EDI IMPLEMENTATION GUIDE FOR

PAYMENT ORDER/REMITTANCE ADVICE

TRANSACTION SET 820

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MITSUBISHI MOTOR MANUFACTURING OF AMERICA
EDI IMPLEMENTATION GUIDE FOR
PAYMENT ORDER/REMITTANCE ADVICE TRANSACTION SET 820
<u>INTRODUCTION</u>

This guide contains the format of the Payment Order/Remittance Advice Transaction Set 820 to be used by the Electronic Data Interchange trading partners of Mitsubishi Motor Manufacturing of America. MMMA uses this transaction to transmit payment detail (remittance advice) information to our suppliers. MMMA does not use this transaction for making payments or electronic funds transfer.

This guide conforms to the ANSI X12 version 004010AIAG standard established by the Automotive Industry Action Group.

Updated 06/22/2000

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IMPLEMENTATION GUIDE UPDATE SUMMARY

08/04/2000   Added a REF segment under the IT1 segment in 2310 loop to specify the ASN Number related to the detail line item.

07/12/2000   Switched the Invoice Number to the RMR segment and RAN Number to the REF segment in 2300 loop.

Updated 08/04/2000

IMPLEMENTATION GUIDE KEY

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PAYMENT ORDER/REMITTANCE ADVICE TRANSACTION SET 820
Standard code abbreviations used throughout this guideline:

CODES	MEANING
M	Mandatory
O	Optional
C	Conditional
AN	Alphanumeric
DT	Date
TM	Time
ID	Identifier
N0	Numeric implied decimal
R	Numeric explicit decimal
1/99	Element length, 1 is minimum, 99 is maximum

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<u>SEGMENT SUMMARY FOR 820 TRANSACTION SET</u>

Function Group ID = RA

```
                                                    MAX
SEG  SEGMENT NAME                       LEVEL   USAGE  USE
ST   Transaction Set Header             Header    M     1
BPR  Beginning Segment                  Header    M     1
CUR  Currency                           Header    M     1
REF  Reference Identification           Header    M     1
DTM  Date/Time Reference                Header    M     1
N1   Name                               Header    M     1
N1   Name                               Header    M     1
ENT  Entity                             Detail    M     1
-------------------- 2300 LOOP (INVOICE) ----------------------\
RMR  Accounts Receivable Open Item Reference  Detail  M   1   |
REF  Reference Identification           Detail    O     1    |
DTM  Date/Time Reference                Detail    O     1    |
--------------------- 2310 LOOP (PART) ---------------------\ |
IT1  Baseline Item Data                 Detail    O     1 | |
REF  Reference Identification           Detail    O     1 | |
REF  Reference Identification           Detail    O     1 | |
REF  Reference Identification           Detail    O     1 | |
-----------------------------------------------------------/ |
-------------------------------------------------------------/
SE   Transaction Set Trailer            Summary   M     1
```

Updated 08/04/2000

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SEGMENT: **ST** Transaction Set Header

LEVEL: Header

USAGE: Mandatory

LOOP: None

MAX USE: 1

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

EXAMPLE: ST*820*000000001$

ELEMENT#	ELEMENT NAME	Attributes	COMMENTS
ST01 143	Transaction Set Identifier Code	M ID 3/3	'820'=Remit Advice
ST02 329	Transaction Set Control Number	M AN 9/9	

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SEGMENT: **BPR** Beginning Segment

LEVEL: Header

USAGE: Mandatory

LOOP: None

MAX USE: 1

PURPOSE: To indicate the beginning of an 820 Payment Order/
          Remittance Advice Transaction Set.

EXAMPLE: BPR*I*105.56*C*NON$

ELEMENT#	ELEMENT NAME	Attributes	COMMENTS
BPR01 305	Transaction Handling Code	M ID 1/1	'I'=Remit Info Only
BPR02 782	Monetary Amount	M R 1/12	Total Supplier Net Amount -99999999.99
BPR03 478	Credit/Debit Flag Code	M ID 1/1	'C'=Credit
BPR04 591	Payment Method Code	M ID 3/3	'NON'=Non-Payment Data

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SEGMENT: **CUR** Currency

LEVEL: Header

USAGE: Mandatory

LOOP: None

MAX USE: 1

PURPOSE: To specify the currency used in a transaction.

EXAMPLE: CUR*SU*USD$

ELEMENT#	ELEMENT NAME	Attributes	COMMENTS
CUR01 98	Entity Identifier Code	M ID 2/2	'SU'=Supplier/ Manufacturer
CUR02 100	Currency Code	M ID 3/3	'USD'=U.S. Dollars

SEGMENT: **REF** Reference Identification

LEVEL: Header

USAGE: Mandatory

LOOP: None

MAX USE: 1

PURPOSE: To specify identifying information that applies to the
          entire transaction.

EXAMPLE: REF*TN*00004446$

ELEMENT#	ELEMENT NAME	Attributes	COMMENTS
REF01 128	Reference Identification Qualifier	M ID 2/2	'TN'=Internal Reference#
REF02 127	Reference Identification	M AN 8/8	MMMA Assigned Reference#

SEGMENT: **DTM** Date/Time Reference

LEVEL: Header

USAGE: Mandatory

LOOP: None

MAX USE: 1

PURPOSE: To specify pertinent dates and times that apply to the entire transaction.

EXAMPLE: DTM*097*20000501$

ELEMENT#	ELEMENT NAME	Attributes	COMMENTS
DTM01 374	Date/Time Qualifier	M ID 3/3	'097'=Creation Date
DTM02 373	Date	M DT 8/8	Creation Date CCYYMMDD

SEGMENT: **N1** Name

LEVEL: Header

USAGE: Mandatory

LOOP: None

MAX USE: 1

PURPOSE: To identify the Payee (Supplier) organization name and
           code.

EXAMPLE: N1*PE*SUPPLIER NAME*92*ABC1$

ELEMENT#	ELEMENT NAME	Attributes	COMMENTS
N101 98	Entity Identifier Code	M ID 2/2	'PE'=Payee
N102 93	Name	M AN 1/31	Supplier Name
N103 66	Identification Code Qualifier	M ID 2/2	'92'=Assigned by Buyer
N104 67	Identification Code	M AN 4/4	MMMA Assigned Supplier Code

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SEGMENT: **N1** Name

LEVEL: Header

USAGE: Mandatory

LOOP: None

MAX USE: 1

PURPOSE: To identify the Payer (MMMA) organization name and
            code.

EXAMPLE: N1*PR*MITSUBISHI MOTOR MFG*92*MIT1$

ELEMENT#	ELEMENT NAME	Attributes	COMMENTS
N101 98	Entity Identifier Code	M ID 2/2	'PR'=Payer
N102 93	Name	M AN 1/20	'MITSUBISHI MOTOR MFG'
N103 66	Identification Code Qualifier	M ID 2/2	'92'=Assigned by Buyer
N104 67	Identification Code	M AN 4/4	'MIT1'

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SEGMENT: **ENT** Entity

LEVEL: Detail

USAGE: Mandatory

LOOP: None

MAX USE: 1

PURPOSE: To designate the entities which are parties to a
          transaction. Since this transaction represents a
          single/single relationship (single sending entity
          communicating with a single receiving entity), the ENT
          segment will only be used to indicate a detail loop
          start.

EXAMPLE: ENT*1$

ELEMENT#	ELEMENT NAME	Attributes	COMMENTS
ENT01 554	Assigned Number	M N0 1/1	'1'=Detail Item Loop Start

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

LEVEL: Detail

USAGE: Mandatory

LOOP: 2300

MAX USE: 1

PURPOSE: To specify the Accounts Receivable open items and
convey the appropriate payment detail. RMR segments
contain invoice level information and are sequenced by
Invoice Number.

EXAMPLE: RMR*IK*P72431**100*100$
RMR*IK*P72432**5.56*5.56$

ELEMENT#	ELEMENT NAME	Attributes	COMMENTS
RMR01 128	Reference Identification Qualifier	M ID 2/2	'IK'=Invoice#
RMR02 127	Reference Identification	M AN 1/12	Invoice Number
RMR04 782	Monetary Amount	M R 1/12	Net Amount -99999999.99
RMR05 782	Monetary Amount	M R 1/12	Gross Amount -99999999.99
RMR06 782	Monetary Amount	O R 1/12	Discount Amount -99999999.99

NOTE: For adjustment type invoices, supporting IT1 segment part
information is usually not provided, the Invoice Number may
contain comment verbiage, and positive amounts are credited and
negative amounts are debited to the supplier.

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SEGMENT: **REF** Reference Identification

LEVEL: Detail

USAGE: Optional

LOOP: 2300

MAX USE: 1

PURPOSE: To specify identifying information relating to the
            Invoice.

EXAMPLE: REF*RE*WE08925$

ELEMENT#	ELEMENT NAME	Attributes	COMMENTS
REF01 128	Reference Identification Qualifier	M ID 2/2	'RE'=Release Number
REF02 127	Reference Identification	M AN 1/9	RAN Number

NOTE: For adjustment type invoices, the RAN Number may contain comment verbiage.

SEGMENT: **DTM** Date/Time Reference

LEVEL: Detail

USAGE: Optional

LOOP: 2300

MAX USE: 1

PURPOSE: To specify pertinent dates and times relating to the
            Invoice.

EXAMPLE: DTM*050*20000328$

ELEMENT#	ELEMENT NAME	Attributes	COMMENTS
DTM01 374	Date/Time Qualifier	M ID 3/3	'050'=Received
DTM02 373	Date	M DT 8/8	Receipt Date CCYYMMDD

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SEGMENT: **IT1** Baseline Item Data

LEVEL: Detail

USAGE: Optional

LOOP: 2310

MAX USE: 1

PURPOSE: To specify detail line item data related to the
           Invoice.

EXAMPLE: IT1**10*EA*10*PE$
           IT1**5*EA*1.1111*PE$

ELEMENT#	ELEMENT NAME	Attributes	COMMENTS
IT102 358	Quantity Invoiced	M R 1/11	Item Qty -9999999.99
IT103 355	Unit or Basis for Measurement Code	M ID 2/2	'EA'=Each
IT104 212	Unit Price	M R 1/11	Item Unit Price -99999.9999
IT105 639	Basis of Unit Price Code	M ID 2/2	'PE'=Price per Each

NOTE: The IT1 and associated REF segments are omitted when there
is no part information available to support the Invoice located in
the RMR segment. Adjustment type invoices are examples of this.

Updated 07/12/2000

SEGMENT: **REF** Reference Identification

LEVEL: Detail

USAGE: Optional

LOOP: 2310

MAX USE: 1

PURPOSE: To specify Part Number information relating to the IT1
          line item segment.

EXAMPLE: REF*PM*MR776863$

ELEMENT#	ELEMENT NAME	Attributes	COMMENTS
REF01 128	Reference Identification Qualifier	M ID 2/2	'PM'=Part Number
REF02 127	Reference Identification	M AN 1/16	Part Number

SEGMENT: **REF** Reference Identification

LEVEL: Detail

USAGE: Optional

LOOP: 2310

MAX USE: 1

PURPOSE: To specify ASN Number information relating to the IT1
          line item segment.

EXAMPLE: REF*MA*ABC10590940$

ELEMENT#	ELEMENT NAME	Attributes	COMMENTS
REF01 128	Reference Identification Qualifier	M ID 2/2	'MA'=ASN Number
REF02 127	Reference Identification	M AN 1/11	ASN Number

SEGMENT: **REF** Reference Identification

LEVEL: Detail

USAGE: Optional

LOOP: 2310

MAX USE: 1

PURPOSE: To specify Purchase Order information relating to the
           IT1 line item segment.

EXAMPLE: REF*PO*P 850291C$

ELEMENT#	ELEMENT NAME	Attributes	COMMENTS
REF01 128	Reference Identification Qualifier	M ID 2/2	'PO'=Purchase Order
REF02 127	Reference Identification	M AN 1/10	Purchase Order

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SEGMENT: **SE** Transaction Set Trailer

LEVEL: Summary

USAGE: Mandatory

LOOP: None

MAX USE: 1

PURPOSE: To indicate the end of the transaction set, provide a
           count of the transmitted segments (including beginning
           ST and ending SE segments), and repeat the Transaction
           Set Control Number from the ST segment.

EXAMPLE: SE*21*000000001$

ELEMENT#	ELEMENT NAME	Attributes	COMMENTS
SE01 96	Number of Included Segments	M N0 1/10	
SE02 329	Transaction Set Control Number	M AN 9/9	

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EXAMPLE OF AN 820 PAYMENT ORDER/REMITTANCE ADVICE

```
ISA*00*_____*01*_____*01*MMMAEDI_____*01*ABC1_____
___*000526*1251*U*00200*000000211*0*T*.$
GS*RA*MMMA_MMMAEDI*ABCD_ABCD001*20000526*1251*63*X*004010AIAG$
ST*820*000000001$
BPR*I*105.56*C*NON$
CUR*SU*USD$
REF*TN*00004446$
DTM*097*20000501$
N1*PE*SUPPLIER NAME*92*ABC1$
N1*PR*MITSUBISHI MOTOR MFG*92*MIT1$
ENT*1$
RMR*IK*P72431**100*100$          ------- 2300 LOOP (INVOICE) ------\
REF*RE*WE08925$                                                    |
DTM*050*20000328$                                                  |
IT1**10*EA*10*PE$                ------- 2310 LOOP (PART) ------\   |
REF*PM*MR776863$                                               |   |
REF*MA*ABC10590940$                                            |   |
REF*PO*P 850291C$                ------------------------------/--/
RMR*IK*P72432**5.56*5.56$        ------- 2300 LOOP (INVOICE) ------\
REF*RE*WE08926$                                                    |
DTM*050*20000328$                                                  |
IT1**5*EA*1.1111*PE$             ------- 2310 LOOP (PART) ------\   |
REF*PM*MR776864$                                               |   |
REF*MA*ABC10590941$                                            |   |
REF*PO*P 850292C$                ------------------------------/--/
SE*21*000000001$
GE*1*63$
IEA*1*000000211$
```

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