International Automotive Components

International Automotive Components Group, North America

HEADER & TRAILER
Interchange and Group Header and Trailer Version 3010

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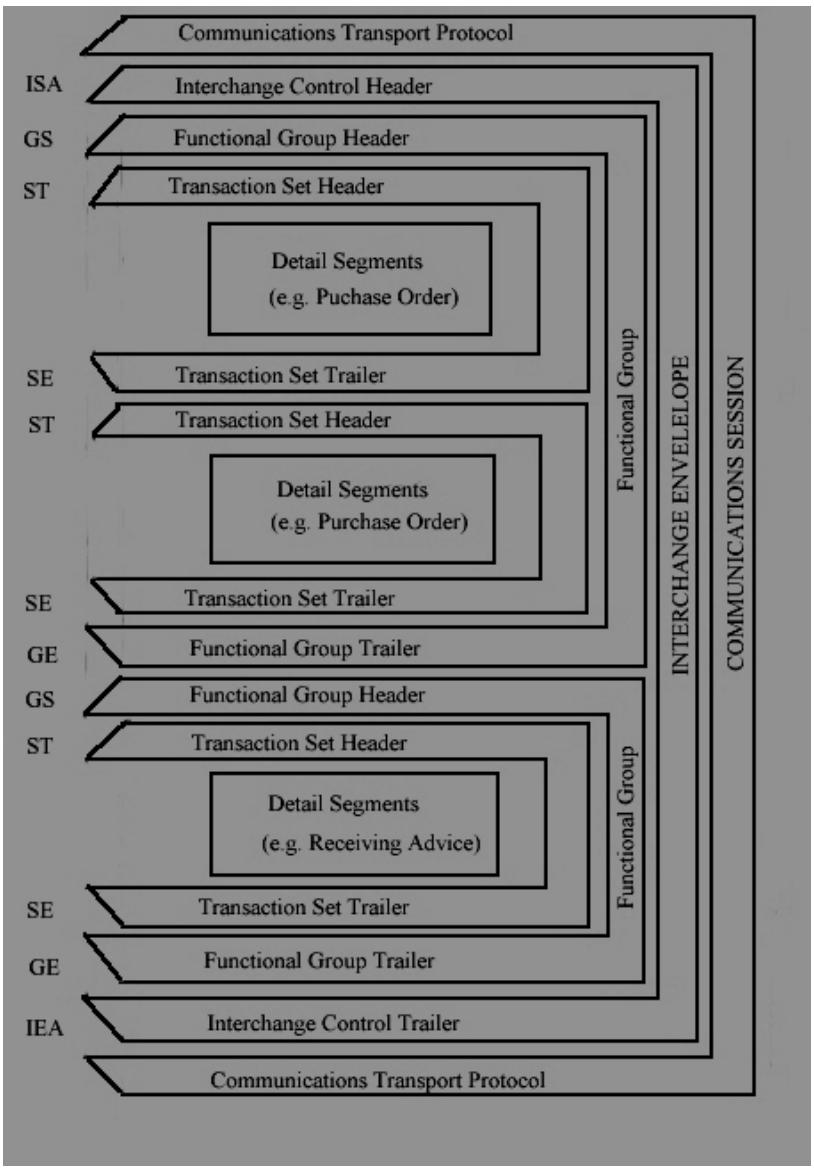
Interchange and Group Header and Trailer Version 3010

ISA	Interchange Control Header
GS	Functional Group Header
GE	Functional Group Trailer
IEA	Interchange Control Trailer



Segment: **ISA Interchange Control Header**
Position: 010
Loop:
Level: Header
Usage: Mandatory
Max Use: 1
Purpose: Marks the beginning of the transmission and provides the sender/receiver identification.
Example:
```
ISA*00*          *00*          *01*054318936
*01*123456789      *020801*0900*U*00400*00000012* 0* T*>
```
Comments:

Data Element Summary

Ref. Des.	*Data Element*	*Name*	*Attributes*
ISA01	I01	Authorization Information Qualifier • 00 - Not Used	M ID 2/ 2
ISA02	I02	Authorization Information	M AN 10/ 10
ISA03	I03	Security Information Qualifier • 00 - Not Used	M ID 2/ 2
ISA04	I04	Security Information	M AN 10/ 10
ISA05	I05	Interchange ID Qualifier Sender ID Qualifier • 01 - Duns (Dun & Bradstreet) • ZZ - Mutually Defined	M ID 2/ 2
ISA06	I06	Interchange Sender ID	M AN 15/ 15
ISA07	I05	Interchange ID Qualifier. Receiver ID Qualifier. Same Qualifiers as ISA05	M ID 2/ 2
ISA08	I07	Interchange Receiver ID	M AN 15/ 15
ISA09	I08	Interchange Date	M DT 6/ 6
ISA10	I09	Interchange Time	M TM 4/ 4
ISA11	I10	Interchange Control Standards Identifier. • U - U. S. EDI Community of ASC X12, TDCC and UCS	M ID 1/ 1
ISA12	I11	Interchange Control Version Number This version number covers the interchange control segments. • 00200 - Standard issued as ANSI X12.5 -1987 • 00300 - Standard issued as ANSI X12.5 -1992 • 00400 - Standard issued as ANSI X12.5 -1997	M ID 5/ 5
ISA13	I12	Interchange Control Number This number uniquely identifies the interchange data to the sender.	M N0 9/ 9
ISA14	I13	Acknowledgement Requested • 0 - No acknowledgement requested. • 1 - Interchange acknowledgement requested.	M ID 1/ 1
ISA15	I14	Usage Indicator Code to indicate whether data enclosed by this interchange envelope is test or production. • T - Test • P – Production	M ID 1/ 1
ISA16	I16	Component Element Separator 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. • >	M AN 1/ 1

Segment: **GS Segment Functional Group Header**
Position: 020
Loop:
Level: Header
Usage: Mandatory
Max Use: 1
Purpose: Marks the beginning of the functional group and provides the sender/receiver identification.
Example: `GS*IN*054318936*123456789*020801*0900*12*X*003010`
Comments:

Data Element Summary

Ref. Des.	***Data Element***	***Name***	***Attributes***
GS01	0479	Code Identifying Information Type Corresponding functional group. FA - Functional Acknowledgements PS - Planning Schedule with Release Capability SH - Ship Notice / Manifest SS - Shipping Schedule	M ID 2/ 2
GS02	0142	Sender ID Code Sender's ID Code	M AN 2/ 12
GS03	0124	Receiver ID Code Receiver's ID Code	M AN 2/ 12
GS04	0373	Date Transmission Date.	M DT 6/6
GS05	0337	Time Transmission Time.	M TM 4/ 4
GS06	0028	Group Control Number	M N0 1/ 9
GS07	0455	Transaction Type Code Responsible Agency Code. • X - ANSI X-12	M ID 1/ 2
GS08	0480	Version and Release X-12 versions and release • 003010 – Version 3, Release 1	M AN 1/ 12

Segment: **GE Segment Functional Group Trailer**
Position: 020
Loop:
Level: Trailer
Usage: Mandatory
Max Use: 1
Purpose: Marks the ending of the functional group and provides the sender/ receiver identification
Example: `GE* 1* 12`
Comments:

Data Element Summary

Ref. Des.	***Data Element***	***Name***	***Attributes***
GE01	0097	Number of Included Sets Number of transaction sets in functional group.	M N0 1/ 6
GE02	0028	Group Control Number Functional group control number. Should match what was sent in GS06.	M N0 1/ 9

Segment: **IEA Interchange Control Trailer**
Position: 040
Loop:
Level: Trailer
Usage: Mandatory
Max Use: 1
Purpose: Marks the ending of the functional group and provides the sender/ receiver identification.
Example: `IEA* 1* 000000012`
Comments:

Data Element Summary

Ref. Des.	***Data Element***	***Name***	***Attributes***
IEA01	I16	Number of Functional Groups in Transmission Number of Functional Groups in Transmission	M N0 1/ 5
IEA02	I12	Transmission Control Number Control Number should match ISA13.	M N0 9/ 9