

Introduction

This guideline provides a description and technical layout of the data segments recommended for use when creating an EDI payment order and remittance advice (ASC X12 transaction set 820) for 3M. 3M can accept many valid ASC X12 data segments and elements; however, this guide includes only those which are most commonly required. If you have data requirements that are not covered in this document, please consult your 3M EDI contact.

The ASC X12 version presented in this guideline is 004010. If you cannot generate payment/remittance advices in version 004010, please consult your 3M EDI contact for information on other ASC X12 versions supported by 3M.

Some general recommendations are:

1. Provide the total amount of payment for all invoices and adjustments in BPR02. This is the EDI equivalent to the total check amount.
2. Send one RMR segment per 3M invoice, 3M debit memo, or 3M credit memo. Multiple RMR segments can be sent per transaction set.
3. Send one ADX segment per payer-initiated adjustment memo. Multiple ADX segments can be sent per transaction set.
4. Always provide 3M's seven-digit invoice number, debit memo number or credit memo number on the RMR segment in RMR02. This number is required by 3M to automatically process customer payments. 3M's invoice numbers are two alpha characters followed by five numeric characters. 3M's debit memo and credit memo numbers are two alpha characters, four numeric characters, and one alpha character.
5. Provide the amount being paid on the 3M invoice or debit memo or the amount being deducted on the 3M credit memo in RMR04. Likewise, provide the amount being paid or deducted on the payer-initiated adjustment memo in ADX01.

An example of a paper-copy payment and its ASC X12 interpretation can be found at the end of this guideline.

Note: For illustration purposes only, all examples use an asterisk (*) as the data element separator and a caret (^) as the segment terminator. In actual practice, values must be chosen that do not conflict with the data.

820 Payment Order/Remittance Advice

Functional Group ID=**RA**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Payment Order/Remittance Advice Transaction Set (820) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to make a payment, send a remittance advice, or make a payment and send a remittance advice. This transaction set can be an order to a financial institution to make a payment to a payee. It can also be a remittance advice identifying the detail needed to perform cash application to the payee's accounts receivable system. The remittance advice can go directly from payer to payee, through a financial institution, or through a third party agent.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
3	010	ST	Transaction Set Header	M	1		
4	020	BPR	Beginning Segment for Payment Order/Remittance Advice	M	1		
7	035	TRN	Trace	O	1		c1
8	050	REF	Reference Identification	O	>1		
9	060	DTM	Date/Time Reference	O	>1		
LOOP ID - N1						>1	
10	070	N1	Name	O	1		c2
11	120	PER	Administrative Communications Contact	O	>1		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - ENT						>1	
12	010	ENT	Entity	O	1		n1, c3
LOOP ID - ADX						>1	
13	080	ADX	Adjustment	O	1		c4
LOOP ID - REF						>1	
15	110	REF	Reference Identification	O	1		
LOOP ID - RMR						>1	
16	150	RMR	Remittance Advice Accounts Receivable Open Item Reference	O	1		c5
LOOP ID - ADX						>1	
18	210	ADX	Adjustment	O	1		c6
20	220	NTE	Note/Special Instruction	O	>1		

Summary:

3M Customer Payment/Remittance Advice

<u>Page</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Req.</u>	<u>Loop</u>	<u>Notes and</u>
<u>No.</u>	<u>No.</u>	<u>ID</u>	<u>Des.</u>	<u>Repeat</u>	<u>Comments</u>
21	010	SE	M	1	Transaction Set Trailer

Transaction Set Notes

1. The ENT loop is for vendor or consumer third party consolidated payments.

Transaction Set Comments

1. The TRN segment is used to uniquely identify a payment order/remittance advice.
2. The N1 loop allows for name/address information for the payer and payee which would be utilized to address remittance(s) for delivery.
3. ENT09 may contain the payee's accounts receivable customer number.
4. This ADX loop contains adjustment items which are not netted to an RMR segment in this transaction set.
5. Loop RMR is for open items being referenced or for payment on account.
6. This ADX loop can only contain adjustment information for the immediately preceding RMR segment and affects the amount (RMR04) calculation. If this adjustment amount is not netted to the immediately preceding RMR, use the outer ADX loop (position 080).

3M Customer Payment/Remittance Advice

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).

Comments:

Notes: 3M Example(s): ST*820*000001389^

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Required	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set 820 Payment Order/Remittance Advice	
Required	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set Sender assigned sequential control number to match control number on the SE segment.	

3M Customer Payment/Remittance Advice

Segment: **BPR** Beginning Segment for Payment Order/Remittance Advice
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a Payment Order/Remittance Advice Transaction Set and total payment amount, or to enable related transfer of funds and/or information from payer to payee to occur

- Syntax Notes:**
- 1 If either BPR06 or BPR07 is present, then the other is required.
 - 2 If BPR08 is present, then BPR09 is required.
 - 3 If either BPR12 or BPR13 is present, then the other is required.
 - 4 If BPR14 is present, then BPR15 is required.
 - 5 If either BPR18 or BPR19 is present, then the other is required.
 - 6 If BPR20 is present, then BPR21 is required.

- Semantic Notes:**
- 1 BPR02 specifies the payment amount.
 - 2 When using this transaction set to initiate a payment, all or some of BPR06 through BPR16 may be required, depending on the conventions of the specific financial channel being used.
BPR06 and BPR07 relate to the originating depository financial institution (ODFI).
 - 3 BPR08 is a code identifying the type of bank account or other financial asset.
 - 4 BPR09 is the account of the company originating the payment. This account may be debited or credited depending on the type of payment order.
 - 5 BPR12 and BPR13 relate to the receiving depository financial institution (RDFI).
 - 6 BPR14 is a code identifying the type of bank account or other financial asset.
 - 7 BPR15 is the account number of the receiving company to be debited or credited with the payment order.
 - 8 BPR16 is the date the originating company intends for the transaction to be settled (i.e., Payment Effective Date).
 - 9 BPR17 is a code identifying the business reason for this payment.
 - 10 BPR18, BPR19, BPR20 and BPR21, if used, identify a third bank identification number and account to be used for return items only.
 - 11 BPR20 is a code identifying the type of bank account or other financial asset.

Comments:

Notes: 3M Example(s):
 BPR*C*10085*C*ACH*CTX*01*123456789*DA*9876543*567890123**01*091000
 019*DA*0001065201*19991101^

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Required	BPR01	305 Transaction Handling Code	M ID 1/2
		Code designating the action to be taken by all parties	
		C Payment Accompanies Remittance Advice	
		I Remittance Information Only	
Required	BPR02	782 Monetary Amount	M R 1/18

3M Customer Payment/Remittance Advice

			Monetary amount	
			Total monetary amount of all invoices and adjustments being paid in this transaction.	
Required	BPR03	478	Credit/Debit Flag Code	M ID 1/1
			Code indicating whether amount is a credit or debit	
			3M does not accept debit transactions to it's Financial EDI bank account.	
			C Credit	
Required	BPR04	591	Payment Method Code	M ID 3/3
			Code identifying the method for the movement of payment instructions	
			ACH Automated Clearing House (ACH)	
			CHK Check	
			DCC ACH Demand Cash Concentration/Disbursement (CCD) Credit	
			DXC ACH Demand Corporate Trade Exchange (CTX) Credit	
			DZC ACH Demand Cash Concentration/Disbursement Plus (CCD+) Credit	
			PAC Preauthorized Check (Draft)	
			PBD Draft	
	BPR05	812	Payment Format Code	O ID 1/10
			Code identifying the payment format to be used	
			CCP Cash Concentration/Disbursement plus Addenda (CCD+) (ACH)	
			CTX Corporate Trade Exchange (CTX) (ACH)	
			PBC Commercial/Corporate Check	
	BPR06	506	(DFI) ID Number Qualifier	X ID 2/2
			Code identifying the type of identification number of Depository Financial Institution (DFI)	
			01 ABA Transit Routing Number Including Check Digits (9 digits)	
	BPR07	507	(DFI) Identification Number	X AN 3/12
			Depository Financial Institution (DFI) identification number	
			ABA Transit and Routing Number for payer's bank.	
	BPR08	569	Account Number Qualifier	O ID 1/3
			Code indicating the type of account	
			DA Demand Deposit	
	BPR09	508	Account Number	X AN 1/35
			Account number assigned	
			Payer's bank account number.	
Required	BPR10	509	Originating Company Identifier	O AN 10/10
			A unique identifier designating the company initiating the funds transfer instructions. The first character is one-digit ANSI identification code	

3M Customer Payment/Remittance Advice

designation (ICD) followed by the nine-digit identification number which may be an IRS employer identification number (EIN), data universal numbering system (DUNS), or a user assigned number; the ICD for an EIN is 1, DUNS is 3, user assigned number is 9

BPR11	510	Originating Company Supplemental Code	O AN 9/9
		A code defined between the originating company and the originating depository financial institution (ODFI) that uniquely identifies the company initiating the transfer instructions	
BPR12	506	(DFI) ID Number Qualifier	X ID 2/2
		Code identifying the type of identification number of Depository Financial Institution (DFI)	
		01	ABA Transit Routing Number Including Check Digits (9 digits)
BPR13	507	(DFI) Identification Number	X AN 3/12
		Depository Financial Institution (DFI) identification number	
		091000019 - Norwest's (3M's bank) ABA Transit and Routing Number.	
BPR14	569	Account Number Qualifier	O ID 1/3
		Code indicating the type of account	
		DA	Demand Deposit
BPR15	508	Account Number	X AN 1/35
		Account number assigned	
		1065201 - 3M's bank account number.	
BPR16	373	Date	O DT 8/8
		Date expressed as CCYYMMDD	

3M Customer Payment/Remittance Advice

Segment: **TRN** Trace
Position: 035
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To uniquely identify a transaction to an application

Syntax Notes:

Semantic Notes:

- 1 TRN02 provides unique identification for the transaction.
- 2 TRN03 identifies an organization.
- 3 TRN04 identifies a further subdivision within the organization.

Comments:

Notes:

3M Comments: Payer's check number or EDI equivalent should be sent in TRN01/TRN02, or REF01/REF02.

3M Example(s): TRN*1*987654^

Data Element Summary

	Ref.	Data		Attributes
	Des.	Element	Name	
Required	TRN01	481	Trace Type Code	M ID 1/2
			Code identifying which transaction is being referenced	
			1 Current Transaction Trace Numbers	
Required	TRN02	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

3M Customer Payment/Remittance Advice

Segment: **REF** Reference Identification

Position: 050

Loop:

Level: Heading

Usage: Optional

Max Use: >1

Purpose: To specify identifying information

- Syntax Notes:**
- 1 At least one of REF02 or REF03 is required.
 - 2 If either C04003 or C04004 is present, then the other is required.
 - 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

Notes: 3M Example(s): REF*CK*12345^

Data Element Summary

	Ref.	Data		Attributes
	Des.	Element	Name	
Required	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			CK Check Number	
Required	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	

3M Customer Payment/Remittance Advice

Segment: **DTM** Date/Time Reference

Position: 060

Loop:

Level: Heading

Usage: Optional

Max Use: >1

Purpose: To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes: 3M Example(s): DTM*007*19991101^

Data Element Summary

Ref.	Data	Element	Name	Attributes
Required	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			3M accepts any valid date qualifier and date.	
			007 Effective	
			020 Check	
			097 Transaction Creation	
Required	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	

3M Customer Payment/Remittance Advice

Segment: **N1** Name
Position: 070
Loop: N1 Optional
Level: Heading
Usage: Optional
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.

Semantic Notes:

Comments:

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

Notes: 3M Example(s): N1*PR*ABC CORPORATION^

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
Required	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		PR Payer	
		Unique name designating payer.	
	N102	93 Name	X AN 1/60
		Free-form name	
	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	
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		92 Assigned by Buyer or Buyer's Agent	
	N104	67 Identification Code	X AN 2/80
		Code identifying a party or other code	

3M Customer Payment/Remittance Advice

Segment: **PER** Administrative Communications Contact
Position: 120
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: >1
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.
 - 2 If either PER05 or PER06 is present, then the other is required.
 - 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:

Comments:

Notes: 3M Example(s): PER*AP*M. OLSON*TE*612-000-0000^

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
Required	PER01	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
			AP Accounts Payable Department	
			CD Contract Contact	
			IC Information Contact	
	PER02	93	Name	O AN 1/60
			Free-form name	
Required	PER03	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			TE Telephone	
			Contact's phone number should be sent in PER04.	
Required	PER04	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	

3M Customer Payment/Remittance Advice

Segment: **ENT** Entity
Position: 010
Loop: ENT Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To designate the entities which are parties to a transaction and specify a reference meaningful to those entities

- Syntax Notes:**
- 1 If any of ENT02 ENT03 or ENT04 is present, then all are required.
 - 2 If any of ENT05 ENT06 or ENT07 is present, then all are required.
 - 3 If either ENT08 or ENT09 is present, then the other is required.

Semantic Notes:

Comments:

- 1 This segment allows for the grouping of data by entity/entities at or within a master/masters. A master (e.g., an organization) can be comprised of numerous subgroups (e.g., entities). This master may send grouped data to another master (e.g., an organization) which is comprised of one or more entities. Groupings are as follows:
 - (1) Single/Single: Only ENT01 is necessary, because there is a single entity (the sending master) communicating with a single entity (the receiving master).
 - (2) Single/Multiple: ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master. The sending master is a single entity, so no other data elements need be used.
 - (3) Multiple/Single: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. The receiving master is a single entity, so no other data elements need be used.
 - (4) Multiple/Multiple: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master.
 This segment also allows for the transmission of a unique reference number that is meaningful between the entities.

Notes: 3M Example(s): ENT*1^

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Required	ENT01	554 Assigned Number	O N0 1/6
		Number assigned for differentiation within a transaction set	

3M Customer Payment/Remittance Advice

Segment: **ADX** Adjustment
Position: 080
Loop: ADX Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To convey accounts-payable adjustment information for the purpose of cash application, including payer-generated debit/credit memos

- Syntax Notes:** 1 If either ADX03 or ADX04 is present, then the other is required.
Semantic Notes: 1 ADX01 specifies the amount of the adjustment and must be signed if negative. If negative, it reduces the payment amount; if positive, it increases the payment amount.
 2 ADX02 specifies the reason for claiming the adjustment.
 3 ADX03 and ADX04 specify the identification of the adjustment.

Comments:

Notes: 3M Comments: This ADX loop contains adjustment items which are not netted to an RMR segment in this transaction set.

3M Example(s): ADX*-5*52*DB*BDM25^

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Required	ADX01	782 Monetary Amount	M R 1/18
		Monetary amount	
		Specifies the amount of the adjustment and must be signed if negative. If negative, it reduces the payment amount; if positive, it increases the payment amount.	
Required	ADX02	426 Adjustment Reason Code	M ID 2/2
		Code indicating reason for debit or credit memo or adjustment to invoice, debit or credit memo, or payment	
		See ASC X12 code list for additional codes.	
		01 Pricing Error	
		04 Item Not Accepted - Damaged	
		06 Quantity Contested	
		07 Incorrect Product	
		11 Returns - Damage	
		30 Delivery Charge Incorrect	
		52 Credit for Previous Overpayment	
		53 Remittance for Previous Underpayment	
		55 Tax Deducted	
Required	ADX03	128 Reference Identification Qualifier	X ID 2/3
		Code qualifying the Reference Identification	
		CM Buyer's Credit Memo	
		DB Buyer's Debit Memo	

3M Customer Payment/Remittance Advice

Required	ADX04	127	Reference Identification	X AN 1/30
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Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

3M Customer Payment/Remittance Advice

Segment: **REF** Reference Identification
Position: 110
Loop: REF Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:
Notes: 3M Comments: This segment should be used to reference an original 3M invoice number, credit memo number or debit memo number related to the payer's adjustment memo in the associated ADX segment. A specific description of the reason for the adjustment should also be provided.
 3M Example(s): REF*IV*OW54321*OVERPAID PREVIOUSLY DUE TO BOX MISCOUNT^

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Required	REF01	128	Reference Identification Qualifier		M ID 2/3
			Code qualifying the Reference Identification		
			CL	Seller's Credit Memo	
			DL	Seller's Debit Memo	
			IV	Seller's Invoice Number	
Required	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		
Required	REF03	352	Description		X AN 1/80
			A free-form description to clarify the related data elements and their content		
			Use of this element is recommended to give a specific description of the reason for the adjustment.		

3M Customer Payment/Remittance Advice

Segment: **RMR** Remittance Advice Accounts Receivable Open Item Reference

Position: 150

Loop: RMR Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify the accounts receivable open item(s) to be included in the cash application and to convey the appropriate detail

Syntax Notes: 1 If either RMR01 or RMR02 is present, then the other is required.
2 If either RMR07 or RMR08 is present, then the other is required.

Semantic Notes: 1 If RMR03 is present, it specifies how the cash is to be applied.
2 RMR04 is the amount paid.
3 RMR05 is the amount of invoice (including charges, less allowance) before terms discount (if discount is applicable) or debit amount or credit amount of referenced items.
4 RMR06 is the amount of discount taken.
5 RMR08, if present, represents an interest penalty payment, amount late interest paid, or amount anticipation.

Comments: 1 Parties using this segment should agree on the content of RMR01 and RMR02 prior to initiating communication.
2 If RMR03 is not present, this is a payment for an open item. If paying an open item, RMR02 must be present. If not paying a specific open item, RMR04 must be present.
3 RMR05 may be needed by some payees to distinguish between duplicate reference numbers.

Notes: 3M Example(s): RMR*IV*AB12345**9999.01*10204.07*204.06^

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Required	RMR01	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
			CL Seller's Credit Memo	
			DL Seller's Debit Memo	
			IV Seller's Invoice Number	
Required	RMR02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Required	RMR04	782	Monetary Amount	O R 1/18
			Monetary amount	
			Amount being paid on the 3M invoice or 3M debit memo. If RMR01 = CL, this is the amount being deducted on the 3M credit memo.	
Required	RMR05	782	Monetary Amount	O R 1/18
			Monetary amount	
			Total of invoice (including charges, less allowance) before terms discount	

3M Customer Payment/Remittance Advice

		(if discount is applicable.)	
RMR06	782	Monetary Amount	O R 1/18
		Monetary amount	
		Terms discount amount taken (if discount is applicable.)	
RMR07	426	Adjustment Reason Code	X ID 2/2
		Code indicating reason for debit or credit memo or adjustment to invoice, debit or credit memo, or payment	
		01 Pricing Error	
		04 Item Not Accepted - Damaged	
		06 Quantity Contested	
		07 Incorrect Product	
		11 Returns - Damage	
		30 Delivery Charge Incorrect	
		52 Credit for Previous Overpayment	
		53 Remittance for Previous Underpayment	
		55 Tax Deducted	
RMR08	782	Monetary Amount	X R 1/18
		Monetary amount	

3M Customer Payment/Remittance Advice

Segment: **ADX** Adjustment
Position: 210
Loop: ADX Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To convey accounts-payable adjustment information for the purpose of cash application, including payer-generated debit/credit memos
Syntax Notes: 1 If either ADX03 or ADX04 is present, then the other is required.
Semantic Notes: 1 ADX01 specifies the amount of the adjustment and must be signed if negative. If negative, it reduces the payment amount; if positive, it increases the payment amount.
 2 ADX02 specifies the reason for claiming the adjustment.
 3 ADX03 and ADX04 specify the identification of the adjustment.

Comments:

Notes: 3M Comments: This ADX loop can only contain adjustment information for the immediately preceding RMR segment and affects the amount (RMR04) calculation. If this adjustment amount is not netted to the immediately preceding RMR, use the outer ADX loop.

3M Example(s): ADX*-1*11*DB*BDM26^

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Required	ADX01	782		Monetary Amount	M R 1/18
				Monetary amount	
				Specifies the amount of the adjustment and must be signed if negative. If negative, it reduces the payment amount; if positive, it increases the payment amount.	
Required	ADX02	426		Adjustment Reason Code	M ID 2/2
				Code indicating reason for debit or credit memo or adjustment to invoice, debit or credit memo, or payment	
				See ASC X12 code list for additional codes.	
				01 Pricing Error	
				04 Item Not Accepted - Damaged	
				06 Quantity Contested	
				07 Incorrect Product	
				11 Returns - Damage	
				30 Delivery Charge Incorrect	
				52 Credit for Previous Overpayment	
				53 Remittance for Previous Underpayment	
				55 Tax Deducted	
Required	ADX03	128		Reference Identification Qualifier	X ID 2/3
				Code qualifying the Reference Identification	

3M Customer Payment/Remittance Advice

CM Buyer's Credit Memo
DB Buyer's Debit Memo

Required ADX04 127 Reference Identification X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

3M Customer Payment/Remittance Advice

Segment: **NTE** Note/Special Instruction
Position: 220
Loop: ADX Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Syntax Notes:

Semantic Notes:

Comments: 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.

Notes: 3M Comments: Use of this segment is recommended if the immediately preceding ADX segment is used, to give a specific description of the reason for the adjustment.

3M Example(s): NTE*PMT*UPC 02120003134 RETURNED UNDER RGA# 999^

Data Element Summary

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

3M Customer Payment/Remittance Advice

Segment: **SE** Transaction Set Trailer
Position: 010
Loop:
Level: Summary
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)

Syntax Notes:

Semantic Notes:

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

Notes: 3M Example(s): SE*13*000001389^

Data Element Summary

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

Payment Order/Remittance Advice Example

This section contains an example to illustrate the use of Transaction Set 820.

ABC Corporation
200 N Main Street
St. Paul, MN 55144

Check No. 12345
Date 11/1/99

Pay to the Order of:
3M
P O Box 910199
Dallas, TX 75391-0199

\$10,085.00

National Bank
St. Paul, MN

ABC Corporation
Statement of Remittance

Check No. 12345

Invoice Date	Invoice Number	Ref Number	Gross Amount	Adjust.	Discount	Net Amount	Comments
10/1/99	OW54321	BDM25	(5.00)			(5.00)	Previous Overpay
10/1/99	AB12345	BDM26	10,204.07	(1.00)	204.06	9,999.01	UPC 02120003134
10/1/99	CD9876A		90.99			90.99	

3M Customer Payment/Remittance Advice

ASC X12 FORMAT
ST*820*000001389^

INTERPRETATION

ASC X12 Transaction Set: 820
Transaction Set Control Number:
000001389

BPR*C*10085*C*ACH*CTX*01
*123456789*DA*9876543
*567890123**01*091000019
*DA*0001065201*19991101^

Transaction Handling Code: C=Payment
Accompanies Remittance Advice
Total Amount of "Check": \$10,085.00
Credit/Debit Flag Code: C=Credit
Payment Method Code: ACH=Automated
Clearing House
Payment Format Code: CTX=Corporate
Trade Exchange
Sender's ABA Transit & Routing
Number: 123456789
Payer's Bank Account Type: DA=Demand
Deposit
Payer's Bank Account Number: 9876543
Payer's ID Number: 567890123
Norwest's ABA Transit & Routing
Number: 091000019
3M's Bank Account Type: DA=Demand
Deposit
3M's Bank Account Number: 0001065201
Date Payer Intends Transaction To Be
Settled: 11/01/1999

REF*CK*12345^

Payer's "Check" Number: 12345

DTM*007*19991101^

Effective Date: 11/01/1999

N1*PR*ABC CORPORATION^

Payer Name: ABC Corporation

PER*AP*M. OLSON*TE
*612-000-0000^

Accounts Payable Contact: M. Olson
Telephone Number: 612-000-0000

ENT*1^

Entity Grouping Number: 1

ADX*-5*52*DB*BDM25^

Adjustment Amount: \$5.00cr
Adjustment Reason: 52=Credit for Previous
Overpayment
Buyer's Debit Memo Number: BDM25

REF*IV*OW54321*OVERPAID
PREVIOUSLY DUE TO BOX MISCOUNT^

Invoice Number: OW54321
Adjustment Description: Overpaid Due To
Box Miscount

RMR*IV*AB12345**9999.01*10204.07
*204.06^

Invoice Number: AB12345
Amount Paid: \$9999.01
Total Invoice Amount: \$10,204.07
Terms Discount Taken: \$204.06

3M Customer Payment/Remittance Advice

ADX*-1*11*DB*BDM26^

Adjustment Amount: \$1.00cr
Adjustment Reason: 11=Returns Damage
Buyer Debit Memo Number: BDM26

**NTE*PMT*UPC 02120003134 RETURNED
UNDER RGA# 999^**

Payment Adjustment Description Note:
UPC 02120003134 Returned Under RGA# 999

RMR*CL*AA1234A*90.99*90.99^

Seller's Credit Memo Number: CD9876A
Amount Paid: \$90.99
Total Invoice Amount: \$90.99

SE*14*000001389^

Number of Segments: 14
Transaction Set Control Number: 000001389

NOTE: Sample transaction contains fictitious data.