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204 Motor Carrier Load Tender

**X12 Version 4010
Outbound from Advance Auto**

Version: 2.0

**Author: Advance Auto Parts
Company: Advance Auto Parts
Publication: 2/16/16**

Publication Record

Rev.	Date	Author Name	Description
1.01	8/4/11	Advance Auto Parts	Initial release of version 1.01
2.0	2/117/16	AAP Supply Chain Reliability	Initial release of version 2.0 Reformatted spec and added clarification notes

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204

Motor Carrier Load Tender

Functional Group=**SM**

Not Defined:

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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	B2	Beginning Segment for Shipment Information Transaction	M	1			Must use
7	030	B2A	Set Purpose	M	1			Must use

Detail:

<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>
8		LOOP ID - 0300				999		
9	010	S5	Stop Off Details	M	1			Must use
10	020	L11	Business Instructions and Reference Number	O	50			Used
11	030	G62	Date/Time	O	2		N2/030	Must use
12	040	AT8	Shipment Weight, Packaging and Quantity Data	O	1		N2/040	Used
13		LOOP ID - 0310				1		
14	070	N1	Name	O	1			Must use
15	090	N3	Address Information	O	2			Must use
16	100	N4	Geographic Location	O	1			Must use
17	120	G61	Contact	O	3			Must use

Summary:

<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>
18	010	L3	Total Weight and Charges	O	1			Must use
19	020	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>
20		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

Advance Auto Expects a 990 Response to the Load Tender within two hours of the 204 Load Tender generation or Advance Auto will issue a 204 Load Tender with a cancel purpose code.

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
		Code		Name		
		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
		Code		Name		
		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
		Code		Name		
		01		Duns (Dun & Bradstreet)		
ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use
		<i>The Advance Auto Parts Interchange ID is: Production: 007941529 Test: 007941529T</i>				
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use
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
		Code		Name		
		00401		Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997		

ISA13	I12	Interchange Control Number	M	N0	9/9	Must use
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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>				
		SM Motor Carrier Load Tender (204)				
GS02	142	Application Sender's Code	M	AN	2/15	Must use
		<i>The Advance Auto Parts GS ID is: Production: 007941529 Test: 007941529T</i>				
GS03	124	Application Receiver's Code	M	AN	2/15	Must use
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

B2 Beginning Segment for Shipment Information Transaction

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

User Option (Usage): Must use

Purpose: To transmit basic data relating to shipment information

Semantics:

1. B202 contains the Standard Carrier Alpha Code (SCAC) of the carrier that will receive the bill of lading.
2. If B211 is used, B206 will indicate the party or parties responsible for payment of the transportation terms identified in B211.

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>
B202	140	Standard Carrier Alpha Code	O	ID	2/4	Must use
B204	145	Shipment Identification Number	O	AN	1/30	Must use
<i>An internal identifying number created by Advance Auto systems that must be returned on the 990 and 214</i>						
B206	146	Shipment Method of Payment	M	ID	2/2	Must use

<u>Code</u>	<u>Name</u>
CC	Collect
NC	Service Freight, No Charge

B2A Set Purpose

Pos: 030	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To allow for positive identification of transaction set purpose

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>
B2A01	353	Transaction Set Purpose Code	M	ID	2/2	Must use
		<u>Code</u>		<u>Name</u>		
		00		Original		
		01		Cancellation		
		05		Replace		
B2A02	346	Application Type	O	ID	2/2	Used
		<u>Code</u>		<u>Name</u>		
		LT		Load Tender - Truckload (TL) Carrier Only		

Loop Stop Off Details

Pos: 010	Repeat: 999
Mandatory	
Loop: 0300	Elements: N/A

User Option (Usage): Must use

Purpose: To specify stop-off detail reference numbers and stop reason

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>
010	S5	Stop Off Details	M	1		Must use
020	L11	Business Instructions and Reference Number	O	50		Used
030	G62	Date/Time	O	2		Must use
040	AT8	Shipment Weight, Packaging and Quantity Data	O	1		Used
070		Loop 0310	O		1	Must use

S5 Stop Off Details

Pos: 010	Max: 1
Detail - Mandatory	
Loop: 0300	Elements: 2

User Option (Usage): Must use

Purpose: To specify stop-off detail reference numbers and stop reason

Syntax Rules:

1. P0304 - If either S503 or S504 is present, then the other is required.
2. P0506 - If either S505 or S506 is present, then the other is required.
3. P0708 - If either S507 or S508 is present, then the other is required.

Semantics:

1. S509 is the stop reason description.

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>
S501	165	Stop Sequence Number	M	N0	1/3	Must use
S502	163	Stop Reason Code	M	ID	2/2	Must use

<u>Code</u>	<u>Name</u>
CL	Complete
CU	Complete Unload
PL	Part Load
PU	Part Unload

L11 Business Instructions and Reference Number

Pos: 020	Max: 50
Detail - Optional	
Loop: 0300	Elements: 2

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.

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
		<u>Code</u>		<u>Name</u>		
		PO		Purchase Order Number		

G62 Date/Time

Pos: 030	Max: 2
Detail - Optional	
Loop: 0300	Elements: 5

User Option (Usage): Must use
Purpose: To specify pertinent dates and times

Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

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>
G6201	432	Date Qualifier	X	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		10 Requested Ship Date/Pick-up Date				
		68 Requested Delivery Date				
G6202	373	Date	X	DT	8/8	Must use
		<i>CCYYMMDD</i>				
G6203	176	Time Qualifier	X	ID	1/2	Must use
		<u>Code</u> <u>Name</u>				
		Z Requested Delivery Time				
G6204	337	Time	X	TM	4/8	Must use
		<i>HHMM</i>				
G6205	623	Time Code	O	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		LT Local Time				

AT8 Shipment Weight, Packaging and Quantity Data

Pos: 040	Max: 1
Detail - Optional	
Loop: 0300	Elements: 4

User Option (Usage): Used

Purpose: To specify shipment details in terms of weight, and quantity of handling units

Syntax Rules:

1. P010203 - If either AT801, AT802 or AT803 are present, then the others are required.
2. P0607 - If either AT806 or AT807 is present, then the other is required.

Semantics:

1. AT804 is the quantity of handling units that are not unitized (for example a carton). When added to the quantity in AT805, it is the total quantity of handling units in the shipment.
2. AT805 is the quantity of handling units that are unitized (for example on a pallet or slip sheet). When added to the quantity in AT804 it is the total quantity of handling units for the shipment.

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>
AT801	187	Weight Qualifier	X	ID	1/2	Must use
		<u>Code</u>				
		G				Gross Weight
		L				Legal Weight
AT802	188	Weight Unit Code	X	ID	1/1	Must use
		<u>Code</u>				
		L				Pounds
AT803	81	Weight	X	R	1/10	Must use
AT804	80	Lading Quantity	O	N0	1/7	Must use

Loop Name

Pos: 070	Repeat: 1
Optional	
Loop: 0310	Elements: N/A

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

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>
070	N1	Name	O	1		Must use
090	N3	Address Information	O	2		Must use
100	N4	Geographic Location	O	1		Must use
120	G61	Contact	O	3		Must use

N1 Name

Pos: 070	Max: 1
Detail - Optional	
Loop: 0310	Elements: 4

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

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>						
N101	98	Entity Identifier Code	M	ID	2/3	Must use						
		<table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>SF</td> <td>Ship From</td> </tr> <tr> <td>ST</td> <td>Ship To</td> </tr> </table>	<u>Code</u>	<u>Name</u>	SF	Ship From	ST	Ship To				
<u>Code</u>	<u>Name</u>											
SF	Ship From											
ST	Ship To											
N102	93	Name	X	AN	1/60	Must use						
N103	66	Identification Code Qualifier	X	ID	1/2	Must use						
		<table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>ZZ</td> <td>Mutually Defined</td> </tr> </table>	<u>Code</u>	<u>Name</u>	ZZ	Mutually Defined						
<u>Code</u>	<u>Name</u>											
ZZ	Mutually Defined											
N104	67	Identification Code	X	AN	2/80	Must use						

N3 Address Information

Pos: 090	Max: 2
Detail - Optional	
Loop: 0310	Elements: 2

User Option (Usage): Must use
Purpose: To specify the location of the named party

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>
N301	166	Address Information	M	AN	1/55	Must use
N302	166	Address Information	O	AN	1/55	Used

N4 Geographic Location

Pos: 100	Max: 1
Detail - Optional	
Loop: 0310	Elements: 4

User Option (Usage): Must use

Purpose: To specify the geographic place of the named party

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

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>
N401	19	City Name	O	AN	2/30	Must use
N402	156	State or Province Code	O	ID	2/2	Must use
N403	116	Postal Code	O	ID	3/15	Must use
N404	26	Country Code	O	ID	2/3	Must use

G61 Contact

Pos: 120	Max: 3
Detail - Optional	
Loop: 0310	Elements: 4

User Option (Usage): Must use

Purpose: To identify a person or office to whom communications should be directed

Syntax Rules:

1. P0304 - If either G6103 or G6104 is present, then the other is required.

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>
G6101	366	Contact Function Code	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		DC Delivery Contact				
		SH Shipper Contact				
G6102	93	Name	M	AN	1/60	Must use
G6103	365	Communication Number Qualifier	X	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		TE Telephone				
G6104	364	Communication Number	X	AN	1/80	Must use

L3 Total Weight and Charges

Pos: 010	Max: 1
Summary - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Must use

Purpose: To specify the total shipment in terms of weight, volume, rates, charges, advances, and prepaid amounts applicable to one or more line items

Syntax Rules:

1. P0102 - If either L301 or L302 is present, then the other is required.
2. P0304 - If either L303 or L304 is present, then the other is required.
3. P0910 - If either L309 or L310 is present, then the other is required.
4. C1201 - If L312 is present, then L301 is required.
5. P1415 - If either L314 or L315 is present, then the other is required.

Semantics:

1. L305 is the total charges.

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>
L301	81	Weight	X	R	1/10	Must use
L302	187	Weight Qualifier	X	ID	1/2	Must use
		<u>Code</u>				
		G				
		<u>Name</u>				
		Gross Weight				
L311	80	Lading Quantity	O	N0	1/7	Must use

SE	Transaction Set Trailer	Pos: 020	Max: 1
		Summary - 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).