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 ACS 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:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
21	010	SE	Transaction Set Trailer	M	1		

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).

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

	Ref. Des.	Data Element	Name	Attributes
Required	**ST01**	**143**	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set 820 Payment Order/Remittance 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 Sender assigned sequential control number to match control number on the SE segment.	**M AN 4/9**

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*091000019*DA*0001065201*19991101^

Data Element Summary

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

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

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		

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

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. Des.	Data Element	Name	Attributes
Required	**REF01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification CK Check Number	**M ID 2/3**
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: **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. Des.	Data Element	Name	Attributes
Required	**DTM01**	**374**	**Date/Time Qualifier** 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	**M ID 3/3**
Required	**DTM02**	**373**	**Date** Date expressed as CCYYMMDD	**X DT 8/8**

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. Des.	Data Element	Name	Attributes
Required	**N101**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual PR Payer Unique name designating payer.	**M ID 2/3**
	N102	**93**	**Name** Free-form name	**X AN 1/60**
	N103	**66**	**Identification Code Qualifier** 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	**X ID 1/2**
	N104	**67**	**Identification Code** Code identifying a party or other code	**X AN 2/80**

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

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

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

	Ref. Des.	Data Element	Name	Attributes
Required	**ADX01**	**782**	**Monetary Amount** 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.	**M R 1/18**
Required	**ADX02**	**426**	**Adjustment Reason Code** 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	**M ID 2/2**
Required	**ADX03**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification CM Buyer's Credit Memo DB Buyer's Debit Memo	**X ID 2/3**

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		

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

	Ref. Des.	Data Element	Name	Attributes
Required	**REF01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification CL Seller's Credit Memo DL Seller's Debit Memo IV Seller's Invoice Number	**M ID 2/3**
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**
Required	**REF03**	**352**	**Description** 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.	**X AN 1/80**

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

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

		(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		

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

	Ref. Des.	Data Element	Name	Attributes
Required	**ADX01**	**782**	**Monetary Amount** 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.	**M R 1/18**
Required	**ADX02**	**426**	**Adjustment Reason Code** 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	**M ID 2/2**
Required	**ADX03**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**X ID 2/3**

			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			

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

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

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. Des.	Data Element	Name	Attributes
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**

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: $10,085.00

3M
P O Box 910199
Dallas, TX 75391-0199

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	

ASC X12 FORMAT	INTERPRETATION
ST*820*000001389^	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

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.