

# 856 Advance Ship Notice Supplemental Guide

ANSI X12-4010

Vendor Implementation Guide

Document Version 1.0

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CVS Health has initiated an ASN mandate for all suppliers sending shipments into our DCs. It is important that your organization build and maintain an 856/ASN document compliant with this specification as non-compliant ASNs will be subject to penalties. We issue 997 FA as accepted/rejected and utilize the 824 Application Advice for errors and missing segments.

Please direct any questions or to coordinate testing with CVS Health EDI/B2B at [EDI ASN Onboarding@CVSHealth.com](mailto:EDI_ASN_Onboarding@CVSHealth.com)

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## FEE SCHEDULE

| Fee Type    | Charge Amount (Per PO) | Detail  |
|-------------|------------------------|---|
| ASN Missing | \$100                  | 1. ASN never sent/received by the time of receiving, or<br>2. ASN rejected via 997 functional acknowledgement, or<br>3. ASN contained a business-critical rule via 824 application advice |
| ASN Late    | \$75                   | The ASN was not received 1 calendar day prior to receiving the shipment.<br><i>Exceptions apply only for same day ship / receive.</i>   |
| ASN Errors  | \$50                   | The ASN document contains any missing or inaccurate data defined by the EDI 856 spec guide  |

Note: If you receive a 997 rejection or an 824 message and re-send the corrected document by the time of receiving you will not be charged.

It is the responsibility of our suppliers to maintain correct data and communication to [EDI\\_ASN\\_Onboarding@CVSHealth.com](mailto:EDI_ASN_Onboarding@CVSHealth.com) with any concerns or issues you are facing.

## UPDATES & CLARIFICATIONS

### Mandatory segments

1. Throughout the document you will see **'M'** and **'MUST USE'** and **'R'** which are used synonymously.
  - **These elements must all be present.**
    - **'M'**
      - Typically designated for 997 acceptances
    - **'MUST USE'**
      - Typically designated for CVS Health business rules 824 application advice
    - **'R'**
      - Recommended, but used in conjunction with item level DTM product expiration dates
2. **[NEW]** When shipping homogeneous (single-SKU) pallets, PAL must be complete with TI-HI
3. **[NEW]** To be compliant with our Shelf-Life Program
  - Suppliers with date coded SKUs must provide ITEM level DTM\*036 – Date of Expiration
  - **If your product does not expire**, you are exempt from providing an expiration date.

### General clarifications

- **[NEW]** Dates on the ISA, GS, and BSN level of the ASN should be converted into EST
  - Our system will reject an ASN (via 824 application advice) if the date comes through ahead of actual EST date
    - Example of rejection:
      - Today is October 1, 2025 (08**01**25\***2300**) EST
      - ASN ISA date/time is October 2,2025 (08**02**25\***0300**) GMT
- Acceptable Formats
  - Pallets/Tare
    - S-O-T-I
  - Non-Pallet/Small Parcel
    - S-O-P-I
- ASN Labeling
  - When shipping pallets SOTI: 1 Unique SSCC bar code per pallet (any 2 sides)
  - When shipping small parcel SOPI: 1 Unique SSCC bar code per carton shipped



For more detail about labeling please visit CVS Suppliers and search for CVS Routing Guide Instructions Supplement #1-Domestic Label Pallet and Packaging Requirements v6

- CVS ID Qualifier / ISA-GS:  
**ZZ/CVS856ASN-CVS856ASN**

## 850 – Purchase Order to 856 - ASN Map

(Highlighted fields should map over to the ASN)

```

ST*850*0001
BEG*00*SA*1234567**20240101
REF*VR*18234
PER*BD*BUYER
ITD*01*15*2**25**26***100
DTM*002*20240115
AMT*BAP*1234
N9*L1*PO COMMENTS
MSG*THIS PO SUBJECT TO THE TERMS AND CONDITIONS FOUND ON CVS SUPPLIERS WEBSITE
N1*ST**54*Y101
N3*ONE CVS DRIVE
N4*WAVERLY*NY*14892
PO1**24*CA*123.45**UI*03600054321*UA*003600012345*PI*654321
PAM*01*2962.8*ZZ
PO4*4
CTT*1*24
SE*18*0001
    
```

|                       | Original 850 Purchase Order  | ASN Level                            | ASN Segment            |
|-----------------------|--|--------------------------------------|------------------------|
| STA Date              | DTM02  | Shipment                             | DTM02                  |
| Warehouse Code        | N103<br>N104   | Shipment (N1*ST)                     | N103<br>N104           |
| CVS Address           | N301<br>N401*N402*N403   | Shipment (N3*ST)<br>Shipment (N4*ST) | N301<br>N401*N402*N403 |
| PO + PO Date          | BEG03**BEG05   | Order                                | PRF01***PRF04          |
| Vendor Number         | REF01*REF02  | Order                                | REF01*REF02            |
| UOM (Unit of Measure) | PO103  | Item                                 | SN103                  |
| UPC + SKU             | PO106*07*08*09*10*11<br><br>If UA*Case UPC is not present, leave fields empty<br><br>See Below (alternate 850 example) | Item                                 | LIN02*03*04*05*06*07   |
| Case Pack             | PO401<br>If PO4 does not exist, default value to '1'   | Item                                 | PO401                  |

Alternate PO Example, missing the PO4 segment:

```

PO1**24*CA*123.45**PI*654321***PI*654321
PAM*01*2962.8*ZZ
CTT*1*24
SE*18*0001
    
```

Expected ASN return:

```

HL*4*3*I
LIN*1*PI*654321***PI*654321
SN1**24*CA
PO4*1***PCS*****24 PO401 defaults to 1
    
```

## S-O-P-I formatting / Small Parcel – No Pallet

Below is an order for 3CA of SKU 123456  
Each CA has a unique SSCC Bar Code

```

ISA*00*00*12*1234567ABC*ZZ*CVS856ASN*240624*1357*U*00401*100000151*0*P^A
GS*SH*1234567ABC*CVS856ASN*20240624*1357*1151*X*004010
ST*856*1151
BSN*00*160*20240624*1154*0005
HL*1**S
TD1*CTN*3***G*10.0*LB*1.0*CF
TD5*B*2*UPSN*M
REF*BM*160
REF*CN*1ZF64Jxxxxxxxxxxxx
DTM*011*20240624*0400
DTM*067*20240701*0500
FOB*PP
N1*SF*Supplier Name*1*117xxxxx
N3*Supplier Address
N4*City*OR*12345
PER*EA***EM*E-Mail@Supplier.com
N1*ST*CVS DC*54*D101
N3*43800 GENMAR RD
N4*NOVI*MI*48375
HL*2*1*O
PRF*1555555***20240624
REF*VR*12345
HL*3*2*P
LIN**UA*086000791145
MAN*GM*00008600079114011234
HL*4*3*I
LIN**UI*86000791234*UA*086000791234*PI*123456
SN1**1*CA**3*CA
PO4*20***PCS*****20
PID*F***Dummy Product Description
DTM*036*20270101
HL*5*2*P
LIN**UA*086000791145
MAN*GM*00008600079114015678
HL*6*5*I
LIN**UI*86000791234*UA*086000791234*PI*123456
SN1**1*CA**3*CA
PO4*20***PCS*****20
PID*F***Dummy Product Description
DTM*036*20270101
HL*7*2*P
LIN**UA*086000791145
MAN*GM*00008600079114019876
HL*8*7*I
LIN**UI*86000791234*UA*086000791234*PI*123456
SN1**1*CA**3*CA
PO4*20***PCS*****20
PID*F***Dummy Product Description
DTM*036*20270101
CTT*8
SE*49*1151
GE*1*1151
IEA*1*100000151
  
```

0003 – Parcel / Loose Case

CTN\*3 – Case Count

Distinct SSCC bar codes  
1 for each shipped carton  
Do not group cartons

## S-O-T-I formatting / TL & LTL – Pallets (single-SKU)

Below is an order for 3 pallets of SKUs (123456, 345678, 567890)  
 Each pallet has a unique SSCC Bar Code applied to any 2 sides

```

ISA*00* *00* *12*1234567ABC *ZZ*CVS856ASN *260624*1357*U*00401*100000151*0*P^A
GS*SH*1234567ABC*CVS856ASN*20260624*1357*1151*X*004010
ST*856*1151
BSN*00*10000160*20260624*1154*000*
HL*1**S
TD1*PLT*3***G*1000*LB*120*CF
TD5*B*2*SAIA*M
REF*BM*10000160
REF*CN*1234567890
DTM*011*20260624*0400
DTM*067*20260701*0500
FOB*PP
N1*SF*Supplier Name*1*1171234567
N3*Supplier Address
N4*City*OR*12345
PER*EA***EM*E-Mail@Supplier.com
N1*ST*CVS DC*54*D101
N3*43800 GENMAR RD
N4*NOVI*MI*48375
HL*2*1*O
PRF*1555555***20240624
REF*VR*12345
HL*3*2*T
MAN*GM*00008600079114011234
PAL*6*7*5
HL*4*3*I
LIN**UI*86000791234*UA*086000791234*PI*123456
SN1**35*CA**35*CA
PO4*20***PCS*****700
PID*F***Dummy Product Description
DTM*036*20270101
HL*5*2*T
MAN*GM*00008600079114015678
PAL*6*10*4
HL*6*5*I
LIN**UI*86000791234*UA*086000791234*PI*345678
SN1**40*CA**30*CA
PO4*12***PCS*****480
PID*F***Dummy Product Description
DTM*036*20270101
HL*7*2*T
MAN*GM*00008600079114019876
PAL*6*10*8
HL*8*7*I
LIN**UI*86000791234*UA*086000791234*PI*567890
SN1**80*CA**36*CA
PO4*15***PCS*****1200
PID*F***Dummy Product Description
DTM*036*20270101
CTT*8
SE*49*1151
GE*1*1151
IEA*1*100000151
  
```

0001 – Pallet

PLT\*3 – Pallet Count  
 OR  
 CTN\*155 – Case Count

Distinct SSCC bar codes

- 1 for each physical pallet
- Grouping SKU quantity

## S-O-T-I formatting / TL & LTL – Pallets (mixed-SKU)

Below is an order for 3 pallets of SKUs (123456, 345678, 567890)  
 Each pallet has a unique SSCC Bar Code applied to any 2 sides

```

ISA*00* *00* *12*1234567ABC *ZZ*CVS856ASN *260624*1357*U*00401*100000151*0*P^A
GS*SH*1234567ABC*CVS856ASN*20260624*1357*1151*X*004010
ST*856*1151
BSN*00*10000160*20260624*1154*000*
HL*1**S
TD1*PLT*1***G*1000*LB*120*CF
TD5*B*2*ODFL*M
REF*BM*10000160
REF*CN*1234567890
DTM*011*20260624*0400
DTM*067*20260701*0500
FOB*PP
N1*SF*Supplier Name*1*1171234567
N3*Supplier Address
N4*City*OR*12345
PER*EA***EM*E-Mail@Supplier.com
N1*ST*CVS DC*54*D101
N3*43800 GENMAR RD
N4*NOVI*MI*48375
HL*2*1*O
PRF*1555555***20240624
REF*VR*12345
HL*3*2*T
MAN*GM*00008600079114011234
HL*4*3*I
LIN**UI*86000791234*UA*086000791234*PI*123456
SN1**10*CA**10*CA
PO4*20***PCS*****200
PID*F***Dummy Product Description
DTM*036*20270101
HL*5*3*I
LIN**UI*86000791234*UA*086000791234*PI*345678
SN1**20*CA**20*CA
PO4*12***PCS*****240
PID*F***Dummy Product Description
DTM*036*20270101
HL*6*3*I
LIN**UI*86000791234*UA*086000791234*PI*567890
SN1**10*CA**10*CA
PO4*15***PCS*****150
PID*F***Dummy Product Description
DTM*036*20270101
CTT*6
SE*42*1151
GE*1*1151
IEA*1*100000151
  
```

0001 – Pallet

PLT\*1 – Pallet Count  
 OR  
 CTN\*40 – Case Count

SSCC bar code

- 1 distinct SSCC for each physical pallet
- Grouping distinct SKU Quantities

## CVS Health Business Rules - Definitions

Any of the errors below will generate an 824 Application Advice which we send in real time along with the 997 Functional Acknowledgement

### Business Critical Rules

- These prevent the data from passing to the DC and/or the Database
  - o **We consider these ASNs MISSING** as they are not useable or loadable

| 824 Application Advice | Segment/Location                      | Additional Detail   |
|------------------------|---------------------------------------|---|
| HEADER                 | BSN03                                 | BSN03 exceeds allowable range BSN03                                       |
| SHIPMENT               | REF01                                 | REF01 required value is - BM  |
| ORDER                  | PRF                                   | PRF01 cannot contain alpha characters                                     |
| ORDER                  | REF                                   | REF segment must be present and contain either VR or VN                   |
| TARE                   | MAN                                   | MAN segment is required in the HL TARE loop if the HL PACK loop is absent |
| PACK                   | MAN                                   | MAN segment is required in the HL PACK loop if the HL TARE loop is absent |
| ITEM                   | LIN                                   | Qualifier 'PI' is not found within the item level LIN segment             |
| ITEM                   | PO401                                 | PO401 element is missing  |
| Global                 | LIN qualifiers<br>[UI,UD,ND,UA,UK,PI] | Cannot contain alpha characters   |

### Additional Validation Rules

- We utilize these elements for inbound visibility and analytics

| 824 Application Advice | Segment/Location | Rule Description   |
|------------------------|------------------|--|
| SHIPMENT               | TD102            | TD102 must be an integer greater than zero   |
| SHIPMENT               | TD502            | TD502 must be set to 2   |
| SHIPMENT               | TD503            | TD503 element must include SCAC  |
| SHIPMENT               | TD504            | TD504 element is missing   |
| SHIPMENT               | TD504            | TD504 allowed values are [A,AE,M,R,S,SR,U,X]   |
| SHIPMENT               | REF              | REF01 allowed values are [BM,CN,2I]  |
| SHIPMENT               | DTM              | DTM01 value 011 actual date shipped is missing   |
| SHIPMENT               | DTM              | DTM01 value 067 current scheduled delivery date is missing   |
| SHIPMENT               | FOB              | Must be present  |
| SHIPMENT               | FOB01            | FOB01 allowed values are [CC,PP,PB]  |
| SHIPMENT               | N1*ST Loop       | N104 when N102 = ST in the ASN does not match the 850  |
| SHIPMENT               |                  | Ship To [N101,N102,N301,N403] elements are missing   |
| SHIPMENT               | N1*SF Loop       | N103 when N102 = SF allowed values are [1,9,11]  |
| SHIPMENT               |                  | Ship From [N103, N301, N403] elements are missing  |
| ORDER                  | PRF04            | PRF04 element is missing   |
| PACK                   | LIN              | LIN02 allowed values are [UA,UK]   |
| ITEM                   | PO401            | PO401 in the ASN does not match the 850  |
| ITEM                   | PO404            | PO404 allowed value is [PCS]   |
| ITEM                   | PO418            | PO418 element is missing   |
| ITEM                   | PO418            | -When SN103 is 'CA', & the PO414 is null, then the PO418 must = SN102 * PO401.<br>-When SN103 is 'CA', and the PO414 is not null, then the PO418 must = SN102 * PO401 * PO414.<br>-When SN103 is 'EA' or 'PC', the PO418 must equal SN102.<br>-When SN103 is 'DZ', then the PO418 should equal 12 * SN102. |

## 824 – Application Advice Examples

### Business Critical example

```
ISA*00*00*ZZ*CVS856ASN*12*123456789*260220*1039*U*00401*000009319*0P^A
GS*AG*CVS856ASN*987654321*20260220*103936*9319*X*004010
ST*824*9319
BGN*44*000009319*20260220
N1*ZZ*123456789-987654321
OTI*TR*TN*16099248-1*****9319*9319*856
PER*AA*EDI HELP DESK*EM*EDI_ASN_ONBOARDING@CVSHEALTH.COM
TED*024*Business critical field REF segment not found*REF
NTE*APN*HL ORDER loop (HL01 = 2) REF01 element in the REF segment must be present and co
NTE*APN*ntain either VR or VN
SE*9*9319
GE*1*9319
IEA*1*000009319
```

### Generic error(s)

```
ISA*00*00*ZZ*CVS856ASN*12*123456789*260219*0858*U*00401*000000032*0P^A
GS*AG*CVS856ASN*987654321*20260219*0858*32*X*004010
ST*824*0001
BGN*44*101*20260219
N1*ZZ*123456789-987654321
OTI*TR*TN*256856*****101*0001*856
PER*AA*EDI HELP DESK*EM*EDI_ASN_ONBOARDING@CVSHEALTH.COM
TED*024*TD504 allowed values are [A,AE,M,R,S,SR,U,X]*TD5**04
NTE*APN*HL SHIPMENT (HL01 = 1)
TED*024*N103 when N102 = SF allowed values are [1,9,11]*N1**03
NTE*APN*HL SHIPMENT (HL01 = 1)
SE*10*0001
GE*1*32
IEA*1*000000032
```

## SCAC Code Consolidation for Preferred Carriers

In a world where we can receive >40 SCAC variations for a single carrier entity we are starting to look at being able to group inbound shipments more reliably. Please use the following:

| <b>PREFERRED CARRIERS</b>            | <b>TD503 Value</b> |
|--------------------------------------|--------------------|
| United Parcel Service, Inc. (UPS)    | UPSN               |
| FedEx Corporation                    | FDEG               |
| C.H. Robinson                        | RBTW               |
| RXO                                  | XPOL               |
| Koch Logistics                       | KSTS               |
| ABF Freight                          | ABFS               |
| Old Dominion                         | ODFL               |
| SAIA                                 | SAIA               |
| Estes Express Lines                  | EXLA               |
| A Duie Pyle                          | PYLE               |
| CVS Health Pick-Up / Carrier Unknown | CVSH               |

For other carriers, please use a SCAC code lookup and use a common code for either 'GROUND' or 'FREIGHT'