – Purchase Order
Segment: IEA - Interchange Control Trailer

To define the end of an interchange of zero or more functional groups and interchange related control segment.

Segment	Element	Element Description	Accepted Values
IEA	IEA 01 / I16	Number Of Functional Groups	Number of functional groups found in the interchange envelope
	IEA 02/ I12	Interchange Control Number	Sequentially assigned number. Same as ISA13

IEA Example:

IEA*1*000000375~

Example Of An FDO Purchase Order

ISA*00*   *00*   *01*007941529   * Your Qualifier ID #*Your Receiver
ID#*110324*1633*U*00401*000000002*0*P*>~
GS*PO*007941529*YOUR ID*20110324*1633*2*X*004010~
ST*850*000000359~
BEG*00*NE*0011410*YOUR AAP VENDOR#*20110324~
ITD*ZZ***********Terms~
DTM*002*20110325~
N9*ZZ*SPECIAL INSTR~
MSG* FEDEX GROUND~
MSG*7033625392~
MSG*2520~
MSG*if there is no binding written contract between the parties, this PO is issued
MSG*subject to the Terms and Conditions found at.
MSG*http://www.advanceautoparts.com/English/PO_Terms/AAP_POTerms
MSG*.Pdf which cannot be changed in any way, except by a writing signed by an
MSG*officer of Advance Stores Company, Inc. Its affiliates and Subsidiaries~
N1*ST*ADVANCE AUTO*91*DROP SHIP TO ADDRESS~
N2*2520AdvAuto- Timothy~
N3*5329-A Williamson Rd.~
N4*Roanoke*VA*24012~
N1*BT*ADVANCE AUTO~
N3*P.O. BOX 2710~
N4*ROANOKE*VA*24012~
PO1*1*2*EA*113**BP*2428894*VP*VR639HF~
CTT*1*2~
SE*23*000000359~
GE*1*2~
IEA*1*000000002 ~

Example Of A WEB Purchase Order

ISA*00*   *00*   *01*007941529   *Your Qualifier*YOUR ID   *110324*
1633*U*00401*000000002*0*P*>~
GS*PO*007941529*YOUR ID*20110324*1633*2*X*004010~
ST*850*000000359~
BEG*00*NE*0011410* YOUR AAP VENDOR#*20110324~
REF*WO*12345*WEB~
ITD*ZZ***********Terms~
DTM*002*20110325~
N9*ZZ*SPECIAL INSTR~
MSG* UPS GROUND~
MSG*5405611637 ~
MSG*1020~
MSG*if there is no binding written contract between the parties, this PO is issued
MSG*subject to the Terms and Conditions found at.
MSG*http://www.advanceautoparts.com/English/PO_Terms/AAP_POTerms.Pdf
MSG*which cannot be changed in any way, except by a writing signed by an
MSG*officer of Advance Stores Company, Inc. Its affiliates and Subsidiaries
N1*ST*ADVANCE AUTO*91*DROP SHIP TO ADDRESS~
N2*1020 Jane Pie~
N3*555 Hamburger Rd.*Apt. #9~
N4*Fries*VA*24152~
N1*BT*ADVANCE AUTO~
N3*P.O. BOX 2710~
N4*ROANOKE*VA*24001~
PO1*1*2*EA*113**BP*2428894*VP*VR639HF~
REF*ID*Item description VR639HF~
REF*WD*Item Warranty VR639HF~
REF*PE*113.00~
REF*TP*226.00~
PO1*1*2*EA*103**BP*2427794*VP*VR641HF~
REF*ID*Item description VR641HF~
REF*WD*Item Warranty VR641HF~
REF*PE*103.00~
REF*TP*206.00~
CTT*2*4~
SE*33*000000359~
GE*1*2~
IEA*1*000000002~