

841 Specifications/Technical Information

Dictionary: 4010

Header

Usage	Pos. No.	Seq. ID	Name	Max. Use
LOOP ID - SPI				
Mandatory	10	SPI	Specification Identifier	
Optional	20	NTE	Note/Special Instruction	>1
Optional	30	REF	Reference Identification	>1

Detail

Usage	Pos. No.	Seq. ID	Name	Max. Use
LOOP ID - HL				
Mandatory	40	HL	Hierarchical Level	
LOOP ID - SPI				
Optional	50	SPI	Specification Identifier	>1
Optional	60	PRT	Part Disposition	>1
Optional	70	MSG	Message Text	>1
LOOP ID - PID				
Optional	80	PID	Product/Item Description	>1
Optional	90	QTY	Quantity	>1
Optional	100	LOC	Location	1
Optional	110	REF	Reference Identification	>1

SEGMENT: SPI - Specification Identifier

Loop: 841.SPI
Usage: Mandatory

Usage	Ref. Des.	Name	Attributes
Mandatory	SPI01	786 - Security Level Code	ID 2/2
Optional	SPI02	128 - Reference Identification Qualifier PM Part Number	ID 2/3
Optional	SPI03	127 - Reference Identification	AN 1/30
Optional	SPI04	790 - Entity Title	AN 1/132
Optional	SPI06	792 - Entity Status Code	ID 1/1
Optional	SPI07	353 - Transaction Set Purpose Code	ID 2/2
Optional	SPI08	755 - Report Type Code BM Bill of Material	ID 2/2

SEGMENT: NTE - Note/Special Instruction

Loop: 841.SPI.NTE
Usage: Optional

Data Element Summary

<u>Usage</u>	<u>Ref. Des.</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	NTE02	352 - Description	AN 1/80

SEGMENT: REF - Reference Identification

Loop: 841.SPI.REF

Usage: Optional

Data Element Summary

<u>Usage</u>	<u>Ref. Des.</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	REF01	128 - Reference Identification Qualifier	ID 2/3
		89 Assembly Number	
		CA1 Casting Blockcode 1	
		CA2 Casting Blockcode 2	
		CA3 Casting Blockcode 3	
		CA4 Casting Blockcode 4	
		CA5 Casting Blockcode 5	
		CA6 Casting Blockcode 6	
		L9 Customer's Part Number	
		MJ Model Number	
		ZD Family Member Identification	
Optional	REF02	127 - Reference Identification	AN 1/30

SEGMENT: HL - Hierarchical Level

Loop: 841.HL

Usage: Mandatory

Data Element Summary

<u>Usage</u>	<u>Ref. Des.</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	HL01	628 - Hierarchical ID Number	AN 1/12
Optional	HL02	734 - Hierarchical Parent ID Number	AN 1/12
Mandatory	HL03	735 - Hierarchical Level Code	ID 1/2
		H Bill of Materials	

SEGMENT: SPI - Specification Identifier

Loop: 841.HL.SPI

Usage: Optional

Data Element Summary

<u>Usage</u>	<u>Ref. Des.</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	SPI01	786 - Security Level Code	ID 2/2
Optional	SPI02	128 - Reference Identification Qualifier	ID 2/3
		L1 Letters or Notes	
		PM Part Number	
		QP Substitute Part Number	
Optional	SPI03	127 - Reference Identification	AN 1/30
Optional	SPI04	790 - Entity Title	AN 1/132
Optional	SPI06	792 - Entity Status Code	ID 1/1
Optional	SPI07	353 - Transaction Set Purpose Code	ID 2/2
Optional	SPI08	755 - Report Type Code	ID 2/2
		BM Bill of Material	

SEGMENT: PRT - Part Disposition

Loop: 841.HL.SPI.PRT

Usage: Optional

Data Element Summary

<u>Usage</u>	<u>Ref. Des.</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	PRT01	1225 - Disposition Code	AN 3/3

SEGMENT: MSG - Message Text
Loop: 841.HL.SPI.MSG
Usage: Optional

Data Element Summary

<u>Usage</u>	<u>Ref. Des.</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	MSG01	933 - Free-Form Message Text	AN 1/264

SEGMENT: PID - Product/Item Description
Loop: 841.HL.PID
Usage: Optional

Data Element Summary

<u>Usage</u>	<u>Ref. Des.</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	PID01	349 - Item Description Type	ID 1/1
Optional	PID05	352 - Description	AN 1/80

SEGMENT: QTY - Quantity
Loop: 841.HL.PID.QTY
Usage: Optional

Data Element Summary

<u>Usage</u>	<u>Ref. Des.</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	QTY01	673 - Quantity Qualifier	ID 2/2
		01 Discrete Quantity	
		1N Scrap allowed	
		7G Replaced Amount	
Optional	QTY02	380 - Quantity	R 1/15

COMPOSITE: QTY03 - C001 - Composite Unit of Measure
Loop: 841.HL.PID.QTY.QTY03
Usage: Optional

Data Element Summary

<u>Usage</u>	<u>Ref. Des.</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	QTY0301	355 - Unit or Basis for Measurement Code	ID 2/2
		EA Each	
		P1 Percent	

SEGMENT: LOC - Location
Loop: 841.HL.PID.LOC
Usage: Optional

Data Element Summary

<u>Usage</u>	<u>Ref. Des.</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	LOC01	128 - Reference Identification Qualifier	ID 2/3
		MO Manufacturing Operation Number	

SEGMENT: REF - Reference Identification**Loop:** 841.HL.REF**Usage:** Optional

Data Element Summary			Attributes
<u>Usage</u>	<u>Ref. Des.</u>	<u>Name</u>	
Mandatory	REF01	128 - Reference Identification Qualifier	ID 2/3
		PC Production Code	
		PG Product Group	
		QP Replaced By Part	
		QX Part Replaces	
Optional	REF02	127 - Reference Identification	AN 1/30

A missing element or out-of-place character can cause an entire EDI transaction to be rejected. [Liaison EDI Notepad](#) is a free application your trading partners can use to validate their EDI transactions. The offending error is immediately identified with a visual highlight and, if desired, a detailed error report. Once the error is found, it's easily corrected using EDI Notepad's edit tools. All trading partners are encouraged to use [Liaison EDI Notepad](#) to validate their EDI files.