LUCID MOTORS SUPPLIER LABELING GUIDELINES

Rev 1.0

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CONTACT INFO

Lucid Labeling Group
E-mail: **ShippingLabels@lucidmotors.com**

VERSION RELEASE NOTES

A. Created standalone version of Lucid Label Specifications Version 1.0. This content was pulled from Packaging and Label Specification Guideline 2.0
B. Some PDF 2D 417 data elements are now optional
C. Created additional Portrait and Horizontal (Reduced Height) Label options for special packaging formats
D. Revised layout to increase barcode real estate and apply consistent font sizes
E. Removed Plant ID from Master Label
F. Removed optional data elements from the Material Label
G. Remove Part Number & Quantity barcodes from Material Label
H. Remove Supplier Number barcode from Mixed Label

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1. LABELING

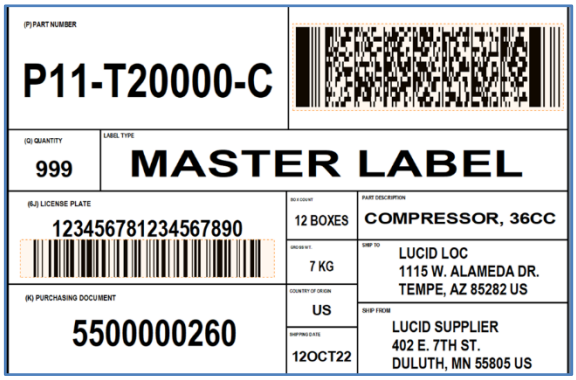
Shipping Labels

Adherence to shipping label requirements is mandatory and will be continuously monitored. A compliant Master Label and/or Material Label is required for ALL shipments. Noncompliance will result in the issuance of a SCAR (Corrective Action) by Logistics Compliance.

While Lucid expects adherence to these label standards, we also recognize their maybe legitimate concerns about a supplier's ability to meet them to the letter. Please contact shippinglabels@lucidmotors.com with question or concerns regarding label alternatives.

General Shipping Label Specifications

Example: Field Formatting Guide



Label Size: Lucid provides alternate formats see Figure 5.7. Most samples apply to 4" X 6" labels, but additional sizes are available. Shown here is a Lucid standard label, 4.0 inches (102mm) high by 6.0 inches (152mm) wide. A6 stock is also acceptable, with formatting that meets required font size.

Label Stock Material: Print media shall be of proper carbon content to insure passing ANSI X3.182 Bar C ode Print Quality guidelines. **If barcodes are unscannable, a corrective action will be issued.**

Print Quality:

- Minimum print quality grade = 1.5 (C)
- Measure aperture = 0.10" (0.254mm)
- Inspection wavelength = 660 nm +/- 10 nm

Label Color: White label with black printing (there may be special color requirements).

Field Formatting: Field formatting is pictured. See Figure 5.3 for a full-sized graphic.

Adhesives: Adhesive types can be pressure sensitive or dry gummed if adherence to the package substrate is assured and application is wrinkle-free.

Data Identifiers: All scanned barcode values must have a data identifier. For example, the License Plate should have a leading "1J", "5J", or "6J" data identifier in the scanned barcode values.

The above items are minimum requirements. There may be other regional or plant requirements that can be requested. Label protection against moisture, weathering, abrasion, etc., may be required in harsh environments and is encouraged wherever practical.

Care must be taken to assure that labels meet reflectivity and contrast requirements and can be scanned with contact & non-contact devices.

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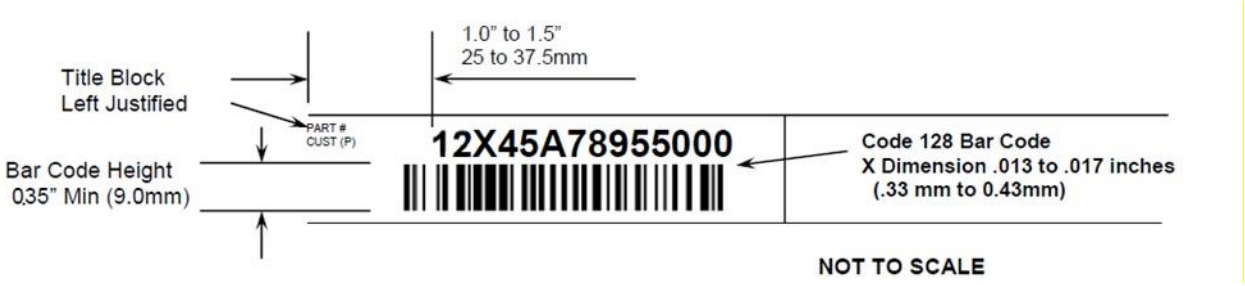
Approval Process

For review of label formats, please send digital proofs in **PDF form** to ShippingLabels@lucidmotors.com.

1D 128 Bar Code Requirements

Bar code block format

- The following figure outlines Bar code Block Layout. Bar code building block height is 0.67" +/- 0.04" (17mm +/- 1mm)
- A sub-block shall not contain more than one bar code symbol. Following figure illustrates use of building block, Bar code height, Title Block, Human Readable Text Alignment, Code 128 Bar code and X dimension.



Symbology

- All Bar codes shall be AIM Uniform code 128 symbology except when 2D bar code symbology is required.
- A leading space character shall not be used.
- %, /, $, + symbols shall not be used.

Narrow Element X Dimension

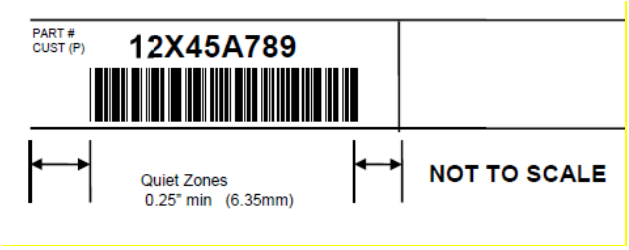
- All Bar codes shall use narrow element X Dimension of 0.013 inch to 0.017 inch (0.33mm to 0.43mm)
- Lucid recommends using 0.015 (.38mm) X dimension.

Bar Code Height

- Each Bar Code symbol SHALL be a minimum height of .35 inch (13 mm)

Bar Code symbol placement and Quiet Zones

- The following illustration will help in designing human and machine-readable Bar codes.



Error Correction

I. Minimum correction level of 3 is required.

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Figure 5.1: Material Label Field, Font, Font Size Formatting

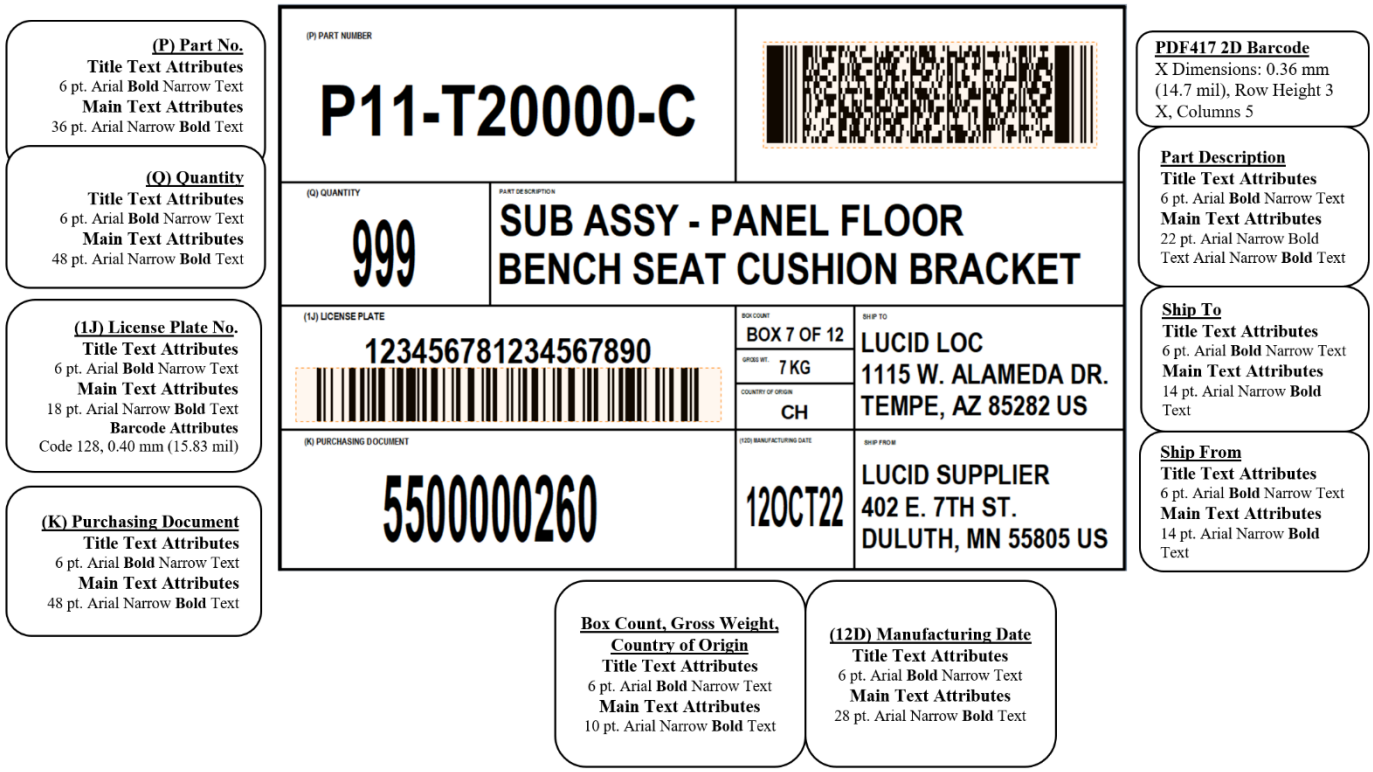
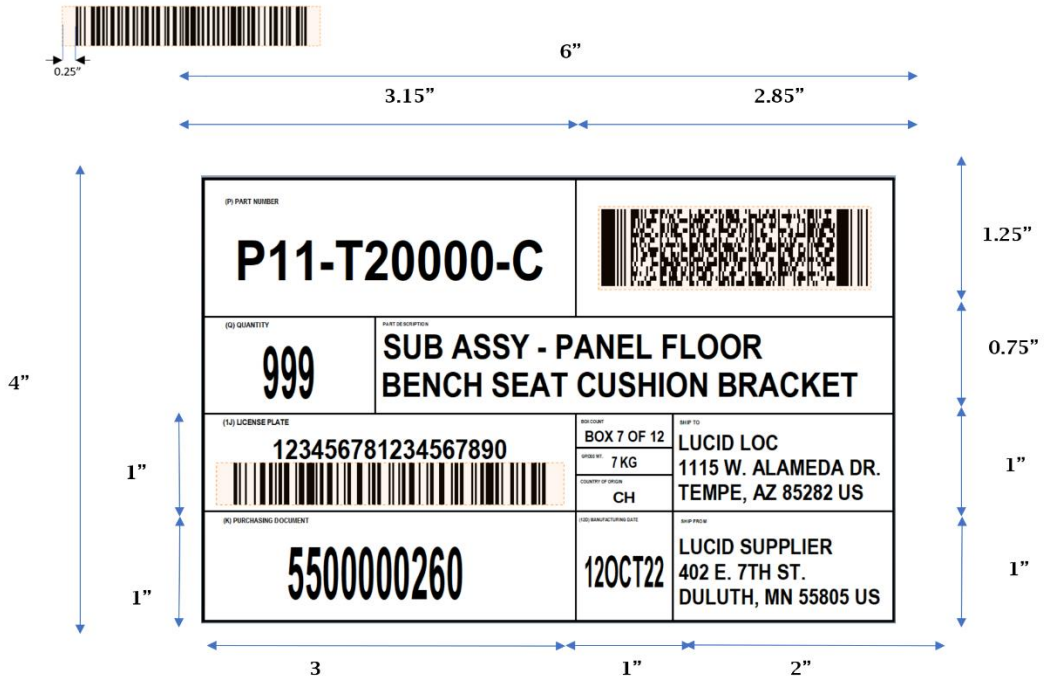


Figure 5.2: Material Label - Dimensions

Suppliers can modify the spacing, font size to ensure barcode data has enough space to print. If that means moving/shrinking Box, Gross Weight, Country of Origin, and Address information, that is acceptable.



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Material Label 417 PDF 2D Bar Code Data Content

Data Identifier (DI)	Definition	Comment	Example	Required or Optional
P	Part Number	Lucid-Provided Part Number. Part Number string length should be no more than 18 characters.	**P**P11-T20000-02	REQUIRED
Q	Quantity	Quantity shipped	**Q**999	REQUIRED
1J	License Plate Number	Data Identifier + Self-Determined Fixed Identifier is a location identifier unique to the supplier's business like an ISO Number, Dun's Number, Odette Number, JIPDEC, or Supplier Ship-From Location + Non-repeating Serial Number (padded out so entire license plate value meets full 18 characters. **The padding should be placed in between the vendor number and the serial number**)	**1J123456781234567890** Printed value **123456781234567890** Scanned value **1J123456781234567890** DESADV EDI GIR Value **1J123456781234567890**	REQUIRED* NOTE: The License Plate Identifier is not required to be printed, but should be included in the scannable barcode and EDI GIR values
V	Supplier Number	Lucid SHIP FROM code	**V**123465	REQUIRED
K	Purchasing Document	10-digit Purchase Order or Schedule Agreement Number	**K**5500000260	REQUIRED
12D	Manufacturing Date	Format DDMMMYY, *Applies to products with an expiration date or as specifically indicated by Lucid	**12D**DDMMMYY	OPTIONAL
2S	SHIP ID#/ASN #	Supplier's ASN Number sent via EDI DESADV (ASN – Advanced Ship Notice)	**2S**00123456	OPTIONAL

Important note, the scanned License Plate value MUST be the same value you send in your EDI DESADV (ASN – Advanced Ship Notice), the GIR segment in the EDI specification.

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Figure 5.3: Master Label Field, Font, Font Size Formatting

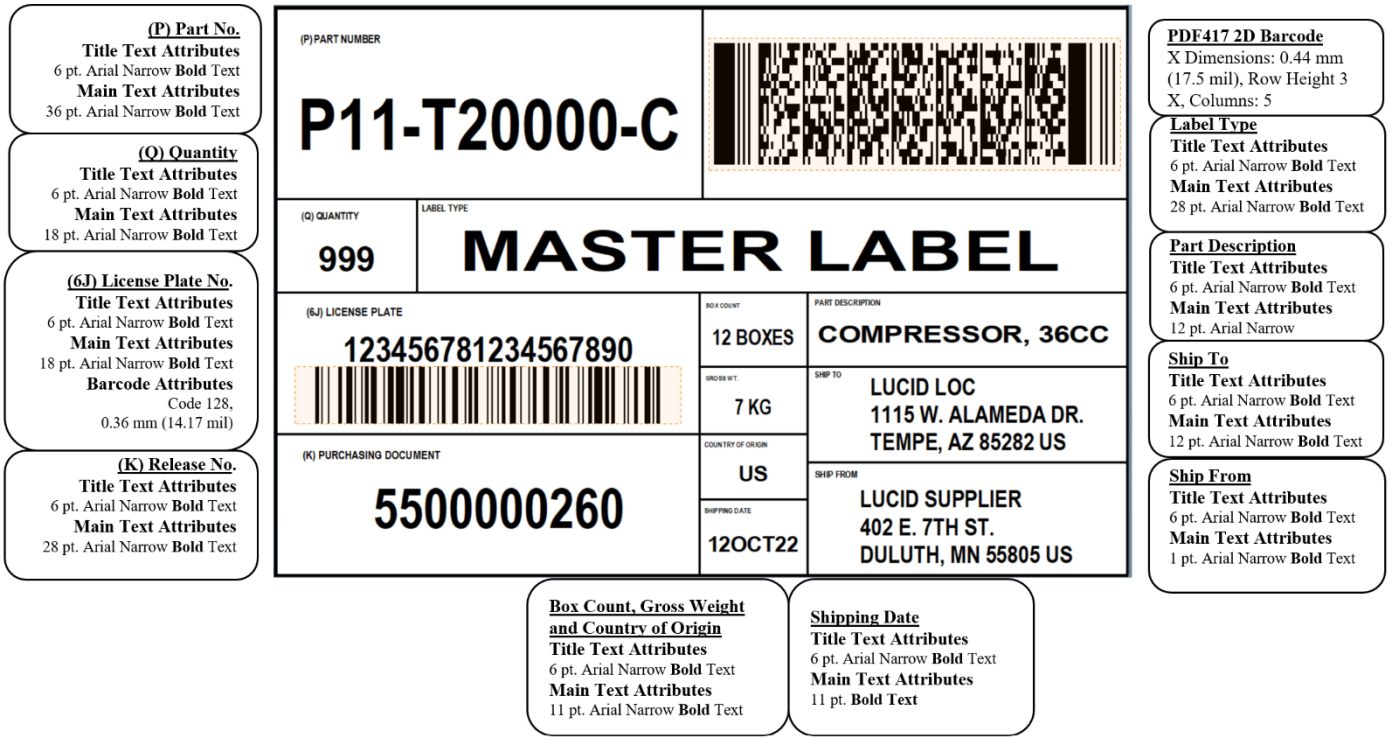
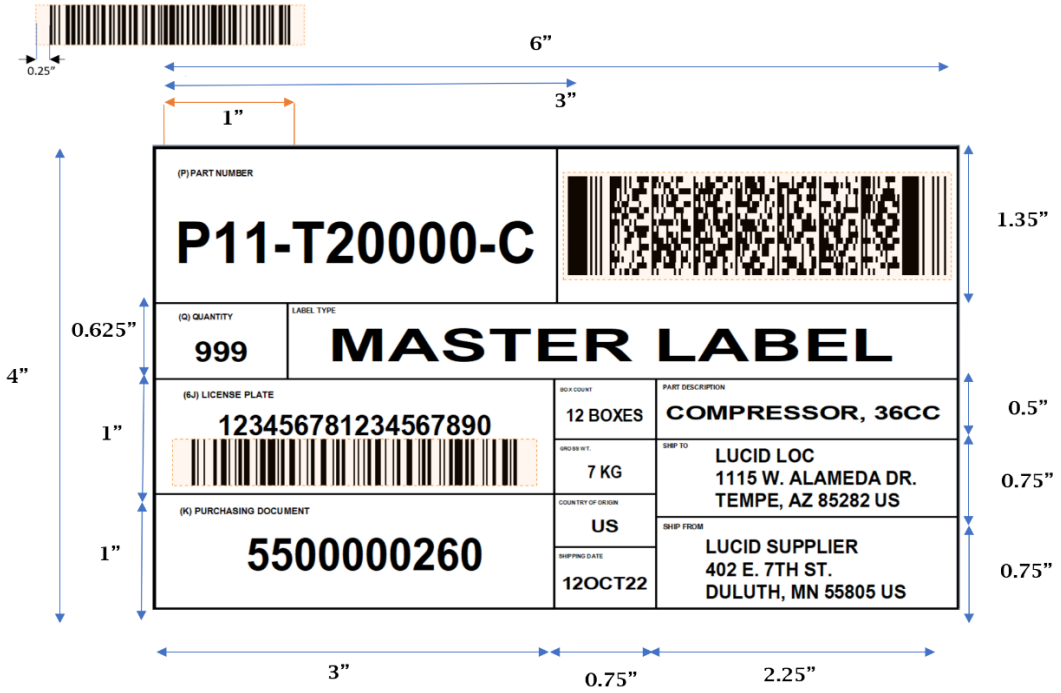


Figure 5.4: Master Label Dimensions

Suppliers can modify the spacing, font size to ensure barcode data has enough space to print. If that means moving/shrinking Box, Gross Weight, Country of Origin, and Address information, that is acceptable.



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Master Label 417 PDF 2D Bar Code Data Content

Data Identifier (DI)	Definition	Comment	Example	Required or Optional
P	Part Number	Lucid-Provided Part Number. Part Number string length should be no more than 18 characters.	**P**P11-T20000-02	REQUIRED
Q	Quantity	Quantity shipped	**Q**50	REQUIRED
6J	License Plate Number	Data Identifier + Self-Determined Fixed Identifier is a location identifier unique to the supplier's business like an ISO Number, Dun's Number, Odette Number, JIPDEC, or Supplier Ship-From Location + Non-repeating Serial Number (padded out so entire license plate value meets full 18 characters. **The padding should be placed in between the vendor number and the serial number**)	**6J123456781234567890** Printed value **123456781234567890** Scanned value **6J123456781234567890** DESADV EDI GIR Value **6J123456781234567890**	REQUIRED The License Plate Identifier is not required to be printed, but should be included in the scannable barcode and EDI GIR values
V	Supplier Number	Lucid SHIP FROM code	**V**123465	REQUIRED
K	Purchasing Document	10-digit Purchase Order or Schedule Agreement Number	**K**5500000260	REQUIRED
2S	SHIP ID#/ASN #	Supplier's ASN Number sent via EDI DESADV (ASN – Advanced Ship Notice)	**2S**00123456	OPTIONAL

Important note, the scanned License Plate value MUST be the same value you send in your EDI DESADV (ASN – Advanced Ship Notice), the GIR segment in the EDI specification.

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Figure 5.5: Mixed Label Field, Font, Font Size Formatting

If pallet contains more than one Part Number, it is a Mixed Load Pallet and requires a Mixed Label on the pallet.

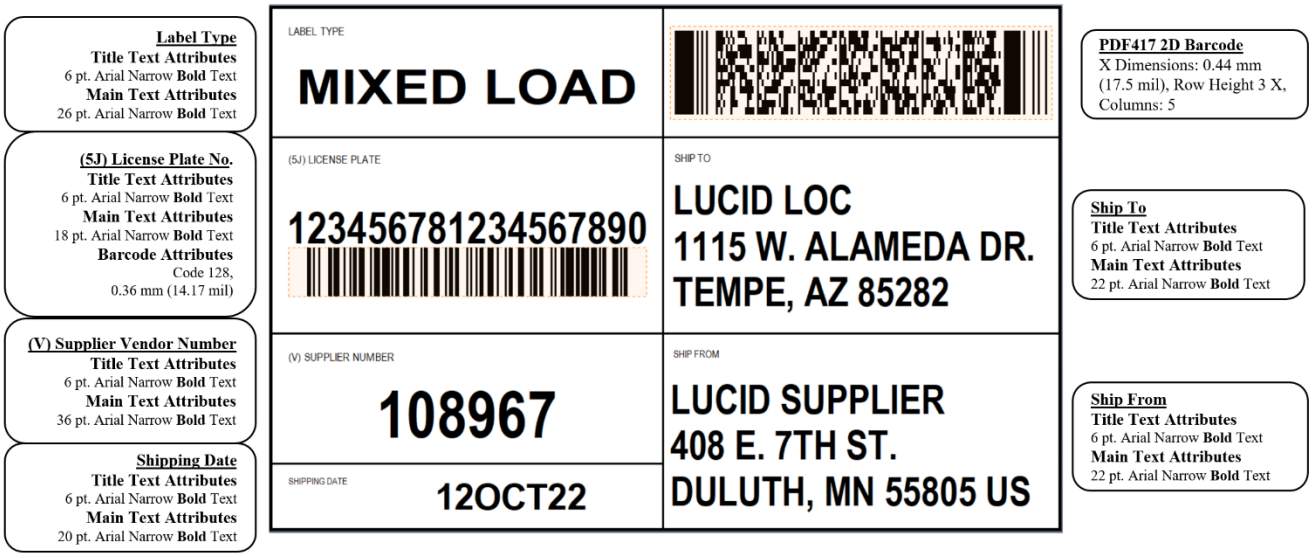

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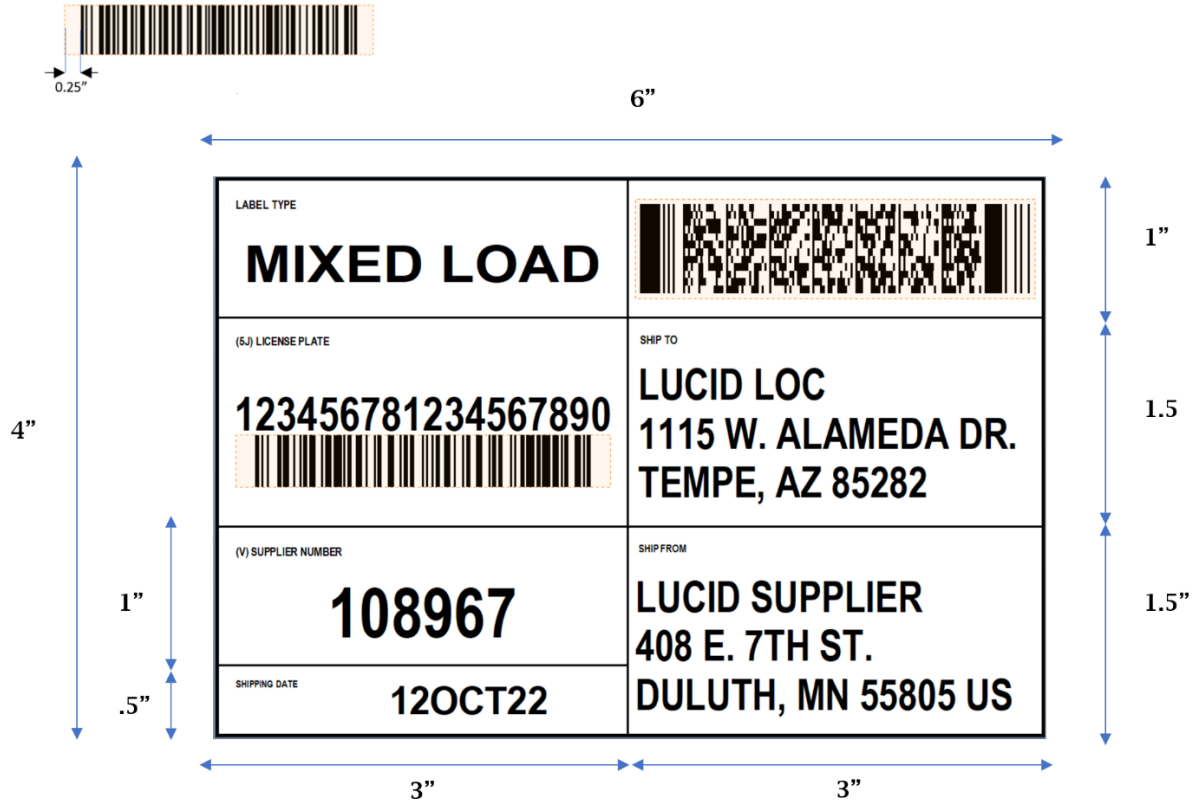
Figure 5.6: Mixed Label Dimensions



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Mixed Label 417 PDF 2D Bar Code Data Content

Data Identifier (DI)	Definition	Comment	Example	Required or Optional
5J	License Plate Number	Data Identifier + Self-Determined Fixed Identifier is a location identifier unique to the supplier's business like an ISO Number, Dun's Number, Odette Number, JIPDEC, or Supplier Ship-From Location + Non-repeating Serial Number (padded out so entire license plate value meets full 18 characters. **The padding should be placed in between the vendor number and the serial number**)	**5J**123456781234567890 Printed value **5J**123456781234567890 Scanned value **5J**123456781234567890 DESADV EDI GIR Value **5J**123456781234567890	REQUIRED NOTE: The License Plate Identifier is not required to be printed but should be included in the scannable barcode and EDI GIR values.
V	Supplier Number	Lucid SHIP FROM code	**V**108967	REQUIRED
K	Purchasing Document	10-digit Purchase Order or Schedule Agreement Number	**K**5500000260	REQUIRED
2S	SHIP ID#/ASN#		**2S**00123456	OPTIONAL

Important note, the scanned License Plate value MUST be the same value you send in your EDI DESADV (ASN – Advanced Ship Notice), the GIR segment in the EDI specification.

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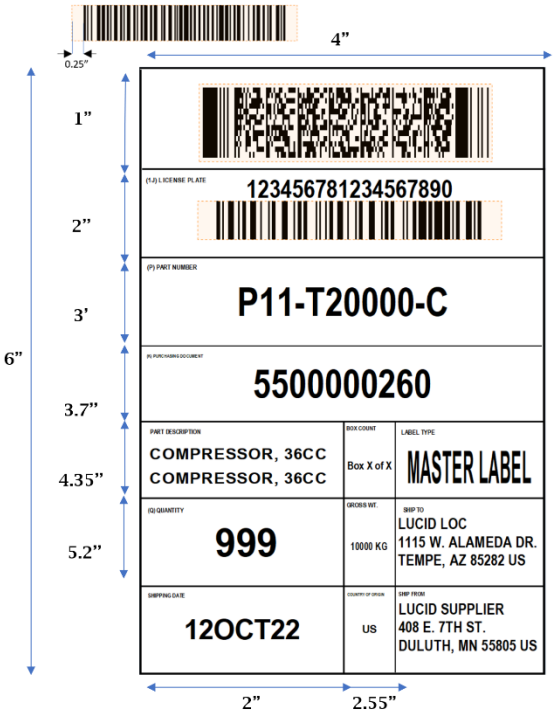
Figure 5.7 Portrait Alternate Label Format - Dimensions

Master



Mixed

Material

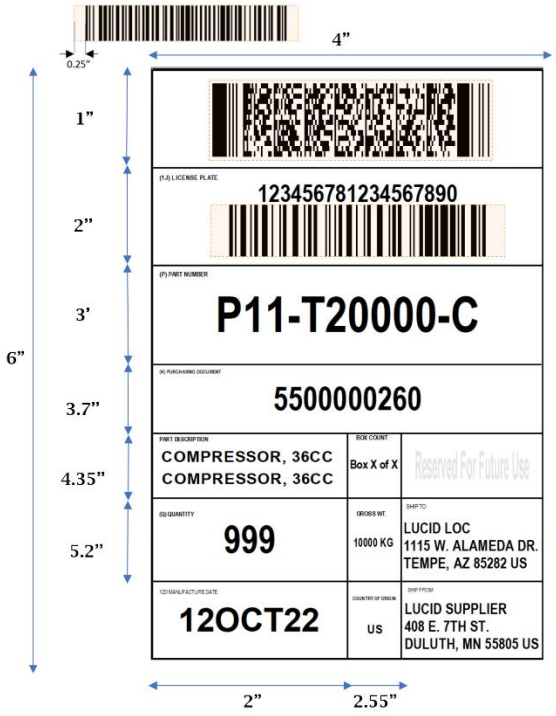


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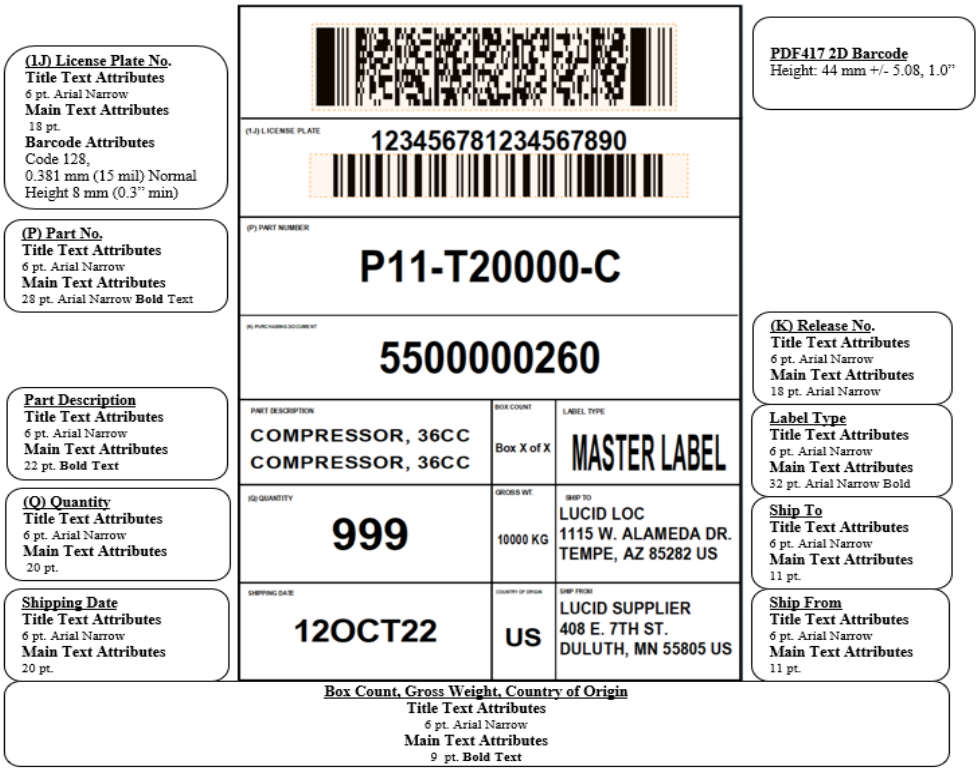
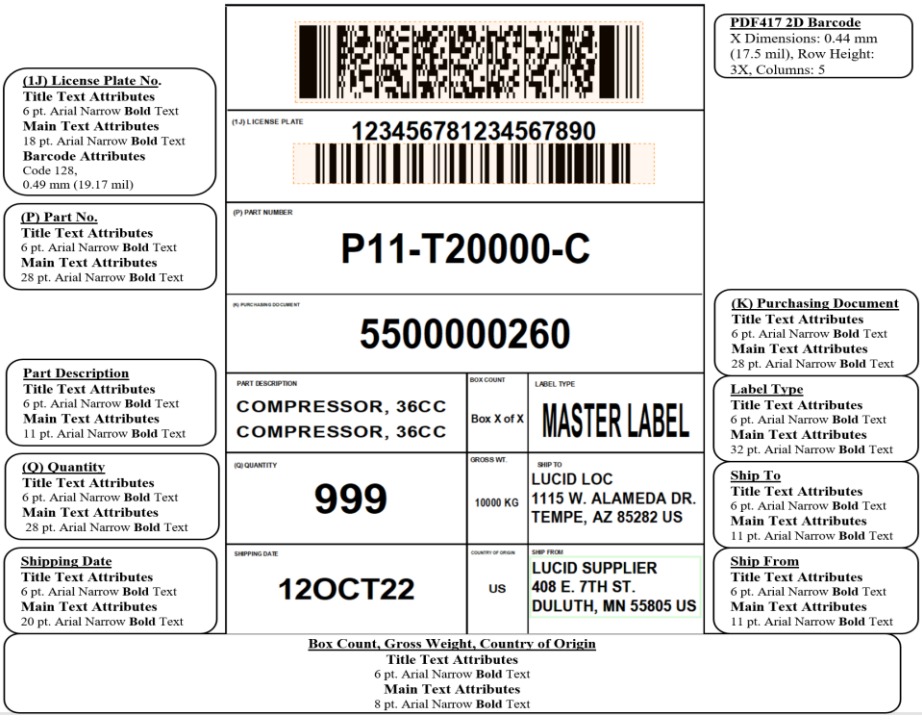
Figure 5.8 Portrait Alternate Label Format - Field, Font, Font Size Formatting

Master



Material



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Mixed

(5J) License Plate No.
Title Text Attributes
6 pt. Arial Narrow **Bold** Text
Main Text Attributes
20 pt. Arial Narrow **Bold** Text
Barcode Attributes
Code 128,
0.381 mm (15 mil) Normal
Height 8 mm (0.3" min)

(V) Supplier No.
Title Text Attributes
6 pt. Arial Narrow **Bold** Text
Main Text Attributes
36 pt. Arial Narrow **Bold** Text

Shipping Date
Title Text Attributes
6 pt. Arial Narrow **Bold** Text
Main Text Attributes
20 pt. Arial Narrow **Bold** Text

PDF417 2D Barcode
X Dimensions: 0.44 mm (17.5 mil), Row Height: 3X, Columns: 5

Label Type
Title Text Attributes
6 pt. Arial Narrow **Bold** Text
Main Text Attributes
32 pt. Arial Narrow **Bold** Text

Ship To
Title Text Attributes
6 pt. Arial Narrow **Bold** Text
Main Text Attributes
12 pt. Arial Narrow **Bold** Text

Ship From
Title Text Attributes
6 pt. Arial Narrow **Bold** Text
Main Text Attributes
12 pt. Arial Narrow **Bold** Text

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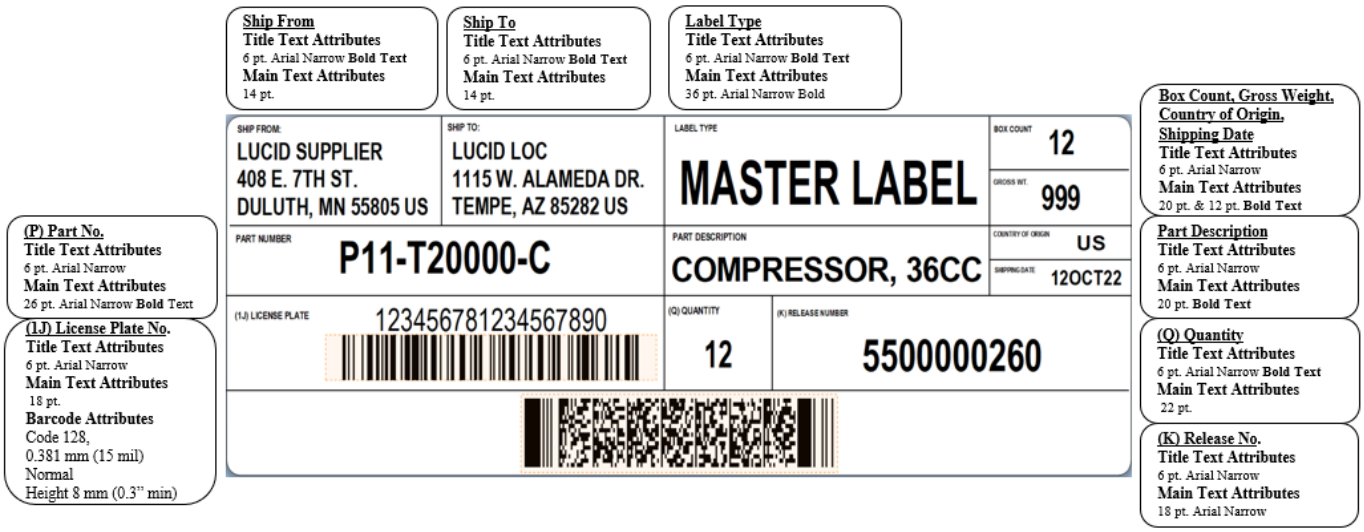
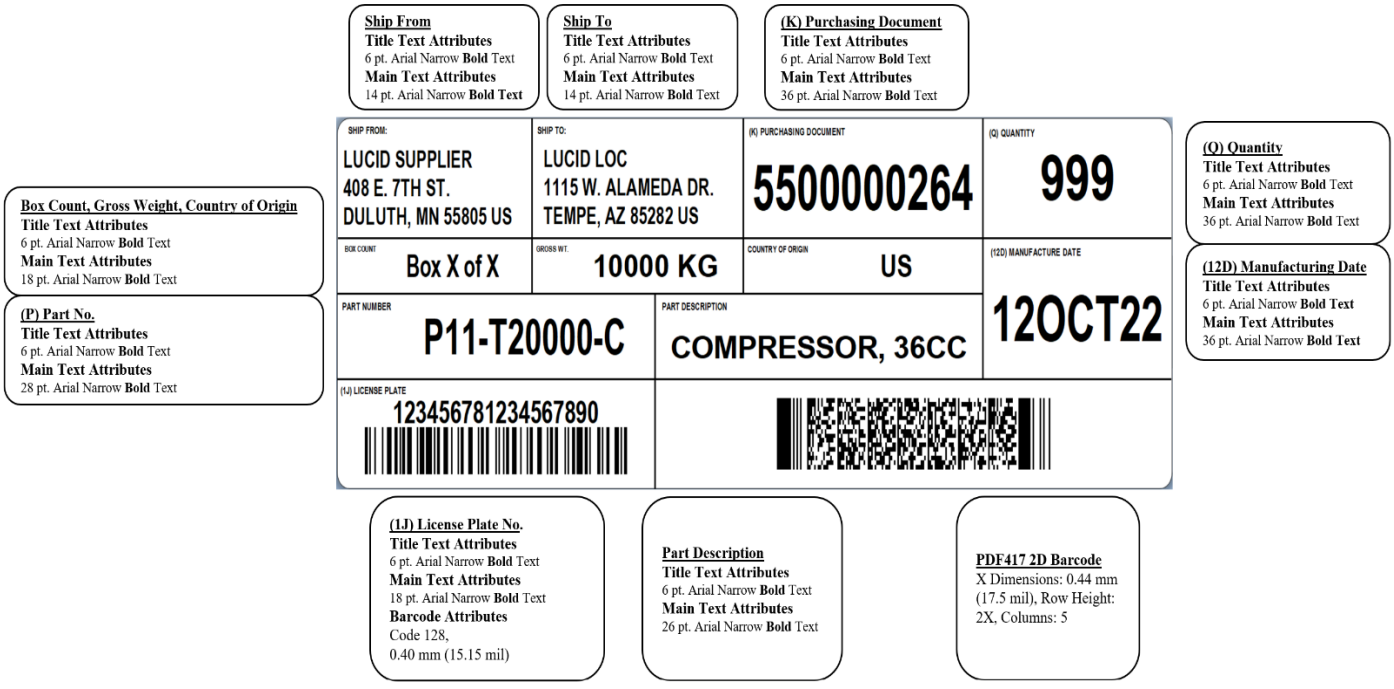
Figure 5.9 Reduced Height Alternate Label - Format Field, Font, Font Size Formatting

Master



Material



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Mixed

Ship From
Title Text Attributes
6 pt. Arial Narrow **Bold** Text
Main Text Attributes
14 pt. Arial Narrow **Bold** Text

Ship To
Title Text Attributes
6 pt. Arial Narrow **Bold** Text
Main Text Attributes
14 pt. Arial Narrow **Bold** Text

Label Type
Title Text Attributes
6 pt. Arial Narrow **Bold** Text
Main Text Attributes
36 pt. Arial Narrow **Bold** Text

(5J) License Plate No.
Title Text Attributes
6 pt. Arial Narrow **Bold** Text
Main Text Attributes
20 pt. Arial Narrow Arial Narrow **Bold** Text
Barcode Attributes
Code 128,
0.381 mm (15 mil) Normal
Height 8 mm (0.3" min)

Shipping Date
Title Text Attributes
6 pt. Arial Narrow **Bold** Text
Main Text Attributes
26 pt. Arial Narrow **Bold** Text

(V) Supplier Vendor Number
Title Text Attributes
6 pt. Arial Narrow **Bold** Text
Main Text Attributes
28 pt. Arial Narrow **Bold** Text

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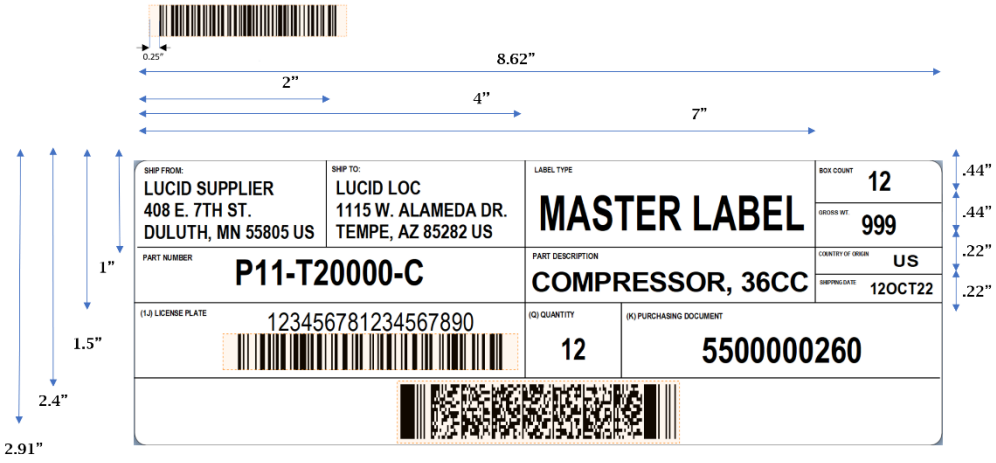
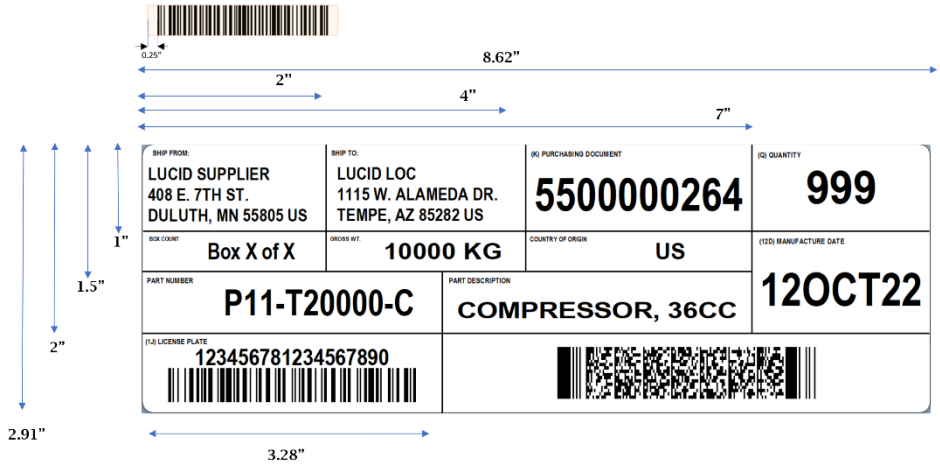
Figure 5.10 Reduced Height Alternate Label Format - Dimensions

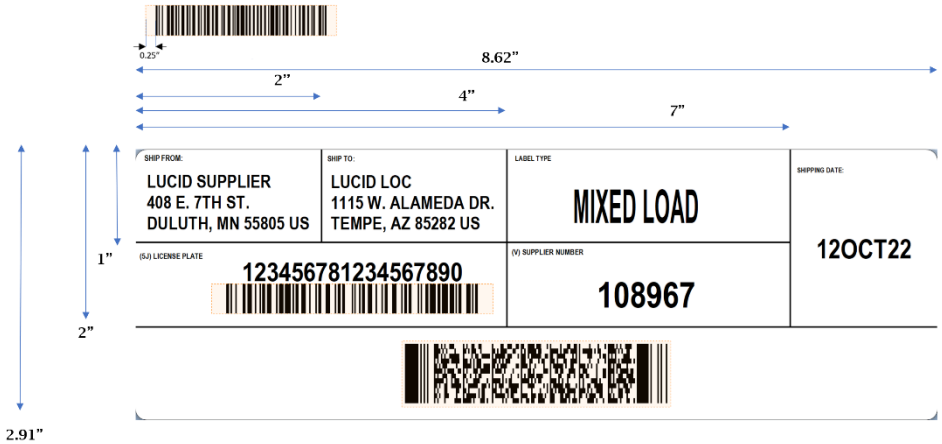
Master



Material



Mixed



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