



EDI Specifications

850 Purchase Order – Enhanced for Import Vendors

Version 1.2

Revision History

Version	Date	Revisions
1.1	4/27/2011	Prep for Vendor publication
1.2	7/27/2011	Revised examples

Transaction: 850- Import Purchase Order Transaction Segments

Area	Segment ID	Segment Name	Req Max	Loop Max
H	ST	Transaction Set Header	M	1
H	BEG	Beginning Segment for Ship Notice	M	1
H	CUR	Currency	M	1
H	REF	Reference Identification	M	1
H	PER	Administrative Communication	M	1
H	PER	Administrative Communication	M	1
H	FOB	F.O.B. Related Instructions	M	1
H	DTM	Date/Time Reference	M	1
H	DTM	Date/Time Reference	M	1
H	DTM	Date/Time Reference	M	1
H	PID	Product/Item Description	M	1
H	TD5	Carrier Details	M	1
H	TD5	Carrier Details	M	1
H	TD5	Carrier Details	M	1
H	N9	Reference Identification	M	1
H	MSG	Comments	M	1
H	MSG	Comments	M	1
H	MSG	Comments	M	1
H	N1	Name	M	1
H	N1	Name	M	1
H	N2	Additional Name Information	M	1
H	N3	Address Information	M	1
H	N4	Geographic Location	M	1
D	PO1	Baseline Item Data	M	1
D	PAM	Period Amount	M	1
D	PID	Product/Item Description	M	1
D	PO4	Item Physical Details	M	1
D	REF	Reference Identification	M	1
D	TC2	Commodity	M	1
S	CTT	Transaction Totals	M	1
S	SE	Transaction Set Trailer	M	1

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

M/O – Mandatory/Optional

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

ISA Example:

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

Transaction: 850 – Import Purchase Order
Segment: GS - Functional Group Header

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

GS Example:

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

Transaction: 850 – Import 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	M/O
ST	ST 01 / 143	Transaction Set ID Code	"850" – Purchase Order	M
	ST 02 / 329	Transaction Set Control Number	Sequentially Assigned Number	M

ST Example:

ST*850*0001~

Transaction: 850 – Import 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	M/O
BEG	BEG 01/353	Transaction set purpose code	Code of '00' indicates original document	M
	BEG 02/92	Purchase Order type code	Code of "NE" indicates new order	M
	BEG 03/324	Purchase Order number	Number or code used to identify the PO document to the sender	M
	BEG 04/328	Vendor # assigned by AAP		O
	BEG 05/373	Date	Date this PO was created	M

BEG Example:

BEG*00*NE*0011410**20110324*~

Or

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

Note:

- BEG03 is the Purchase Order number we should receive back on the ASN and Invoices.
- BEG04 is your Vendor # that we need back on the ASN and invoice in the N104 Ship From / Remit To.

Transaction: 850 – Import Purchase Order
Segment: CUR- Currency

Segment	Element	Element Description	Accepted Values	M/O
CUR	CUR01/98	Entity Identifier Code	Code "BY" Buying Party	M
	CUR02 /100	Currency code	'USD'	M

CUR Example:

CUR*BY*USD~

Transaction: 850 – Import Purchase Order
Segment: REF-Reference Identification

To specify identifying information.

Segment	Element	Element Description	Accepted Values	M/O
REF	REF01/128	Reference Identification Qualifier	Code "CR" Customer Reference Number	M
	REF02 /127	Priority Code	1 – Hot / Priority 2- Replenishment / Standard	M

REF Example:

REF*CR*2~

Transaction: 850 – Import Purchase order
Segment: PER – Administrative Communication

To Specify Identifying information.

Segment	Element	Element Description	Accepted Values	M/O
PER	PER 01/366	Contact Function Code	“BD” Buyer	M
	PER 02/93	Name	Buyer Name	O

Segment	Element	Element Description	Accepted Values	M/O
PER	PER 01/366	Communication Number Qual	“BC”	M
	PER 02/93	Communication Number	Buyer number	O

PER Example:

PER*BD*Contact Name~
 PER*BC*427~

Transaction: 850 – Import Purchase Order
Segment: FOB-F.O.B. Related Instructions

To specify transportation instructions relating to shipment.

Segment	Element	Element Description	Accepted Values	M/O
FOB	FOB 01/146	Shipment Method of Payment	Code "CC" Collect	M
	FOB 04/334	Transportation Terms Qualifier Code	'01' Incoterms	M
	FOB 05/335	Transportation Terms Code	FOB-Freight on Board	M
	FOB 06/309	Location Qualifier	'OR'	M
	FOB 07/352	Description	Incopoint	M

FOB Example:

FOB*CC***01*FOB*OR*Hong Kongu~

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

To specify pertinent dates and times.

Segment	Element	Element Description	Accepted Values	M/O
DTM	DTM 01/374	Date	Code "002" Delivery Requested	M
	DTM 02 /373	Date	Date Due to the DC. (YYYYMMDD)	M

DTM Example:

DTM*002*20110324~

Note:

- DTM02 is the date when Advance Auto Parts needs the merchandise at the Ship To location.

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

To specify pertinent dates and times.

Segment	Element	Element Description	Accepted Values	M/O
DTM	DTM 01/374	Date	Code "037" Early Ship Date	M
	DTM 02 /373	Date	Early Ship date. (YYYYMMDD)	M

DTM Example:

DTM*037*20060110~

Segment	Element	Element Description	Accepted Values	M/O
DTM	DTM 01/374	Date	Code "038" Late Ship Date	M
	DTM 02 /373	Date	Need to ship out by this date. (YYYYMMDD)	M

DTM Example:

DTM*038*20060110~

Transaction: 850 – Import Purchase Order
Segment: PID-Product/Item Description

To describe a product or process in coded or free-form format.

Segment	Element	Element Description	Accepted Values	M/O
PID	PID 01/ 349	Item Description Type	'F' Free-form	M
	PID 05/ 352	Description	'Advance Auto Parts'	M

PID Example:

PID*F****Advance Auto Parts~

Transaction: 850 – Import Purchase Order
Segment: TD5 – Carrier Details

To specify the carrier and sequence of routing and provide transit time information.

Segment	Element	Element Description	Accepted Values	M/O
TD5	TD5 04/ 91	Transportation Method/Type Code	'S'	M
	TD5 05/387	Routing	'OCEAN'	M
	TD5 07/309	Location Qualifier	'PB'	M
	TD5 08/310	Location Identifier	Origin	M

TD5 Example:

TD5****S*Ocean**PB*HK~

Transaction: 850 – Import Purchase Order
Segment: TD5 – Carrier Details

To specify the carrier and sequence of routing and provide transit time information.

Segment	Element	Element Description	Accepted Values	M/O
TD5	TD5 04/ 91	Transportation Method/Type Code	'S'	M
	TD5 05/387	Routing	'OCEAN'	M
	TD5 07/309	Location Qualifier	'CA'	M
	TD5 08/310	Location Identifier	Country of Origin	M

TD5 Example:

TD5****S*Ocean**CA*CN~

Transaction: 850 – Import Purchase Order
Segment: TD5 – Carrier Details

To specify the carrier and sequence of routing and provide transit time information.

Segment	Element	Element Description	Accepted Values	M/O
TD5	TD5 04/ 91	Transportation Method/Type Code	'S'	M
	TD5 05/387	Routing	'OCEAN'	M
	TD5 07/309	Location Qualifier	'CC'	M
	TD5 08/310	Location Identifier	Country of Export	M

TD5 Example:

TD5****S*Ocean**CC*CN~

Transaction: 850 – Import Purchase Order
Segment: N9- Reference Identification

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

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

N9: Example:

N9*ZZ*Special Instr~

Transaction: 850 – Import Purchase Order
Segment: MSG- MESSAGE TEXT

To transmit the first comments field.

Segment	Element	Element Description	Accepted Values	M/O
MSG	MSG 01/ 933	FREE-FORM MESSAGE TEXT	Comments fields	O

MSG: Example:

MSG* BRAKE PADS~

Transaction: 850 – Import Purchase Order
Segment: MSG- MESSAGE TEXT

To transmit the second comments field.

Segment	Element	Element Description	Accepted Values	M/O
MSG	MSG 01/ 933	FREE-FORM MESSAGE TEXT	Comments fields	O

MSG: Example:

MSG* BRAKE PADS~

Transaction: 850 – Import Purchase Order
Segment: MSG- MESSAGE TEXT

To transmit the third comments field.

Segment	Element	Element Description	Accepted Values	M/O
MSG	MSG 01/ 933	FREE-FORM MESSAGE TEXT	Comments fields	O

MSG: Example:

MSG* BRAKE PADS~

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

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

Segment	Element	Element Description	Accepted Values	M/O
N1	N1 01 / 98	Entity Identifier Code	"ST" - Ship To	M
	N1 02 / 93	Name	Advance Auto Parts	M
	N1 03 / 66	Identification Code Qualifier	"91"	M
	N1 04 / 67	Identification Code	AAP Location No. (DC code or Store #)	M

N1 Example:

N1*ST*ADVANCE AUTO PARTS *91*17~

Note:

- No leading zero's in the N104.
- Distribution Center codes must be 2 digits only.
- AAP location number is assigned to each Distribution Center. We will provide you with a listing.

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

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

Segment	Element	Element Description	Accepted Values	M/O
N1	N1 01 / 98	Entity Identifier Code	"VN" – Vendors Name	M
	N1 02 / 93	Name	Factory Name	M
	N1 03 / 66	Identification Code Qualifier	"92"	M
	N1 04 / 67	Identification Code	Vendors number	M

N1 Example:

N1*VN*Autotek Products *92*55555~

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

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

Segment	Element	Element Description	Accepted Values	M/O
N2	N2 01 / 93	Address	Address one	M

N2 Example:

N2*806-807 Heng Ngai Jewelry Centre~

Transaction: 850 – Import Purchase Order
Segment: N3 - Name

To identify the location of the named party.

Segment	Element	Element Description	Accepted Values	M/O
N3	N3 01 / 166	Address	Address Two	M

N3 Example:

N3*4 Hok Yuen Street East

Transaction: 850 – Import Purchase Order
Segment: N4- GEOGRAPHIC LOCATION

To specify geographic place of the named party.

Segment	Element	Element Description	Accepted Values	M/O
N4	N4 01/ 19	City name		0
	N4 03/116	Postal Code		0
	N4 04/26	Country Code		0
	N4 05/309	Location Qualifier	'34'-District	0
	N4 06/310	Location Identifier	Province	0

N4 Example:

N4*Kowloon**123456*CN*34*Guangdong~

Transaction: 850 – Import Purchase Order
Segment: PO- Baseline Item Data

To specify basic and most frequently used line item data.

Segment	Element	Element Description	Accepted Values	M/O
PO1	PO1 01/ 350	Assigned Identifier	Accumulator- adding Number PO1 segments	O
	PO1 02/ 330	Quantity Ordered	Quantity shipped	M
	PO1 03/355	Unit of Measure	Only use “EA”= Each.	M
	PO1 04/212	Unit Price		M
	PO1 06/235	Product/Service ID Qualifier	'BP'	M
	PO1 07/234	Product/Service ID	AAP SKU #	M
	PO1 08/235	Product/Service ID Qualifier	'VP'	M
	PO1 09/234	Product/Service ID	Vendor MGF #	O

PO1 Example:

PO1*1*1008*EA*40.00**BP*4966054*VP*6454vp~
 PO1*2*54*EA*40.00**BP*4966554*VP*6464vp~

Transaction: 850 – Import Purchase Order
Seg,emt: PAM _ Period Amount

To describe a product or process in coded or free-form format.

Segment	Element	Element Description	Accepted Values	M/O
PAM	PAM 04/522	Amt Qual code	“FC” – First cost or FOB cost	M
	PAM 05/782	Amount	FOB amount	M

PAM Example:

PAM****FC*1000

Transaction: 850 – Import Purchase Order
Segment: PID-Product/Item Description

To describe a product or process in coded or free-form format.

Segment	Element	Element Description	Accepted Values	M/O
PID	PID 01/ 349	Item Description Type	'F' Free-form	M
	PID 05/ 352	Description	Description of product	M

PID Example:

PID*F****Umbrella Display prepack ~

Transaction: 850 – Import Purchase Order
Segment: PO4-Item Physical Details

To specify the physical qualities, packaging, weights, and dimensions relating to the item.

Segment	Element	Element Description	Accepted Values	M/O
PO4	PO4 01/ 354	Pack	Number of cartons for SKU #	O
	PO4 05/187	Weight Qualifier	'G'	M
	PO4 06/384	Gross weight per pack		M
	PO4 07/355	UOM Code	'KG'	M
	PO4 08/385	Cubic UOM		M
	PO4 09/355	UOM Code	'CR'	M
	PO4 10/82	Length		M
	PO4 11/189	Width		M
	PO4 12/65	Height		M
	PO4 13/355	Unit or Basis of measurement	"IN"	M

PO4 Example:

PO4*504****G*0.907*KG*1200.52*CR*19.5*18*20.75*IN~

Transaction: 850 – Import Purchase Order
Segment: REF-Reference Identification

To specify identifying information.

Segment	Element	Element Description	Accepted Values	M/O
REF	REF01/128	Reference Identification Qualifier	Code "CR" Customer Reference Number	M
	REF02 /127	Item Department number	Department number for SKU	O

REF Example:

REF*CR*6~

Transaction: 850 – Import Purchase Order
Segment: TC2-Commodity

To identify a commodity or a group of commodities or a tariff page commodity..

Segment	Element	Element Description	Accepted Values	M/O
TC2	TC2 01/ 23	Commodity Code Qualifier	'J'	M
	TC2 02/22	Commodity Code	HTS	M

TC2 Example:

TC2*J*123456890 ~

Transaction: 850 – Import 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	M/O
CTT	CTT 01/ 354	Number of PO1 Segments	Total count of PO1 01 segments	M
	CTT 02/ 347	Hash Total	Total number of units ordered (found in the PO102 elements).	O

CTT Example:

CTT*2*1062 ~

Transaction: 850 – Import 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	M/O
SE	SE 01 / 96	Number of segments included	Number of segments included	M
	SE 02 / 329	Transaction Set Control Number	Sequentially assigned number. Same number found in ST02 Element	M

SE Example:

SE*27*0001~

Note:

- Count starts at the '**ST**' segment and ends with the '**SE**' segment

Transaction: 850 – Import Purchase Order
Segment: GE - Functional Group Trailer

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

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

GE Example:

GE*1*154~

Transaction: 850 – Import 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	M/O
IEA	IEA 01 / I16	Number Of Functional Groups	Number of functional groups found in the interchange envelope	M
	IEA 02/ I12	Interchange Control Number	Sequentially assigned number. Same as ISA13	M

IEA Example:

IEA*001*000000375~

Example Of An Enhanced 850 Purchase Order--Import

ISA*00* *00* *01*007941529 *ZZ*USCECSC *110324*
1901*U*00401*000000270*0*P*>~
GS*PO*007941529*USCECSC*20110324*1901*124*X*004010~
ST*850*000001937~
BEG*00*NE*0004526**20110324~
CUR*BY*USD~
REF*CR*2~
PER*BD*Contact Name~
PER*BC*446~
FOB*CC***01*FOB*OR*Shanghai~
DTM*002*20110410~
DTM*037*20110324~
DTM*038*20110410~
PID*F****AUTO PARTS~
TD5****S*Ocean**PB*CNSHA~
TD5****S*Ocean**CA*CN~
TD5****S*Ocean**CC*CN~
N9*ZZ*SPECIAL INSTR~
MSG* BRAKE PADS~
MSG* URGENT~
MSG* BRAKE PADS~
N1*ST*Advance Stores Company, Inc.#27*91*27~
N1*VN*APC 4005 Factory*92*89127001~
N2*1526 Qilianshan Road~
N3*Tangxia Town~
N4*Shanghai***CN*34*Shanghai~
PO1*1*480*EA*72.16**BP*9050081*VP*SF108~
PAM****FC*62.67~
PID*F****3.5HP 4.6 GAL COMPRESSOR EA ST~
PO4*480****G*34.926*KG*0.11961*CR*19.5*18*20.75*IN~
REF*CR*9~
TC2*J*8414801685~
CTT*1~
SE*28*000001937~
GE*8*124~
IEA*1*000000270~