## SPECIFIC CRITERIA FOR THE GENERAL MOTORS GLOBAL TRADING PARTNER LABEL TEMPLATE:

- THE TEMPLATE IDENTIFIES HOW AND WHERE DATA IS TO BE PLACED ON THE LABEL WHEN IT IS REQUIRED AS PART OF A GM BUSINESS REQUIREMENT
- FONT SIZES ARE SPECIFIED FOR READABILITY - DATA THAT WILL NOT FIT AT THE SPECIFIED FONT SIZE IS TO BE TRUNCATED
- WHEN A MATERIAL HANDLING CODE *(ALSO KNOWN AS "DLOC")* IS REQUIRED, RECEIVING LOCATIONS ARE RESPONSIBLE FOR PROVIDING THE CORRECT INFORMATION TO THE SUPPLIER *(VIA EDI)*
- MINIMUM LABEL DIMENSIONS - APPROXIMATELY 4" (102 MM) HIGH BY 6" (152 MM) WIDE
  - IN EUROPE IS THE PAPER FORMAT DINA5(~ 6" x 8") IN USE => IF IT WILL BE USED, PLEASE EXPAND THE FONT TO MAX
  - ALWAYS THE CONTAINER SIZE/PLACE FOR THE LABEL SHOULD BE THE DECISION WHICH PAPER SIZE MAY BE USED
- LABELS SHALL BE PRINTED WITH BLACK CHARACTERS ON WHITE BACKGROUND *(NEITHER COLORED PAPER NOR COLORED INK IS ALLOWED)*
- FONTS SHALL BE **UPPERCASE BOLD ARIAL NARROW, HELVETICA CONDENSED** OR **EQUIVALENT**
- BAR CODE SYMBOLOGIES ON THE LABEL SHALL BE: CODE 128 LINEAR BAR CODE, AND, DATA Matrix 2-D BAR CODE
- DATES SHALL BE IN THE INTERNATIONAL FORMAT OF "DDMMMYYYY" *(EG: 25SEP2001)*
- *SUPPLIERS MUST USE DELJIT-SH 2 CHARACTER PLANT CODE DATA <u>IF THE PCI SEGMENTS ARE PROVIDED</u> (=> PAGE 15)*
  - *ALTERNATIVE IS TO USE THE 5 CHARACTER CISCO PLANT CODE FROM THE NAD+ST SEGMENT(=> PAGE16/17)*
- WEIGHTS SHALL BE EXPRESSED IN THE INTERNATIONAL METRIC FORMAT OF KILOGRAMS (*ROUNDED, NO DECIMAL*)
- LABELS SHALL BE VERIFIED AS LEGIBLE BY THE SUPPLIER PER AIAG B10, B14, B8, B16, QS9000 AND ISO STANDARDS
  - *(NOTE: BAR CODES MUST BE EASILY SCANNABLE AND MEET OR EXCEED ANSI PRINT QUALITY according to ISO/IEC 15415 as "C, 1.5/10/660"AT POINT OF RECEIPT. THE DATA MATRIX SYMBOLOGY ERROR CORRECTION SHOULD BE SET TO ECC200.)*
- LABELS SHALL BE AFFIXED IN ACCORDANCE WITH GM1738 GUIDELINES *(USUALLY OPPOSITE ENDS OF EACH CONTAINER)*
- FOR LOCAL SUPPLIERS ONLY SHIPPING TO LOCAL GM PLANTS CAN USE THE LOCAL LANGUAGE BUT MUST HAVE COMMON LABEL FORMAT.

ADDITIONAL DETAILS AVAILABLE AT GENERAL MOTORS' SUPPLY POWER SITE "**https://gmsupplypower.covisint.com/web/portal/home**" *(search on "GM1724")*

EMAIL REQUESTS FOR ADDED CLARIFICATION OR SUGGESTED CHANGES TO: REVERENCE THE CONTACT LIST ON SUPPLY POWER

NOTE: SEE ALSO MASTER LABEL *(GM1724-B)* AND MIXED LABEL *(GM1724-C)* STANDARDS AND PACKAGING GUIDELINES *(GM1738)*

**IT'S YOUR IMAGE**
Your label is the impression of your company and it's products. Poorly printed labels, sloppy placement, and unscannable barcodes reflect on the perception of your company. The shipping label and associated processes should receive the same quality efforts as your product – it's your image.

# DATA LAYOUT

*It is recommended that this vertical separator line should not be printed. (See Quiet Zone)*

| | | |
|---|---|---|
| **A1**<br>**SHIP FROM** | **A2**<br>**SHIP TO** | **A3**<br>**2D SYMBOL** |

| | |
|---|---|
| **B1**<br>**QUANTITY** | **B2**<br>**ROUTING INFORMATION** |

| | |
|---|---|
| **C1**<br>**GM PART NUMBER** | **C2**<br>**LOGISTICS REFERENCE #1** |

| | |
|---|---|
| **D1**<br>**LICENSE PLATE** | **D2**<br>**REFERENCE #2** |

| | |
|---|---|
| **E1**<br>**SUPPLIER AREA** | **E2**<br>**REFERENCE #3** |

*MIMINUM LABEL DIMENSIONS - APPROXIMATELY 4" (102 MM) HIGH BY 6" (152 MM) WIDE*

**0**

**0**

38 mm
(1.5 in)

48 mm
1.89 in

96.5 mm
(3.8 in) *

106 mm
(4.17 in)

| A1 | A2 | A3 |

25.4 mm
(1.0 in)

| B1 | B2 |

38.1 mm
(1.5 in)

| C1 | C2 |

50.8 mm
(2.0 in)

| D1 | D2 |

76.2 mm
(3.0 in)

| E1 | E2 |

\*

This dimension based on nominal 0.38 mm (0.015 in) Code 128 bar code license plate. The label provider must ensure quiet zone requirement of 6.4 mm (0.25 in ) is maintained.

***MIMIMUM LABEL DIMENSIONS - APPROXIMATELY 4" (102 MM) HIGH BY 6" (152 MM) WIDE***

# DATA SOURCES

ADDRESS INFORMATION SUPPLIER GENERATED BASED ON CUSTOMER ORDER

PLANT/DOCK CODE FROM EDIFACT DELFOR OR DELJIT PCI SEGMENT # 12 (=> Pages 16 – 18)

ENCODED 2D BAR CODE DATA SHALL INCLUDE PART NUMBER, PART QUANTITY, LICENSE PLATE, PLANT/DOCK, MATERIAL HANDLING CODE, REFERENCE#1: PO NUMBER OR KANBAN, (*DEPENDS ON BUSINESS REQUIREMENT*).

ADDITIONAL RECOMMENDED DATA:, CONTAINER TYPE, WEIGHT

DATA FROM SUPPLIER FILES NOTE: SUPPLIER CONTACT (PHONE OR E-MAIL) IS AT THE SUPPLIER'S OPTION ONLY NEED "MADE IN" OR "ASSEMBLIED IN" TITLE

MATERIAL HANDLING CODE FROM EDIFACT DELFOR OR DELJIT PCI SEGMENT #11 (=> Pages 14 – 17)

DATA FROM SUPPLIER FILES (QUANTITY SHOULD MATCH CUSTOMER ORDER)
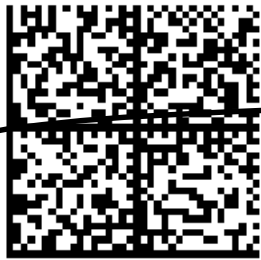
DATA FROM SUPPLIER FILES CUSTOMER PART NUMBER MUST MATCH CUSTOMER ORDER

REFERENCE SUB-BLOCK #1 CUSTOMER REQUESTED REF FROM DELFOR (e.g. KANBAN- or PO-NO.)

OPTIONAL SPECIAL SYMBOL or EXPIRATION DATE CRITICAL PART, SAFETY, ETC.) EXP = EXPIRATION DATE TITLE CHECK DRAWING IF NEEDED

SUPPLIER DUNS ID COMBINED WITH SUPPLIER GENERATED SHIP PACK UNIQUE SERIAL NUMBER

REFERENCE SUB-BLOCK #2 DATE: SPECIFY TYPE, E.G. SHIP, PACK, MANUFACTURING, SUPPLIER GENERATED, CONTAINER TYPE: BASED ON CUSTOMER REQUIREMENTS GROSS WEIGHT: SUPPLIER GENERATED ROUND – NO DECIMAL

UNRESTRICTED AREA OF LABEL FOR SUPPLIER'S USE *NOTE - USE APPROPRATE DIs AND DATA SYNTAX FOR ALL BAR CODES*

REFERENCE SUB-BLOCK #3 TEXT IS A DIRECT PASS-THROUGH OF WHATEVER DATA IS RECEIVED IN EDIFACT DELFOR OR DELJIT PCI SEGMENTS, PICKUP SHEET NUMBER, OR EXPIRATION DATE.

## Label

| FROM:<br>**SUPPLIER NAME**<br>**FROM ADDRESS LINE 1**<br>**FROM ADDRESS LINE 2**<br>**FROM ADDRESS LINE 3**<br>**EMAIL PHONE CONTACT**<br>**ASSEMBLED/MADE IN XX** | TO:<br>**GM PLANT NAME**<br>**TO ADDRESS LINE 1**<br>**TO ADDRESS LINE 2**<br>**TO ADDRESS LINE 3**<br>PLANT/DOCK: **LC 15C** | |
|---|---|---|
| QUANTITY:<br>**160** | MATERIAL HANDLING CODE:<br>**A6-987** | |
| PART NUMBER:<br>**12345678** ▽ | REFERENCE:<br>**G1155** | |
| LICENSE PLATE (J):<br>**UN 123456789 A2B4C6D8E** | SHIPMENT DATE:<br>**9OCT 2017**<br>CONTAINER TYPE:<br>**SC 151208**<br>GROSS WEIGHT:<br>**10 KG** | |

DELIVERY NOTE or PUS or INVOICE NUMBER:
**BO3456789**
**PCI - CODE VALUE Z13**
**PCI - CODE VALUE Z15**
**PCI - CODE VALUE Z17**
EXP DATE: **01FEB2017**

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*FONTS SHALL BE UPPER CASE BOLD ARIAL NARROW, HELVETICA CONDENSED OR EQUIVALENT*

*NOTE: PCI INFORMATION QUALIFIED IN COMPOSITE DATA ELEMENT C8027/7511; DATA PROVIDED IN COMPOSITE DATA ELEMENT C210/7102*

| CUSTOMER NAME:<br>**ALL GM FACILITIES (GLOBALLY)** | LABEL PURPOSE/USE: TO BE USED ON A SINGLE CONTAINER HOLDING ONE OR MORE PARTS WITH A SINGLE PART NUMBER. | NOTE: ANY DIMENSIONS THAT ARE NOT OTHERWISE SPECIFIED ON THIS PAGE SHALL BE IN COMPLIANCE WITH AUTOMOTIVE INDUSTRY STANDARDS |
|---|---|---|

# FORMAT & FONT SPECS

*FONTS SHALL BE UPPER CASE BOLD ARIAL NARROW, HELVETICA CONDENSED OR EQUIVALENT*

Title: **FROM:**
  6 Point, 1.5 mm, 0.06"
**Address 4 lines max**
  10 point, 2.5 mm, 0.1"
**Phone Number** (Optional)
  10 Point, 2.5 mm, 0.1"
**MADE IN XXX** or **ASY IN XXX**
  10 Point, 2.5 mm, 0.1"

Title: **TO:**
  6 Point, 1.5 mm, 0.06"
**Address 4 lines max**
12 Point, 4.3 mm, 0..17"
Title ; **PLANT DOCK**
  6 Point, 1.5 mm, 0.06"
**Plant/Dock Text**
  14 Character max
  28 Point, 6.4 mm, 0.25"

Title: None
Data Matrix per AIAG B-16

Title: **QUANTITY**
  6 Point, 1.5 mm, 0.1"
  **Text**
    36 Point, 9.17mm, 0.36"

Mat Handling Reference Sub-Block
Title: **MATERIAL HANDLING CODE**
  6 Point, 1.5 mm, 0.06"
**MATERIAL HANDLING CODE** Text
  12 Character max
  36 Point, 9.17mm, 0.36"

Title: **PART NUMBER**
  6 Point, 1.5 mm, 0.06"
**Part Number Text**
  44 Point, 11.2 mm, 0.44"
**Graphic** Optional
Safety/Security
Right Justified

Reference Sub-Block #1
Title: **REFERENCE**
  6 Point, 1.5 mm, 0.06"
**REFERENCE** Text
  8 Character max
  36 Point, 9.1 mm, 0.36"

Title: **LICENSE PLATE (1J)**
  6 Point, 1.5 mm, 0.06"
Bar Code
  Code 128
  X-Dim 0.35814 mm (14.2 mil) nominal
  Height 16.5 mm (0.65 inch) min
  Data Identifier: 1J
    Assigning Authority: UN = D-U-N-S
    9 digits D-U-N-S Number
    9 characters container serial
      number max
Human Readable Text
  20 Point , 7 mm, 0.27"
*Note-Spaces are optional in human readable text only. SPACES SHALL NOT BE INCLUDED IN BAR CODE DATA*

Reference Sub-Block #2
Title: **REQUIRED DATE**
  6 Point, 1.5 mm, 0.06"
  **Required Date** Text (9 Characters)
    Date Month
      34 Point,12.03 mm, 0..47"
    Year
      18 Point,12.03 mm, 0..249"
Title: **CONTAINER TYPE**
  6 Point, 1.5 mm, 0.06"
  **Container Type**
  14 Point, .005 mm, 0..20"
Title: **GROSS WEIGHT**
  6 Point, 1.5 mm, 0.06"
  **Gross Weight** Text
    14 Point, .005 mm, 0.20"
  **Unit of Weight** Text **KG**
    14 Point, .005 mm, 0..47"

Reference Sub-Block #3
Title: **none**
  14 Point, 3.6 mm, 0.14"
**Text will be direct pass-through of whatever data is received in EDIFACT DELFOR or DELJIT PCI segments**

Title: **EXP DATE** 6 Point, 1.5 mm, 0.06"
  **Required Date** Text (9 Characters)
    Date: International date format 18 Point,12.03 mm, 0..249"

## Label content

FROM:
**SUPPLIER NAME**
**FROM ADDRESS LINE 1**
**FROM ADDRESS LINE 2**
**FROM ADDRESS LINE 3**
**EMAIL PHONE CONTACT**
**ASSEMBLED/MADE IN XX**

TO:
**GM PLANT NAME**
**TO ADDRESS LINE 1**
**TO ADDRESS LINE 2**
**TO ADDRESS LINE 3**
PLANT/DOCK: **LC 15C**

QUANTITY: **160**

MATERIAL HANDLING CODE: **A6-987**

PART NUMBER: **12345678**

REFERENCE: **G1155**

LICENSE PLATE (1J): **UN 123456789 A2B4C6D8E**

SHIPMENT DATE: **9OCT 2017**
CONTAINER TYPE: **SC 151208**
GROSS WEIGHT: **10 KG**

DELIVERY NOTE or PUS or INVOICE NUMBER:
**BO3456789**
**PCI - CODE VALUE Z13**
**PCI - CODE VALUE Z15**
**PCI - CODE VALUE Z17**

EXP DATE: **01FEB2017**

**CUSTOMER NAME:**
**ALL GM FACILITIES (GLOBALLY)**

**LABEL PURPOSE/USE:** TO BE USED ON A SINGLE CONTAINER HOLDING ONE OR MORE PARTS WITH A SINGLE PART NUMBER.

**NOTE:** ANY DIMENSIONS THAT ARE NOT OTHERWISE SPECIFIED ON THIS PAGE SHALL BE IN COMPLIANCE WITH AUTOMOTIVE INDUSTRY STANDARDS

**AUTHORIZATION:**
**GM WORLD-WIDE PURCHASING**
**ISSUE DATE:** **26MAR2018**
**VERSION . RELEASE** **2018-01**
**SPECIFICATION ID NUMBER:** **GM 1724-A: LABEL TEMPLATE FOR INDIVIDUAL CONTAINERS**
**PAGE 5 OF 18**

# DATA LAYOUT

## for SMALL CONTAINERS (example KLT)

**(Alternate format to be used at supplier's option when shipping parts in small containers)**
**76.2mm (3") x 210mm (8") label or equivalent**



Dimension markers:
- 0
- 43 mm (1.65 in)
- 53 mm (2.1 in)
- 107 mm (14.3 in)CV
- 101.5 mm (4.0 in)
- 111 mm (4.4 in)
- 153 mm (6.0 in)
- 25.4 mm (1.0 in)
- 38.1 mm (1.5 in)
- 50.8 mm (2.0 in)

Zones: A1, A2, A3, D2, B1, B2, C2, E2, C1, D1, E1

**Shaded area 5 mm (0.2 in) wide clearance for label holder**

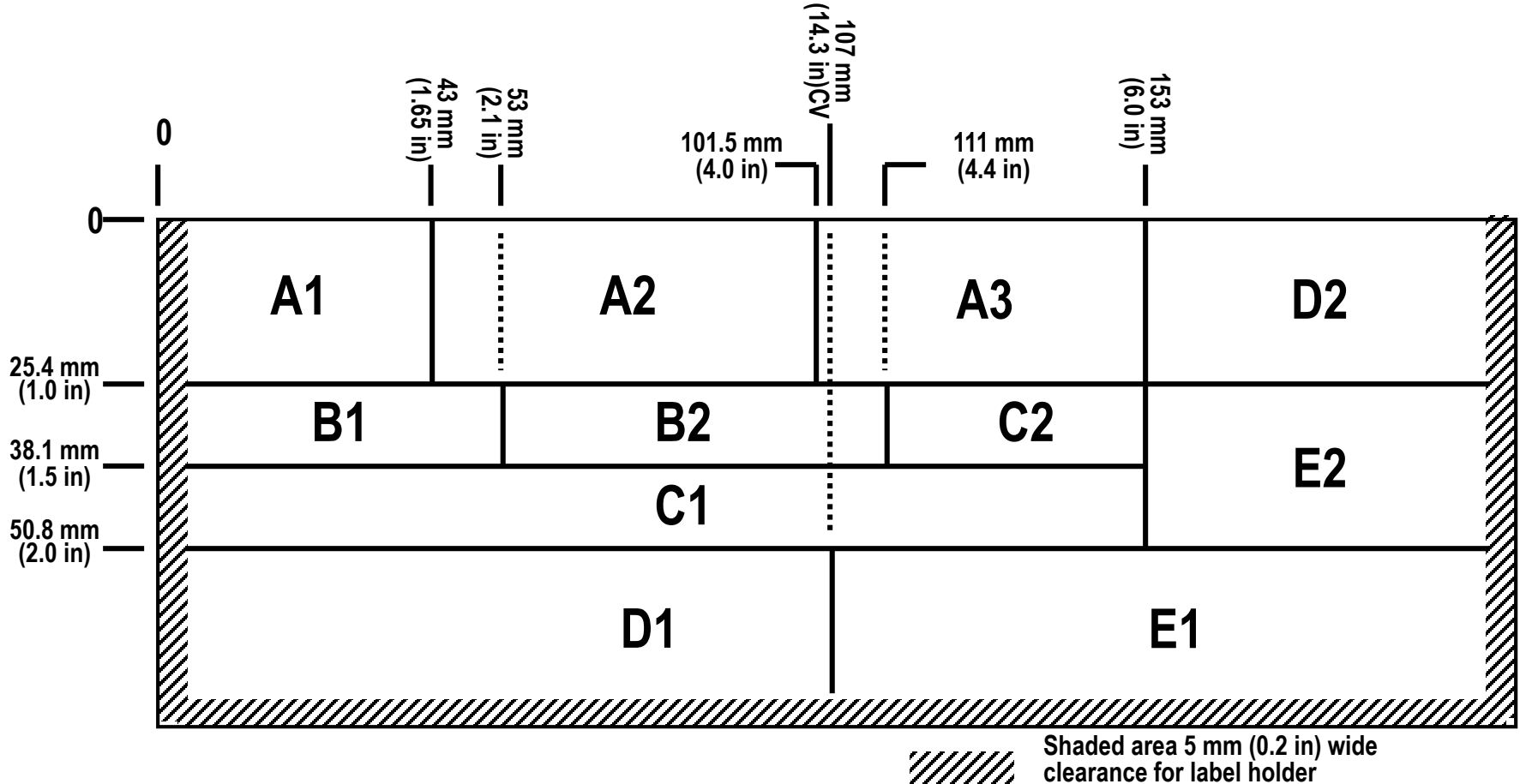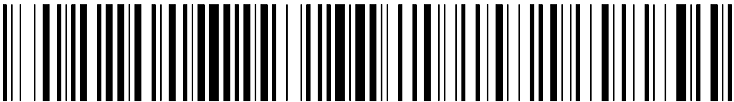| CUSTOMER NAME: ALL GM FACILITIES (GLOBALLY) | LABEL PURPOSE/USE: TO BE USED ON A SINGLE CONTAINER HOLDING ONE OR MORE PARTS WITH A SINGLE PART NUMBER. | NOTE: ANY DIMENSIONS THAT ARE NOT OTHERWISE SPECIFIED ON THIS PAGE SHALL BE IN COMPLIANCE WITH AUTOMOTIVE INDUSTRY STANDARDS | |
|---|---|---|---|
| AUTHORIZATION: GM WORLD-WIDE PURCHASING | ISSUE DATE: 26MAR2018 | VERSION . RELEASE 2018-01 | SPECIFICATION ID NUMBER: GM 1724-A: LABEL TEMPLATE FOR INDIVIDUAL CONTAINERS |

# FORMAT SPECIFICATIONS

## for SMALL CONTAINERS (example KLT)

### (Alternate format to be used at supplier's option when shipping parts in small containers)
### 76.2 mm (3") x 210 mm (8") label or equivalent

### (Data Sources & Fonts Are The Same As On Pages 3 & 4 - Fonts sizes must be adjusted to the smaller KLT fields)

*It is recommended that these vertical separator lines should not be printed. (See Quiet Zone)*

| | | SHIPMENT DATE: |
|---|---|---|
| **FROM:**<br>**SUPPLIER NAME**<br>**FROM ADDRESS LINE 1**<br>**FROM ADDRESS LINE 2**<br>**FROM ADDRESS LINE 3**<br>**EMAIL PHONE CONTACT**<br>**MADE IN XX** | **TO:**<br>**GM PLANT NAME**<br>**TO ADDRESS LINE 1**<br>**TO ADDRESS LINE 2**<br>**TO ADDRESS LINE 3**<br><br>**PLANT/DOCK:** **LC 15C** | **15APR2017**<br><br>**CONTAINER TYPE:**<br>**SC151208**<br>**GROSS WEIGHT:**<br>**10 KG** |

| QUANTITY:<br>**160** | MATERIAL HANDLING CODE:<br>**A6-987** | REFERENCE:<br>**G1155** | DELIVERYNOTE- or PUS- or INVOICE-NUMBER :<br>**BO3456789** |
|---|---|---|---|
| PART NUMBER<br>**12345678** | | ▽ | **PCI – CODE VALUE Z13**<br>**PCI – CODE VALUE Z14**<br>**PCI – CODE VALUE Z15**<br>**PCI – CODE VALUE Z17** |

LICENSE PLATE (1J)

**UN 123456789 A2B4C6D8E**

**E1**
**SUPPLIER**

*FONTS SHALL BE UPPER CASE BOLD ARIAL NARROW, HELVETICA CONDENSED OR EQUIVALENT*

Shaded area 5 mm (0.2 in) wide is clearance for label holder

**"CRITICAL PROCESS" SYMBOL GUIDELINES:**
-The "critical process" symbol is applied to all operations which have been identified by the part
   design documents or the Plant Quality Manager as critical due to product characteristics that
   affect *product security* or *compliance with government regulations. Additional operations such as
   warranty , GCA, or high risk PFMEA's may also be added* at the Plant Quality Manager's
   discretion.
-**Any JES with a "Critical Process" symbol must agree with the Plant's Critical Operation list.**

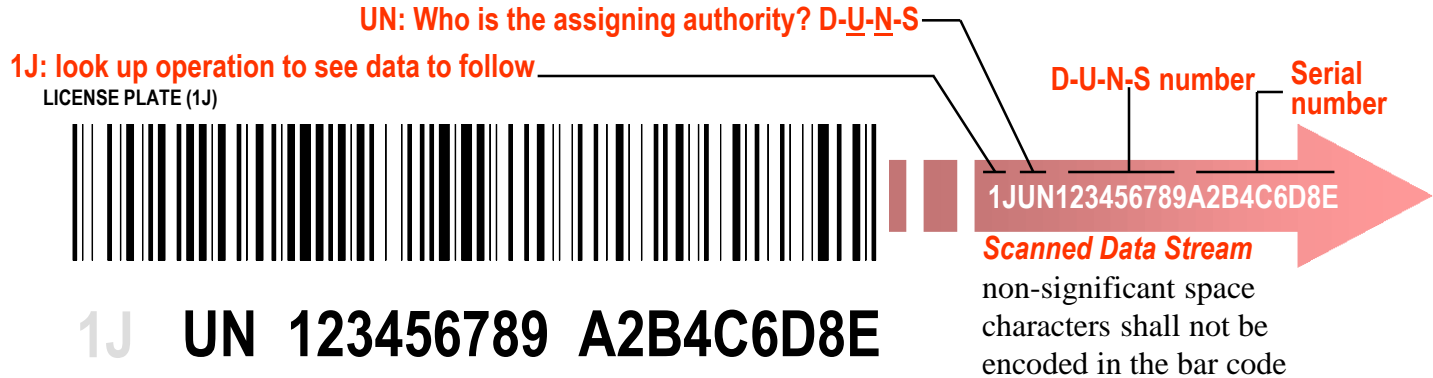EXP DATE: **01FEB2017**

**Expiration Date:**
-The supplier will reference the part design document or the BOM to determine whether the expiration
   date is required**. Driver -** Identified by Manufacturing Engineering through the Process Failure
   Mode and Effects Analysis (PFMEA)  If the assembly has a dispensed material in the assembly
   they will need to complete the "use by" expiration date.

# CODE 128 BAR CODE STRUCTURE FOR LICENSE PLATE

**UN: Who is the assigning authority? D-U-N-S**

**1J: look up operation to see data to follow**

LICENSE PLATE (1J)

**D-U-N-S number**

**Serial number**

1JUN123456789A2B4C6D8E

*Scanned Data Stream*

non-significant space characters shall not be encoded in the bar code

1J   UN   123456789   A2B4C6D8E

**Data Identifier:**
1J: Container of like parts

**ISO Assigning authority**
UN = D-U-N-S:
- assigned by Dun & Bradstreet.

**9-character D-U-N-S number**
- manufacturing/shipping site specific
- fixed; should never have to be changed

**9-character maximum**
**Unique container serial number**
- *generated by supplier*
- leading zeros not recommended
- *not to be repeated for period of 1 year*

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**CODE 128 SPECIFICATION:**
- 'X' DIMENSION SHALL BE IN THE RANGE OF 0.35814 MM (0.0141 INCH)  NOMINAL
- BAR CODE HEIGHT SHALL BE A MINIMUM OF 16.5 MM (0.65 INCH)
- QUIET ZONE (*AREA AT EACH END OF BAR CODE*) SHALL BE A MINIMUM OF 6.3 MM (0.25 INCH)
- BAR CODE SHALL MEET A MINIMUM ANSI PRINT QUALITY GRADE OF  'C'

---

# DATA MATRIX 2D BAR CODE
# DATA SYNTAX STRUCTURE

**MESSAGE HEADER**

**FORMAT HEADER**

**MESSAGE TRAILER** $E_{O_T}$

[)><RS>06<GS>P12345678<GS>Q160<GS>1JUN123456789A2B4C6D8E<GS>20LA6-987<GS>21LLC 15C<GS>KRC001<GS>15KG1155<GS>6D20170201036<GS>BSC151208<GS>7Q10GT<GS>2SBO3456789<RS><EOT>

**GROUP SEPARATOR** $G_S$

**RECORD SEPARATOR** $R_S$

**DATA FORMAT 06 = DIs**

**RECORD SEPARATOR** $R_S$

**COMPLIANCE INDICATOR [)>**



THE SEQUENCE ORDER IN WHICH THE DATA IS ENCODED IN THE 2D BARCODE IS NOT SIGNIFIICANT. THE DATA IDENTIFIERS PERMIT THE SOFTWARE TO LOCATE AND/OR DETERMINE WHICH DATA IS NEEDED. MORE DETAILS REFER TO AIAG B14.

FOR MORE DETAILS REFER TO AIAG B14

*THE DATA MATRIX SYMBOLOGY ERROR CORRECTION SHOULD BE SET TO ECC200*
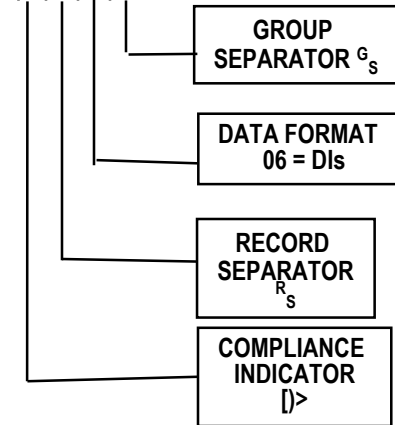
| ASCII/ISO 646 Character | DECIMAL | HEX |
|---|---|---|
| [ | 91 | 5B |
| ) | 41 | 29 |
| > | 62 | 3E |
| $R_S$ | 30 | 1E |
| $F_S$ | 28 | 1C |
| $G_S$ | 29 | 1D |
| $E_{O_T}$ | 04 | 04 |

| CUSTOMER NAME:<br>**ALL GM FACILITIES (GLOBALLY)** | LABEL PURPOSE/USE: TO BE USED ON A SINGLE CONTAINER HOLDING ONE OR MORE PARTS WITH A SINGLE PART NUMBER. | NOTE: ANY DIMENSIONS THAT ARE NOT OTHERWISE SPECIFIED ON THIS PAGE SHALL BE IN COMPLIANCE WITH AUTOMOTIVE INDUSTRY STANDARDS |
|---|---|---|

# DATA MATRIX
# TECHNICAL SPECIFICATIONS

DATA MATRIX BARCODES SHOULD MAINTAINER SQUARE SHAPE. TO ALLOW FOR THE BEST POSSIBLE IMAGER PERFORMANCE, THE LARGEST PRATICAL SIZE ELEMENT/CELL DIMENSION THAT FITS WITHIN THE AVAILABLE AREA SHALL BE USED. QUIET SPACE MUST BE PROVIDED AROUND THE ENTIRE PERIMETER OF THE BARCODE TO HELP SCANNING. THE QUIET ZONE SHOULD BE 2 TIMES THE SYMBOLOGY CELL DIMENSION. FOR SPACE CONSTRAINTS: BARCODE SIZE CHANGES MUST BE AGREED TO BY GM AND SUPPLIER.



Quiet Zone SHALL be a minimum of 2 x cell/element

### IT'S YOUR IMAGE
Your label is the first impression of your company and it's products.
Poorly printed labels, sloppy placement, and unscanable
bar codes reflect on the perception of your company.
The shipping label and associated process should receive the same quality efforts as your product - it's your image.

| CUSTOMER NAME:<br>**ALL GM FACILITIES (GLOBALLY)** | LABEL PURPOSE/USE:   TO BE USED ON A SINGLE CONTAINER HOLDING ONE OR MORE PARTS WITH A SINGLE PART NUMBER. | NOTE:   ANY DIMENSIONS THAT ARE NOT OTHERWISE SPECIFIED ON THIS PAGE SHALL BE IN COMPLIANCE WITH AUTOMOTIVE INDUSTRY STANDARDS |
|---|---|---|

# DATA IDENTIFIERS

DATA IDENTIFIERS (DIs) DEFINE THE NATURE OF THE DATA CONTAINED WITHIN THE LINEAR BAR CODE.

DIs ARE USED WITHIN THE 2D BAR CODE TO DEFINE THE NATURE OF THE DATA IN EACH FIELD.

THE TABLE BELOW REPRESENT TYPICAL DIs USED WITH GM COMMON GLOBAL SHIPPING LABEL TEMPLATES.

ADDITIONAL DIs MAY BE USED AS BUSINESS PROCESSES REQUIRE AND SHALL CONFORM TO AIAG B10, B14, ANSI, AND ISO STANDARDS

| DATA IDENTIFIER (DI) | QUALIFIER | DEFINITION | COMMENT | EXAMPLE | WITHIN 2D BARCODE |
|---|---|---|---|---|---|
| P | na | GM PART NUMBER | TYPICALLY EIGHT(8) NUMERIC CHARACTERS | P12345678 | REQUIRED |
| Q | na | QUANTITY | TYPICALLY EXPRESSED IN PIECES | Q160 | REQUIRED |
| 1J | na | INDIVIDUAL CONTAINER | HAS STRUCTURE (SEE PAGE 9 of 18) | 1JUN123456789A2B4C6D8E | REQUIRED |
| 20L | na | MATERIAL HANDLING CODE | DELIVERY LOCATION WITHIN PLANT | 20LA6-967 | REQUIRED |
| 21L | na | PLANT/DOCK CODE | IDENTIFIES PLANT AND DELIVERY DOCK | 21LLC 12C | REQUIRED |
| K | na | PO NUMBER | IF REQUIRED AS PART OF GM BUSINESS PROCESS | KGM1234 | REQUIRED IF PROVIDED |
| 15K | na | KANBAN NUMBER | IF REQUIRED AS PART OF GM BUSINESS PROCESS | 15K1155 | REQUIRED IF PROVIDED |
| 6D | 011 | SHIPMENT DATE | SHIPMENT DATE IF REQUIRED AS PART OF GM BUSINESS PROCESS YYYYMMDD | 6D20161130011 | IF REQUIRED BY GM |
| 6D | 036 | EXPIRATION DATE | EXPIRATION DATE IF REQUIRED AS PART OF GM BUSINESS PROCESS YYYYMMDD | 6D20161130036 | IF REQUIRED BY GM |
| 6D | 094 | PRODUCTION DATE | PRODUCTION DATE IF REQUIRED AS PART OF GM BUSINESS PROCESS YYYYMMDD | 6D20161130094 | IF REQUIRED BY GM |
| B | na | PRIMARY CONTAINER NUMBER | GM SPECIFIED PRIMARY CONTAINER NUMBER OR IF NOT SPECIFIED REFERENCE SUCH AS CARTON | B0000CART | REQUIRED |
| 7Q | GT | GROSS WEIGHT | GROSS WEIGHT OF MASTER PACK ROUNDED(NO DECIMALS) | 7Q999GT | REQUIRED |
| 2S | na | PICKUP SHEET IDENTIFER | IF REQUIRED AS PART OF GM BUSINESS PROCESS | 2SBO3456789 | REQUIRED IF PROVIDED |

SID Shipment ID: Delivery Note or Invoice-Number

=> Delivery Note is standard /// Invoice-Number is for Intercontinental Shipments

| CUSTOMER NAME: ALL GM FACILITIES (GLOBALLY) | LABEL PURPOSE/USE: TO BE USED ON A SINGLE CONTAINER HOLDING ONE OR MORE PARTS WITH A SINGLE PART NUMBER. | NOTE: ANY DIMENSIONS THAT ARE NOT OTHERWISE SPECIFIED ON THIS PAGE SHALL BE IN COMPLIANCE WITH AUTOMOTIVE INDUSTRY STANDARDS | |
|---|---|---|---|
| AUTHORIZATION: GM WORLD-WIDE PURCHASING | ISSUE DATE: 26MAR2018 | VERSION . RELEASE 2018-01 | SPECIFICATION ID NUMBER: GM 1724-A: LABEL TEMPLATE FOR INDIVIDUAL CONTAINERS | PAGE 12 OF 18 |

# GTL Data Reference

| Label Block | Data Field on the GM-GTL Label | Barcode Data Identifier | GTL Font Size Arial Narrow in Points | KLT GTL Font Size Arial Narrow in Points | Max Field Length | Refference to EDI and Segment in the EDI Data | REQUIRED within 2D PDF BarCode |
|---|---|---|---|---|---|---|---|
| A1 | Ship From Address | | 14 | 14 | | From Supplier | NO |
| A2 | Ship To Adress | | 18 | 14 | | From Supplier | NO |
| A2 | Plant | | 44 | 24 | 5 | From PCI 12Z if available / If not then from / DELFOR / DELJIT / NAD+ST | REQUIRED |
| A2 | Dock | 21L | 44 | 24 | 8 | From PCI 12Z if available / If not then from DELFOR / DELJIT / LOC+11 | REQUIRED |
| B1 | Quantity | Q | 52 | 40 | | From Supplier | REQUIRED |
| B2 | Material Handling Code | 20L | 52 | 40 | 12 | DELFOR / DELJIT / LOC+159 | REQUIRED |
| C1 | GM Part Number | P | 52 | 40 | 8 | DELFOR / DELJIT / LIN | REQUIRED |
| C2 | Kanban Number/ PO number | 15K K | 52 | 40 | 4 | DELFOR / DELJIT / PIA | If Provided |
| C | Security Sign | | | | | From Supplier / GM Part Drawing | NO |
| D1 | License Plate | 1J | 28 | 24 | 18 | From Supplier | REQUIRED |
| D2 | Shipment Date | | 38 | 32 | 9 | From Supplier | REQUIRED |
| D2 | Container Type | B | 28 | 14 | 8 | DELFOR / DELJIT / PAC | REQUIRED |
| D2 | Gross Weight | 7Q | 28 | 14 | | From Supplier | REQUIRED |
| E2 | Shipment ID (DeliveryNote- or Invoice-Number) | 2S | 38 | 32 | | From Supplier | If Requested |
| E2 | DELJIT PCI Segments | | 16 | 14 | | DELJIT / PCI if available | If Provided |

# EDI PCI SEGMENTS

## EDI File names

## DELFOR = DELIVER FORECAST

=> Up to 40 weeks forecast

## DELJIT = DELIVERY JUST IN TIME

=> Order/Call-off message for a specific quantitiy at a given day/time window

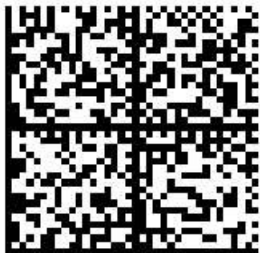=> Standard Types: DELJIT-SH - Shipping Schedule or DELJIT-PUS - Pick-up Sheet)

**=> If DELJIT PCI segments 11Z, 12Z, 13Z, 15Z and17Z <u>are populated</u> then the label data should**

    **be populated from this data. Example1 (-> Page 16).**

**=> If DELJIT PCI segments 11Z-17Z <u>are not populated</u> then most of the data**

    **comes from the DELFOR. Example 2 + 3 (-> Pages 17/18).**

# EXAMPLE 1

## EDI: DELFOR+DELJIT-SH - with PCI SEGMENTS

**DELFOR** — *Document issue date*

```
UNB+UNOA:2+MBXGM+MBXSUPPLIER+970608:0735+12++MGO'
UNH+1+DELFOR:D:97A:UN'
BGM+241::PS+12+5'
DTM+137:19970608:102'
......
FTX+AAI+++This forecast is subject ………'
NAD+SU+123456789::16'          Supplier SF-Duns#
NAD+MI+88122::92'              Material issuer
NAD+SF+PLANT1234::16'          Ship From
GIS+37'
NAD+ST+72443::92'             Ship To CISCO plant code
LIN+++12345678:IN' Part number
PIA+1+7:RY++1234:MP'          Kanban No.with MP identifier
LOC+11+15C'                   Receiving dock
LOC+159+A1A2A3A4'             Linefeed location/Mat.Handl.Code
FTX+AAI+++TEXT'
RFF+ON:ONA1A2A3'             Purchase Order No.
512QTY+79:99999:C62'
PAC+++SC151208'               Container Type
......
```

(6) — NAD+SU
(1) — NAD+ST
(5) — LIN
(3) — LOC+11 / LOC+159
(2) — LOC+11
(4) — RFF+ON
(7) — PAC
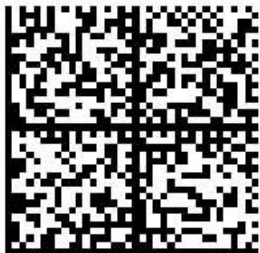
**DELJIT-SH** — *Document issue date*

```
UNB+UNOA:2+MBXGM+MBXSUPP+131112:0139+6087++GMDELJIT'
UNH+60870001+DELJIT:D:97A:UN+SH'
BGM+242:::SH+1331601+4'
DTM+137:20131112:102'
…
FTX+AAI+++MESSAGE'
RFF+AAN:47'
NAD+SU+123456789::16++GM PLANT'
NAD+ST+72668::92++4J- SJC BRAZIL FAB PLANT (MGOC)'
NAD+MI+88120::92'
SEQ+6'
PAC++:67'
PCI++A6-987++11Z::167'
PCI++LC 15C++12Z::167'
PCI++41L65++13Z::167'
PCI++EMPTY?: STOCKMAN?++14Z::167'
PCI++ STOCKMAN++15Z::167'
PCI++++16Z::167'
PCI++GREEN WIDGET++17Z::167'
LIN+++12345678:IN'
PIA+1+3:RY'
LOC+11+15C'
LOC+159+GAF-A004'
```

(6) — NAD+SU
(3) — PCI
(1)(2) — PCI
(5) — LIN

NOTE: IN THIS EXAMPLE PC1 SEGMENTS 15Z AND 16Z WERE NOT TRANSMITTED AND THEREFORE NOT PRINTED

### Label

| | |
|---|---|
| **FROM:**<br>SUPPLIER NAME<br>FROM ADDRESS LINE 1<br>FROM ADDRESS LINE 2<br>FROM ADDRESS LINE 3<br>EMAIL PHONE CONTACT<br>ASSEMBLED/MADE IN XX | **TO:**<br>GM PLANT NAME<br>TO ADDRESS LINE 1<br>TO ADDRESS LINE 2<br>TO ADDRESS LINE 3<br>PLANT/DOCK (1) **LC 15C** (2) (12Z) |

QUANTITY: **160**

MATERIAL HANDLING CODE: (3) **A6-987** (11Z)

PART NUMBER: (5) **12345678** ⊘

REFERENCE: (4) **G1155**

LICENSE PLATE (L): **UN (6) 123456789 A2B4C6D8E**

SHIPMENT DATE: **15JUN 2017**

CONTAINER TYPE: (7) **SC 151208**

GROSS WEIGHT: **10 KG**

DELIVERY NOTE or PUS or INVOICE NUMBER:
**BO3456789**
PCI - CODE VALUE Z13  (13Z)
PCI - CODE VALUE Z15  (15Z)
PCI - CODE VALUE Z17  (17Z)

---

**Data contained in DELJIT-SH takes precedence over data in DELFOR
e.g 'Plant Dock code' in PCI 12Z**

---

| CUSTOMER NAME:<br>**ALL GM FACILITIES (GLOBALLY)** | LABEL PURPOSE/USE:  TO BE USED ON A SINGLE CONTAINER HOLDING ONE OR MORE PARTS WITH A SINGLE PART NUMBER. | NOTE:  ANY DIMENSIONS THAT ARE NOT OTHERWISE SPECIFIED ON THIS PAGE SHALL BE IN COMPLIANCE WITH AUTOMOTIVE INDUSTRY STANDARDS |
|---|---|---|
| AUTHORIZATION:<br>**GM WORLD-WIDE PURCHASING** | ISSUE DATE: **26MAR2018**  VERSION . RELEASE **2018-01**  SPECIFICATION ID NUMBER: **GM 1724-A:  LABEL TEMPLATE FOR INDIVIDUAL CONTAINERS** | **PAGE 15 OF 18** |

# EXAMPLE 2

## EDI: DELFOR+DELJIT-SH – no PCI SEGMENTS

**Label fields:**

FROM:
SUPPLIER NAME
FROM ADDRESS LINE 1
FROM ADDRESS LINE 2
FROM ADDRESS LINE 3
EMAIL PHONE CONTACT
ASSEMBLED/MADE IN XX

TO:
GM PLANT NAME
TO ADDRESS LINE 1
TO ADDRESS LINE 2
TO ADDRESS LINE 3
PLANT/DOCK: **LC 15C** (2)

QUANTITY: **160** (3)

MATERIAL HANDLING CODE: **A6-987** (4)

PART NUMBER: **12345678** (5)

REFERENCE: **G1155**

LICENSE PLATE (1): **UN 123456789 A2B4C6D8E** (6)

SHIPMENT DATE: **15JUN2017**

CONTAINER TYPE: **SC 151208** (6)
GROSS WEIGHT: **10 KG** (1)

DELIVERY NOTE or PUS or INVOICE NUMBER:
BO3456789
PCI - CODE VALUE Z13
PCI - CODE VALUE Z15
PCI - CODE VALUE Z17
(7)(5)(4)(2)(3)

**GTL Data in DELFOR and DELJIT-SH are the same**

NOTE: INTERCONTINENTAL SUPPLIERS MUST USE THE INVOICE-NUMBER AS 'DELIVERY- OR PUS-NUMBER' => SEE PAGE 11

### DELFOR

```
UNB+UNOA:2+MBXNOGM+MBXNOSUPPLIER+970608:0735+12++MGO'
UNH+1+DELFOR:D:97A:UN'
BGM+241::PS+12+5'
DTM+137:19970608:102'                    Document issue date
......
FTX+AAI+++This forecast is subject .........'
NAD+SU+123456789::16'                     Supplier SF-Duns#      (6)
NAD+MI+88122::92'                         Material issuer
NAD+SF+PLANT1234::16'                     Ship From
GIS+37'
NAD+ST+72443::92'                         Ship To CISCO plant code   (1)
LIN+++12345678:IN' Part number                                      (5)
PIA+1+7:RY++1234:MP'      Kanban number with MP identifier           (4)
LOC+11+A1A'                               Receiving dock             (2)
LOC+159+A1A2A3A4'   Line feed location/Material Handling Code        (3)
FTX+AAI+++TEXT'
RFF+ON+ONA1A2A3A'                         Purchase Order No.         (4)
QTY+79:99999:C62'
PAC+++SC151208'                           Container Type             (7)
......
```

### DELJIT-SH

```
UNB+UNOA:1+MBXNOGM+MBXNOSUPPLIER+970607:0735+SHSH030++MGO'
UNH+1+DELJIT:D:97A:UN+SH'
BGM+:::SH+BO3456789+5'
NAD+SU+123456789::16'
NAD+ST+72443::92'
CTA+IC+:Jonny Testname'
COM+?+44 1513502999:TE'
NAD+MI+88122::92' Material issuer
NAD+MI+GM::92'
NAD+CA+A300::92'
NAD+AF+A306::92'
CTA+IC+GM M EP CCC'
COM+?+44 151350299:TE'
PAC+119++0X00E010'                        (6)
LIN+++12345678:IN'                        (1)
PIA+1+1234:MP'                            (5)
LOC+11+A1A'                               (4)
LOC+159+A1A2A3A4'                         (2)
                                          (3)
.........
```

# OPTIONAL FASTENER PART DATA ONLY LABEL

THIS IS A SINGLE, PART DATA ONLY LABEL, AVAILABLE FOR ONLY FASTERNER SUPPLIERS. THE USE OF THESE LABELS MUST BE APPROVED BY THE FASTENER COMMODITY MANAGER. USING THIS PROCESS, FASTENER SUPPLIERS WILL APPLY THIS PART "DATA ONLY" LABEL ON ONE SIDE AND APPLY THE NORMAL INDIVIDUAL CONTAINER "PLANT DATA APPLIED" LABEL ON THE OTHER SIDE.



Label (left):
FROM: SUPPLIER NAME
FROM ADDRESS LINE 1
FROM ADDRESS LINE 2
FROM ADDRESS LINE 3
EMAIL PHONE CONTACT
ASSEMBLED/MADE IN XX

TO: GM PLANT NAME
TO ADDRESS LINE 1
TO ADDRESS LINE 2
TO ADDRESS LINE 3
PLANT/DOCK: LC 15C

QUANTITY: 160
MATERIAL HANDLING CODE: A6-987
PART NUMBER: 12345678
REFERENCE: G1155
LICENSE PLATE (U)
UN 123456789 A2B4C6D8E
SHIPMENT DATE: 15JUN 2017
CONTAINER TYPE: SC 151208
GROSS WEIGHT: 10 KG
DELIVERY NOTE or PUS or INVOICE NUMBER: BO3456789
PCI - CODE VALUE Z13
PCI - CODE VALUE Z15
PCI - CODE VALUE Z17

Label (right):
FROM: SUPPLIER NAME
FROM ADDRESS LINE 1
FROM ADDRESS LINE 2
FROM ADDRESS LINE 3
EMAIL PHONE CONTACT
ASSEMBLED/MADE IN XX

QUANTITY: 160
PART NUMBER: 12345678
FASTENER
SHIPMENT DATE: 31MAR 2017
CONTAINER TYPE: SC 151208
GROSS WEIGHT: 10 KG

| CUSTOMER NAME:<br>**ALL GM FACILITIES (GLOBALLY)** | LABEL PURPOSE/USE:   TO BE USED ON A SINGLE CONTAINER<br>HOLDING ONE OR MORE PARTS WITH A SINGLE PART NUMBER. | NOTE:   ANY DIMENSIONS THAT ARE NOT OTHERWISE SPECIFIED ON<br>THIS PAGE SHALL BE IN COMPLIANCE WITH AUTOMOTIVE INDUSTRY<br>STANDARDS | |
|---|---|---|---|
| AUTHORIZATION:<br>**GM WORLD-WIDE PURCHASING** | ISSUE DATE:<br>**26MAR2018**    VERSION . RELEASE<br>**2018-01** | SPECIFICATION ID NUMBER:   **GM 1724-A:  LABEL**<br>**TEMPLATE FOR INDIVIDUAL CONTAINERS** | **PAGE 17**<br>**OF  18** |

# OPTIONAL FASTENER PART DATA ONLY LABEL

THE PART DATA ONLY FASTENER LABEL WILL NOT HAVE THE GM PLANT DATA DISPLAYED AND WILL NOT HAVE BARCODES. THE A2 BOX WILL CONTAIN THE SUPPLIER NAME AND ADDRESS INFORMATION. THE PART DATA WILL CONSISIST OF THE PART NUMBER, QUANTITY, GROSS WEIGHT, CONTAINER TYPE AND PRODUCTION DATE. THIS LABEL WILL SHOW THE PART NUMBER, QUANTITY, THE WORD "FASTNER" WILL BE IN THE D2 BOX RATHER THAN A 1D BARCODE.

FROM:
SUPPLIER NAME
FROM ADDRESS LINE 1
FROM ADDRESS LINE 2
FROM ADDRESS LINE 3
EMAIL PHONE CONTACT
ASSEMBLED/MADE IN XX

QUANTITY:
**160**

PART NUMBER:
**12345678**

**FASTENER**

SHIPMENT DATE:
**31MAR2017**
CONTAINER TYPE:
**SC151208**
GROSS WEIGHT:
**10 KG**

| CUSTOMER NAME: | LABEL PURPOSE/USE: TO BE USED ON A SINGLE CONTAINER HOLDING ONE OR MORE PARTS WITH A SINGLE PART NUMBER. | NOTE: ANY DIMENSIONS THAT ARE NOT OTHERWISE SPECIFIED ON THIS PAGE SHALL BE IN COMPLIANCE WITH AUTOMOTIVE INDUSTRY STANDARDS | |
|---|---|---|---|
| **ALL GM FACILITIES (GLOBALLY)** | | | |
| AUTHORIZATION: | ISSUE DATE: | VERSION . RELEASE | SPECIFICATION ID NUMBER: GM 1724-A: LABEL |
| **GM WORLD-WIDE PURCHASING** | **26MAR2018** | **2018-01** | **TEMPLATE FOR INDIVIDUAL CONTAINERS** |