
Envelope Segments

Functional Group=

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ISA	Interchange Control Header	M	1			Must use
020	GS	Functional Group Header	M	1			Must use
030	GE	Functional Group Trailer	M	1			Must use
040	IEA	Interchange Control Trailer	M	1			Must use

ISA

Interchange Control Header

Pos: 010	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Must use	1
		<u>Code</u> <u>Name</u>					
		00 No Authorization Information Present (No Meaningful Information in I02)					
ISA02	I02	Authorization Information	M	AN	10/10	Must use	1
		<i>This field is not being used by Tenneco Automotive. Empty spaces or zeros must be entered as this field is space sensitive.</i>					
ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use	1
		<u>Code</u> <u>Name</u>					
		00 No Security Information Present (No Meaningful Information in I04)					
ISA04	I04	Security Information	M	AN	10/10	Must use	1
		<i>This field is not being used by Tenneco Automotive. Empty spaces or zeros must be entered as this field is space sensitive.</i>					
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use	1
		<u>Code</u> <u>Name</u>					
		14 Duns Plus Suffix					
ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use	1
		<i>The Sender ID will consist of the DUNS number plus a two character suffix.</i>					
		TEST:					
		<i>005036900LET - Transactions that originate from our RIDE CONTROL and ELASTOMER facilities.</i>					
		<i>005036900TAT - Transactions that originate from our EMISSION CONTROL facilities.</i>					
		PRODUCTION:					
		<i>005036900LE - Transactions that originate from our RIDE CONTROL and ELASTOMER facilities.</i>					
		<i>005036900TA - Transactions that originate from our EMISSION CONTROL facilities.</i>					
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use	1
		<u>Code</u> <u>Name</u>					
		01 Duns (Dun & Bradstreet)					
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use	1
		<i>Receiver DUNS number.</i>					
ISA09	I08	Interchange Date	M	DT	6/6	Must use	1
		<i>Date expressed as YYMMDD</i>					

ISA10	I09	Interchange Time	M	TM	4/4	Must use	1
ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1	Must use	1
		<u>Code</u> <u>Name</u>					
		U U.S. EDI Community of ASC X12, TDCC, and UCS					
<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Must use	1
		<u>Code</u> <u>Name</u>					
		00400 Standard Issued as ANSI X12.5-1997					
<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
ISA13	I12	Interchange Control Number	M	NO	9/9	Must use	1
ISA14	I13	Acknowledgment Requested	M	ID	1/1	Must use	1
		<u>Code</u> <u>Name</u>					
		0 No Acknowledgment Requested					
<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
ISA15	I14	Usage Indicator	M	ID	1/1	Must use	1
		<u>Code</u> <u>Name</u>					
		P Production Data					
		T Test Data					
<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
ISA16	I15	Component Element Separator	M		1/1	Must use	1
		<i>The component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator</i>					

GS

Functional Group Header

Pos: 020	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
GS01	479	Functional Identifier Code	M	ID	2/2	Must use	1
		<u>Code</u> <u>Name</u>					
		AG Application Advice (824)					
		FA Functional Acknowledgment (997)					
		PS Planning Schedule with Release Capability (830)					
		SH Ship Notice/Manifest (856)					
		SS Shipping Schedule (862)					
Ref	Id	Element Name	Req	Type	Min/Max	Usage	Repetition
GS02	142	Application Sender's Code	M	AN	2/15	Must use	1
		<i>The Sender Code will consist of the DUNS number plus a two character suffix.</i>					
		<i>005036900LE - Transactions that originate from our RIDE CONTROL and ELASTOMER facilities.</i>					
		<i>005036900TA - Transactions that originate from our EMISSION CONTROL facilities.</i>					
GS03	124	Application Receiver's Code	M	AN	2/15	Must use	1
		<i>Receiver DUNS number.</i>					
GS04	373	Date	M	DT	8/8	Must use	1
		<i>Date expressed as CCYYMMDD</i>					
GS05	337	Time	M	TM	4/8	Must use	1
GS06	28	Group Control Number	M	NO	1/9	Must use	1
		<i>Assigned number originated and maintained by the sender</i>					
GS07	455	Responsible Agency Code	M	ID	1/2	Must use	1
		<u>Code</u> <u>Name</u>					
		X Accredited Standards Committee X12					
Ref	Id	Element Name	Req	Type	Min/Max	Usage	Repetition
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Must use	1
		<u>Code</u> <u>Name</u>					
		004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997					

GE**Functional Group Trailer**

Pos: 030	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
GE01	97	Number of Transaction Sets Included <i>Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element</i>	M	N0	1/6	Must use	1
GE02	28	Group Control Number <i>Assigned number originated and maintained by the sender</i>	M	N0	1/9	Must use	1

IEA**Interchange Control Trailer**

Pos: 040	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
IEA01	I16	Number of Included Functional Groups <i>A count of the number of functional groups included in an interchange</i>	M	N0	1/5	Must use	1
IEA02	I12	Interchange Control Number <i>A control number assigned by the interchange sender</i>	M	N0	9/9	Must use	1