

# Navistar, Inc.

---



## EDI 850 – Purchase Order

**VERSION:  
ANSI ASC X12  
Version Release 3040NAV**

|   |  |   |
|---|--|---|
| <br>EDI 850 Implementation Guide | Document Number:<br>PUR-2007                 |   |
|   | Revision:<br>4.0                             |   |
|   | Revision Date:<br>August 5, 2012             |   |
| <i>Written by:</i><br>Applications Analyst  | <i>Reviewed/ Approved by:</i><br>EDI Manager | This Document Applies to:<br>§ Truck § Engine § Service Parts |

This document is restricted and may not be sent outside Navistar, Inc. or reproduced without permission from Navistar, Inc. Suppliers are required to assume all patent liability. This document is controlled electronically and all printed copies or copies otherwise saved from this location are considered uncontrolled.

Copyright 2008 Navistar, Inc.

# Table of Contents

|            |  |           |
|------------|--|-----------|
| <b>850</b> | <b>Purchase Order</b> .....  | <b>1</b>  |
|            | <b>ST</b> Transaction Set Header.....                                | <b>6</b>  |
|            | <b>BEG</b> Beginning Segment for Purchase Order.....                 | <b>7</b>  |
|            | <b>NTE</b> Note/Special Instruction.....                             | <b>9</b>  |
|            | <b>CUR</b> Currency.....   | <b>10</b> |
|            | <b>REF</b> Reference Numbers.....                                    | <b>13</b> |
|            | <b>TAX</b> Tax Reference.....  | <b>15</b> |
|            | <b>FOB</b> F.O.B. Related Instructions.....                          | <b>17</b> |
|            | <b>ITD</b> Terms of Sale/Deferred Terms of Sale.....                 | <b>20</b> |
|            | <b>DTM</b> Date/Time Reference.....                                  | <b>22</b> |
|            | <b>TD5</b> Carrier Details (Routing Sequence/Transit Time).....      | <b>24</b> |
|            | <b>MAN</b> Marks and Numbers.....                                    | <b>26</b> |
|            | <b>N1</b> Name.....  | <b>28</b> |
|            | <b>N3</b> Address Information.....                                   | <b>30</b> |
|            | <b>N4</b> Geographic Location.....                                   | <b>31</b> |
|            | <b>PER</b> Administrative Communications Contact.....                | <b>32</b> |
|            | <b>PO1</b> Baseline Item Data.....                                   | <b>34</b> |
|            | <b>PO3</b> Additional Item Detail.....                               | <b>38</b> |
|            | <b>PID</b> Product/Item Description.....                             | <b>40</b> |
|            | <b>PO4</b> Item Physical Details.....                                | <b>42</b> |
|            | <b>REF</b> Reference Numbers.....                                    | <b>45</b> |
|            | <b>SAC</b> Service, Promotion, Allowance, or Charge Information..... | <b>47</b> |
|            | <b>SCH</b> Line Item Schedule.....                                   | <b>52</b> |
|            | <b>MAN</b> Marks and Numbers.....                                    | <b>54</b> |
|            | <b>PKG</b> Marking, Packaging, Loading.....                          | <b>56</b> |
|            | <b>CTT</b> Transaction Totals.....                                   | <b>58</b> |
|            | <b>SE</b> Transaction Set Trailer.....                               | <b>59</b> |

# 850 Purchase Order

---

## Functional Group=PO

**Purpose:** This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

### Heading:

| <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> |
|------------|-----------|---|------------|----------------|---------------|--------------|--------------|
| 010        | ST        | Transaction Set Header  | M          | 1              |               |              | Used         |
| 020        | BEG       | Beginning Segment for Purchase Order                              | M          | 1              |               |              | Used         |
| 030        | NTE       | Note/Special Instruction  | F          | 100            |               |              | Used         |
| 040        | CUR       | Currency  | O          | 1              |               |              | Used         |
| 050        | REF       | Reference Numbers   | O          | 12             |               |              | Used         |
| 060        | PER       | Administrative Communications Contact                             | O          | 3              |               |              | Not Used     |
| 070        | TAX       | Tax Reference   | O          | >1             |               |              | Used         |
| 080        | FOB       | F.O.B. Related Instructions                                       | O          | >1             |               |              | Used         |
| 090        | CTP       | Pricing Information   | O          | 25             |               |              | Not Used     |
| 110        | CSH       | Header Sale Condition   | O          | 5              |               |              | Not Used     |
| 120        | SAC       | Service, Promotion, Allowance, or Charge Information              | O          | 25             |               |              | Not Used     |
| 130        | ITD       | Terms of Sale/Deferred Terms of Sale                              | O          | 5              |               |              | Used         |
| 140        | DIS       | Discount Detail   | O          | 20             |               |              | Not Used     |
| 145        | INC       | Installment Information   | O          | 1              |               |              | Not Used     |
| 150        | DTM       | Date/Time Reference   | O          | 10             |               |              | Used         |
| 160        | LDT       | Lead Time   | O          | 12             |               |              | Not Used     |
| 180        | LIN       | Item Identification   | O          | 5              |               | N1/180       | Not Used     |
| 185        | SI        | Service Characteristic Identification                             | O          | 2              |               |              | Not Used     |
| 190        | PID       | Product/Item Description  | O          | 200            |               |              | Not Used     |
| 200        | MEA       | Measurements  | O          | 40             |               |              | Not Used     |
| 210        | PWK       | Paperwork   | O          | 25             |               |              | Not Used     |
| 220        | PKG       | Marking, Packaging, Loading                                       | O          | 200            |               |              | Not Used     |
| 230        | TD1       | Carrier Details (Quantity and Weight)                             | O          | 2              |               |              | Not Used     |
| 240        | TD5       | Carrier Details (Routing Sequence/Transit Time)                   | O          | 12             |               |              | Used         |
| 250        | TD3       | Carrier Details (Equipment)                                       | O          | 12             |               |              | Not Used     |
| 260        | TD4       | Carrier Details (Special Handling or Hazardous Materials or Both) | O          | 5              |               |              | Not Used     |
| 270        | MAN       | Marks and Numbers   | O          | 10             |               |              | Used         |

| <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> |
|----------------------------|-----------|---|------------|----------------|--------------------|--------------|--------------|
| 280                        | CTB       | Restrictions/ Conditions  | O          | 5              |                    |              | Not Used     |
| 285                        | TXI       | Tax Information   | O          | >1             |                    |              | Not Used     |
| <b><u>LOOP ID - N9</u></b> |           |   |            |                | <b><u>1000</u></b> |              |              |
| 290                        | N9        | Reference Number  | O          | 1              |                    |              | Not Used     |
| 300                        | MSG       | Message Text  | O          | 1000           |                    |              | Not Used     |
| <b><u>LOOP ID - N1</u></b> |           |   |            |                | <b><u>200</u></b>  |              |              |
| 310                        | N1        | Name  | O          | 1              |                    |              | Used         |
| 320                        | N2        | Additional Name Information                                       | O          | 2              |                    |              | Not Used     |
| 330                        | N3        | Address Information   | O          | 2              |                    |              | Used         |
| 340                        | N4        | Geographic Location   | O          | 1              |                    |              | Used         |
| 345                        | NX2       | Real Estate Property ID Component                                 | O          | 3              |                    |              | Not Used     |
| 350                        | REF       | Reference Numbers   | O          | 12             |                    |              | Not Used     |
| 360                        | PER       | Administrative Communications Contact                             | O          | 3              |                    |              | Used         |
| 370                        | FOB       | F.O.B. Related Instructions                                       | O          | 1              |                    |              | Not Used     |
| 380                        | TD1       | Carrier Details (Quantity and Weight)                             | O          | 2              |                    |              | Not Used     |
| 390                        | TD5       | Carrier Details (Routing Sequence/Transit Time)                   | O          | 12             |                    |              | Not Used     |
| 400                        | TD3       | Carrier Details (Equipment)                                       | O          | 12             |                    |              | Not Used     |
| 410                        | TD4       | Carrier Details (Special Handling or Hazardous Materials or Both) | O          | 5              |                    |              | Not Used     |
| 420                        | PKG       | Marking, Packaging, Loading                                       | O          | 200            |                    |              | Not Used     |

**Detail:**

| <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>          |
|-----------------------------|-----------|---------------------------------------|------------|----------------|----------------------|--------------|-----------------------|
| <b><u>LOOP ID - PO1</u></b> |           |                                       |            |                | <b><u>100000</u></b> |              | <b><u>N2/010L</u></b> |
| 010                         | PO1       | Baseline Item Data                    | M          | 1              |                      | N2/010       | Used                  |
| 018                         | SI        | Service Characteristic Identification | O          | 5              |                      |              | Not Used              |
| 020                         | CUR       | Currency                              | O          | 1              |                      |              | Not Used              |
| 030                         | PO3       | Additional Item Detail                | O          | 25             |                      |              | Used                  |
| 040                         | CTP       | Pricing Information                   | O          | 25             |                      |              | Not Used              |
| 049                         | MEA       | Measurements                          | O          | 40             |                      |              | Not Used              |
| <b><u>LOOP ID - PID</u></b> |           |                                       |            |                | <b><u>1000</u></b>   |              |                       |
| 050                         | PID       | Product/Item Description              | O          | 1              |                      |              | Used                  |
| 060                         | MEA       | Measurements                          | O          | 10             |                      |              | Not Used              |
| 070                         | PWK       | Paperwork                             | O          | 25             |                      |              | Not Used              |
| 090                         | PO4       | Item Physical Details                 | O          | 1              |                      |              | Used                  |
| 100                         | REF       | Reference Numbers                     | O          | 12             |                      |              | Used                  |
| 110                         | PER       | Administrative Communications Contact | O          | 3              |                      |              | Not Used              |
| 130                         | SAC       | Service, Promotion,                   | O          | 25             |                      |              | Used                  |

| <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> |
|-----------------------------|-----------|---|------------|----------------|--------------------|--------------|--------------|
|                             |           | Allowance, or Charge Information                                  |            |                |                    |              |              |
| 140                         | IT8       | Conditions of Sale  | O          | 1              |                    |              | Not Used     |
| 150                         | ITD       | Terms of Sale/Deferred Terms of Sale                              | O          | 2              |                    |              | Not Used     |
| 160                         | DIS       | Discount Detail   | O          | 20             |                    |              | Not Used     |
| 165                         | INC       | Installment Information   | O          | 1              |                    |              | Not Used     |
| 170                         | TAX       | Tax Reference   | O          | >1             |                    |              | Not Used     |
| 180                         | FOB       | F.O.B. Related Instructions                                       | O          | 1              |                    |              | Not Used     |
| 190                         | SDQ       | Destination Quantity  | O          | 500            |                    |              | Not Used     |
| 200                         | IT3       | Additional Item Data  | O          | 5              |                    |              | Not Used     |
| 210                         | DTM       | Date/Time Reference   | O          | 10             |                    |              | Not Used     |
| 220                         | LDT       | Lead Time   | O          | 12             |                    |              | Not Used     |
| 230                         | SCH       | Line Item Schedule  | O          | 200            |                    | N2/230       | Used         |
| 235                         | TC2       | Commodity   | O          | 2              |                    |              | Not Used     |
| 240                         | TD1       | Carrier Details (Quantity and Weight)                             | O          | 1              |                    |              | Not Used     |
| 250                         | TD5       | Carrier Details (Routing Sequence/Transit Time)                   | O          | 12             |                    |              | Not Used     |
| 260                         | TD3       | Carrier Details (Equipment)                                       | O          | 12             |                    |              | Not Used     |
| 270                         | TD4       | Carrier Details (Special Handling or Hazardous Materials or Both) | O          | 5              |                    |              | Not Used     |
| 280                         | MAN       | Marks and Numbers   | O          | 10             |                    |              | Used         |
| 290                         | AMT       | Monetary Amount   | O          | 1              |                    | N2/290       | Not Used     |
| 295                         | TXI       | Tax Information   | O          | >1             |                    |              | Not Used     |
| <b><u>LOOP ID - PKG</u></b> |           |   |            |                | <b><u>200</u></b>  |              |              |
| 300                         | PKG       | Marking, Packaging, Loading                                       | O          | 1              |                    |              | Used         |
| 310                         | MEA       | Measurements  | O          | >1             |                    |              | Not Used     |
| <b><u>LOOP ID - N9</u></b>  |           |   |            |                | <b><u>1000</u></b> |              |              |
| 330                         | N9        | Reference Number  | O          | 1              |                    |              | Not Used     |
| 335                         | MEA       | Measurements  | O          | 40             |                    |              | Not Used     |
| 340                         | MSG       | Message Text  | O          | 1000           |                    |              | Not Used     |
| <b><u>LOOP ID - N1</u></b>  |           |   |            |                | <b><u>200</u></b>  |              |              |
| 350                         | N1        | Name  | O          | 1              |                    |              | Not Used     |
| 360                         | N2        | Additional Name Information                                       | O          | 2              |                    |              | Not Used     |
| 370                         | N3        | Address Information   | O          | 2              |                    |              | Not Used     |
| 380                         | N4        | Geographic Location   | O          | 1              |                    |              | Not Used     |
| 385                         | NX2       | Real Estate Property ID Component                                 | O          | 3              |                    |              | Not Used     |
| 390                         | REF       | Reference Numbers   | O          | 12             |                    |              | Not Used     |
| 400                         | PER       | Administrative Communications Contact                             | O          | 3              |                    |              | Not Used     |
| 410                         | FOB       | F.O.B. Related Instructions                                       | O          | 1              |                    |              | Not Used     |

| <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> |
|-----------------------------|-----------|---|------------|--------------------|---------------|--------------|--------------|
| 415                         | SCH       | Line Item Schedule  | O          | 200                |               |              | Not Used     |
| 420                         | TD1       | Carrier Details (Quantity and Weight)                             | O          | 2                  |               |              | Not Used     |
| 430                         | TD5       | Carrier Details (Routing Sequence/Transit Time)                   | O          | 12                 |               |              | Not Used     |
| 440                         | TD3       | Carrier Details (Equipment)                                       | O          | 12                 |               |              | Not Used     |
| 450                         | TD4       | Carrier Details (Special Handling or Hazardous Materials or Both) | O          | 5                  |               |              | Not Used     |
| 460                         | PKG       | Marking, Packaging, Loading                                       | O          | 200                |               |              | Not Used     |
| <b><u>LOOP ID - SLN</u></b> |           |   |            | <b><u>1000</u></b> |               |              |              |
| 470                         | SLN       | Subline Item Detail   | O          | 1                  |               |              | Not Used     |
| 480                         | SI        | Service Characteristic Identification                             | O          | 5                  |               |              | Not Used     |
| 490                         | PID       | Product/Item Description  | O          | 1000               |               |              | Not Used     |
| 500                         | PO3       | Additional Item Detail  | O          | 104                |               |              | Not Used     |
| 505                         | TC2       | Commodity   | O          | 2                  |               |              | Not Used     |
| 510                         | SAC       | Service, Promotion, Allowance, or Charge Information              | O          | 10                 |               |              | Not Used     |
| 520                         | DTM       | Date/Time Reference   | O          | 10                 |               |              | Not Used     |
| 522                         | CTP       | Pricing Information   | O          | 25                 |               |              | Not Used     |
| 524                         | PO4       | Item Physical Details   | O          | 1                  |               |              | Not Used     |
| <b><u>LOOP ID - N1</u></b>  |           |   |            | <b><u>10</u></b>   |               |              |              |
| 530                         | N1        | Name  | O          | 1                  |               |              | Not Used     |
| 540                         | N2        | Additional Name Information                                       | O          | 2                  |               |              | Not Used     |
| 550                         | N3        | Address Information   | O          | 2                  |               |              | Not Used     |
| 560                         | N4        | Geographic Location   | O          | 1                  |               |              | Not Used     |
| 570                         | NX2       | Real Estate Property ID Component                                 | O          | 3                  |               |              | Not Used     |
| 580                         | REF       | Reference Numbers   | O          | 12                 |               |              | Not Used     |
| 590                         | PER       | Administrative Communications Contact                             | O          | 3                  |               |              | Not Used     |

**Summary:**

| <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> |
|------------|-----------|-------------------------|------------|----------------|---------------|--------------|--------------|
| 010        | CTT       | Transaction Totals      | M          | 1              |               | N3/010       | Used         |
| 020        | AMT       | Monetary Amount         | O          | 1              |               | N3/020       | Not Used     |
| 030        | SE        | Transaction Set Trailer | M          | 1              |               |              | Used         |

**Notes:**

- 1/180 If segment LIN is used, do not use LIN01.
- 2/010L PO102 is required.
- 2/010 PO102 is required.
- 2/230 The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of

quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.

- 2/290 If AMT is used in the detail area, then AMT01 will = 1 and AMT02 will indicate total line amount as calculated by the sender.
- 3/010 The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.
- 3/020 If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

# ST Transaction Set Header

|                     |             |
|---------------------|-------------|
| Pos: 010            | Max: 1      |
| Heading - Mandatory |             |
| Loop: N/A           | Elements: 2 |

**User Option (Usage):** Used

**Purpose:** To indicate the start of a transaction set and to assign a control number

## 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            | Used         |

**Description:** Code uniquely identifying a Transaction Set.

**CodeList Summary** (Total Codes: 236, Included: 1)

**Code Name**

850 X12.1 Purchase Order

|      |     |                                |   |    |     |      |
|------|-----|--------------------------------|---|----|-----|------|
| ST02 | 329 | Transaction Set Control Number | M | AN | 4/9 | Used |
|------|-----|--------------------------------|---|----|-----|------|

**Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

## 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).

## Trading Partner:

*This segment is used in all Navistar 850 transactions.*

# BEG Beginning Segment for Purchase Order

|                     |             |
|---------------------|-------------|
| Pos: 020            | Max: 1      |
| Heading - Mandatory |             |
| Loop: N/A           | Elements: 8 |

**User Option (Usage):** Used

**Purpose:** To indicate the beginning of the purchase order transaction set and transmit identifying numbers and dates.

## 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> |
|------------|-----------|------------------------------|------------|-------------|----------------|--------------|
| BEG01      | 353       | Transaction Set Purpose Code | M          | ID          | 2/2            | Used         |

**Description:** Code identifying purpose of transaction set.

**CodeList Summary** (Total Codes: 49, Included: 2)

| <u>Code</u> | <u>Name</u>  |
|-------------|--------------|
| 00          | Original     |
| 06          | Confirmation |

|       |    |                          |   |    |     |      |
|-------|----|--------------------------|---|----|-----|------|
| BEG02 | 92 | Purchase Order Type Code | M | ID | 2/2 | Used |
|-------|----|--------------------------|---|----|-----|------|

**Description:** Code specifying the type of Purchase Order.

**CodeList Summary** (Total Codes: 51, Included: 4)

| <u>Code</u> | <u>Name</u>   |
|-------------|---|
| DR          | Direct Ship   |
|             | <b>Description:</b> Vendor ships directly to customer or dealer to fill daily stock order.                  |
| NE          | New Order   |
|             | <b>Description:</b> An order for good or services placed per quote - not contract.                          |
| RL          | Release or Delivery Order   |
|             | <b>Description:</b> An order for goods and services placed against a pre-existing contract or blanket order |
| RO          | Rush Order  |
|             | <b>Description:</b> Vendor ships directly to customer, dealer, PDC or packager to fill emergency order.     |

|       |     |                       |   |    |      |      |
|-------|-----|-----------------------|---|----|------|------|
| BEG03 | 324 | Purchase Order Number | M | AN | 1/22 | Used |
|-------|-----|-----------------------|---|----|------|------|

**Description:** Identifying number for Purchase Order assigned by the orderer/purchaser.

|       |     |                |   |    |      |          |
|-------|-----|----------------|---|----|------|----------|
| BEG04 | 328 | Release Number | O | AN | 1/30 | Not used |
|-------|-----|----------------|---|----|------|----------|

**Description:** Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction.

|       |     |                     |   |    |     |      |
|-------|-----|---------------------|---|----|-----|------|
| BEG05 | 323 | Purchase Order Date | M | DT | 6/6 | Used |
|-------|-----|---------------------|---|----|-----|------|

**Description:** Date assigned by the purchaser to Purchase Order.

|       |     |                 |   |    |      |      |
|-------|-----|-----------------|---|----|------|------|
| BEG06 | 367 | Contract Number | O | AN | 1/30 | Used |
|-------|-----|-----------------|---|----|------|------|

**Description:** Contract number.

|       |     |                     |   |    |     |          |
|-------|-----|---------------------|---|----|-----|----------|
| BEG07 | 587 | Acknowledgment Type | O | ID | 2/2 | Not used |
|-------|-----|---------------------|---|----|-----|----------|

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u>   | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
|            |           | <b>Description:</b> Code specifying the type of acknowledgment.                     |            |             |                |              |
| BEG08      | 1019      | <b>Invoice Type Code</b>  | O          | ID          | 3/3            | Not used     |
|            |           | <b>Description:</b> Code defining the method by which invoices are to be processed. |            |             |                |              |

**Truck:**

*Refer to the "Appendix" at the end of this guide for Example(s) and MRO Example(s).*

**Engine:**

*Refer to the "Appendix" at the end of this guide for MRO Example(s).*

**Service Parts:**

*Refer to the "Appendix" at the end of this guide for Example(s).*

# NTE Note/Special Instruction

|                    |             |
|--------------------|-------------|
| Pos: 030           | Max: 100    |
| Heading - Floating |             |
| Loop: N/A          | Elements: 2 |

**User Option (Usage):** Used

**Purpose:** To transmit information in a free-form format, if necessary, for comment or special instruction

## 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> |
|------------|-----------|---------------------|------------|-------------|----------------|--------------|
| NTE01      | 363       | Note Reference Code | O          | ID          | 3/3            | Used         |

**Description:** Code identifying the functional area or purpose for which the note applies.

**CodeList Summary** (Total Codes: 57, Included: 1)

**Code Name**

PRI Priority

**Service Parts:**

PRI will be provided on all Military orders to convey standard legal language that is required by the U.S. Government.

|       |   |                   |   |    |      |      |
|-------|---|-------------------|---|----|------|------|
| NTE02 | 3 | Free Form Message | M | AN | 1/60 | Used |
|-------|---|-------------------|---|----|------|------|

**Description:** Free-form text.

## 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.

**Truck:**

*Refer to the "Appendix" at the end of this guide for Example(s) and MRO Example(s).*

**Engine:**

*Refer to the "Appendix" at the end of this guide for MRO Example(s).*

**Service Parts:**

*Refer to the "Appendix" at the end of this guide for Example(s).*

# CUR Currency

|                    |              |
|--------------------|--------------|
| Pos: 040           | Max: 1       |
| Heading - Optional |              |
| Loop: N/A          | Elements: 21 |

**User Option (Usage):** Used

**Purpose:** To specify the currency (dollars, pounds, francs, etc.) used in a transaction

## 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> |
|---|-----------|--------------------------------------|------------|-------------|----------------|--------------|
| CUR01   | 98        | <b>Entity Identifier Code</b>        | M          | ID          | 2/2            | Used         |
| <b>Description:</b> Code identifying an organizational entity, a physical location, or an individual  |           |                                      |            |             |                |              |
| <b>CodeList Summary</b> (Total Codes: 687, Included: 1)   |           |                                      |            |             |                |              |
| <b>Code Name</b>  |           |                                      |            |             |                |              |
| SU Supplier/Manufacturer  |           |                                      |            |             |                |              |
| CUR02   | 100       | <b>Currency Code</b>                 | M          | ID          | 3/3            | Used         |
| <b>Description:</b> Code (Standard ISO) for country in whose currency the charges are specified.  |           |                                      |            |             |                |              |
| CUR03   | 280       | <b>Exchange Rate</b>                 | O          | R           | 4/6            | Not used     |
| <b>Description:</b> Value to be used as a multiplier conversion factor to convert monetary value from one currency to another.  |           |                                      |            |             |                |              |
| CUR04   | 98        | <b>Entity Identifier Code</b>        | O          | ID          | 2/2            | Not used     |
| <b>Description:</b> Code identifying an organizational entity, a physical location, or an individual  |           |                                      |            |             |                |              |
| CUR05   | 100       | <b>Currency Code</b>                 | O          | ID          | 3/3            | Not used     |
| <b>Description:</b> Code (Standard ISO) for country in whose currency the charges are specified.  |           |                                      |            |             |                |              |
| CUR06   | 669       | <b>Currency Market/Exchange Code</b> | O          | ID          | 3/3            | Not used     |
| <b>Description:</b> Code identifying the market upon which the currency exchange rate is based.   |           |                                      |            |             |                |              |
| CUR07   | 374       | <b>Date/Time Qualifier</b>           | C          | ID          | 3/3            | Not used     |
| <b>Description:</b> Code specifying type of date or time, or both date and time.  |           |                                      |            |             |                |              |
| CUR08   | 373       | <b>Date</b>                          | O          | DT          | 6/6            | Not used     |
| <b>Description:</b> Date (YYMMDD).  |           |                                      |            |             |                |              |
| CUR09   | 337       | <b>Time</b>                          | O          | TM          | 4/8            | Not used     |
| <b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) |           |                                      |            |             |                |              |
| CUR10   | 374       | <b>Date/Time Qualifier</b>           | C          | ID          | 3/3            | Not used     |
| <b>Description:</b> Code specifying type of date or time, or both date and time.  |           |                                      |            |             |                |              |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u>   | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| CUR11      | 373       | <b>Date</b>   | O          | DT          | 6/6            | Not used     |
|            |           | <b>Description:</b> Date (YYMMDD).  |            |             |                |              |
| CUR12      | 337       | <b>Time</b>   | O          | TM          | 4/8            | Not used     |
|            |           | <b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) |            |             |                |              |
| CUR13      | 374       | <b>Date/Time Qualifier</b>  | C          | ID          | 3/3            | Not used     |
|            |           | <b>Description:</b> Code specifying type of date or time, or both date and time.  |            |             |                |              |
| CUR14      | 373       | <b>Date</b>   | O          | DT          | 6/6            | Not used     |
|            |           | <b>Description:</b> Date (YYMMDD).  |            |             |                |              |
| CUR15      | 337       | <b>Time</b>   | O          | TM          | 4/8            | Not used     |
|            |           | <b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) |            |             |                |              |
| CUR16      | 374       | <b>Date/Time Qualifier</b>  | C          | ID          | 3/3            | Not used     |
|            |           | <b>Description:</b> Code specifying type of date or time, or both date and time.  |            |             |                |              |
| CUR17      | 373       | <b>Date</b>   | O          | DT          | 6/6            | Not used     |
|            |           | <b>Description:</b> Date (YYMMDD).  |            |             |                |              |
| CUR18      | 337       | <b>Time</b>   | O          | TM          | 4/8            | Not used     |
|            |           | <b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) |            |             |                |              |
| CUR19      | 374       | <b>Date/Time Qualifier</b>  | C          | ID          | 3/3            | Not used     |
|            |           | <b>Description:</b> Code specifying type of date or time, or both date and time.  |            |             |                |              |
| CUR20      | 373       | <b>Date</b>   | O          | DT          | 6/6            | Not used     |
|            |           | <b>Description:</b> Date (YYMMDD).  |            |             |                |              |
| CUR21      | 337       | <b>Time</b>   | O          | TM          | 4/8            | Not used     |
|            |           | <b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) |            |             |                |              |

### Syntax Rules:

1. C0807 - If CUR08 is present, then CUR07 is required.
2. C0907 - If CUR09 is present, then CUR07 is required.
3. C1110 - If CUR11 is present, then CUR10 is required.
4. C1210 - If CUR12 is present, then CUR10 is required.
5. C1413 - If CUR14 is present, then CUR13 is required.

6. C1513 - If CUR15 is present, then CUR13 is required.
7. C1716 - If CUR17 is present, then CUR16 is required.
8. C1816 - If CUR18 is present, then CUR16 is required.
9. C2019 - If CUR20 is present, then CUR19 is required.
10. C2119 - If CUR21 is present, then CUR19 is required.

**Comments:**

1. See Figures Appendix for examples detailing the use of the CUR segment.

**Truck:**

*Refer to the "Appendix" at the end of this guide for Example(s) and MRO Example(s).*

**Engine:**

*Refer to the "Appendix" at the end of this guide for MRO Example(s).*

**Service Parts:**

*Refer to the "Appendix" at the end of this guide for Example(s).*

# REF Reference Numbers

|                    |             |
|--------------------|-------------|
| Pos: 050           | Max: 12     |
| Heading - Optional |             |
| Loop: N/A          | Elements: 3 |

**User Option (Usage):** Used

**Purpose:** To specify identifying numbers.

## 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> |
|------------|-----------|----------------------------|------------|-------------|----------------|--------------|
| REF01      | 128       | Reference Number Qualifier | M          | ID          | 2/2            | Used         |

**Description:** Code qualifying the Reference Number.

**CodeList Summary** (Total Codes: 859, Included: 10)

**Code Name**

AN Associated Purchase Orders

**Service Parts:**

This conveys the Direct Ship Blanket Order Number.

AX Government Accounting Class Reference Number (ACRN)

BE Business Activity

**Service Parts:**

Business Unit Initiating Order

C7 Contract Line Item Number

**Service Parts:**

Military Order CLIN Number

CE Class of Contract Code

**Service Parts:**

To identify Supplier Contract Type for Government/Military Orders  
 FFPNC - Firm Fixed Price Non-Commercial  
 CR - Cost Reimbursement  
 GCOM - Government Contract Commercial

CO Customer Order Number

DO Delivery Order Number

**Service Parts:**

Military Delivery Order Number

GC Government Contract Number

**Service Parts:**

Military Government Contract Number

IL Internal Order Number

**Service Parts:**

PDC Order Number  
 COPS Reference Number or Sales Order

TH Transportation Account Code (TAC)

|       |     |                  |   |    |      |      |
|-------|-----|------------------|---|----|------|------|
| REF02 | 127 | Reference Number | C | AN | 1/30 | Used |
|-------|-----|------------------|---|----|------|------|

**Description:** Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

|       |     |             |   |    |      |      |
|-------|-----|-------------|---|----|------|------|
| REF03 | 352 | Description | C | AN | 1/80 | Used |
|-------|-----|-------------|---|----|------|------|

**Description:** A free-form description to clarify the related data elements and their

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------|------------|-------------|----------------|--------------|
|            |           | content.            |            |             |                |              |

**Syntax Rules:**

1. R0203 - At least one of REF02 or REF03 is required.

**Truck:**

*This Segment is Not Used.*

**Engine:**

*This Segment is Not Used.*

**Service Parts:**

*Refer to the "Appendix" at the end of this guide for Example(s).*

# TAX Tax Reference

Pos: 070      Max: >1  
 Heading - Optional  
 Loop: N/A    Elements: 12

**User Option (Usage):** Used

**Purpose:** To provide data required for proper notification/determination of applicable taxes applying to the transaction or business described in the transaction

## 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> |
|------------|-----------|--|----------------|-------------|----------------|--------------|
| TAX01      | 325       | <b>Tax Identification Number</b>   | C              | AN          | 1/20           | Used         |
|            |           | <b>Description:</b> Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.), often called a tax exemption number or certificate number. |                |             |                |              |
| TAX02      | 309       | <b>Location Qualifier</b>  | C              | ID          | 1/2            | Used         |
|            |           | <b>Description:</b> Code identifying type of location.   |                |             |                |              |
|            |           | <b>CodeList Summary</b> (Total Codes: 83, Included: 2)   |                |             |                |              |
|            |           | <b>Code Name</b>   |                |             |                |              |
|            |           | CC   | Country        |             |                |              |
|            |           | SP   | State/Province |             |                |              |
| TAX03      | 310       | <b>Location Identifier</b>   | C              | AN          | 1/30           | Used         |
|            |           | <b>Description:</b> Code which identifies a specific location.   |                |             |                |              |
| TAX04      | 309       | <b>Location Qualifier</b>  | C              | ID          | 1/2            | Not used     |
|            |           | <b>Description:</b> Code identifying type of location.   |                |             |                |              |
| TAX05      | 310       | <b>Location Identifier</b>   | C              | AN          | 1/30           | Not used     |
|            |           | <b>Description:</b> Code which identifies a specific location.   |                |             |                |              |
| TAX06      | 309       | <b>Location Qualifier</b>  | C              | ID          | 1/2            | Not used     |
|            |           | <b>Description:</b> Code identifying type of location.   |                |             |                |              |
| TAX07      | 310       | <b>Location Identifier</b>   | C              | AN          | 1/30           | Not used     |
|            |           | <b>Description:</b> Code which identifies a specific location.   |                |             |                |              |
| TAX08      | 309       | <b>Location Qualifier</b>  | C              | ID          | 1/2            | Not used     |
|            |           | <b>Description:</b> Code identifying type of location.   |                |             |                |              |
| TAX09      | 310       | <b>Location Identifier</b>   | C              | AN          | 1/30           | Not used     |
|            |           | <b>Description:</b> Code which identifies a specific location.   |                |             |                |              |
| TAX10      | 309       | <b>Location Qualifier</b>  | C              | ID          | 1/2            | Not used     |
|            |           | <b>Description:</b> Code identifying type of location.   |                |             |                |              |
| TAX11      | 310       | <b>Location Identifier</b>   | C              | AN          | 1/30           | Not used     |
|            |           | <b>Description:</b> Code which identifies a specific location.   |                |             |                |              |
| TAX12      | 441       | <b>Tax Exempt Code</b>   | O              | ID          | 1/1            | Used         |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------|------------|-------------|----------------|--------------|
|------------|-----------|---------------------|------------|-------------|----------------|--------------|

**Description:** Code identifying exemption status from sales and use tax.

**CodeList Summary** (Total Codes: 17, Included: 13)

**Code Name**

|   |                                 |
|---|---------------------------------|
| 0 | Exempt (For Export)             |
| 1 | Yes (Tax Exempt)                |
| 2 | No (Not Tax Exempt)             |
| 3 | Exempt (For Resale)             |
| 4 | Not Exempt/For Resale           |
| 5 | Exempt (Not For Resale)         |
| 6 | Not Exempt                      |
| 7 | Direct Pay ID                   |
| 8 | Exempt (Sale to U.S. Govt)      |
| 9 | Exempt (Per State Law)          |
| A | Labor Taxable (Material Exempt) |
| B | Material Taxable (Labor Exempt) |
| C | Not Taxable                     |

**Syntax Rules:**

1. R0103 - At least one of TAX01 or TAX03 is required.
2. P0203 - If either TAX02 or TAX03 is present, then the other is required.
3. P0405 - If either TAX04 or TAX05 is present, then the other is required.
4. P0607 - If either TAX06 or TAX07 is present, then the other is required.
5. P0809 - If either TAX08 or TAX09 is present, then the other is required.
6. P1011 - If either TAX10 or TAX11 is present, then the other is required.

**Comments:**

1. Tax ID number is, in many instances, referred to as a "Tax Exemption Number." The paired (combined) use of data elements 309 and 310 provides for the designation of five (5) taxing jurisdictions.
2. TAX01 is required if tax exemption is being claimed.

**Truck:**

*Refer to the "Appendix" at the end of this guide for MRO Example(s).*

**Engine:**

*Refer to the "Appendix" at the end of this guide for MRO Example(s).*

**Service Parts:**

*This Segment Not Used.*

# FOB F.O.B. Related Instructions

|                    |             |
|--------------------|-------------|
| Pos: 080           | Max: >1     |
| Heading - Optional |             |
| Loop: N/A          | Elements: 9 |

**User Option (Usage):** Used

**Purpose:** To specify transportation instructions relating to 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> |
|------------|-----------|----------------------------|------------|-------------|----------------|--------------|
| FOB01      | 146       | Shipment Method of Payment | M          | ID          | 2/2            | Used         |

**Description:** Code identifying payment terms for transportation charges.

**CodeList Summary** (Total Codes: 28, Included: 9)

**Code Name**

BP Paid by Buyer

**Description:** The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location)

CC Collect

CF Collect, Freight Credited back to Customer

DE Per Contract

**Description:** Destination with exceptions as agreed between buyer and seller

DF Defined by Buyer and Seller

PC Prepaid but Charged to Customer

PP Prepaid (by Seller)

PS Paid by Seller

**Description:** The seller agrees to the transportation payment term requiring the seller to pay transportation charges to a specified location (origin or destination location)

PU Pickup

|       |     |                    |   |    |     |      |
|-------|-----|--------------------|---|----|-----|------|
| FOB02 | 309 | Location Qualifier | C | ID | 1/2 | Used |
|-------|-----|--------------------|---|----|-----|------|

**Description:** Code identifying type of location.

**CodeList Summary** (Total Codes: 83, Included: 4)

**Code Name**

DE Destination (Shipping)

FA Factory

OR Origin (Shipping Point)

ZZ Mutually Defined

|       |     |             |   |    |      |      |
|-------|-----|-------------|---|----|------|------|
| FOB03 | 352 | Description | O | AN | 1/80 | Used |
|-------|-----|-------------|---|----|------|------|

**Description:** A free-form description to clarify the related data elements and their content.

**Trading Partner:** If location qualifier = "OR", value should be the first three characters of the shipping point city; else, freight terms description.

|       |     |                                     |   |    |     |          |
|-------|-----|-------------------------------------|---|----|-----|----------|
| FOB04 | 334 | Transportation Terms Qualifier Code | O | ID | 2/2 | Not used |
|-------|-----|-------------------------------------|---|----|-----|----------|

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u>  | <u>Req</u>              | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--|-------------------------|-------------|----------------|--------------|
|            |           | <b>Description:</b> Code identifying the source of the transportation terms.   |                         |             |                |              |
| FOB05      | 335       | <b>Transportation Terms Code</b>   | C                       | ID          | 3/3            | Not used     |
|            |           | <b>Description:</b> Code identifying the trade terms which apply to the shipment transportation responsibility.  |                         |             |                |              |
| FOB06      | 309       | <b>Location Qualifier</b>  | C                       | ID          | 1/2            | Used         |
|            |           | <b>Description:</b> Code identifying type of location.   |                         |             |                |              |
|            |           | 1. Use to identify the acceptance point. This code also identifies the inspection location when it is the same as the acceptance point.  |                         |             |                |              |
|            |           | 2. When inspection point differs from acceptance point, use the 1/N1/310 loop, citing code L1 in N101 followed by the N103/N104 or in N1-N4 as a full address.   |                         |             |                |              |
|            |           | <b>CodeList Summary</b> (Total Codes: 83, Included: 3)   |                         |             |                |              |
|            |           | <b>Code</b>  | <b>Name</b>             |             |                |              |
|            |           | DE   | Destination (Shipping)  |             |                |              |
|            |           | OR   | Origin (Shipping Point) |             |                |              |
|            |           | ZZ   | Mutually Defined        |             |                |              |
|            |           | <b>Description:</b>  |                         |             |                |              |
|            |           | 1. Use ZZ to indicate the acceptance point is neither at origin nor at destination. When both the acceptance and inspection points are the same location but neither origin nor destination, use the 1/N1/310 loop, citing ZZ in N101.   |                         |             |                |              |
|            |           | 2. If both acceptance and inspection points are at different locations and neither are at origin nor destination use 1/N1/310 loop to provide acceptance point address, citing ZZ in the N101, and the inspection point in another iteration of the N1 loop, citing code L1 in N101. |                         |             |                |              |
| FOB07      | 352       | <b>Description</b>   | O                       | AN          | 1/80           | Not used     |
|            |           | <b>Description:</b> A free-form description to clarify the related data elements and their content.  |                         |             |                |              |
| FOB08      | 54        | <b>Risk of Loss Qualifier</b>  | O                       | ID          | 2/2            | Not used     |
|            |           | <b>Description:</b> Code specifying where responsibility for risk of loss passes.  |                         |             |                |              |
| FOB09      | 352       | <b>Description</b>   | C                       | AN          | 1/80           | Not used     |
|            |           | <b>Description:</b> A free-form description to clarify the related data elements and their content.  |                         |             |                |              |

**Syntax Rules:**

1. C0302 - If FOB03 is present, then FOB02 is required.
2. C0405 - If FOB04 is present, then FOB05 is required.
3. C0706 - If FOB07 is present, then FOB06 is required.
4. C0809 - If FOB08 is present, then FOB09 is required.

**Semantics:**

1. FOB01 indicates which party will pay the carrier.
2. FOB02 is the code specifying transportation responsibility location.
3. FOB06 is the code specifying the title passage location.
4. FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

**Truck:**

*Refer to the "Appendix" at the end of this guide for Example(s) and MRO Example(s).*

**Engine:**

*Refer to the "Appendix" at the end of this guide for MRO Example(s).*

**Service Parts:**

*Refer to the "Appendix" at the end of this guide for Example(s).*

# ITD Terms of Sale/Deferred Terms of Sale

Pos: 130      Max: 5  
 Heading - Optional  
 Loop: N/A    Elements: 15

**User Option (Usage):** Used

**Purpose:** To specify terms of sale.

## 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> |
|------------|-----------|---------------------|------------|-------------|----------------|--------------|
| ITD01      | 336       | Terms Type Code     | O          | ID          | 2/2            | Used         |

**Description:** Code identifying type of payment terms.

**CodeList Summary** (Total Codes: 28, Included: 8)

**Code Name**

- 01 Basic
- 08 Basic Discount Offered
- 09 Proximo
- 10 Instant
- 15 Special Proximo
- 17 Terms not Applicable
- 23 Payment Due Upon Receipt of Invoice
- PP Prepayment

|       |     |                       |   |    |     |      |
|-------|-----|-----------------------|---|----|-----|------|
| ITD02 | 333 | Terms Basis Date Code | O | ID | 1/2 | Used |
|-------|-----|-----------------------|---|----|-----|------|

**Description:** Code identifying the beginning of the terms period.

**CodeList Summary** (Total Codes: 15, Included: 1)

**Code Name**

- 3 Invoice Date

|       |     |                        |   |   |     |      |
|-------|-----|------------------------|---|---|-----|------|
| ITD03 | 338 | Terms Discount Percent | O | R | 1/6 | Used |
|-------|-----|------------------------|---|---|-----|------|

**Description:** Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date.

|       |     |                         |   |    |     |          |
|-------|-----|-------------------------|---|----|-----|----------|
| ITD04 | 370 | Terms Discount Due Date | C | DT | 6/6 | Not used |
|-------|-----|-------------------------|---|----|-----|----------|

**Description:** Date payment is due if discount is to be earned.

|       |     |                         |   |    |     |      |
|-------|-----|-------------------------|---|----|-----|------|
| ITD05 | 351 | Terms Discount Days Due | C | N0 | 1/3 | Used |
|-------|-----|-------------------------|---|----|-----|------|

**Description:** Number of days in the terms discount period by which payment is due if terms discount is earned.

|       |     |                    |   |    |     |          |
|-------|-----|--------------------|---|----|-----|----------|
| ITD06 | 446 | Terms Net Due Date | O | DT | 6/6 | Not used |
|-------|-----|--------------------|---|----|-----|----------|

**Description:** Date when total invoice amount becomes due.

|       |     |                |   |    |     |      |
|-------|-----|----------------|---|----|-----|------|
| ITD07 | 386 | Terms Net Days | O | N0 | 1/3 | Used |
|-------|-----|----------------|---|----|-----|------|

**Description:** Number of days until total invoice amount is due (discount not applicable).

|       |     |                       |   |    |      |          |
|-------|-----|-----------------------|---|----|------|----------|
| ITD08 | 362 | Terms Discount Amount | O | N2 | 1/10 | Not used |
|-------|-----|-----------------------|---|----|------|----------|

**Description:** Total amount of terms discount.

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u>  | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--|------------|-------------|----------------|--------------|
| ITD09      | 388       | <b>Terms Deferred Due Date</b>   | O          | DT          | 6/6            | Not used     |
|            |           | <b>Description:</b> Date deferred payment or percent of invoice payable is due.  |            |             |                |              |
| ITD10      | 389       | <b>Deferred Amount Due</b>   | C          | N2          | 1/10           | Not used     |
|            |           | <b>Description:</b> Deferred amount due for payment.   |            |             |                |              |
| ITD11      | 342       | <b>Percent of Invoice Payable</b>  | C          | R           | 1/5            | Not used     |
|            |           | <b>Description:</b> Amount of invoice payable expressed in percent.  |            |             |                |              |
| ITD12      | 352       | <b>Description</b>   | O          | AN          | 1/80           | Not used     |
|            |           | <b>Description:</b> A free-form description to clarify the related data elements and their content.                        |            |             |                |              |
| ITD13      | 765       | <b>Day of Month</b>  | C          | N0          | 1/2            | Used         |
|            |           | <b>Description:</b> The numeric value of the day of the month between 1 and the maximum day of the month being referenced. |            |             |                |              |
| ITD14      | 107       | <b>Payment Method Code</b>   | O          | ID          | 1/1            | Not used     |
|            |           | <b>Description:</b> Code identifying type of payment procedures.   |            |             |                |              |
| ITD15      | 954       | <b>Percent</b>   | O          | R           | 1/10           | Not used     |
|            |           | <b>Description:</b> Percentage expressed as a decimal  |            |             |                |              |

**Syntax Rules:**

1. L03040513 - If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 is required.
2. L08040513 - If ITD08 is present, then at least one of ITD04, ITD05 or ITD13 is required.
3. L091011 - If ITD09 is present, then at least one of ITD10 or ITD11 is required.

**Semantics:**

1. ITD15 is the percentage applied to a base amount used to determine a late payment charge.

**Comments:**

1. If the code in ITD01 is 04, then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is 05, then ITD06 or ITD07 is required.

**Truck:**

*Refer to the "Appendix" at the end of this guide for Example(s) and MRO Example(s).*

**Engine:**

*Refer to the "Appendix" at the end of this guide for MRO Example(s).*

**Service Parts:**

*Refer to the "Appendix" at the end of this guide for Example(s).*

# DTM Date/Time Reference

|                    |             |
|--------------------|-------------|
| Pos: 150           | Max: 10     |
| Heading - Optional |             |
| Loop: N/A          | Elements: 7 |

**User Option (Usage):** Used

**Purpose:** To specify pertinent dates and times

## 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> |             |             |     |                    |     |           |                       |  |   |  |     |                |     |           |     |                   |
|--|--------------------|--|------------|-------------|----------------|--------------|-------------|-------------|-----|--------------------|-----|-----------|-----------------------|--|---|--|-----|----------------|-----|-----------|-----|-------------------|
| DTM01  | 374                | <b>Date/Time Qualifier</b>               | M          | ID          | 3/3            | Used         |             |             |     |                    |     |           |                       |  |   |  |     |                |     |           |     |                   |
| <p><b>Description:</b> Code specifying type of date or time, or both date and time.</p> <p><b>CodeList Summary</b> (Total Codes: 600, Included: 5)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>002</td> <td>Delivery Requested</td> </tr> <tr> <td>007</td> <td>Effective</td> </tr> <tr> <td colspan="2"><b>Service Parts:</b></td> </tr> <tr> <td colspan="2">Military Orders to convey award effective date.</td> </tr> <tr> <td>010</td> <td>Requested Ship</td> </tr> <tr> <td>055</td> <td>Confirmed</td> </tr> <tr> <td>996</td> <td>Required Delivery</td> </tr> </tbody> </table> <p><b>Description:</b> A date on which or before, ordered goods or services must be delivered</p> |                    |  |            |             |                |              | <u>Code</u> | <u>Name</u> | 002 | Delivery Requested | 007 | Effective | <b>Service Parts:</b> |  | Military Orders to convey award effective date. |  | 010 | Requested Ship | 055 | Confirmed | 996 | Required Delivery |
| <u>Code</u>  | <u>Name</u>        |  |            |             |                |              |             |             |     |                    |     |           |                       |  |   |  |     |                |     |           |     |                   |
| 002  | Delivery Requested |  |            |             |                |              |             |             |     |                    |     |           |                       |  |   |  |     |                |     |           |     |                   |
| 007  | Effective          |  |            |             |                |              |             |             |     |                    |     |           |                       |  |   |  |     |                |     |           |     |                   |
| <b>Service Parts:</b>  |                    |  |            |             |                |              |             |             |     |                    |     |           |                       |  |   |  |     |                |     |           |     |                   |
| Military Orders to convey award effective date.  |                    |  |            |             |                |              |             |             |     |                    |     |           |                       |  |   |  |     |                |     |           |     |                   |
| 010  | Requested Ship     |  |            |             |                |              |             |             |     |                    |     |           |                       |  |   |  |     |                |     |           |     |                   |
| 055  | Confirmed          |  |            |             |                |              |             |             |     |                    |     |           |                       |  |   |  |     |                |     |           |     |                   |
| 996  | Required Delivery  |  |            |             |                |              |             |             |     |                    |     |           |                       |  |   |  |     |                |     |           |     |                   |
| DTM02  | 373                | <b>Date</b>                              | C          | DT          | 6/6            | Used         |             |             |     |                    |     |           |                       |  |   |  |     |                |     |           |     |                   |
| <p><b>Description:</b> Date (YYMMDD).</p>  |                    |  |            |             |                |              |             |             |     |                    |     |           |                       |  |   |  |     |                |     |           |     |                   |
| DTM03  | 337                | <b>Time</b>                              | C          | TM          | 4/8            | Not used     |             |             |     |                    |     |           |                       |  |   |  |     |                |     |           |     |                   |
| <p><b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)</p>   |                    |  |            |             |                |              |             |             |     |                    |     |           |                       |  |   |  |     |                |     |           |     |                   |
| DTM04  | 623                | <b>Time Code</b>                         | O          | ID          | 2/2            | Not used     |             |             |     |                    |     |           |                       |  |   |  |     |                |     |           |     |                   |
| <p><b>Description:</b> 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.</p>   |                    |  |            |             |                |              |             |             |     |                    |     |           |                       |  |   |  |     |                |     |           |     |                   |
| DTM05  | 624                | <b>Century</b>                           | O          | N0          | 2/2            | Not used     |             |             |     |                    |     |           |                       |  |   |  |     |                |     |           |     |                   |
| <p><b>Description:</b> The first two characters in the designation of the year (CCYY).</p>   |                    |  |            |             |                |              |             |             |     |                    |     |           |                       |  |   |  |     |                |     |           |     |                   |
| DTM06  | 1250               | <b>Date Time Period Format Qualifier</b> | C          | ID          | 2/3            | Not used     |             |             |     |                    |     |           |                       |  |   |  |     |                |     |           |     |                   |
| <p><b>Description:</b> Code indicating the date format, time format, or date and time format.</p>  |                    |  |            |             |                |              |             |             |     |                    |     |           |                       |  |   |  |     |                |     |           |     |                   |
| DTM07  | 1251               | <b>Date Time Period</b>                  | C          | AN          | 1/35           | Not used     |             |             |     |                    |     |           |                       |  |   |  |     |                |     |           |     |                   |
| <p><b>Description:</b> Expression of a date, a time, or range of dates, times or dates and times.</p>  |                    |  |            |             |                |              |             |             |     |                    |     |           |                       |  |   |  |     |                |     |           |     |                   |

## Syntax Rules:

1. R020306 - At least one of DTM02, DTM03 or DTM06 is required.

2. P0607 - If either DTM06 or DTM07 is present, then the other is required.

**Truck:**

*Refer to the "Appendix" at the end of this guide for MRO Example(s).*

**Engine:**

*Refer to the "Appendix" at the end of this guide for MRO Example(s).*

**Service Parts:**

*Refer to the "Appendix" at the end of this guide for Example(s).*

# TD5 Carrier Details (Routing Sequence/Transit Time)

|                    |              |
|--------------------|--------------|
| Pos: 240           | Max: 12      |
| Heading - Optional |              |
| Loop: N/A          | Elements: 12 |

**User Option (Usage):** Used

**Purpose:** To specify the carrier, sequence of routing and to provide transit time information

## 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> |
|---|-----------|--|------------|-------------|----------------|--------------|
| TD501   | 133       | <b>Routing Sequence Code</b>           | O          | ID          | 1/2            | Not used     |
| <b>Description:</b> Code describing the relationship of a carrier to a specific shipment movement.  |           |  |            |             |                |              |
| TD502   | 66        | <b>Identification Code Qualifier</b>   | C          | ID          | 1/2            | Used         |
| <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67).   |           |  |            |             |                |              |
| <b>CodeList Summary</b> (Total Codes: 138, Included: 2)   |           |  |            |             |                |              |
| <b>Code Name</b>  |           |  |            |             |                |              |
| 2 Standard Carrier Alpha Code (SCAC)  |           |  |            |             |                |              |
| 93 Code assigned by the organization originating the transaction set  |           |  |            |             |                |              |
| <b>Service Parts:</b>   |           |  |            |             |                |              |
| Direct Ship, if TD502 = 93, the TD503 will not contain valid Standard Carrier Alpha Code (SCAC). The TD505 will provide definition for non standard SCAC provided in TD503 i.e. SHIP the Best Way; Or will provide instructions for shipping. |           |  |            |             |                |              |
| TD503   | 67        | <b>Identification Code</b>             | C          | AN          | 2/17           | Used         |
| <b>Description:</b> Code identifying a party or other code.   |           |  |            |             |                |              |
| TD504   | 91        | <b>Transportation Method/Type Code</b> | C          | ID          | 1/2            | Not used     |
| <b>Description:</b> Code specifying the method or type of transportation for the shipment.  |           |  |            |             |                |              |
| TD505   | 387       | <b>Routing</b>                         | C          | AN          | 1/35           | Used         |
| <b>Description:</b> Free-form description of the routing or requested routing for shipment, or the originating carrier's identity.  |           |  |            |             |                |              |
| TD506   | 368       | <b>Shipment/Order Status Code</b>      | C          | ID          | 2/2            | Not used     |
| <b>Description:</b> Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction.   |           |  |            |             |                |              |
| TD507   | 309       | <b>Location Qualifier</b>              | O          | ID          | 1/2            | Not used     |
| <b>Description:</b> Code identifying type of location.  |           |  |            |             |                |              |
| TD508   | 310       | <b>Location Identifier</b>             | C          | AN          | 1/30           | Not used     |
| <b>Description:</b> Code which identifies a specific location.  |           |  |            |             |                |              |
| TD509   | 731       | <b>Transit Direction Code</b>          | O          | ID          | 2/2            | Not used     |
| <b>Description:</b> The point of origin and point of direction.   |           |  |            |             |                |              |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u>   | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| TD510      | 732       | <b>Transit Time Direction Qualifier</b>   | O          | ID          | 2/2            | Not used     |
|            |           | <b>Description:</b> Code specifying the value of time used to measure the transit time. |            |             |                |              |
| TD511      | 733       | <b>Transit Time</b>   | C          | R           | 1/4            | Not used     |
|            |           | <b>Description:</b> The numeric amount of transit time.                                 |            |             |                |              |
| TD512      | 284       | <b>Service Level Code</b>   | C          | ID          | 2/2            | Not used     |
|            |           | <b>Description:</b> Code defining service   |            |             |                |              |

### Syntax Rules:

1. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.
2. C0203 - If TD502 is present, then TD503 is required.
3. C0708 - If TD507 is present, then TD508 is required.
4. C1011 - If TD510 is present, then TD511 is required.

### Comments:

1. When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement: use TD502 to identify the party responsible for defining the routing sequence; use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

#### Truck:

*This Segment is Not Used.*

#### Engine:

*This Segment is Not Used.*

#### Service Parts:

*Refer to the "Appendix" at the end of this guide for Example(s).*

# MAN Marks and Numbers

|                    |             |
|--------------------|-------------|
| Pos: 270           | Max: 10     |
| Heading - Optional |             |
| Loop: N/A          | Elements: 6 |

**User Option (Usage):** Used

**Purpose:** To indicate identifying marks and numbers for shipping containers

## 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> |
|------------|-----------|-----------------------------|------------|-------------|----------------|--------------|
| MAN01      | 88        | Marks and Numbers Qualifier | M          | ID          | 1/2            | Must use     |

**Description:** Code specifying the application or source of Marks and Numbers (87).

**CodeList Summary** (Total Codes: 15, Included: 1)

**Code Name**

S Entire Shipment

|       |    |                   |   |    |      |          |
|-------|----|-------------------|---|----|------|----------|
| MAN02 | 87 | Marks and Numbers | M | AN | 1/45 | Must use |
|-------|----|-------------------|---|----|------|----------|

**Description:** Marks and numbers used to identify a shipment or parts of a shipment.

|       |    |                   |   |    |      |          |
|-------|----|-------------------|---|----|------|----------|
| MAN03 | 87 | Marks and Numbers | O | AN | 1/45 | Not used |
|-------|----|-------------------|---|----|------|----------|

**Description:** Marks and numbers used to identify a shipment or parts of a shipment.

|       |    |                             |   |    |     |      |
|-------|----|-----------------------------|---|----|-----|------|
| MAN04 | 88 | Marks and Numbers Qualifier | O | ID | 1/2 | Used |
|-------|----|-----------------------------|---|----|-----|------|

**Description:** Code specifying the application or source of Marks and Numbers (87).

**CodeList Summary** (Total Codes: 15, Included: 1)

**Code Name**

S Entire Shipment

|       |    |                   |   |    |      |      |
|-------|----|-------------------|---|----|------|------|
| MAN05 | 87 | Marks and Numbers | O | AN | 1/45 | Used |
|-------|----|-------------------|---|----|------|------|

**Description:** Marks and numbers used to identify a shipment or parts of a shipment.

|       |    |                   |   |    |      |          |
|-------|----|-------------------|---|----|------|----------|
| MAN06 | 87 | Marks and Numbers | O | AN | 1/45 | Not used |
|-------|----|-------------------|---|----|------|----------|

**Description:** Marks and numbers used to identify a shipment or parts of a shipment.

## Semantics:

1. When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
2. When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

### Truck:

*This Segment is Not Used.*

### Engine:

*This Segment is Not Used.*

**Service Parts:**

*Refer to the "Appendix" at the end of this guide for Example(s).*

# N1 Name

|                           |                    |
|---------------------------|--------------------|
| <b>Pos: 310</b>           | <b>Max: 1</b>      |
| <b>Heading - Optional</b> |                    |
| <b>Loop: N1</b>           | <b>Elements: 6</b> |

**User Option (Usage):** Used

**Purpose:** To identify a party by type of organization, name and 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> |
|------------|-----------|-------------------------------|------------|-------------|----------------|--------------|
| N101       | 98        | <b>Entity Identifier Code</b> | M          | ID          | 2/2            | Used         |

**Description:** Code identifying an organizational entity, a physical location, or an individual

**CodeList Summary** (Total Codes: 687, Included: 6)

**Code Name**

- BT Bill-to-Party
- BY Buying Party (Purchaser)
- MI Planning Schedule/Material Release Issuer
- SO Sold To If Different From Bill To
- ST Ship To
- SU Supplier/Manufacturer

|      |    |             |   |    |      |      |
|------|----|-------------|---|----|------|------|
| N102 | 93 | <b>Name</b> | C | AN | 1/35 | Used |
|------|----|-------------|---|----|------|------|

**Description:** Free-form name.

|      |    |                                      |   |    |     |      |
|------|----|--------------------------------------|---|----|-----|------|
| N103 | 66 | <b>Identification Code Qualifier</b> | C | ID | 1/2 | Used |
|------|----|--------------------------------------|---|----|-----|------|

**Description:** Code designating the system/method of code structure used for Identification Code (67).

**CodeList Summary** (Total Codes: 138, Included: 2)

**Code Name**

- 10 Department of Defense Activity Address Code (DODAAC)  
**Description:** Use 10 to indicate either a Department of Defense Activity Address Code or a Civilian Agency Activity Address Code.
- 92 Assigned by Buyer or Buyer's Agent

|      |    |                            |   |    |      |      |
|------|----|----------------------------|---|----|------|------|
| N104 | 67 | <b>Identification Code</b> | C | AN | 2/17 | Used |
|------|----|----------------------------|---|----|------|------|

**Description:** Code identifying a party or other code.

**Trading Partner:**

- If N101 = "SU",  
N104 value should be Supplier Code assigned by Navistar.
- If N101 = "ST",  
N104 value is usually the Ship to Code for Navistar Plants, PDC's, or Packagers.

*See Appendix of Navistar Ship to Location codes for location codes and addresses .*

**Service Parts:**

**SPECIAL NOTE FOR DIRECT SHIP ORDERS:**

**If shipping Direct to Dealer**

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u>   | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
|            |           | <p>If N101 = "ST",<br/>                     N102 contains the Dealers Name, and<br/>                     N104 contains the Dealers Ship to Code.<br/>                     N3 &amp; N4 segments contain the Dealers ship to address.<br/> <i>Service Parts Direct Ship Suppliers will receive Dealer Ship to Codes separately</i></p> <p><b><u>If shipping to Customer or Special Address</u></b><br/>                     The address normally associated with the Dealers Ship to code cannot be used for shipping.<br/>                     In this case;<br/>                     N101 = "SO" and<br/>                     N104 will contain the Dealers Ship to Code to be used for billing.<br/>                     If N101 = "ST" and N102 contains the Customer Name,<br/>                     N104 will <u>not</u> be present.<br/>                     N3 &amp; N4 segments will contain the ship to address of the Customer that must be used for shipping.<br/>                     If N101 = "MI"<br/>                     N104 will contain the Dealers Home PDC.</p> |            |             |                |              |
| N105       | 706       | <b>Entity Relationship Code</b>   | O          | ID          | 2/2            | Not used     |
|            |           | <b>Description:</b> Code describing entity relationship.  |            |             |                |              |
| N106       | 98        | <b>Entity Identifier Code</b>   | O          | ID          | 2/2            | Not used     |
|            |           | <b>Description:</b> Code identifying an organizational entity, a physical location, or an individual  |            |             |                |              |

**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.

**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.

**Truck:**

*Refer to the "Appendix" at the end of this guide for Example(s) and MRO Example(s).*

**Engine:**

*Refer to the "Appendix" at the end of this guide for MRO Example(s).*

**Service Parts:**

*Refer to the "Appendix" at the end of this guide for Example(s).*

# N3 Address Information

|                    |             |
|--------------------|-------------|
| Pos: 330           | Max: 2      |
| Heading - Optional |             |
| Loop: N1           | Elements: 2 |

**User Option (Usage):** Used

**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          | 1/35           | Used         |
|            |           | <b>Description:</b> Address information |            |             |                |              |
| N302       | 166       | Address Information                     | O          | AN          | 1/35           | Used         |
|            |           | <b>Description:</b> Address information |            |             |                |              |

**Service Parts:** All Orders for Service Parts will be sent with N3 & N4 segments and will reflect the final shipping destination. For Shipments to our PDC or Packagers please refer to the Transportation Routing Matrix for exact shipping instructions. Failure to comply will result in charge backs.

### Truck:

*This Segment is Not Used.*

### Engine:

*This Segment is Not Used.*

### Service Parts:

*Refer to the "Appendix" at the end of this guide for Example(s).*

# N4 Geographic Location

|                    |             |
|--------------------|-------------|
| Pos: 340           | Max: 1      |
| Heading - Optional |             |
| Loop: N1           | Elements: 6 |

**User Option (Usage):** Used

**Purpose:** To specify the geographic place 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> |
|------------|-----------|--|------------|-------------|----------------|--------------|
| N401       | 19        | <b>City Name</b>   | O          | AN          | 2/30           | Used         |
|            |           | <b>Description:</b> Free-form text for city name.  |            |             |                |              |
| N402       | 156       | <b>State or Province Code</b>  | O          | ID          | 2/2            | Used         |
|            |           | <b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency.  |            |             |                |              |
| N403       | 116       | <b>Postal Code</b>   | O          | ID          | 3/9            | Used         |
|            |           | <b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States).  |            |             |                |              |
| N404       | 26        | <b>Country Code</b>  | O          | ID          | 2/3            | Used         |
|            |           | <b>Description:</b> Code identifying the country.  |            |             |                |              |
| N405       | 309       | <b>Location Qualifier</b>  | C          | ID          | 1/2            | Used         |
|            |           | <b>Description:</b> Code identifying type of location.   |            |             |                |              |
| N406       | 310       | <b>Location Identifier</b>   | O          | AN          | 1/30           | Used         |
|            |           | <b>Description:</b> Code which identifies a specific location.   |            |             |                |              |
|            |           | <b>Service Parts:</b> All Orders for Service Parts will be sent with N3 & N4 segments and will reflect the final shipping destination. For Shipments to our PDC or Packagers please refer to the Transportation Routing Matrix for exact shipping instructions. Failure to comply will result in charge backs. |            |             |                |              |

## Syntax Rules:

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

## Comments:

1. A combination of either N401 through N404 (or N405 and N406) may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the USA or Canada.

### Truck:

*This Segment is Not Used.*

### Engine:

*This Segment is Not Used.*

### Service Parts:

*Refer to the "Appendix" at the end of this guide for Example(s).*

# PER Administrative Communications Contact

|                    |             |
|--------------------|-------------|
| Pos: 360           | Max: 3      |
| Heading - Optional |             |
| Loop: N1           | Elements: 6 |

**User Option (Usage):** Used

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

## 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> |
|--|-----------|---------------------------------------|------------|-------------|----------------|--------------|
| PER01  | 366       | <b>Contact Function Code</b>          | M          | ID          | 2/2            | Used         |
| <p><b>Description:</b> Code identifying the major duty or responsibility of the person or group named.</p> <p><b>CodeList Summary</b> (Total Codes: 154, Included: 4)</p> <p><b>Code Name</b></p> <p>BD Buyer Name or Department</p> <p>DC Delivery Contact</p> <p>OC Order Contact</p> <p>SU Supplier Contact</p> |           |                                       |            |             |                |              |
| PER02  | 93        | <b>Name</b>                           | O          | AN          | 1/35           | Used         |
| <p><b>Description:</b> Free-form name.</p>   |           |                                       |            |             |                |              |
| PER03  | 365       | <b>Communication Number Qualifier</b> | C          | ID          | 2/2            | Used         |
| <p><b>Description:</b> Code identifying the type of communication number.</p> <p><b>CodeList Summary</b> (Total Codes: 20, Included: 2)</p> <p><b>Code Name</b></p> <p>FX Facsimile</p> <p>TE Telephone</p>  |           |                                       |            |             |                |              |
| PER04  | 364       | <b>Communication Number</b>           | C          | AN          | 1/80           | Used         |
| <p><b>Description:</b> Complete communications number including country or area code when applicable.</p>  |           |                                       |            |             |                |              |
| PER05  | 365       | <b>Communication Number Qualifier</b> | C          | ID          | 2/2            | Used         |
| <p><b>Description:</b> Code identifying the type of communication number.</p> <p><b>CodeList Summary</b> (Total Codes: 20, Included: 2)</p> <p><b>Code Name</b></p> <p>FX Facsimile</p> <p>TE Telephone</p>  |           |                                       |            |             |                |              |
| PER06  | 364       | <b>Communication Number</b>           | C          | AN          | 1/80           | Used         |
| <p><b>Description:</b> Complete communications number including country or area code when applicable.</p>  |           |                                       |            |             |                |              |

## Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.

**Truck:**

*Refer to the "Appendix" at the end of this guide for Examples and MRO Example(s).*

**Engine:**

*Refer to the "Appendix" at the end of this guide for MRO Example(s).*

**Service Parts:**

*Refer to the "Appendix" at the end of this guide for Example(s).*

# PO1 Baseline Item Data

|                    |              |
|--------------------|--------------|
| Pos: 010           | Max: 1       |
| Detail - Mandatory |              |
| Loop: PO1          | Elements: 25 |

**User Option (Usage):** Used

**Purpose:** To specify basic and most frequently used line item data

## 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> |
|--|-----------|---|------------|-------------|----------------|--------------|
| PO101  | 350       | <b>Assigned Identification</b>            | O          | AN          | 1/11           | Used         |
| <b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set.                                 |           |   |            |             |                |              |
| PO102  | 330       | <b>Quantity Ordered</b>                   | C          | R           | 1/9            | Used         |
| <b>Description:</b> Quantity ordered.  |           |   |            |             |                |              |
| PO103  | 355       | <b>Unit or Basis for Measurement Code</b> | O          | ID          | 2/2            | Used         |
| <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken |           |   |            |             |                |              |
| <b>Trading Partner:</b> Navistar will use any ANSI X12 code.   |           |   |            |             |                |              |
| PO104  | 212       | <b>Unit Price</b>                         | C          | R           | 1/14           | Used         |
| <b>Description:</b> Price per unit of product, service, commodity, etc.  |           |   |            |             |                |              |
| PO105  | 639       | <b>Basis of Unit Price Code</b>           | O          | ID          | 2/2            | Used         |
| <b>Description:</b> Code identifying the type of unit price for an item.   |           |   |            |             |                |              |
| <b>CodeList Summary</b> (Total Codes: 81, Included: 3)   |           |   |            |             |                |              |
| <b>Code Name</b>   |           |   |            |             |                |              |
| HP Price per Hundred   |           |   |            |             |                |              |
| PE Price per Each  |           |   |            |             |                |              |
| TP Price per Thousand  |           |   |            |             |                |              |
| PO106  | 235       | <b>Product/Service ID Qualifier</b>       | O          | ID          | 2/2            | Used         |
| <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).                   |           |   |            |             |                |              |
| <b>CodeList Summary</b> (Total Codes: 307, Included: 5)  |           |   |            |             |                |              |
| <b>Code Name</b>   |           |   |            |             |                |              |
| BP Buyer's Part Number   |           |   |            |             |                |              |
| FS National Stock Number   |           |   |            |             |                |              |
| PD Part Number Description   |           |   |            |             |                |              |
| VP Vendor's (Seller's) Part Number   |           |   |            |             |                |              |
| ZB Commercial and Government Entity (CAGE) Code  |           |   |            |             |                |              |
| <b>Description:</b> A code that identifies a commercial contractor authorized to do business with the U.S. government              |           |   |            |             |                |              |
| PO107  | 234       | <b>Product/Service ID</b>                 | C          | AN          | 1/30           | Used         |
| <b>Description:</b> Identifying number for a product or service.   |           |   |            |             |                |              |

| <u>Ref</u>   | <u>Id</u> | <u>Element Name</u>                 | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|--|-----------|-------------------------------------|------------|-------------|----------------|--------------|
| PO108  | 235       | <b>Product/Service ID Qualifier</b> | O          | ID          | 2/2            | Used         |
| <p><b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).</p> <p><b>CodeList Summary</b> (Total Codes: 307, Included: 5)</p> <p><b>Code Name</b></p> <p>BP Buyer's Part Number</p> <p>FS National Stock Number</p> <p>PD Part Number Description</p> <p>VP Vendor's (Seller's) Part Number</p> <p>ZB Commercial and Government Entity (CAGE) Code</p> <p><b>Description:</b> A code that identifies a commercial contractor authorized to do business with the U.S. government</p> |           |                                     |            |             |                |              |
| PO109  | 234       | <b>Product/Service ID</b>           | C          | AN          | 1/30           | Used         |
| <p><b>Description:</b> Identifying number for a product or service.</p>  |           |                                     |            |             |                |              |
| PO110  | 235       | <b>Product/Service ID Qualifier</b> | O          | ID          | 2/2            | Used         |
| <p><b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).</p> <p><b>CodeList Summary</b> (Total Codes: 307, Included: 5)</p> <p><b>Code Name</b></p> <p>BP Buyer's Part Number</p> <p>FS National Stock Number</p> <p>PD Part Number Description</p> <p>VP Vendor's (Seller's) Part Number</p> <p>ZB Commercial and Government Entity (CAGE) Code</p> <p><b>Description:</b> A code that identifies a commercial contractor authorized to do business with the U.S. government</p> |           |                                     |            |             |                |              |
| PO111  | 234       | <b>Product/Service ID</b>           | C          | AN          | 1/30           | Used         |
| <p><b>Description:</b> Identifying number for a product or service.</p>  |           |                                     |            |             |                |              |
| PO112  | 235       | <b>Product/Service ID Qualifier</b> | O          | ID          | 2/2            | Used         |
| <p><b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).</p> <p><b>CodeList Summary</b> (Total Codes: 307, Included: 5)</p> <p><b>Code Name</b></p> <p>BP Buyer's Part Number</p> <p>FS National Stock Number</p> <p>PD Part Number Description</p> <p>VP Vendor's (Seller's) Part Number</p> <p>ZB Commercial and Government Entity (CAGE) Code</p> <p><b>Description:</b> A code that identifies a commercial contractor authorized to do business with the U.S. government</p> |           |                                     |            |             |                |              |

|       |     |   |  |    |      |          |
|-------|-----|---|--|----|------|----------|
| PO113 | 234 | <b>Product/Service ID</b>   | C  | AN | 1/30 | Used     |
|       |     | <b>Description:</b> Identifying number for a product or service.  |  |    |      |          |
| PO114 | 235 | <b>Product/Service ID Qualifier</b>   | O  | ID | 2/2  | Used     |
|       |     | <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).      |  |    |      |          |
|       |     | <b>CodeList Summary</b> (Total Codes: 307, Included: 5)   |  |    |      |          |
|       |     | <b>Code Name</b>  |  |    |      |          |
|       |     | BP  | Buyer's Part Number                          |    |      |          |
|       |     | FS  | National Stock Number                        |    |      |          |
|       |     | PD  | Part Number Description                      |    |      |          |
|       |     | VP  | Vendor's (Seller's) Part Number              |    |      |          |
|       |     | ZB  | Commercial and Government Entity (CAGE) Code |    |      |          |
|       |     | <b>Description:</b> A code that identifies a commercial contractor authorized to do business with the U.S. government |  |    |      |          |
| PO115 | 234 | <b>Product/Service ID</b>   | C  | AN | 1/30 | Used     |
|       |     | <b>Description:</b> Identifying number for a product or service.  |  |    |      |          |
| PO116 | 235 | <b>Product/Service ID Qualifier</b>   | O  | ID | 2/2  | Not used |
|       |     | <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).      |  |    |      |          |
| PO117 | 234 | <b>Product/Service ID</b>   | C  | AN | 1/30 | Not used |
|       |     | <b>Description:</b> Identifying number for a product or service.  |  |    |      |          |
| PO118 | 235 | <b>Product/Service ID Qualifier</b>   | O  | ID | 2/2  | Not used |
|       |     | <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).      |  |    |      |          |
| PO119 | 234 | <b>Product/Service ID</b>   | C  | AN | 1/30 | Not used |
|       |     | <b>Description:</b> Identifying number for a product or service.  |  |    |      |          |
| PO120 | 235 | <b>Product/Service ID Qualifier</b>   | O  | ID | 2/2  | Not used |
|       |     | <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).      |  |    |      |          |
| PO121 | 234 | <b>Product/Service ID</b>   | C  | AN | 1/30 | Not used |
|       |     | <b>Description:</b> Identifying number for a product or service.  |  |    |      |          |
| PO122 | 235 | <b>Product/Service ID Qualifier</b>   | O  | ID | 2/2  | Not used |
|       |     | <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).      |  |    |      |          |
| PO123 | 234 | <b>Product/Service ID</b>   | C  | AN | 1/30 | Not used |
|       |     | <b>Description:</b> Identifying number for a product or service.  |  |    |      |          |
| PO124 | 235 | <b>Product/Service ID Qualifier</b>   | O  | ID | 2/2  | Not used |
|       |     | <b>Description:</b> Code identifying the type/source of the descriptive number used in                                |  |    |      |          |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u>       | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------------|------------|-------------|----------------|--------------|
|            |           | Product/Service ID (234). |            |             |                |              |
| PO125      | 234       | <b>Product/Service ID</b> | C          | AN          | 1/30           | Not used     |

**Description:** Identifying number for a product or service.

**Syntax Rules:**

1. C0302 - If PO103 is present, then PO102 is required.
2. C0504 - If PO105 is present, then PO104 is required.
3. C0607 - If PO106 is present, then PO107 is required.
4. C0809 - If PO108 is present, then PO109 is required.
5. C1011 - If PO110 is present, then PO111 is required.
6. C1213 - If PO112 is present, then PO113 is required.
7. C1415 - If PO114 is present, then PO115 is required.
8. C1617 - If PO116 is present, then PO117 is required.
9. C1819 - If PO118 is present, then PO119 is required.
10. C2021 - If PO120 is present, then PO121 is required.
11. C2223 - If PO122 is present, then PO123 is required.
12. C2425 - If PO124 is present, then PO125 is required.

**Comments:**

1. See the Data Dictionary for a complete list of ID's.
2. PO101 is the line item identification
3. PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

**Truck:**

*Refer to the "Appendix" at the end of this guide for Examples and MRO Example(s).*

**Engine:**

*Refer to the "Appendix" at the end of this guide for MRO Example(s).*

**Service Parts:**

*Refer to the "Appendix" at the end of this guide for Example(s).*

# PO3 Additional Item Detail

|                   |             |
|-------------------|-------------|
| Pos: 030          | Max: 25     |
| Detail - Optional |             |
| Loop: PO1         | Elements: 8 |

**User Option (Usage):** Used

**Purpose:** To specify additional item related data involving variations in normal price/quantity structure.

## 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> |
|--|-----------|---|------------|-------------|----------------|--------------|
| PO301  | 371       | <b>Change Reason Code</b>                 | M          | ID          | 2/2            | Used         |
| <b>Description:</b> Code specifying the reason for price or quantity change.   |           |   |            |             |                |              |
| <b>CodeList Summary</b> (Total Codes: 29, Included: 1)   |           |   |            |             |                |              |
| <u>Code Name</u>   |           |   |            |             |                |              |
| QT Quantity Price Break  |           |   |            |             |                |              |
| PO302  | 373       | <b>Date</b>                               | O          | DT          | 6/6            | Not used     |
| <b>Description:</b> Date (YYMMDD).   |           |   |            |             |                |              |
| PO303  | 236       | <b>Price Identifier Code</b>              | C          | ID          | 3/3            | Used         |
| <b>Description:</b> Code identifying pricing specification.  |           |   |            |             |                |              |
| <b>CodeList Summary</b> (Total Codes: 135, Included: 1)  |           |   |            |             |                |              |
| <u>Code Name</u>   |           |   |            |             |                |              |
| MIN Minimum Order Quantity Price   |           |   |            |             |                |              |
| PO304  | 212       | <b>Unit Price</b>                         | O          | R           | 1/14           | Used         |
| <b>Description:</b> Price per unit of product, service, commodity, etc.  |           |   |            |             |                |              |
| PO305  | 639       | <b>Basis of Unit Price Code</b>           | C          | ID          | 2/2            | Used         |
| <b>Description:</b> Code identifying the type of unit price for an item.   |           |   |            |             |                |              |
| <b>CodeList Summary</b> (Total Codes: 81, Included: 3)   |           |   |            |             |                |              |
| <u>Code Name</u>   |           |   |            |             |                |              |
| HP Price per Hundred   |           |   |            |             |                |              |
| PE Price per Each  |           |   |            |             |                |              |
| TP Price per Thousand  |           |   |            |             |                |              |
| PO306  | 380       | <b>Quantity</b>                           | M          | R           | 1/15           | Used         |
| <b>Description:</b> Numeric value of quantity.   |           |   |            |             |                |              |
| PO307  | 355       | <b>Unit or Basis for Measurement Code</b> | M          | ID          | 2/2            | Used         |
| <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken |           |   |            |             |                |              |
| <b>Trading Partner:</b> Navistar will use any ANSI X12 code.   |           |   |            |             |                |              |
| PO308  | 352       | <b>Description</b>                        | O          | AN          | 1/80           | Not used     |
| <b>Description:</b> A free-form description to clarify the related data elements and their content.                                |           |   |            |             |                |              |

**Syntax Rules:**

1. L040305 - If PO304 is present, then at least one of PO303 or PO305 is required.

**Comments:**

1. Some examples of price/quantity variations are: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level).
2. PO307 defines the unit of measure for PO306.

**Truck:**

*Refer to the "Appendix" at the end of this guide for Example(s).*

**Engine:**

*This Segment is Not Used.*

**Service Parts:**

*This Segment is Not Used.*

# PID Product/Item Description

|                   |             |
|-------------------|-------------|
| Pos: 050          | Max: 1      |
| Detail - Optional |             |
| Loop: PID         | Elements: 8 |

**User Option (Usage):** Used

**Purpose:** To describe a product or process in coded or free-form format

## 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> |
|--|-----------|--|------------|-------------|----------------|--------------|
| PID01  | 349       | <b>Item Description Type</b>               | M          | ID          | 1/1            | Used         |
| <b>Description:</b> Code indicating the format of a description.   |           |  |            |             |                |              |
| <b>CodeList Summary</b> (Total Codes: 3, Included: 1)  |           |  |            |             |                |              |
| <u>Code</u> <u>Name</u>  |           |  |            |             |                |              |
| F Free-form  |           |  |            |             |                |              |
| PID02  | 750       | <b>Product/Process Characteristic Code</b> | O          | ID          | 2/3            | Not used     |
| <b>Description:</b> Code identifying the general class of a product or process characteristic                      |           |  |            |             |                |              |
| PID03  | 559       | <b>Agency Qualifier Code</b>               | C          | ID          | 2/2            | Not used     |
| <b>Description:</b> Code identifying the agency assigning the code values.   |           |  |            |             |                |              |
| PID04  | 751       | <b>Product Description Code</b>            | C          | AN          | 1/12           | Not used     |
| <b>Description:</b> A code from an industry code list which provides specific data about a product characteristic. |           |  |            |             |                |              |
| PID05  | 352       | <b>Description</b>                         | C          | AN          | 1/80           | Used         |
| <b>Description:</b> A free-form description to clarify the related data elements and their content.                |           |  |            |             |                |              |
| PID06  | 752       | <b>Surface/Layer/Position Code</b>         | O          | ID          | 2/2            | Not used     |
| <b>Description:</b> Code indicating the product surface, layer or position that is being described.                |           |  |            |             |                |              |
| PID07  | 822       | <b>Source Subqualifier</b>                 | O          | AN          | 1/15           | Not used     |
| <b>Description:</b> A reference that indicates the table or text maintained by the Source Qualifier.               |           |  |            |             |                |              |
| PID08  | 1073      | <b>Yes/No Condition or Response Code</b>   | O          | ID          | 1/1            | Not used     |
| <b>Description:</b> Code indicating a Yes or No condition or response.   |           |  |            |             |                |              |

## Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0803 - If PID08 is present, then PID03 is required.

## Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A ``Y" indicates that the specified attribute applies to this item. A ``N" indicates it does not apply. Any other value is indeterminate.

**Comments:**

1. If PID01 = ``F", then PID05 is used. If PID01 = ``S", then PID04 is used. If PID01 = ``X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

**Truck:**

*Refer to the "Appendix" at the end of this guide for MRO Example(s).*

**Engine:**

*Refer to the "Appendix" at the end of this guide for MRO Example(s).*

**Service Parts:**

*This Segment is Not Used.*

# PO4 Item Physical Details

|                   |              |
|-------------------|--------------|
| Pos: 090          | Max: 1       |
| Detail - Optional |              |
| Loop: PO1         | Elements: 13 |

**User Option (Usage):** Used

**Purpose:** To specify the physical qualities, packaging, weights and dimensions relating to the item.

## 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> |
|--|-----------|---|------------|-------------|----------------|--------------|
| PO401  | 356       | <b>Pack</b>                               | O          | N0          | 1/6            | Used         |
| <b>Description:</b> Number of inner pack units per outer pack unit.  |           |   |            |             |                |              |
| PO402  | 357       | <b>Size</b>                               | O          | R           | 1/8            | Not used     |
| <b>Description:</b> Size of supplier units in pack.  |           |   |            |             |                |              |
| PO403  | 355       | <b>Unit or Basis for Measurement Code</b> | C          | ID          | 2/2            | Used         |
| <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken                             |           |   |            |             |                |              |
| <b>Trading Partner:</b> Navistar will use any ANSI X12 code.   |           |   |            |             |                |              |
| PO404  | 103       | <b>Packaging Code</b>                     | O          | AN          | 5/5            | Used         |
| <b>Description:</b> Code identifying the type of packaging. Part 1. Packaging form. Part 2. Packaging Material.  |           |   |            |             |                |              |
| <b>Trading Partner:</b>  |           |   |            |             |                |              |
| Valid code combinations are made from selecting a three letter code from Table <P10B>Part 1 <D> and selecting a two position code from Table <P10B>Part 2 <D>. |           |   |            |             |                |              |
| Navistar's valid code combinations are listed below.   |           |   |            |             |                |              |
| BAG79  |           | ENV76                                     |            |             |                |              |
| BLK71  |           | PKG71 (Special Packaging)                 |            |             |                |              |
| COL71 (Coil, Tie and Identify)   |           | PLT94                                     |            |             |                |              |
| CRT94  |           | SLV76 (Belt Sleeve)                       |            |             |                |              |
| CTN76  |           | WRP89 (Rustproof)                         |            |             |                |              |

### CodeList Summary (Total Codes: 189, Included: 17)

| <u>Code</u>         | <u>Name</u>             |
|---------------------|-------------------------|
|                     | <P10B>Part 1<D>         |
| A                   | <P10B>Part 2<D>         |
| 71                  | Not Otherwise Specified |
| <b>Description:</b> |                         |
| 76                  | Paper                   |
| <b>Description:</b> |                         |
| 79                  | Plastic                 |
| <b>Description:</b> |                         |
| 89                  | Special (Rust Proof)    |
| 94                  | Wood                    |
| <b>Description:</b> |                         |
| BAG                 | Bag                     |

|       |     | <u>Code</u>  | <u>Name</u> |   |    |     |          |
|-------|-----|--|-------------|---|----|-----|----------|
|       |     | BLK  | Bulk        |   |    |     |          |
|       |     | COL  | Coil        |   |    |     |          |
|       |     | CRT  | Crate       |   |    |     |          |
|       |     | CTN  | Carton      |   |    |     |          |
|       |     | ENV  | Envelope    |   |    |     |          |
|       |     | PKG  | Package     |   |    |     |          |
|       |     | PLT  | Pallet      |   |    |     |          |
|       |     | SLV  | Sleeve      |   |    |     |          |
|       |     | WRP  | Wrapped     |   |    |     |          |
| PO405 | 187 | <b>Weight Qualifier</b>  |             | O | ID | 1/2 | Not used |
|       |     | <b>Description:</b> Code defining the type of weight.  |             |   |    |     |          |
| PO406 | 384 | <b>Gross Weight per Pack</b>   |             | C | R  | 1/9 | Not used |
|       |     | <b>Description:</b> Numeric value of gross weight per pack.  |             |   |    |     |          |
| PO407 | 355 | <b>Unit or Basis for Measurement Code</b>  |             | C | ID | 2/2 | Not used |
|       |     | <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken |             |   |    |     |          |
| PO408 | 385 | <b>Gross Volume per Pack</b>   |             | C | R  | 1/9 | Not used |
|       |     | <b>Description:</b> Numeric value of gross volume per pack.  |             |   |    |     |          |
| PO409 | 355 | <b>Unit or Basis for Measurement Code</b>  |             | C | ID | 2/2 | Not used |
|       |     | <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken |             |   |    |     |          |
| PO410 | 82  | <b>Length</b>  |             | O | R  | 1/8 | Not used |
|       |     | <b>Description:</b> Largest horizontal dimension of an object measured when the object is in the upright position.                 |             |   |    |     |          |
| PO411 | 189 | <b>Width</b>   |             | O | R  | 1/8 | Not used |
|       |     | <b>Description:</b> Shorter measurement of the two horizontal dimensions measured with the object in the upright position.         |             |   |    |     |          |
| PO412 | 65  | <b>Height</b>  |             | O | R  | 1/8 | Not used |
|       |     | <b>Description:</b> Vertical dimension of an object measured when the object is in the upright position.                           |             |   |    |     |          |
| PO413 | 355 | <b>Unit or Basis for Measurement Code</b>  |             | C | ID | 2/2 | Not used |
|       |     | <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken |             |   |    |     |          |

### Syntax Rules:

1. C0203 - If PO402 is present, then PO403 is required.
2. C0506 - If PO405 is present, then PO406 is required.
3. C0607 - If PO406 is present, then PO407 is required.
4. P0809 - If either PO408 or PO409 is present, then the other is required.
5. C1013 - If PO410 is present, then PO413 is required.
6. C1113 - If PO411 is present, then PO413 is required.

7. C1213 - If PO412 is present, then PO413 is required.
8. L13101112 - If PO413 is present, then at least one of PO410, PO411 or PO412 is required.

**Comments:**

1. PO403 - The "Unit of Measure Code" (Element #355) in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit.  
Example: If the carton contains 24 12-Ounce packages, it would be described as follows: Element 356 = 24; Element 357 = 12; Element 355 = OZ.
2. PO413 defines the unit of measure for PO410, PO411, and PO412.

**Truck:**

*This Segment is Not Used*

**Engine:**

*This Segment is Not Used.*

**Service Parts:**

*Refer to the "Appendix" at the end of this guide for Example(s).*

# REF Reference Numbers

|                   |             |
|-------------------|-------------|
| Pos: 100          | Max: 12     |
| Detail - Optional |             |
| Loop: PO1         | Elements: 3 |

**User Option (Usage):** Used

**Purpose:** To specify identifying numbers.

## 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> |
|------------|-----------|----------------------------|------------|-------------|----------------|--------------|
| REF01      | 128       | Reference Number Qualifier | M          | ID          | 2/2            | Used         |

**Description:** Code qualifying the Reference Number.

**CodeList Summary** (Total Codes: 859, Included: 7)

**Code Name**

C7 Contract Line Item Number

**Service Parts:**

Military Order CLIN Number

CE Class of Contract Code

**Service Parts:**

To identify Supplier Contract Type for Government/Military Orders  
 FFPNC - Firm Fixed Price Non-Commercial  
 CR - Cost Reimbursement  
 GCOM - Government Contract Commercial

DO Delivery Order Number

**Service Parts:**

Military Delivery Order Number

DS Defense Priorities Allocation System (DPAS) Priority Rating

EQ Equipment Number

**Service Parts:**

Direct Ship Dealer Orders may convey specific part information. If so, REF02 will contain the Parts Specific data i.e. REF02 may provided the Mud Flap Logo, Key Code, Old Speedometer Reading or VIN Number.

GC Government Contract Number

**Service Parts:**

Military Government Contract Number

RQ Purchase Requisition No.

|       |     |                  |   |    |      |      |
|-------|-----|------------------|---|----|------|------|
| REF02 | 127 | Reference Number | C | AN | 1/30 | Used |
|-------|-----|------------------|---|----|------|------|

**Description:** Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

**Service Parts:**

DX or DO

“The Department of Defense (DoD) has authority under the Defense Priorities and Allocations System (DPAS) (15 CFR 700) to place industrial priority ratings on its contracts. The DoD uses two ratings: “DO” and “DX” followed by the Program Code (i.e. DO-A4). To meet required delivery dates at any level in the supply chain;

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u>   | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
|            |           | DO-rated orders must be given production preference over unrated (commercial) orders.<br>DX-rated orders must be given preference over DO-rated orders and unrated orders". |            |             |                |              |
| REF03      | 352       | <b>Description</b>  | C          | AN          | 1/80           | Used         |
|            |           | <b>Description:</b> A free-form description to clarify the related data elements and their content.   |            |             |                |              |

**Syntax Rules:**

1. R0203 - At least one of REF02 or REF03 is required.

**Truck:**  
*This Segment is Not Used*

**Engine:**  
*This Segment is Not Used*

**Service Parts:**  
*Refer to the "Appendix" at the end of this guide for Example(s).*

# SAC Service, Promotion, Allowance, or Charge Information

|                   |              |
|-------------------|--------------|
| Pos: 130          | Max: 25      |
| Detail - Optional |              |
| Loop: PO1         | Elements: 15 |

**User Option (Usage):** Used

**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

## 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> |
|------------|-----------|--------------------------------------|------------|-------------|----------------|--------------|
| SAC01      | 248       | <b>Allowance or Charge Indicator</b> | M          | ID          | 1/1            | Used         |

**Description:** Code which indicates an allowance or charge for the service specified.

**CodeList Summary** (Total Codes: 4, Included: 1)

**Code Name**

C Charge

|       |      |  |   |    |     |      |
|-------|------|--|---|----|-----|------|
| SAC02 | 1300 | <b>Service, Promotion, Allowance, or Charge Code</b> | C | ID | 4/4 | Used |
|-------|------|--|---|----|-----|------|

**Description:** Code identifying the service, promotion, allowance, or charge

**Trading Partner:**

\* -- Indicates Navistar assigned unique codes. Navistar will submit data maintenance requests to ANSI X12 to have these codes added to the Data Element 1300.

**CodeList Summary** (Total Codes: 881, Included: 38)

**Code Name**

A430 Anneal/Heat (Steel or Glass Treatment) (Heat Treating)

A480 Assembly

A660 Bond Charge

B180 Cleaning Charge

B220 Coating (Dip, Rustproof, EDP)

B750 Core Charge (Core Value)

B940 Cutting Charge

C580 Emergency Service (Emergency Shipments)

D070 Flat Rate

D720 Identification

**Trading Partner:**

Navistar Identification

E480 Machining Charge (Machining/Forging)

E560 Marking or Tagging Charge

E561 Greasing & Tagging

**Description:**

**Trading Partner:**

\*

E562 Greasing

**Description:**

**Trading Partner:**

**Code Name**

|      |  |
|------|--|
|      | *  |
| F155 | Packaging                                |
| F160 | Painting (Primer or Finish) (Color)      |
| F180 | Pallet (Packaging-Pallet)                |
| F350 | Pickle and Oil                           |
| F430 | Plating                                  |
| F640 | Preparation of U.S. Export Documentation |
| F860 | Protective Service Charge (Oil Wipe)     |
| G760 | Set-up                                   |
| H071 | No. 4 Finish                             |
|      | <b>Description:</b>                      |
|      | <b>Trading Partner:</b>                  |
|      | *  |
| H072 | No. 1 Finish                             |
|      | <b>Description:</b>                      |
|      | <b>Trading Partner:</b>                  |
|      | *  |
| H090 | Special Handling                         |
| H110 | Special Packaging                        |
| H520 | Super Bag Charge (Packaging Bag)         |
| H550 | Surcharge                                |
| I000 | Testing                                  |
| I110 | Tooling (Tooling Amortization)           |
| I690 | Packaging - Crate                        |
|      | <b>Description:</b>                      |
|      | <b>Trading Partner:</b>                  |
|      | *  |
| I700 | Packaging - Carton                       |
|      | <b>Description:</b>                      |
|      | <b>Trading Partner:</b>                  |
|      | *  |
| I710 | Packaging - Envelope                     |
|      | <b>Description:</b>                      |
|      | <b>Trading Partner:</b>                  |
|      | *  |
| I720 | Material Charge                          |
|      | <b>Description:</b>                      |
|      | <b>Trading Partner:</b>                  |
|      | *  |
| I730 | Welding                                  |
|      | <b>Description:</b>                      |
|      | <b>Trading Partner:</b>                  |
|      | *  |
| I740 | Adhesive                                 |
|      | <b>Description:</b>                      |
|      | <b>Trading Partner:</b>                  |

**Code Name**

\*

I750 Insert

**Description:**

**Trading Partner:**

\*

I760 Oil for Engine / Fill ("Memo" Oil)

**Description:**

**Trading Partner:**

\*

|   |      |   |   |    |      |          |
|---|------|---|---|----|------|----------|
| SAC03   | 559  | <b>Agency Qualifier Code</b>                                | C | ID | 2/2  | Not used |
| <b>Description:</b> Code identifying the agency assigning the code values.  |      |   |   |    |      |          |
| SAC04   | 1301 | <b>Agency Service, Promotion, Allowance, or Charge Code</b> | C | AN | 1/10 | Not used |
| <b>Description:</b> Agency maintained code identifying the service, promotion, allowance, or charge   |      |   |   |    |      |          |
| SAC05   | 610  | <b>Amount</b>   | O | N2 | 1/15 | Used     |
| <b>Description:</b> Monetary amount.  |      |   |   |    |      |          |
| SAC06   | 378  | <b>Allowance/ Charge Percent Qualifier</b>                  | C | ID | 1/1  | Not used |
| <b>Description:</b> Code indicating on what basis allowance or charge percent is calculated.  |      |   |   |    |      |          |
| <b>Service Parts:</b> Flat Charge - SAC05 represents accumulative value for number of units specified in SAC10 instead of the special charge value uncalculated. Po Qty is 2, special flat charge is 220.00 x 1. SAC*C*F180***22000****EA*1 |      |   |   |    |      |          |
| Unit Charge - SAC05 represents accumulative value for PO quantity times the special charge – unit price. Po Qty is 2, special charge is 1.00 each x po qty of 2 – total 2.00. Navistar will send calculated total. SAC*C*I700***200****EA*2 |      |   |   |    |      |          |
| SAC07   | 332  | <b>Allowance or Charge Percent</b>                          | C | R  | 1/6  | Not used |
| <b>Description:</b> Allowance or charge expressed as a percent.   |      |   |   |    |      |          |
| SAC08   | 359  | <b>Allowance or Charge Rate</b>                             | O | R  | 1/9  | Not used |
| <b>Description:</b> Allowance or Charge Rate per Unit.  |      |   |   |    |      |          |
| SAC09   | 355  | <b>Unit or Basis for Measurement Code</b>                   | C | ID | 2/2  | Used     |
| <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken  |      |   |   |    |      |          |
| <b>Trading Partner:</b> Navistar will use any ANSI X12 code.  |      |   |   |    |      |          |
| SAC10   | 339  | <b>Allowance or Charge Quantity</b>                         | C | R  | 1/10 | Used     |
| <b>Description:</b> Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity.  |      |   |   |    |      |          |
| <b>Trading Partner:</b><br>When SAC09 is present and is equal to "EA", SAC10 represents the total quantity covered by that amount. (ie \$1.25 per hundred in the example.)  |      |   |   |    |      |          |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u>   | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| SAC11      | 339       | <b>Allowance or Charge Quantity</b>   | O          | R           | 1/10           | Not used     |
|            |           | <b>Description:</b> Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity.                                |            |             |                |              |
| SAC12      | 331       | <b>Allowance or Charge Method of Handling Code</b>  | O          | ID          | 2/2            | Not used     |
|            |           | <b>Description:</b> Code indicating method of handling for an allowance or charge.  |            |             |                |              |
| SAC13      | 127       | <b>Reference Number</b>   | C          | AN          | 1/30           | Not used     |
|            |           | <b>Description:</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. |            |             |                |              |
| SAC14      | 770       | <b>Option Number</b>  | O          | AN          | 1/20           | Not used     |
|            |           | <b>Description:</b> A unique number identifying available promotion or allowance options when more than one is offered.                                       |            |             |                |              |
| SAC15      | 352       | <b>Description</b>  | O          | AN          | 1/80           | Not used     |
|            |           | <b>Description:</b> A free-form description to clarify the related data elements and their content.   |            |             |                |              |

### Syntax Rules:

1. R0203 - At least one of SAC02 or SAC03 is required.
2. P0304 - If either SAC03 or SAC04 is present, then the other is required.
3. P0607 - If either SAC06 or SAC07 is present, then the other is required.
4. P0910 - If either SAC09 or SAC10 is present, then the other is required.
5. C1110 - If SAC11 is present, then SAC10 is required.
6. L130204 - If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7. C1413 - If SAC14 is present, then SAC13 is required.

### Semantics:

1. If SAC01 is A or C, then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC10 alone is used to indicate a specific quantity which could be a dollar amount, that is applicable to service, promotion, allowance or charge.
5. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
6. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
7. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

### Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a ``Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier DO - Dollars in SAC09.

**Truck:**

*Refer to the "Appendix" at the end of this guide for Example(s).*

**Engine:**

*This Segment is Not Used.*

**Service Parts:**

*Refer to the "Appendix" at the end of this guide for Example(s).*

# SCH Line Item Schedule

Pos: 230      Max: 200  
 Detail - Optional  
 Loop:      Elements: 12  
 PO1

**User Option (Usage):** Used

**Purpose:** To specify the data for scheduling a specific line item.

## 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> |
|------------|-----------|---|------------|--------------------|----------------|--------------|
| SCH01      | 380       | <b>Quantity</b>   | M          | R                  | 1/15           | Used         |
|            |           | <b>Description:</b> Numeric value of quantity.  |            |                    |                |              |
| SCH02      | 355       | <b>Unit or Basis for Measurement Code</b>   | M          | ID                 | 2/2            | Used         |
|            |           | <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken  |            |                    |                |              |
|            |           | <b>Trading Partner:</b> Navistar will use any ANSI X12 code.  |            |                    |                |              |
| SCH03      | 98        | <b>Entity Identifier Code</b>   | O          | ID                 | 2/2            | Not used     |
|            |           | <b>Description:</b> Code identifying an organizational entity, a physical location, or an individual  |            |                    |                |              |
| SCH04      | 93        | <b>Name</b>   | C          | AN                 | 1/35           | Not used     |
|            |           | <b>Description:</b> Free-form name.   |            |                    |                |              |
| SCH05      | 374       | <b>Date/Time Qualifier</b>  | M          | ID                 | 3/3            | Used         |
|            |           | <b>Description:</b> Code specifying type of date or time, or both date and time.  |            |                    |                |              |
|            |           | <b>CodeList Summary</b> (Total Codes: 600, Included: 3)   |            |                    |                |              |
|            |           | <b>Code</b>   |            | <b>Name</b>        |                |              |
|            |           | 002   |            | Delivery Requested |                |              |
|            |           | 010   |            | Requested Ship     |                |              |
|            |           | 996   |            | Required Delivery  |                |              |
|            |           | <b>Description:</b> A date on which or before, ordered goods or services must be delivered  |            |                    |                |              |
| SCH06      | 373       | <b>Date</b>   | M          | DT                 | 6/6            | Used         |
|            |           | <b>Description:</b> Date (YYMMDD).  |            |                    |                |              |
| SCH07      | 337       | <b>Time</b>   | O          | TM                 | 4/8            | Not used     |
|            |           | <b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) |            |                    |                |              |
| SCH08      | 374       | <b>Date/Time Qualifier</b>  | C          | ID                 | 3/3            | Not used     |
|            |           | <b>Description:</b> Code specifying type of date or time, or both date and time.  |            |                    |                |              |
| SCH09      | 373       | <b>Date</b>   | O          | DT                 | 6/6            | Not used     |
|            |           | <b>Description:</b> Date (YYMMDD).  |            |                    |                |              |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u>   | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| SCH10      | 337       | <b>Time</b>   | O          | TM          | 4/8            | Not used     |
|            |           | <b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) |            |             |                |              |
| SCH11      | 326       | <b>Request Reference Number</b>   | O          | AN          | 1/45           | Not used     |
|            |           | <b>Description:</b> Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number).   |            |             |                |              |
| SCH12      | 350       | <b>Assigned Identification</b>  | O          | AN          | 1/11           | Not used     |
|            |           | <b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set.  |            |             |                |              |

### Syntax Rules:

1. C0304 - If SCH03 is present, then SCH04 is required.
2. C0908 - If SCH09 is present, then SCH08 is required.

### Semantics:

1. SCH12 is the schedule identification.

### Comments:

1. SCH05 specifies the interpretation to be used for SCH06 and SCH07.

### Truck:

Refer to the "Appendix" at the end of this guide for Example(s) and MRO Example(s).

### Engine:

Refer to the "Appendix" at the end of this guide for MRO Example(s).

### Service Parts:

Refer to the "Appendix" at the end of this guide for Example(s).

# MAN Marks and Numbers

|                   |             |
|-------------------|-------------|
| Pos: 280          | Max: 10     |
| Detail - Optional |             |
| Loop: PO1         | Elements: 6 |

**User Option (Usage):** Used

**Purpose:** To indicate identifying marks and numbers for shipping containers

## 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> |
|------------|-----------|------------------------------------|------------|-------------|----------------|--------------|
| MAN01      | 88        | <b>Marks and Numbers Qualifier</b> | M          | ID          | 1/2            | Must use     |

**Description:** Code specifying the application or source of Marks and Numbers (87).

**CodeList Summary** (Total Codes: 16, Included: 1)

**Code Name**

L Line Item Only

|       |    |                          |   |    |      |          |
|-------|----|--------------------------|---|----|------|----------|
| MAN02 | 87 | <b>Marks and Numbers</b> | M | AN | 1/45 | Must use |
|-------|----|--------------------------|---|----|------|----------|

**Description:** Marks and numbers used to identify a shipment or parts of a shipment.

|       |    |                          |   |    |      |      |
|-------|----|--------------------------|---|----|------|------|
| MAN03 | 87 | <b>Marks and Numbers</b> | O | AN | 1/45 | Used |
|-------|----|--------------------------|---|----|------|------|

**Description:** Marks and numbers used to identify a shipment or parts of a shipment.

|       |    |                                    |   |    |     |      |
|-------|----|------------------------------------|---|----|-----|------|
| MAN04 | 88 | <b>Marks and Numbers Qualifier</b> | O | ID | 1/2 | Used |
|-------|----|------------------------------------|---|----|-----|------|

**Description:** Code specifying the application or source of Marks and Numbers (87).

**CodeList Summary** (Total Codes: 16, Included: 1)

**Code Name**

L Line Item Only

|       |    |                          |   |    |      |      |
|-------|----|--------------------------|---|----|------|------|
| MAN05 | 87 | <b>Marks and Numbers</b> | O | AN | 1/45 | Used |
|-------|----|--------------------------|---|----|------|------|

**Description:** Marks and numbers used to identify a shipment or parts of a shipment.

|       |    |                          |   |    |      |      |
|-------|----|--------------------------|---|----|------|------|
| MAN06 | 87 | <b>Marks and Numbers</b> | O | AN | 1/45 | Used |
|-------|----|--------------------------|---|----|------|------|

**Description:** Marks and numbers used to identify a shipment or parts of a shipment.

## Semantics:

1. When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
2. When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

### Truck:

*This Segment is Not Used.*

### Engine:

*This Segment is Not Used.*

**Service Parts:**

*Refer to the "Appendix" at the end of this guide for Example(s).*

# PKG Marking, Packaging, Loading

|                   |             |
|-------------------|-------------|
| Pos: 300          | Max: 1      |
| Detail - Optional |             |
| Loop: PKG         | Elements: 6 |

**User Option (Usage):** Used

**Purpose:** To describe marking, packaging, loading and unloading requirements.

## 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> |
|--|-----------|--------------------------------------|------------|-------------|----------------|--------------|
| PKG01  | 349       | <b>Item Description Type</b>         | C          | ID          | 1/1            | Used         |
| <b>Description:</b> Code indicating the format of a description.   |           |                                      |            |             |                |              |
| <b>CodeList Summary</b> (Total Codes: 3, Included: 1)  |           |                                      |            |             |                |              |
| <b>Code Name</b>   |           |                                      |            |             |                |              |
| F Free-form  |           |                                      |            |             |                |              |
| PKG02  | 753       | <b>Packaging Characteristic Code</b> | O          | ID          | 1/5            | Not used     |
| <b>Description:</b> Code specifying the marking, packaging, loading and related characteristics being described.                                       |           |                                      |            |             |                |              |
| PKG03  | 559       | <b>Agency Qualifier Code</b>         | C          | ID          | 2/2            | Not used     |
| <b>Description:</b> Code identifying the agency assigning the code values.   |           |                                      |            |             |                |              |
| PKG04  | 754       | <b>Packaging Description Code</b>    | C          | AN          | 1/7            | Not used     |
| <b>Description:</b> A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product. |           |                                      |            |             |                |              |
| PKG05  | 352       | <b>Description</b>                   | C          | AN          | 1/80           | Used         |
| <b>Description:</b> A free-form description to clarify the related data elements and their content.  |           |                                      |            |             |                |              |
| PKG06  | 400       | <b>Unit Load Option Code</b>         | O          | ID          | 2/2            | Not used     |
| <b>Description:</b> Code identifying loading or unloading a shipment   |           |                                      |            |             |                |              |

## Syntax Rules:

1. R040506 - At least one of PKG04, PKG05 or PKG06 is required.
2. C0401 - If PKG04 is present, then PKG01 is required.
3. C0501 - If PKG05 is present, then PKG01 is required.

## Semantics:

1. PKG04 should be used for industry-specific packaging description codes.

## Comments:

1. Use MEA (Measurements) segment to define dimensions, tolerances weights, counts, physical restrictions, etc.
2. If PKG01 = `F", then PKG05 is used. If PKG01 = `S", then PKG04 is used. If PKG01 = `X", then both PKG04 and PKG05 are used.
3. Use PKG03 to indicate the organization that publishes the code list being referred to.
4. Special marking or tagging data can be given in PKG05 (Description).

**Truck:**

*This Segment is Not Used.*

**Engine:**

*This Segment is Not Used.*

**Service Parts:**

*Refer to the "Appendix" at the end of this guide for Example(s).*

# CTT Transaction Totals

Pos: 010      Max: 1  
 Summary - Mandatory  
 Loop: N/A    Elements: 7

**User Option (Usage):** Used

**Purpose:** To transmit a hash total for a specific element in the 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> |
|------------|-----------|--|------------|-------------|----------------|--------------|
| CTT01      | 354       | <b>Number of Line Items</b>  | M          | N0          | 1/6            | Used         |
|            |           | <b>Description:</b> Total number of line items in the transaction set.   |            |             |                |              |
| CTT02      | 347       | <b>Hash Total</b>  | O          | R           | 1/10           | Not used     |
|            |           | <b>Description:</b> Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.Example:-.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field. |            |             |                |              |
| CTT03      | 81        | <b>Weight</b>  | O          | R           | 1/10           | Not used     |
|            |           | <b>Description:</b> Numeric value of weight.   |            |             |                |              |
| CTT04      | 355       | <b>Unit or Basis for Measurement Code</b>  | C          | ID          | 2/2            | Not used     |
|            |           | <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken   |            |             |                |              |
| CTT05      | 183       | <b>Volume</b>  | O          | R           | 1/8            | Not used     |
|            |           | <b>Description:</b> Value of volumetric measure.   |            |             |                |              |
| CTT06      | 355       | <b>Unit or Basis for Measurement Code</b>  | C          | ID          | 2/2            | Not used     |
|            |           | <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken   |            |             |                |              |
| CTT07      | 352       | <b>Description</b>   | O          | AN          | 1/80           | Not used     |
|            |           | <b>Description:</b> A free-form description to clarify the related data elements and their content.  |            |             |                |              |

## Syntax Rules:

1. C0304 - If CTT03 is present, then CTT04 is required.
2. C0506 - If CTT05 is present, then CTT06 is required.

## Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

### Trading Partner:

*This segment is used in all Navistar 850 transactions.*

# SE Transaction Set Trailer

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

**User Option (Usage):** Used

**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        | <b>Number of Included Segments</b>  | M          | NO          | 1/10           | Used         |
|            |           | <b>Description:</b> Total number of segments included in a transaction set including ST and SE segments.  |            |             |                |              |
| SE02       | 329       | <b>Transaction Set Control Number</b>   | M          | AN          | 4/9            | Used         |
|            |           | <b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set |            |             |                |              |

## Comments:

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

## Trading Partner:

*This segment is used in all Navistar 850 transactions.*



## **APPENDIX of EXAMPLES**

**850 Purchase Order**

**August 5, 2012**

**NOTE:** This document is to be used in conjunction with the Navistar 850 Implementation Guideline to illustrate examples and functional definition of this transaction set.

**Truck Example I: Purchase Order for Requisitioned Items (850)**

1. ST\*850\*0003 N/L
2. BEG\*00\*NE\*CHA101351\*\*120207 N/L
3. NTE\*\*1ST PIECE SAMPLE TO: RECEIVING INSPECTION N/L
4. CUR\*SU\*CAD N/L
5. FOB\*PP\*DE\*ON SCHEDULED SHIPMENTS OF 2000# N/L
6. FOB\*PP\*OR\*GRE N/L
7. ITD\*01\*3\*\*\*\*\*30 N/L
8. N1\*SU\*\*92\*5627560 N/L
9. N1\*BY\*\*92\*020 N/L
10. PER\*BD\*T. W. GRAY N/L
11. PER\*OC\*JD N/L
12. N1\*ST\*\*92\*020 N/L
13. PO1\*1\*200\*PC\*21.83\*PE\*BP\*2000053C1\*VP\*42723 N/L
14. PO3\*QT\*\*MIN\*\*\*50\*PC N/L
15. SAC\*C\*A480\*\*\*710 N/L
16. SAC\*C\*B180\*\*\*125\*\*\*\*EA\*100 N/L
17. SCH\*50\*PC\*\*\*002\*120815 N/L
18. SCH\*50\*PC\*\*\*002\*120821 N/L
19. SCH\*50\*PC\*\*\*002\*120827 N/L
20. SCH\*50\*PC\*\*\*002\*120905 N/L
21. CTT\*1 N/L
22. SE\*22\*0003 N/L

## **Truck Example I: Purchase Order for Requisitioned Items (850)**

This example shows the looping structure for a Truck Purchase Order for parts purchased via a requisition.

| <b><u>EDI DATA ELEMENTS</u></b>                    | <b><u>INTERPRETATION</u></b>   |
|--|--|
| ST*850*0003 N/L                                    | Transaction Set ID code is 850 (Purchase Order); Control Number is 0003.   |
| BEG*00*NE*CHA101351**120207 N/L                    | Original Purchase Order Number CHA101351 dated 2/7/12.   |
| NTE**1ST PIECE SAMPLE TO: RECEIVING INSPECTION N/L | Note text is "1ST PIECE SAMPLE TO: RECEIVING INSPECTION".  |
| CUR*SU*CAD N/L                                     | The supplier's currency is Canadian dollars.   |
| FOB*PP*DE*ON SCHEDULED SHIPMENTS OF 2000# N/L      | Method of freight payment is prepaid by seller; location is destination; description is "ON SCHEDULED SHIPMENTS OF 2000#". |
| FOB*PP*OR*GRE N/L                                  | Shipment method of payment is prepaid by seller; Shipping point is GRE (GREENVILLE).                                       |
| ITD*01*3*****30 N/L                                | Terms type is basic; net 30 days from invoice date.  |
| N1*SU**92*5627560 N/L                              | The International assigned supplier code is 5627560.   |
| N1*BY**92*020 N/L                                  | The buying party is International Chatham Assembly Plant.  |
| PER*BD*T. W. GRAY N/L                              | The buyer is T. W. Gray.   |
| PER*OC*JD N/L                                      | The order contact is clerk code JD.  |
| N1*ST**92*020 N/L                                  | The ship-to location is International Chatham Assembly Plant.  |
| PO1*1*200*PC*21.83*PE*BP*2000053C1*VP*42723 N/L    | Assigned id is 1; 200 pieces of buyer's part number 2000053C1, vendor's part number 42723 ordered at \$21.83 per each.     |
| PO3*QT**MIN***50*PC N/L                            | Minimum quantity price break applicable is 50 pieces.  |
| SAC*C*A480***710 N/L                               | Assembly charge is \$7.10.   |
| SAC*C*B180***125****EA*100 N/L                     | Charge for cleaning is \$1.25 per hundred.   |
| SCH*50*PC***002*120815 N/L                         | 50 pieces is requested for delivery on 8/15/12.  |
| SCH*50*PC***002*120821 N/L                         | 50 pieces is requested for delivery on 8/21/12.  |
| SCH*50*PC***002*120827 N/L                         | 50 pieces is requested for delivery on 8/27/12.  |
| SCH*50*PC***002*120905 N/L                         | 50 pieces is requested for delivery on 9/05/12.  |
| CTT*1 N/L  | Number of PO1 segments included is 1.  |
| SE*22*0003 N/L                                     | Number of included segments is 22; transaction set control number is 0003.   |

**Truck & Engine - Example I: Purchase Order for MRO Items (850)**

1. ST\*850\*0004 N/L
2. BEG\*00\*NE\*CHA101351\*\*120507 N/L
3. NTE\*\*1ST PIECE SAMPLE TO: RECEIVING INSPECTION N/L
4. CUR\*SU\*CAD N/L
5. TAX\*181402663\*SP\*ONTARIO SERVICE TAX N/L
6. FOB\*PP\*DE\*ON SCHEDULED SHIPMENTS OF 2000# N/L
7. ITD\*01\*3\*\*\*\*\*30 N/L
8. DTM\*002\*120523 N/L
9. N1\*SU\*\*92\*5627560 N/L
10. N1\*ST\*\*92\*020 N/L
11. N1\*BY\*\*92\*020 N/L
12. PER\*BD\*T. W. GRAY N/L
13. PER\*OC\*NAOMI HESTER\*TE\*513-390-4002 N/L
14. PO1\*1\*200\*PC\*21.83\*PE\*BP\*2000053C1\*VP\*42723 N/L
15. PID\*F\*\*\*\*\*PG 24 ARMAK MASKING TAPE N/L
16. REF\*RQ\*TR3945/002 N/L
17. SCH\*100\*EA\*\*\*002\*120523 N/L
18. SCH\*100\*EA\*\*\*002\*120702 N/L
19. CTT\*1 N/L
20. SE\*20\*0004 N/L

## **Truck & Engine - Example I: Purchase Order for MRO Items (850)**

This example shows the looping structure for a Purchase Order for MRO parts purchased from a requisition or contract.

| <b><u>EDI DATA ELEMENTS</u></b>                       | <b><u>INTERPRETATION</u></b>   |
|---|--|
| ST*850*0004 N/L                                       | Transaction Set ID code is 850 (Purchase Order); Control Number is 0004.   |
| BEG*00*NE*CHA101351**120507 N/L                       | Original Purchase Order Number CHA101351 dated 5/7/12.   |
| NTE**1ST PIECE SAMPLE TO: RECEIVING INSPECTION<br>N/L | Note text is "1ST PIECE SAMPLE TO: RECEIVING INSPECTION".  |
| CUR*SU*CAD N/L  | The supplier's currency is Canadian dollars.   |
| TAX*181402663*SP*ONTARIO SERVICE TAX N/L              | The applicable Ontario Provincial Service tax number is 181402663  |
| FOB*PP*DE*ON SCHEDULED SHIPMENTS OF 2000#<br>N/L      | Method of freight payment is prepaid by seller; location is destination; description is "ON SCHEDULED SHIPMENTS OF 2000#". |
| ITD*01*3*****30 N/L                                   | Terms type is basic; net 30 day from invoice date  |
| DTM*002*120523 N/L                                    | Requested delivery date is 5/23/12   |
| N1*SU**92*5627560 N/L                                 | The International assigned supplier code is 5627560.   |
| N1*ST**92*020 N/L                                     | The ship-to location is International Chatham Assembly Plant.  |
| N1*BY**92*020 N/L                                     | The buying party is International Chatham Assembly Plant.  |
| PER*BD*T. W. GRAY N/L                                 | The buyer is T. W. Gray.   |
| PER*OC*NAOMI HESTER*TE*513-390-4002 N/L               | The order contact is Naomi Hester; telephone number is 513-390-4002.   |
| PO1*1*200*PC*21.83*PE*BP*2000053C1*VP*<br>42723 N/L   | Assigned id is 1; 200 pieces of buyer's part number 2000053C1, vendor's part number 42723 order at \$21.83 per each.       |
| PID*F****PG 24 ARMAK MASKING TAPE N/L                 | Free form item description is PG 24 ARMAK MASKING TAPE.  |
| REF*RQ*TR3945/002 N/L                                 | The requisition number is TR3945/002   |
| SCH*100*EA***002*120523 N/L                           | 100 units are requested for delivery on 5/23/12.   |
| SCH*100*EA***002*120702 N/L                           | 100 units are requested for delivery on 7/2/12   |
| CTT*1 N/L   | Number of PO1 segments included is 1.  |
| SE*20*0004 N/L  | Number of included segments is 20, transaction set control number is 0004.   |

**Service Parts Example I: Replenishment Purchase Order (850) for Items on Contract  
– shipping to a PDC or Packager**

1. ST\*850\*0001 N/L
2. BEG\*00\*RL\*301023361\*\*120629\*AA481C N/L
3. NTE\*\*NOTES MAY BE SENT N/L
4. CUR\*SU\*USD N/L
5. REF\*BE\*P\*SERVICE PARTS N/L
6. N1\*SU\*\*92\*1002490 N/L
7. PER\*SU\*BECKY JORGE\*TE\*608/873-1452 N/L
8. N1\*ST\*07810781\_NAVISTAR MIDWEST PDC\*92\*07810781 N/L
9. N3\*2700 HAVEN AVENUE N/L
10. N4\*JOLIET\*IL\*60433\*US N/L
11. N1\*BY\*\*92\*783 N/L
12. PER\*BD\*A MILAM N/L
13. PER\*OC\*PRISCILLA BRADLEY\*TE\*331/332-6859 N/L
14. PO1\*1\*25\*EA\*45.01\*PE\*BP\*A4424MSB\*VP\*4424MSB\*PD\*SPACER RIM 4-1/2 X 24 N/L
15. PO4\*\*\*\*BLK71 N/L
16. SAC\*C\*F155\*\*\*500\*\*\*\*EA\*25 N/L
17. SCH\*25\*EA\*\*\*010\*120713 N/L
18. PKG\*F\*\*\*\*IDENTIFY EACH PIECE N/L
19. CTT\*1 N/L
20. SE\*20\*0001 N/L

### **Service Parts Example I: Replenishment Purchase Order (850) for Items on Contract – shipping to a PDC or Packager**

(This example shows the looping structure for a Service Purchase Order for parts on contract shipping to a PDC)

| <b><u>EDI DATA ELEMENTS</u></b>  | <b><u>INTERPRETATION</u></b>   |
|--|--|
| ST*850*0001 N/L  | Transaction Set ID Code is 850; Transaction Set Control Number 0001.   |
| BEG*00*RL*301023361**120629*AA481C N/L                                       | Original (00) Release Order (RL), Purchase Order Number 301023361, dated 6/29/12, Contract Number AA481C   |
| NTE**NOTES MAY BE SENT N/L   | Free Form Text Notes   |
| CUR*SU*USD N/L   | Supplier Currency (SU) is USD – US Dollars   |
| REF*BE*P*SERVICE PARTS N/L   | Business Entity (BE) is P – Service Parts  |
| N1*SU**92*1002490 N/L  | Supplier (SU) Navistar assigned code (92) is 1002490   |
| PER*SU*BECKY JONES*TE*603/877-1432 N/L                                       | Supplier Contact (SU) is Becky Jones; phone (TE) is 603/877-1432   |
| N1*ST*07810781_NAVISTAR MIDWEST<br>PDC*92*07810781 N/L                       | Ship-to (ST) location, Navistar assigned code (92) is 07810781 (Navistar Midwest PDC).   |
| N3*2700 HAVEN AVENUE N/L   | Final Destination Ship to Street Address is 2700 Haven Avenue.   |
| N4*JOLIET*IL*60433*US N/L  | Final Destination Ship to City is Joliet, State is Illinois, Zip Code is 60433, and Country is US.   |
| N1*BY**92*783 N/L  | Buying Party (BY) Navistar assigned code (92) is Navistar Service Parts – US (783).  |
| PER*BD*A MILIM N/L   | Navistar Buyer (BD) is A Milam.  |
| PER*OC*PRISCILLA BRADLEY*TE*331/332-9586 N/L                                 | Navistar Order contact (OC) is Priscilla Bradley; phone (TE) is 331/332-9586.  |
| PO1*1*25*EA*45.01*PE*BP*A4424MSB*VP*<br>4424MSB*PD*SPACER RIM 4-1/2 X 24 N/L | Assigned Id is 1, Order Quantity 25 pieces (EA), Price 45.01 per each (PE), Buyer's Part Number (BP) AA424MSB, Vendors Part (VP) 4424MSB, Part Description (PD) Spacer Rim 4-1/2 X 24. |
| PO4****BLK71 N/L   | Parts are Bulk.  |
| SAC*C*F155***500****EA*25 N/L  | Charge (C) for Packaging (F155) – crate is \$5.00. This is calculated total of PO qty 25 x .20 ea.   |
| SCH*25*EA***010*120713 N/L   | 25 pieces (EA) is requested for shipment (010) on 7/13/12.   |
| PKG*F****IDENTIFY EACH PIECE N/L   | Free form (F) Packaging description, "IDENTIFY EACH PIECE".  |
| CTT*1 N/L  | Number of PO1 segments included is 1.  |
| SE*20*0001 N/L   | Number of included segments is 20; Transaction Set Control Number is 0001.   |

**Service Parts Example II: Replenishment Purchase Order (850) for Requisitioned Items Not on Contract – shipping to a PDC or Packager**

1. ST\*850\*0001 N/L
2. BEG\*06\*NE\*300023149\*\*120629 N/L
3. CUR\*SU\*USD N/L
4. REF\*BE\*P\*SERVICE PARTS N/L
5. FOB\*PP\*DE\*FREIGHT PREPAID N/L
6. ITD\*01\*3\*\*\*\*\*60 N/L
7. DTM\*055\*120629 N/L
8. N1\*SU\*\*92\*5947490 N/L
9. PER\*SU\*JOE HOFF\*TE\*417/829-8255 N/L
10. N1\*ST\*07810781\_NAVISTAR MIDWEST PDC\*92\*07810781 N/L
11. N3\*2700 HAVEN AVENUE N/L
12. N4\*JOLIET\*IL\*60433\*US N/L
13. N1\*BY\*\*92\*783 N/L
14. PER\*BD\*A MILAM N/L
15. PER\*OC\*SCOTT MICHAEL\*TE\*630/753-6001 N/L
16. PO1\*1\*12\*EA\*150\*PE\*BP\*357102P3\*\*\*PD\*BOLT N/L
17. PO4\*\*\*\*BLK71 N/L
18. SAC\*C\*F155\*\*\*710 N/L
19. SCH\*12\*EA\*\*\*010\*120705 N/L
20. PKG\*F\*\*\*\*IDENTIFY EACH PIECE N/L
21. CTT\*1 N/L
22. SE\*22\*0001 N/L

**Service Parts Example II: Replenishment Purchase Order (850) for Requisitioned Items Not on Contract – shipping to a PDC or Packager**

This example shows the looping structure for a Service Purchase Order for parts purchased via a requisition.

| <u>EDI DATA ELEMENTS</u>                               | <u>INTERPRETATION</u>  |
|--|--|
| ST*850*0001 N/L  | Transaction Set ID code 850 (Purchase Order); Control Number is 0001.  |
| BEG*06*NE*300023149**120629 N/L                        | Confirmation (06) of a Requisition (NE), Purchase Order Number 300023149 dated 06/29/12.                                       |
| CUR*SU*USD   | Supplier Currency (SU) is USD – US Dollars   |
| REF*BE*P*SERVICE PARTS N/L                             | Business Entity (BE) is P – Service Parts  |
| FOB*PP*DE*FREIGHT PREPAID N/L                          | Ship Method of Freight Payment – Freight Prepaid (PP);   |
| ITD*01*3*****30 N/L                                    | Terms type is basic (01); net 30 days from invoice date.   |
| DTM*055*120629 N/L                                     | Date order confirmed is 06/29/12.  |
| N1*SU**92* N1*SU**92*5947490 N/L                       | Supplier (SU) Navistar assigned code (92) is 5947490.  |
| PER*SU*JOE HOFF*TE*417/829-8255 N/L                    | Supplier Contact (SU) is Joe Hoff; phone (TE) is 417/828-8255  |
| N1*ST*07810781_NAVISTAR MIDWEST<br>PDC*92*07810781 N/L | Ship-to (ST), Navistar Assigned (92) 07810781 is (Navistar Midwest PDC).   |
| N3*2700 HAVEN AVENUE N/L                               | Final Destination Ship to Street Address is 2700 Haven Avenue.   |
| N4*JOLIET*IL*60433*US N/L                              | Final Destination Ship to City is Joliet, State is Illinois, Zip Code is 60433, and Country is US.                             |
| N1*BY**92*783 N/L                                      | Buying party (BY) is Navistar Service Parts – US (783).  |
| PER*BD*A MILAM N/L                                     | Navistar Buyer (BD) is A Milam   |
| PER*OC*SCOTT MANN*TE*630/753-6111 N/L                  | Order contact (OC) Scott Mann; phone (TE) is 630/753-6111.   |
| PO1*1*12*EA*150*PE*BP*357102P3***PD*BOLT N/L           | Assigned id (1); Quantity 12 pieces (EA), Price 150.00 per each (PE), Navistar Part (BP) 357102P3, Part Description (PD) Bolt. |
| PO4****BLK71 N/L                                       | Parts are Bulk   |
| SAC*C*F155***710 N/L                                   | Charge (C) for Packaging (F155) – crate is \$7.10.   |
| SCH*12*EA***010*120705 N/L                             | 12 pieces (EA) are requested for shipment (010) on 7/05/12.  |
| PKG*F****IDENTIFY EACH PIECE N/L                       | Free form (F) Packaging description, "IDENTIFY EACH PIECE".  |
| CTT*1 N/L  | Number of PO1 segments included is 1.  |
| SE*22*0001   | Number of included segments is 22; transaction set control number is 0001  |

**Service Parts Example III: Government/Military RATED Purchase Order (850) for Items on Contract – shipping to a PDC or Packager**

1. ST\*850\*0001 N/L
2. BEG\*00\*RL\*300013764\*\*120208\*AN466C N/L
3. NTE\*PRI\*THIS IS A RATED ORDER CERTIFIED FOR NATIONAL DEFENSE USE AND, N/L
4. NTE\*PRI\*YOU ARE REQUIRED TO FOLLOW ALL THE PROVISIONS OF THE N/L
5. NTE\*PRI\*DEFENSE PRIORITIES AND ALLOCATION SYSTEM –DPAS- N/L
6. NTE\*PRI\*REGULATION - 15 CFR, PART 700. N/L
7. NTE\*PRI\*THE REFERENCED FIRM FIXED PRICE NON-COMMERCIAL –FFPNC-, N/L
8. NTE\*PRI\*COST REIMBURSEMENT –CR-, AND GOVERNMENT CONTRACT COMMERCIAL N/L
9. NTE\*PRI\*-GCOM-, PURCHASE ORDER REQUIREMENTS ARE SUBJECT TO ALL TERMS N/L
10. NTE\*PRI\*AND CONDITIONS, FAR AND DFARS FLOWDOWN CLAUSES AS STATED ON N/L
11. NTE\*PRI\*THE SUPPLIER'S PURCHASE ORDER. GO TO ISP.INTERNATIONAL N/L
12. NTE\*PRI\*DELIVERS.COM TO VIEW THESE REQUIREMENTS. DEFENSE STANDARD N/L
13. NTE\*PRI\*TERMS AND CONDITIONS, FAR AND DFARS FLOWDOWN CLAUSES ARE N/L
14. NTE\*PRI\*AVAILABLE AT [WWW.NAVISTARDEFENSE.COM/SUPPLIER](http://WWW.NAVISTARDEFENSE.COM/SUPPLIER) N/L
15. NTE\*\*MISCELLANEOUS NOTES TO SUPPLIER N/L
16. CUR\*SU\*USD N/L
17. REF\*BE\*G\*GOVERNMENT N/L
18. REF\*DO\*0006 N/L
19. REF\*AX\*AJ N/L
20. DTM\*007\*120201 N/L
21. TD5\*\*2\*AACT\*\*AAA COOPER TRANSPN N/L
22. N1\*SU\*\*92\*5947490 N/L
23. PER\*SU\*JOE HOFF\*TE\*417/829-6201 N/L
24. N1\*ST\*07180718\_NAVISTAR DEFENSE LLC\*92\*07180718 N/L
25. N3\*C/O NEW BREED LOGISTICS\*100 W THOMAS P ECHOLS LN N/L
26. N4\*SHEPHERDSVILLE\*KY\*40165\*US N/L
27. N1\*BY\*\*92\*783 N/L
28. PER\*BD\*A MILAM N/L
29. PER\*OC\*SCOTT MICHAEL\*TE\*630/753-6001 N/L
30. PO1\*1\*12\*EA\*150\*PE\*BP\*3571024P93\*\*\*PD\*HARN,RR\*ZB\*3523X7\*F S\*1453-2352-32 N/L
31. PO4\*\*\*\*BLK71 N/L
32. REF\*C7\*2092 N/L
33. REF\*DS\*DX-A4 N/L
34. REF\*GC\*M67854-07-D-5032 N/L
35. REF\*CE\*FFPNC N/L
36. SCH\*12\*EA\*\*\*010\*120305 N/L
37. MAN\*S\*MILITARY\*\*S\*A N/L
38. MAN\*S\*001\*\*S\*MIL-STD-2073-ID N/L
39. PKG\*F\*\*\*\*IDENTIFY EACH PIECE N/L
40. CTT\*1 N/L
41. SE\*41\*0001 N/L

**Service Parts Example III: Government/Military RATED Purchase Order (850) for Items on Contract – shipping to PDC or Packager**

This example shows the looping structure for a Service Military Purchase Order for part on contract shipping to a PDC

| <b><u>EDI DATA ELEMENTS</u></b>   | <b><u>INTERPRETATION</u></b>   |
|---|--|
| ST*850*0001 N/L   | Transaction Set ID Code is 850; Transaction Set Control Number 0001.   |
| BEG*00*RL*300013764**120208*AN466C N/L  | Original (00) Release Order (RL), Purchase Order Number 300013764, dated 2/8/12, Contract Number AN466C                                      |
| NTE*PRI*THIS IS A RATED ORDER CERTIFIED FOR NATIONAL DEFENSE USE AND, N/L                                       | Free Form required on Military Rated Orders to provide DPAS Regulation text: "This is a rated order certified for national defense use and," |
| NTE*PRI*YOU ARE REQUIRED TO FOLLOW ALL THE PROVISIONS OF THE N/L  | Free Form Message cont: "and you are required to follow all the provisions of the"   |
| NTE*PRI*DEFENSE PRIORITIES AND ALLOCATION SYSTEM – DPAS- N/L  | Free Form Message cont: "the Defense Priorities and Allocation System DPAS".   |
| NTE*PRI*REGULATION - 15 CFR, PART 700. N/L  | Free Form Message cont: "Regulation - 15 CFR, Part 700".   |
| NTE*PRI*THE REFERENCED FIRM FIXED PRICE NON-COMMERCIAL –FFPNC-, N/L   | Free Form Message cont: "the referenced firm fixed price non-commercial –FFPNC,"   |
| NTE*PRI*COST REIMBURSEMENT –CR-, AND GOVERNMENT CONTRACT COMMERCIAL N/L   | Free Form Message cont: "cost reimbursement –CR-, and Government Contract Commercial"  |
| NTE*PRI*-GCOM-, PURCHASE ORDER REQUIREMENTS ARE SUBJECT TO ALL TERMS N/L  | Free Form Message cont: "-GCOM-, purchase order requirements are subject to all terms"   |
| NTE*PRI*AND CONDITIONS, FAR AND DFARS FLOWDOWN CLAUSES AS STATED ON N/L   | Free Form Message cont: "and conditions, FAR and DFARS flowdown clauses as stated on "   |
| NTE*PRI*THE SUPPLIER'S PURCHASE ORDER. GO TO ISP.INTERNATIONAL N/L  | Free Form Message cont: "the supplier's purchase order. Go to isp.international"   |
| NTE*PRI*DELIVERS.COM TO VIEW THESE REQUIREMENTS. DEFENSE STANDARD N/L   | Free Form Message cont: "delivers.com to view these requirements. Defense Standard "   |
| NTE*PRI*TERMS AND CONDITIONS, FAR AND DFARS FLOWDOWN CLAUSES ARE N/L  | Free Form Message cont: "terms and conditions, Far and DFARS Flowdown clauses are "  |
| NTE*PRI*AVAILABLE AT <a href="http://WWW.NAVISTARDEFENSE.COM/SUPPLIER">WWW.NAVISTARDEFENSE.COM/SUPPLIER</a> N/L | Free Form Message cont: "available at <a href="http://www.navistardefense.com/supplier">www.navistardefense.com/supplier</a> "               |
| NTE**MISCELLANEOUS NOTES TO SUPPLIER N/L  | Free Form Miscellaneous Notes to Supplier  |
| CUR*SU*USD N/L  | Supplier Currency (SU) is USD – US Dollars   |
| REF*BE*G*GOVERNMENT N/L   | Business Entity (BE) is G - Government/Military Aftermarket  |
| REF*DO*0006 N/L   | Government Delivery Order Number (DO) is 0006.   |
| REF*AX*AJ N/L   | Government Accounting Class Reference Number – ACRN (AX) is AJ.  |
| DTM*007*120201 N/L  | Award Effective Date (007) is February 1, 2012.  |

**Service Parts Example III: Government/Military RATED Purchase Order (850) for Items on Contract – shipping to PDC or Packager (continued)**

| <b><u>EDI DATA ELEMENTS</u></b>  | <b><u>INTERPRETATION</u></b>   |
|--|--|
| TD5**2*AACT**AAA COOPER TRANSPTN <small>N/L</small>  | SCAC Code (2) is AACT – AAA Cooper Transportation.   |
| N1*SU**92*5947490 <small>N/L</small>   | Supplier (SU) Navistar assigned code (92) is 5947490.  |
| PER*SU*JOE HOFF*TE*417/829-6201 <small>N/L</small>   | Supplier (SU) Contact is Joe Hoff; Telephone (TE) is 417/829-6201.   |
| N1*ST*07180718_NAVISTAR DEFENSE LLC*92*07180718<br><small>N/L</small>                              | Ship-to (ST) location, Navistar assigned code (92) is 07180718 (Navistar Defense LLC).   |
| N3*C/O NEW BREED LOGISTICS*100 W THOMAS P ECHOLS<br>LN <small>N/L</small>                          | Final Destination Ship to Street Address is C/O New Breed Logistics, 100 W. Thomas P Echols Ln.  |
| N4*SHEPHERDSVILLE*KY*40165*US <small>N/L</small>   | Final Destination Ship to City is Shepherdsville, State is Kentucky, Zip Code is 40165, and Country is US.   |
| N1*BY**92*783 <small>N/L</small>   | Buying Party (BY) Navistar assigned code (92) is Navistar Service Parts – US (783).  |
| PER*BD*A MILAM <small>N/L</small>  | Navistar Buyer Name (BD) is A Milam.   |
| PER*OC*SCOTT MICHAEL*TE*630/753-6201 <small>N/L</small>  | Navistar Order Contact (OC) is Scott Michael; Telephone (TE) is 630/753-6201.  |
| PO1*1*12*EA*150*PE*BP*3571024P93***PD*HARN,RR*Z<br>B*3523X7*FS*5230-02-555-5444 <small>N/L</small> | Assigned id (1); Order quantity 12 pieces (EA), Price 150.00 each (PE); Buyer Part Number (BP) 3571024P93, Part Description (PD) Harn, RR; Commercial & Government Entity or Cage Code (ZB) is 3523X7; National Stock Number (FS) is 5230-02-555-5444; |
| PO4****BLK71 <small>N/L</small>  | Parts are Bulk (Blk71).  |
| REF*C7*2092 <small>N/L</small>   | Government Contract Line Item (C7) is 2092.  |
| REF*DS*DX-A4 <small>N/L</small>  | Defense Priorities Allocation System (DPAS) Priority Rating is DX-A4   |
| REF*GC*M67854-07-D-5032 <small>N/L</small>   | Government Contract Number (GC) is M67854-07-D-5032  |
| REF*CE*FFPNC <small>N/L</small>  | Supplier Contract Type (CE) is FFPNC – Firm Fixed Price Non-Commercial   |
| SCH*12*EA***010*120305 <small>N/L</small>  | 11 pieces (EA) are requested for shipment on 3/5/2012.   |
| MAN*L*MILITARY**L*A <small>N/L</small>   | Marks & Numbers (L) Line Item only; 1 <sup>st</sup> line – Military is Level Preservation; 2 <sup>nd</sup> line – A is Level Packing.  |
| MAN*L*001**L*MIL-STD-2073-ID <small>N/L</small>  | Marks & Numbers (L) Line Item only; 3 <sup>rd</sup> line – 001 is Quantity per Unit Package; 4 <sup>th</sup> line – MIL-STD-2073-ID is Specification or Standard.  |
| PKG*F****IDENTIFY EACH PIECE <small>N/L</small>  | Free form (F) Packaging Description is Identify Each Piece.  |
| CTT*1 <small>N/L</small>   | Number of PO1 segments included is 1.  |
| SE*41*0001 <small>N/L</small>  | Number of included segments is 41; Transaction Set Control Number is 0001  |

**Service Parts Example IV: Critical Purchase Order (850) for Requisition Item Not on Contract – shipping to a Special Address (Dealers Customer)**

1. ST\*850\*0001 N/L
2. BEG\*06\*RO\*300023149\*\*120629 N/L
3. CUR\*SU\*USD N/L
4. REF\*BE\*C\*SERVICE PARTS CRITICAL N/L
5. REF\*CO\*AN25869 N/L
6. REF\*IL\*DC9685700 N/L
7. ITD\*01\*3\*\*\*\*\*60 N/L
8. DTM\*055\*120629 N/L
9. TD5\*\*2\*AACT\*\*AAA COOPER TRANSPTN N/L
10. N1\*SU\*\*92\*5947490 N/L
11. PER\*SU\*JOE HOFF\*TE\*417/829-6201 N/L
12. N1\*SO\*\*92\*07813341 N/L
13. N1\*ST\*GETTYSBURG GARAGE N/L
14. N3\*100 LINDA LANE\*SUITE 500 N/L
15. N4\*GETTYSBURG\*PA\*19191\*USA N/L
16. N1\*BY\*\*92\*783 N/L
17. PER\*BD\*A MILAM N/L
18. PER\*OC\*SCOTT MICHAEL\*TE\*630/753-6001 N/L
19. PO1\*1\*12\*EA\*150\*PE\*BP\*3571024P93\*\*\*PD\*HARN,RR\*ZB\*3523X7\*F S\*1453-2352-32 N/L
20. PO4\*1\*\*PK\*CTN76 N/L
21. SAC\*C\*F155\*\*\*710 N/L
22. SCH\*12\*EA\*\*\*010\*120630 N/L
23. PKG\*F\*\*\*\*IDENTIFY EACH PIECE N/L
24. CTT\*1 N/L
25. SE\*25\*0001 N/L

**Service Parts Example IV: Critical Purchase Order (850) for Requisition Item Not on Contract – shipping to a Special Address (Dealers Customer)**

| <b><u>EDI DATA ELEMENTS</u></b>                    | <b><u>INTERPRETATION</u></b>   |
|--|--|
| ST*850*0001 N/L                                    | Transaction Set ID code is 850 (Purchase Order); Control Number is 0001.   |
| BEG*06*RO*300023149**120629 N/L                    | Confirmed (06) Rush Order (RO), PO # 300023149 dated 6/29/2012.  |
| CUR*SU*USD N/L                                     | Supplier Currency (SU) is USD – US Dollars   |
| REF*BE*C*SERVICE PARTS CRITICAL ORDER N/L          | Business Entity (BE) is C – Service Parts Critical Order   |
| REF*CO*AN25869 N/L                                 | Customer order number (CO) is AN25869.   |
| REF*IL*DC9685700 N/L                               | Internal Sales Order (IL) is DC9685700.  |
| ITD*01*3*****60 N/L                                | Terms type is basic (01); net 60 days from invoice date.   |
| DTM*055*120629 N/L                                 | Date order confirmed is 6/29/2012  |
| TD5**2*AACT**AAA COOPER TRANSPTN N/L               | SCAC Code (2) is AACT – AAA Cooper Transportation.   |
| N1*SU**92*5947490 N/L                              | Supplier (SU) Navistar assigned code (92) is 5947490.  |
| PER*SU*JOE HOFF*TE*417/829-6201 N/L                | Supplier (SU) Contact is Joe Hoff; Telephone (TE) is 417/829-6201.   |
| N1*SO**92*07813341 N/L                             | Sold-to (SO) Navistar assigned code (92) is 07813341 (Dealer)  |
| N1*ST*GETTYSBURG GARAGE N/L                        | Ship-to (ST) name is Gettysburg Garage   |
| N3*100 LINDA LANE*SUITE 500 N/L                    | (Customer Address) Ship to address 1 <sup>st</sup> line is 100 Linda Lane; Ship to address 2 <sup>nd</sup> line is Suite 500   |
| N4*GETTYSBURG*PA*19191*USA N/L                     | (Customer Address) The Ship-To City is Gettysburg, State is PA, Zip is 19191, and Country is USA.                              |
| N1*BY**92*783 N/L                                  | Buying party (BY) is Navistar Service Parts – US (783).  |
| PER*BD*A MILAM N/L                                 | Navistar Buyer (BD) is A Milam.  |
| PER*OC*SCOTT MICHAEL*TE*630-753-6001 N/L           | Navistar Order contact (OC) is Scott Michael; Telephone (TE) is 630-753-6001.  |
| PO1*1*12*EA*150*PE*BP*3571024P93*PD* Harn, RR* N/L | Assigned id (1); Order qty 12 pieces (EA), Price 150.00 each (PE); Buyer Part (BP) 3571024P93, Part Description (PD) Harn, RR; |
| PO4****BLK71 N/L                                   | Parts are bulk – BLK71;  |
| SAC*C*F155***710 N/L                               | Charge (C) for Packaging (F155) is \$7.10.   |
| SCH*12*EA***010*120630 N/L                         | 12 pieces (EA) are requested for shipment on 6/30/2012.  |
| PKG*F****IDENTIFY EACH PIECE N/L                   | Free form (F) Packaging Description is Identify Each Piece.  |
| CTT*1 N/L  | Number of PO1 segments included is 1.  |
| SE*25*0001 N/L                                     | Number of included segments is 25; Transaction Set Control Number is 0001.   |

**Service Parts Example V: Global/Export Direct Ship to Dealer via Freight Forwarder**  
**Purchase Order 850**

1. ST\*850\*0001 N/L
2. BEG\*00\*DR\*GL-500000409\*\*120802 N/L
3. CUR\*SU\*USD N/L
4. REF\*BE\*X\*EXPORT N/L
5. REF\*CO\*M17096 N/L
6. REF\*AN\*Z40904 N/L
7. FOB\*PC N/L
8. TD5\*\*93\*SHIP\*\*THE BEST WAY N/L
9. MAN\*S\*ARABIAN AUTO AGENCY CO. LTD.\*\*S\*KILO 8 MADINAH ROAD N/L
10. MAN\*S\*JEDDAH 21451\*\*S\*KINGDOM OF SAUDI ARABIA N/L
11. MAN\*S\*LOT #DH5811100 N/L
12. N1\*SU\*\*92\*3546760 N/L
13. N1\*BY\*\*92\*783 N/L
14. PER\*OC\*OC INSIDE SALES\*TE\*877-628-7278 N/L
15. N1\*MI\*\*92\*776 N/L
16. N1\*SO\*\*92\*7553SA07 N/L
17. N1\*ST\*ARABIAN AUTO AGENCY N/L
18. N3\*ARABIAN AUTO AGENCY CO.\*KILO 8 MEDINAH ROAD N/L
19. N3\*JEDDAH 21451\*KINGDOM SAUDI ARABIA N/L
20. N4\*MIAMI\*FL\*33172\*US N/L
21. PO1\*1\*102\*EA\*18.37\*PE\*BP\*LF3000\*PD\*FILTER N/L
22. SCH\*102\*EA\*\*\*010\*120802 N/L
23. PO1\*2\*108\*EA\*5.04\*PE\*BP\*FF201\*PD\*FILTER-FUEL N/L
24. SCH\*108\*EA\*\*\*010\*120802 N/L
25. CTT\*2 N/L
26. SE\*26\*0001 N/L

## Service Parts Example V: Global/Export Direct Ship to Dealer via Freight Forwarder

### Purchase Order 850

| <u>EDI DATA ELEMENTS</u>   | <u>INTERPRETATION</u>   |
|--|---|
| ST*850*0001 N/L  | Transaction Set ID Code is 850; Transaction Set Control Number is 0001.   |
| BEG*00*DR*GL-500000409**120802 N/L                               | Original (00) Direct Ship Stock Order (DR), Purchase Order Number is GL-500000409, dated 08/02/12.  |
| CUR*SU*USD N/L   | Supplier Currency (SU) is USD – US Dollars  |
| REF*BE*X*EXPORT N/L  | Business Activity (BE), X indicates Export.   |
| REF*CO*M17096 N/L  | Customer Order Number (CO) is M17096.   |
| REF*AN*Z40904 N/L  | Associated (Blanket) Order Number (AN) is Z40904  |
| FOB*PC N/L   | Ship Method of Freight Payment – Prepaid /charged to customer (PC).   |
| TDS**93*SHIP**THE BEST WAY N/L                                   | SCAC Code (93) defined by Navistar as SHIP – The Best Way.  |
| MAN*S*ARABIAN AUTO AGENCY CO. LTD.**S*KILO 8<br>MADINAH ROAD N/L | Marks & Numbers (S) for Entire Shipment<br>1 <sup>st</sup> line – Arabian Auto Agency Co. Ltd<br>2 <sup>nd</sup> line – Kilo 8 Medinah Road           |
| MAN*S*JEDDAH 21451**S*KINGDOM OF SAUDI ARABIA N/L                | Marks & Numbers (S) for Entire Shipment<br>3 <sup>rd</sup> line - Jeddah 21451.<br>4 <sup>th</sup> line – Kingdom of Saudi Arabia.                    |
| MAN*S*LOT #D83140900 N/L   | Marks & Numbers (S) for Entire Shipment<br>5 <sup>th</sup> line - Lot #D83140900  |
| N1*SU**92*3546760 N/L  | Supplier (SU) Navistar assigned code (92) is 3546760.   |
| N1*BY**92*783 N/L  | Buying Party (BY) Navistar assigned code (92) is Navistar Service Parts – US (783).   |
| PER*OC*OC INSIDE SALES*TE*877-628-7278 N/L                       | Navistar Order Contact (OC) Inside Sales, Telephone Number (TE) 877-628-7278.   |
| N1*MI**92*776 N/L  | Material Release Issuer (MI) Navistar Assigned Code (92) is 776 (Atlanta/Fairburn PDC)  |
| N1*SO**92*7553SA07 N/L   | Sold-to(SO) Navistar assigned code (92) is 7553SA07 (Dealer)  |
| N1*ST*ARABIAN AUTO AGENCY N/L                                    | Ship-to (ST) Name is Arabian Auto Agency (Freight Forwarder).   |
| N3*ARABIAN AUTO AGENCY CO.*KILO 8 MEDINAH<br>ROAD N/L            | (Freight Forwarder)<br>Ship-to address 1 <sup>st</sup> line is Arabian Auto Agency Co.<br>Ship-to address 2 <sup>nd</sup> line is Kilo 8 Medinah Road |
| N3*JEDDAH 21451*KINGDOM SAUDI ARABIA N/L                         | (Freight Forwarder)<br>Ship-to address 3 <sup>rd</sup> line is Jeddah 21451.<br>Ship-to address 4 <sup>th</sup> line is Kingdom Saudi Arabia.         |
| N4*MIAMI*FL*33172*US N/L   | (Freight Forwarder)<br>The Ship-to City is Miami, State is Florida, Postal Code 33172, and Country is US.   |

**Service Parts Example V: Global/Export Direct Ship to Dealer via Freight Forwarder  
Purchase Order 850 (continued)**

| <b><u>EDI DATA ELEMENTS</u></b>                  | <b><u>INTERPRETATION</u></b>   |
|--|--|
| PO1*1*102*EA*18.37*PE*BP*LF3000*PD*FILTER N/L    | Assigned id is 1; Order quantity is 102 pieces (EA); Price 18.37 each (PE); Buyer's Part Number (BP) LF3000; Part Description (PD) is Filter.    |
| SCH*102*EA***010*120802 N/L                      | 102 pieces (EA) are requested for shipment on 8/2/12.  |
| PO1*2*108*EA*5.04*PE*BP*FF201*PD*FILTER-FUEL N/L | Assigned id is 2; Order quantity is 108 pieces (EA); Price 5.04 each (PE); Buyer's Part Number (BP) FF201; Part Description (PD) is Filter-Fuel. |
| SCH*108*EA***010*120802 N/L                      | 108 pieces (EA) are requested for shipment on 8/2/12.  |
| CTT*2 N/L  | Number of PO1 segments included is 2.  |
| SE*26*0001 N/L                                   | Number of included segments is 26; Transaction Set Control Number is 0001.   |

**Service Parts Example VI: Domestic Direct Ship to Dealer Purchase Order (850)**

1. ST\*850\*0001 N/L
2. BEG\*00\*DR\*US-800000364\*\*120801 N/L
3. CUR\*SU\*USD N/L
4. REF\*BE\*D\* DEALER DIRECT SHIP PROGRAM N/L
5. REF\*CO\*253326 N/L
6. REF\*AN\*Z50999 N/L
7. FOB\*PC N/L
8. TD5\*\*2\*DHLG\*\*DHL GROUND N/L
9. N1\*SJ\*\*92\*3057590 N/L
10. N1\*BY\*\*92\*783 N/L
11. PER\*OC\*INSIDE SALES\*TE\*877-628-7278 N/L
12. N1\*MI\*\*92\*770
13. N1\*ST\*SACHERY MTR TRK SLS\*92\*07702207 N/L
14. N3\*895 GREEN PIKE\*ATTN CHUCK SMITH N/L
15. N4\*CLARAN\*PA\*16224\*US N/L
16. PO1\*1\*2\*EA\*34.84\*PE\*BP\*AF4878\*PD\*AIR FILTER N/L
17. SCH\*2\*EA\*\*\*010\*120801 N/L
18. PO1\*2\*1\*EA\*5.04\*PE\*BP\*AF1616\*PD\*FILTER N/L
19. SCH\*1\*EA\*\*\*010\*120801 N/L
20. CTT\*2 N/L
21. SE\*21\*0001 N/L

**Service Parts Example VI: Domestic Direct Ship to Dealer Purchase Order (850)**

| <u>EDI DATA ELEMENTS</u>                        | <u>INTERPRETATION</u>  |
|---|--|
| ST*850*0001 N/L                                 | Transaction Set ID Code is 850; Transaction Set Control Number is 0001.  |
| BEG*00*DR*US-800000364**120801 N/L              | Original (00) Direct Ship Stock Order (DR), Purchase Order Number is US-800000364, dated 08/01/12.                                       |
| CUR*SU*USD N/L                                  | Supplier Currency (SU) is USD – US Dollars   |
| REF*BE*D* DEALER DIRECT SHIP PROGRAM N/L        | Business Activity (BE), D indicates Dealer Direct Ship Program   |
| REF*CO*253326 N/L                               | Customer Order Number (CO) is 253326.  |
| REF*AN*Z50999 N/L                               | Associate (Blanket) Order Number (AN) is Z50999.   |
| FOB*PC N/L                                      | Ship Method of Payment – Prepaid /charged to customer (PC).  |
| TD5**2*DHLG**DHL GROUND N/L                     | SCAC Code (2) is DHLG – DHL GROUND.  |
| N1*SU**92*3057590 N/L                           | Supplier (SU) Navistar assigned code (92) is 3057590.  |
| N1*BY**92*783 N/L                               | Buying Party (BY) Navistar assigned code (92) is Navistar Service Parts – US (783).  |
| PER*OC*INSIDE SALES*TE*8776287278 N/L           | Navistar Order Contact (OC) Inside Sales, Telephone Number (TE) 8776287278   |
| N1*MI**92*770                                   | Material Release Issuer (MI) Navistar Assigned Code (92) is 770 (Manchester, PA / York PDC)  |
| N1*ST*SACHERY MTR TRK SLS*92*07702207 N/L       | Ship-to (ST) name is Sachery Mtr Trk Sls, Navistar assigned Code (92) is 07702207 (Dealer Sold to and Ship to Code)                      |
| N3*895 GREEN PIKE*ATTN CHUCK SMITH N/L          | (Dealer Address)<br>Ship-to address 1 <sup>st</sup> line is 895 Green Pike.<br>Ship-to address 2 <sup>nd</sup> line is Attn Chuck Smith. |
| N4*CLARAN*PA*16224*US N/L                       | (Dealer Address)<br>The Ship-to City is Claran, State is Pennsylvania, Postal Code 16224, and Country is US.                             |
| PO1*1*2*EA*34.84*PE*BP*AF4878*PD*AIR FILTER N/L | Assigned id is 1; Quantity is 2 (EA); Price 34.84 each (PE); Buyer's Part Number (BP) AF4878; and Part Description (PD) is Air Filter.   |
| SCH*2*EA***010*120801 N/L                       | 2 pieces (PC) are requested for shipment on 8/01/12.   |
| PO1*2*1*EA*5.04*PE*BP*AF1616*PD*FILTER N/L      | Assigned id is 2; Quantity is 1 (EA); Price 5.04 each (PE); Buyer's Part Number (BP) AF1616; and Part Description (PD) is Filter.        |
| SCH*1*EA***010*120801 N/L                       | 1 piece (PC) is requested for shipment on 8/01/12.   |
| CTT*2 N/L                                       | Number of PO1 segments included is 2.  |
| SE*21*0001 N/L                                  | Number of included segments is 21; Transaction Set Control Number is 0001.   |

**Service Parts Example VII: Mexico Dealer Direct Ship Purchase Order (850)**  
**Ship Direct to Special Address / Customer**

1. ST\*850\*0001 N/L
2. BEG\*00\*DR\*MX-900000116\*\*120801 N/L
3. CUR\*SU\*MEX N/L
4. REF\*BE\*D\*DEALER DIRECT SHIP PROGRAM N/L
5. REF\*CO\*16135 N/L
6. REF\*AN\*Z40994 N/L
7. FOB\*CC N/L
8. TD5\*\*2\*UPSA\*\*UPS NEXT DAY AIR N/L
9. N1\*SU\*\*92\*5461790 N/L
10. N1\*MJ\*\*92\*807
11. N1\*BY\*\*92\*883 N/L
12. PER\*OC\*INSIDE SALES\*TE\*8002600955 N/L
13. N1\*SO\*\*92\*08072143 N/L
14. N1\*ST\*MEDINA GARAGE N/L
15. N3\*121 1<sup>ST</sup> AVE EAST\* APIZACO N/L
16. N4\*TLAXCALA\*\*90338\*MX N/L
17. PO1\*1\*1\*EA\*66.5\*PE\*BP\*ZBH996124\*PD\*DRIVE N/L
18. SCH\*1\*EA\*\*\*010\*120801 N/L
19. CTT\*1 N/L
20. SE\*20\*0001 N/L

**Service Parts Example VII: Mexico Dealer Direct Ship Purchase Order (850)**  
**Ship Direct to Special Address / Customer**

| <b><u>EDI DATA ELEMENTS</u></b>              | <b><u>INTERPRETATION</u></b>  |
|--|---|
| ST*850*0001 N/L                              | Transaction Set ID Code is 850; Transaction Set Control Number is 0001.   |
| BEG*00*DR*MX-900000116**120801 N/L           | Original (00) Direct Ship Stock Order (DR), Purchase Order Number is MX-900000116, dated 08/01/12.  |
| CUR*SU*MEX N/L                               | Supplier Currency (SU) is MEX – Mexican Peso's  |
| REF*BE*D*DEALER DIRECT SHIP PROGRAM N/L      | Business Activity (BE), D indicates Dealer Direct Ship Program  |
| REF*CO*16135 N/L                             | Customer Order Number (CO) is 16135.  |
| REF*AN*Z40994 N/L                            | Associate (Blanket) Order Number (AN) is Z40994.  |
| FOB*CC N/L                                   | Ship Method of Freight Payment – Collect (CC).  |
| TD5**2*UPSA**UPS NEXT DAY AIR N/L            | SCAC Code (2) is UPSA – UPS Next Day Air.   |
| N1*SU**92*5461790 N/L                        | Supplier (SU) Navistar assigned code (92) is 5461790.   |
| N1*MI**92*807                                | Material Release Issuer (MI) Navistar Assigned Code (92) is 807 (Mexico PDC)  |
| N1*BY**92*883 N/L                            | Buying Party (BY) Navistar assigned code (92) is Navistar Service Parts – MEX (883).  |
| PER*OC*INSIDE SALES*TE*8002600955 N/L        | Navistar Order Contact (OC) is Inside Sales, Telephone Number (TE) 8002600955.  |
| N1*SO**92*08072143 N/L                       | Sold-to (SO) Navistar assigned code (92) is 08072143. (Dealer)  |
| N1*ST*MEDINA GARAGE N/L                      | Ship-to (ST) name is Medina Garage (Customer)   |
| N3*121 1 <sup>ST</sup> AVE EAST*APIZACO N/L  | (Customer Address)<br>Ship-to address 1 <sup>st</sup> line is 121 1 <sup>st</sup> Ave East.<br>Ship-to address 2 <sup>nd</sup> line is Apizaco. |
| N4*TLAXCALA**90338*MX                        | (Customer Address)<br>Ship-to City is Tlaxcala; Postal Code 90338; Country is MX.   |
| PO1*1*1*EA*66.5*PE*BP*ZBH996124*PD*DRIVE N/L | Assigned id is 1; Quantity is 1 piece (EA); Price 66.5 each (PE); Buyer's Part (BP) ZBH996124; and Part Description (PD) is Drive.              |
| SCH*1*EA***010*120801 N/L                    | 1 piece (EA) is requested for shipment on 8/01/12.  |
| CTT*1 N/L                                    | Number of PO1 segments included is 1.   |
| SE*20*0001 N/L                               | Number of included segments is 20; Transaction Set Control Number is 0001.  |