

824 Application Advice

Functional Group ID=**AG**

Transaction Layout:

Heading:

<u>ARM Req.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Examples</u>
Required	010	ST	Transaction Set Header	M	1		
Required	020	BGN	Beginning Segment	M	1		
						>1	
Required	030	N1	Name	O	1		
Required ³	070	REF	Reference Identification	O	12		
	080	PER	Administrative Communications Contact	O	3		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Examples</u>
						>1	
Required	010	OTI	Original Transaction Identification	M	1		n1
Required ³	020	REF	Reference Identification	O	12		n2
Required	030	DTM	Date/Time Reference	O	2		n3
	040	PER	Administrative Communications Contact	O	3		n4
	050	AMT	Monetary Amount	O	>1		n5
	060	QTY	Quantity	O	>1		n6
						>1	
Required	070	TED	Technical Error Description	O	1		
	080	NTE	Note/Special Instruction	O	100		
Required	090	SE	Transaction Set Trailer	M	1		

ArvinMeritor Segment/Element Usage Notes

1. For Segment requirements, refer to the column titled "ARM Req." in the table above for those segments that are required in the transaction.
2. For Element requirements, refer to the column titled "ARM Req." in the element tables for each segment detailed in the pages that follow. If the segment is used, then these elements are required.
3. For the REF segments, at least one occurrence of the REF segment must occur at either the Header or Detail level indicating the Shipment ID Number (SID) for the ASN in question (REF01='SI')

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Examples: ST*824*431~

Data Element Summary

<u>ARM</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Req.</u>	<u>Des.</u>	<u>Element</u>		
Required	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 824 Application Advice	M ID 3/3
Required	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

Segment: **BGN** Beginning Segment
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a transaction set
Semantic Notes:

- 1 BGN02 is the transaction set reference number.
- 2 BGN03 is the transaction set date.
- 3 BGN04 is the transaction set time.

Examples: BGN*11*23482*20030607*1614~

Data Element Summary

<u>ARM</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Req.</u>	<u>Des.</u>	<u>Element</u>		
Required	BGN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original 11 Response	M ID 2/2
Required	BGN02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>A unique number generated by the receiver of the original document.</i>	M AN 1/30
Required	BGN03	373	Date Date expressed as CCYYMMDD <i>Local Application Advice creation date.</i>	M DT 8/8
Required	BGN04	337	Time Time expressed in 24-hour clock time as follows: HHMM <i>Local Application Advice creation time.</i>	X TM 4/8

Segment: N1 Name
Position: 030
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.

Examples: N1*ST*ARM Franklin*1*066344092~
 N1*Sf**92*V38328~
 N1*SU**ZZ*008328~

Data Element Summary

ARM Req. Required	Ref. Des. N101	Data Element 98	Name Entity Identifier Code	Attributes M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			SF Ship From	
			ST Ship To	
			SU Supplier/Manufacturer	
	N102	93	Name	X AN 1/60
			Free-form name	
Required	N103	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			1 D-U-N-S Number, Dun & Bradstreet	
			12 Telephone Number (Phone)	
			92 Assigned by Buyer or Buyer's Agent	
			ZZ Mutually Defined	
Required	N104	67	Identification Code	X AN 2/80
			Code identifying a party or other code	
			<i>If N101 = "SF" use Shippers DUNS Number or code.</i> <i>If N101 = "ST" Use ArvinMeritor DUNS Number or code for receiving plant.</i> <i>If N101 = "SU" Use DUNS Number or code for the plant to which this part was released to.</i>	

Segment: **REF** Reference Identification
Position: 070
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 12
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.

Examples: REF*BM*043879~
 REF*KB*K119887~

Data Element Summary

<u>ARM</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
Required	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
			AW Air Waybill Number	
			BM Bill of Lading Number	
			KB Beginning Kanban Serial Number	
			MB Master Bill of Lading	
			PM Part Number	
			SI Shipper's Identifying Number for Shipment (SID) A unique number (to the shipper) assigned by the shipper to identify the shipment	
Required	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Segment: **PER** Administrative Communications Contact
Position: 080
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes: 1 If either PER03 or PER04 is present, then the other is required.
Examples: PER*CN*JOE SMITH*TE*248-555-3673~

Data Element Summary

<u>ARM</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Req.</u>	<u>Des.</u>	<u>Element</u>		
Required	PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named BD Buyer Name or Department CN General Contact	M ID 2/2
	PER02	93	Name Free-form name	O AN 1/60
	PER03	365	Communication Number Qualifier Code identifying the type of communication number FX Facsimile TE Telephone	X ID 2/2
	PER04	364	Communication Number Complete communications number including country or area code when applicable	X AN 1/80

Segment: **OTI** Original Transaction Identification
Position: 010
Loop: OTI Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result
Semantic Notes: 1 OTI03 is the primary reference identification or number used to uniquely identify the original transaction set.
Examples: OTI*TR*SI*837363~

Data Element Summary

<u>ARM</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Req.</u>	<u>Des.</u>	<u>Element</u>		
Required	OTI01	110	Application Acknowledgment Code Code indicating the application system edit results of the business data	M ID 1/2
			IA Item Accept	
			IE Item Accept with Error	
			IR Item Reject	
			TA Transaction Set Accept	
			TE Transaction Set Accept with Error	
			TR Transaction Set Reject	
Required	OTI02	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
			SI Shipper's Identifying Number for Shipment (SID) A unique number (to the shipper) assigned by the shipper to identify the shipment	
Required	OTI03	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>Shipper ID number from original shipment.</i>	M AN 1/30

Segment: **REF** Reference Identification
Position: 020
Loop: OTI Mandatory
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.

Examples: REF*BM*736482~

Data Element Summary

<u>ARM</u> <u>Req.</u> Required	<u>Ref.</u> <u>Des.</u> REF01	<u>Data</u> <u>Element</u> 128	<u>Name</u> Reference Identification Qualifier	<u>Attributes</u> M ID 2/3
			Code qualifying the Reference Identification	
			AW Air Waybill Number	
			BM Bill of Lading Number	
			KB Beginning Kanban Serial Number	
			MB Master Bill of Lading	
			PM Part Number	
			SI Shipper's Identifying Number for Shipment (SID)	
			A unique number (to the shipper) assigned by the shipper to identify the shipment	
	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: **DTM** Date/Time Reference
Position: 030
Loop: OTI Mandatory
Level: Detail
Usage: Optional (Must Use)
Max Use: 2
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.

Examples: DTM*011*20030604*1402~
 DTM*009*20030605*1356~

Data Element Summary

<u>ARM</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
Required	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 009 Process 011 Shipped	M ID 3/3
Required	DTM02	373	Date Date expressed as CCYYMMDD	X DT 8/8
Required	DTM03	337	Time Time expressed in 24-hour clock time as follows: HHMM	X TM 4/8
	DTM04	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2

Segment: **PER** Administrative Communications Contact
Position: 040
Loop: OTI Mandatory
Level: Detail
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes: 1 If either PER03 or PER04 is present, then the other is required.
Examples: PER*CN*JOHN ADAMS*TE*248-555-3883~

Data Element Summary

<u>ARM</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Req.</u>	<u>Des.</u>	<u>Element</u>		
Required	PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named BD Buyer Name or Department CN General Contact	M ID 2/2
	PER02	93	Name Free-form name	O AN 1/60
	PER03	365	Communication Number Qualifier Code identifying the type of communication number FX Facsimile TE Telephone	X ID 2/2
	PER04	364	Communication Number Complete communications number including country or area code when applicable	X AN 1/80

Segment: **AMT** Monetary Amount
Position: 050
Loop: OTI Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To indicate the total monetary amount

Examples: AMT*ZZ*1000*D~

Data Element Summary

<u>ARM</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Req.</u>	<u>Des.</u>	<u>Element</u>		
Required	AMT01	522	Amount Qualifier Code Code to qualify amount	M ID 1/3
Required	AMT02	782	Monetary Amount Monetary amount	M R 1/18
	AMT03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/1

Segment: **QTY** Quantity
 Position: 060
 Loop: OTI Mandatory
 Level: Detail
 Usage: Optional
 Max Use: >1
 Purpose: To specify quantity information

Examples: QTY*02*5669*EA~

Data Element Summary

ARM	Ref.	Data		
<u>Req.</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Required	QTY01	673	Quantity Qualifier Code specifying the type of quantity	M ID 2/2
			01 Discrete Quantity	
			02 Cumulative Quantity	
Required	QTY02	380	Quantity Numeric value of quantity	X R 1/15
	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O
Required	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M ID 2/2
<i>Unit of Measure for this part from the ARM Purchase Order.</i>				

Segment: **TED** Technical Error Description
Position: 070
Loop: TED Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify the error and, if feasible, the erroneous segment, or data element, or both

Examples: TED*011*PART AND PO DO NOT MATCH*****Q438 38SJ-PO45583~

Data Element Summary

<u>ARM</u> <u>Req.</u> Required	<u>Ref.</u> <u>Des.</u> TED01	<u>Data</u> <u>Element</u> 647	<u>Name</u> Application Error Condition Code Code indicating application error condition	<u>Attributes</u> M ID 1/3
			006 Duplicate	
			007 Missing Data	
			009 Invalid Date	
			011 Not Matching	
			012 Invalid Combination	
			024 Other Unlisted Reason The reason for the application error condition cannot be described using any other code on the standard code list	
			036 Invalid Serial Number	
			815 Duplicate Batch	
			848 Incorrect Data	
			IID Invalid Identification Code	
			MB Missing or Invalid Purchase Order Number	
			MC Missing or Invalid Bill of Lading Number	
			MI Missing or Invalid SCAC	
			ZZZ Mutually Defined	
	TED02	3	Free Form Message Free-form text	O AN 1/60
	TED07	724	Copy of Bad Data Element This is a copy of the data element in error	O AN 1/99

Segment: **NTE** Note/Special Instruction
Position: 080
Loop: TED Optional
Level: Detail
Usage: Optional
Max Use: 100
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Semantic Notes: **1** The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Examples: NTE*PRF*INVALID PURCH ORDER NBR, DOES NOT MATCH ARM PO~

Data Element Summary

<u>ARM</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
Required	NTE01	363	Note Reference Code Code identifying the functional area or purpose for which the note applies <i>Segment in error.</i>	O ID 3/3
Required	NTE02	352	Description A free-form description to clarify the related data elements and their content <i>Description of error.</i>	M AN 1/80

Segment: **SE** Transaction Set Trailer
Position: 090
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
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)

Semantic Notes: 1 SE is the last segment of each transaction set.

Examples: SE*28*28837~

Data Element Summary

<u>ARM</u>	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
<u>Req.</u>	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Required	SE01	96 Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
Required	SE02	329 Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9