



214 Motor Carrier Status

X12 Version 4010
Inbound to Advance Auto

Version: 2.0

Author: Advance Auto Parts
Company: Advance Auto Parts
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Publication Record

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1.01	8/4/11	Advance Auto Parts	Initial release of version 1.01
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214

Transportation Carrier Shipment Status Message

Functional Group=QM

Not Defined:

<u>Page</u>	<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>
2		ISA	Interchange Control Header	M	1			Must use
4		GS	Functional Group Header	M	1			Must use

Heading:

<u>Page</u>	<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>
5	010	ST	Transaction Set Header	M	1			Must use
6	020	B10	Beginning Segment for Transportation Carrier Shipment Status Message	M	1			Must use

7	LOOP ID - 0200					999999		
8	130	LX	Assigned Number	O	1			Used
9	LOOP ID - 0205					10		
10	140	AT7	Shipment Status Details	O	1			Must use
12	150	L11	Business Instructions and Reference Number	O	10			Used
13	610	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

<u>Page</u>	<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>
14		GE	Functional Group Trailer	M	1			Must use
i		IEA	Interchange Control Trailer	M	1			Must use

ISA Interchange Control Header

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

User Option (Usage): Must use

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

The following segments may be sent but will not be utilized by Advance Auto Parts.

- L11 segment at position 030*
- N1 segment at position 050*
- N3 segment at position 070*
- N4 segment at position 080*
- MS1 segment at position 143*
- MS2 segment at position 146*
- Q7 segment at position 160*

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>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Must use
		<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
		<i>10 Spaces</i>				
ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use
		<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
		<i>10 Spaces</i>				
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use
ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		01 Duns (Dun & Bradstreet)				
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use
		<i>The Advance Auto Parts Interchange ID is: Production: 007941529 Test: 007941529T</i>				
ISA09	I08	Interchange Date	M	DT	6/6	Must use
		<i>Date of Interchange (YYMMDD)</i>				
ISA10	I09	Interchange Time	M	TM	4/4	Must use
		<i>Time of Interchange (HHMM)</i>				
ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1	Must use

ISA12 I11 **Interchange Control Version Number** M ID 5/5 Must use

<u>Code</u>	<u>Name</u>
00401	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997

ISA13 I12 **Interchange Control Number** M NO 9/9 Must use

The control number in this data element must be identical to the control number provided in the associated Interchange Control trailer (IEA02)

ISA14 I13 **Acknowledgment Requested** M ID 1/1 Must use

<u>Code</u>	<u>Name</u>
0	No Acknowledgment Requested

ISA15 I14 **Usage Indicator** M ID 1/1 Must use

<u>Code</u>	<u>Name</u>
P	Production Data
T	Test Data

ISA16 I15 **Component Element Separator** M 1/1 Must use

<i>Type</i>	<i>HEX</i>	<i>ASCII</i>
<i>Data Element Separator</i>	2A	*
<i>Segment Terminator</i>	7E	~
<i>Component Element Separator</i>	3C	<

GS Functional Group Header

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

User Option (Usage): Must use

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

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

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>
GS01	479	Functional Identifier Code	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		QM Transportation Carrier Shipment Status Message (214)				
GS02	142	Application Sender's Code	M	AN	2/15	Must use
GS03	124	Application Receiver's Code	M	AN	2/15	Must use
		<i>The Advance Auto Parts GS ID is: Production: 007941529 Test: 007941529T</i>				
GS04	373	Date	M	DT	8/8	Must use
		<i>Group Date (CCYYMMDD)</i>				
GS05	337	Time	M	TM	4/8	Must use
		<i>Group Time (HHMM)</i>				
GS06	28	Group Control Number	M	NO	1/9	Must use
		<i>The control number in this data element must be identical to the control number provided in the associated GE Control Trailer (GE02)</i>				
GS07	455	Responsible Agency Code	M	ID	1/2	Must use
		<u>Code</u> <u>Name</u>				
		X Accredited Standards Committee X12				
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Must use
		<u>Code</u> <u>Name</u>				
		004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997				

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

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>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use

The control number in this data element must be identical to the control number provided in the associated SE Control trailer (SE02)

B10 Beginning Segment for Transportation Carrier Shipment Status Message

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

User Option (Usage): Must use

Purpose: To transmit identifying numbers and other basic data relating to the transaction set

Syntax Rules:

1. R0106 - At least one of B1001 or B1006 is required.
2. E0105 - Only one of B1001 or B1005 may be present.
3. P0506 - If either B1005 or B1006 is present, then the other is required.

Semantics:

1. B1001 is the carrier assigned reference number.
2. B1007 indicates if the reference numbers included in this transmission were transmitted to the carrier via EDI or key entered by the carrier. A "Y" indicates that the carrier received the reference numbers in an EDI transmission; an "N" indicates that the carrier did not receive the reference numbers in an EDI transmission and key entered the data from a shipper supplied document.

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>
B1001	127	Reference Identification	X	AN	1/30	Recommended
<i>Please provide the Carrier PRO Number on every 214 transaction.</i>						
B1002	145	Shipment Identification Number	O	AN	1/30	Used
<i>Please return the Advance Auto Parts internal identifying number as provided in 204 Load Tender's B2 04. The number is expected to start with "BOLND".</i>						
B1003	140	Standard Carrier Alpha Code	M	ID	2/4	Must use

Loop Assigned Number

Pos: 130	Repeat: 999999
Optional	
Loop: 0200 Elements: N/A	

User Option (Usage): Must use

Purpose: To reference a line number in a transaction set

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
130	LX	Assigned Number	O	1		Used
140		Loop 0205	O		10	Must use
150	L11	Business Instructions and Reference Number	O	10		Used

LX Assigned Number

Pos: 130	Max: 1
Heading - Optional	
Loop: 0200	Elements: 1

User Option (Usage): Used

Purpose: To reference a line number in a transaction set

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>
LX01	554	Assigned Number	M	NO	1/6	Must use

Loop Shipment Status Details

Pos: 140	Repeat: 10
Optional	
Loop: 0205	Elements: N/A

User Option (Usage): Must use

Purpose: To specify the status of a shipment, the reason for that status, the date and time of the status and the date and time of any appointments scheduled.

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
140	AT7	Shipment Status Details	O	1		Must use

AT7 Shipment Status Details

Pos: 140	Max: 1
Heading - Optional	
Loop: 0205	Elements: 7

User Option (Usage): Must use

Purpose: To specify the status of a shipment, the reason for that status, the date and time of the status and the date and time of any appointments scheduled.

Syntax Rules:

1. E0103 - Only one of AT701 or AT703 may be present.
2. P0102 - If either AT701 or AT702 is present, then the other is required.
3. P0304 - If either AT703 or AT704 is present, then the other is required.
4. C0605 - If AT706 is present, then AT705 is required.
5. C0706 - If AT707 is present, then AT706 is required.

Semantics:

1. If AT701 is present, AT705 is the date the status occurred. If AT703 is present, AT705 is a date related to an appointment.
2. If AT701 is present, AT706 is the time of the status. If AT703 is present, AT706 is the time of the appointment.
3. If AT707 is not present then AT706 represents local time of the status.

Throughout the transport cycle Advance Auto Parts expects to receive all six events as listed in the AT7 01 and AT7 03 element notes.

Additionally, Advance Auto Parts expects the status events to be sent within 90 minutes of the event.

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>
AT701	1650	Shipment Status Code	X	ID	2/2	Used

While any valid X12 code may be sent the following are expected by Advance Auto Parts:

On the pickup:

AF = Carrier departed pickup location with shipment

X3 = Arrived at Pick up location

On the delivery:

CD = carrier departed delivery location

X1 = Arrived at delivery location

AT702	1651	Shipment Status or Appointment Reason Code	X	ID	2/2	Used
-------	------	---	---	----	-----	------

AT703	1652	Shipment Appointment Status Code	X	ID	2/2	Used
-------	------	---	---	----	-----	------

While any valid X12 code may be sent the following are expected by Advance Auto Parts:

AA = Pickup appointment

AB = Delivery appointment

Code

Name

AA Pick-up Appointment Date and/or Time

AB Delivery Appointment Date and/or Time

AT704	1651	Shipment Status or Appointment Reason Code	X	ID	2/2	Used
-------	------	---	---	----	-----	------

AT705	373	Date	X	DT	8/8	Used
-------	-----	-------------	---	----	-----	------

Status Date (CCYYMMDD)

AT706	337	Time	X	TM	4/8	Used
		<i>Status Time (HHMM)</i>				
AT707	623	Time Code	O	ID	2/2	Used

L11 Business Instructions and Reference Number

Pos: 150	Max: 10
Heading - Optional	
Loop: 0200	Elements: 3

User Option (Usage): Used

Purpose: To specify instructions in this business relationship or a reference number

Syntax Rules:

1. R0103 - At least one of L1101 or L1103 is required.
2. P0102 - If either L1101 or L1102 is present, then the other is required.

*One iteration of the L11 segment with L11 02 = 'QN' is required.
A second iteration of the L11 segment with L11 02 = 'PO' is recommended.*

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>
L1101	127	Reference Identification	X	AN	1/30	Used
L1102	128	Reference Identification Qualifier	X	ID	2/3	Used
<i>While any valid X12 code may be sent only the below codes will be applied:</i>						
<i>QN Stop Sequence Number</i>						
<i>PO Purchase Order Number</i>						
L1103	352	Description	X	AN	1/80	Used

SE Transaction Set Trailer

Pos: 610	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) 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>
SE01	96	Number of Included Segments	M	NO	1/10	Must use
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use

The control number in this data element must be identical to the control number provided in the associated ST Control Header (ST02)

GE Functional Group Trailer

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

User Option (Usage): Must use

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

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

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>
GE01	97	Number of Transaction Sets Included	M	N0	1/6	Must use
GE02	28	Group Control Number	M	N0	1/9	Must use

The control number in this data element must be identical to the control number provided in the associated GS Control Header (GS02)

IEA Interchange Control Trailer

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

User Option (Usage): Must use

Purpose: 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>
IEA01	I16	Number of Included Functional Groups	M	NO	1/5	Must use
IEA02	I12	Interchange Control Number	M	NO	9/9	Must use

The control number in this data element must be identical to the control number provided in the associated Interchange Control Header (ISA02).