This document provides American Axle & Manufacturing's METAL FORMING BU (MFBU) guidelines on supply partner labels to be used for identifying material shipped to AAM MFBU production facilities. The labels will be used to tie the contents of the shipment to an Advance Shipping Notice (ASN).

All production material shipments to AAM MFBU facilities are to be accompanied by the following supply partner labels:

- ✓ Two Single Pack Labels are required on opposing sides of each container shipped.
- ✓ Master Pack Labels are required to summarize the contents of a pallet containing two or more containers of the same part. All container labels on the pallet will be linked to the corresponding Master Label.
- ✓ The labels are based on the AIAG B-10 format.
    - ➢ The labels are 4 X 6-inches.
    - ➢ The barcodes are 3-of-9 (Code 39) type.
    - ➢ Font Style is Sans Serif
    - ➢ Fonts are sized based on LPB (Lines Per Block)
        - • 2 LPB = .40 Inches (11mm)
        - • 3 LPB = .25 Inches (7 mm)
        - • 4 LPB = .20 Inches (5 mm)
        - • 5 LPB = .15 Inches (4 mm)
        - • 6 LPB = .12 Inches (3 mm)
        - • 7 LPB = .10 Inches (2 mm)
        - • 8 LPB = .08 Inches (1.5 mm)
    - ➢ Quiet Zone is .25 Inches
    - ➢ All Block Titles are 8 LPB
- ✓ For shrink-wrap packed pallets, the Master Label must be affixed to the outside of the shrink-wrap.
- ✓ Make sure that label placement on the container(s) is facing forward and is easily scannable.

AMERICAN AXLE & MANUFACTURING

Single Pack Label

TO: METALDYNE   AAM PLANT ADDRESS, CITY ST COUNTRY ZIP

PART NUMBER (P)

MPN 123456789101112131415

Block 5

SHIP DATE: **06/15/06**

Block 6

Block 1

QUANTITY (Q)

123456

PART DESC: **DAMPER HUB CASTING A**

REV LEVEL: **RL1**   HEAT #: **CERT 123**

LOT #: **LOT 123456**

Block 2

Block 7

SUPPLIER NUMBER (V)

123456789

PO NUMBER (K)

PO 123456789

Block 3

Block 8

SERIAL NUMBER (S)   **123456789 005940779**

Block 4

FROM: SUPPLIER   123 MAIN STREET   ANYWHERE, USA 12345-6789

Block 1:

> **AAM Ship To Address**
>
> > Block Title = TO:
> > Text Height = 8 LPB
> > Data = The address of the AAM receiving location.
>
> **AAM Part Number**
>
> > Block Title = PART NUMBER (P)
> > Data Identifier (DI) = P
> > Text Height = 2 LPB
> > Barcode = .4 Inches
> > Data = AAM's Part Number.
> > Maximum Length = 1 character "P" DI Code + 25 characters

Block 2: QUANTITY:

> Block Title = QUANTITY (Q)
> Data Identifier (DI) = Q
> Text Height = 3 LPB
> Barcode = .4 Inches
> Data = The quantity in this container
> Maximum Length = 1 character "Q" DI Code + 6 characters

Block 3: SUPPLIER NUMBER:

> Block Title = SUPPLIER (V)
> Data Identifier (DI) = V
> Text Height = 3 LPB
> Barcode = .4 Inches

Data = The AAM assigned Supplier or Vendor Code.
Maximum Length = 1 character "V" DI Code + 8 characters

Block 4:

UNIQUE Container Serial Number

Block Title = SERIAL NUMBER (S)
Data Identifier (DI) = S
Text Height = 3 LPB
Barcode = .7 Inches
Data = Supplier DUNS number + A unique supplier serialized number for this container.
Maximum Length = 1 character "S" DI Code + 9 characters + 10-character Serial Number
Container Serial number transmitted in EDI must match to the above defined Data rule for serial number. Data in Label and EDI must match.

Supplier Ship From Address

Block Title = FROM:
Text Height = 8 LPB
Data = The address of the shipping location.

Block 5: EMPTY

Block 6: SHIP DATE:

Block Title = SHIP
            DATE:
Text Height = 2 LPB
Data = The date the shipment left your location. Format=MM/DD/YY

Block 7:

AAM Part Number Description

Block Title = PART DESC:
Text Height = 3 LPB
Data = Description of the AAM Part Number
Maximum Length = 25 characters

Engineering Revision Level

Block Title = REV LEVEL:
Text Height = 3 LPB
Data = The Engineering Change Level of all parts in this container.
Maximum Length = 10 characters.

Heat Certification Number

Block Title = HEAT #:
Text Height = 3 LPB
Maximum Length = 10 characters

Lot Number

Block Title = LOT #:
Text Height = 3 LPB
Data = Supplier assigned lot control number to that can be used to trace these parts to specific manufacturing/assembly process data
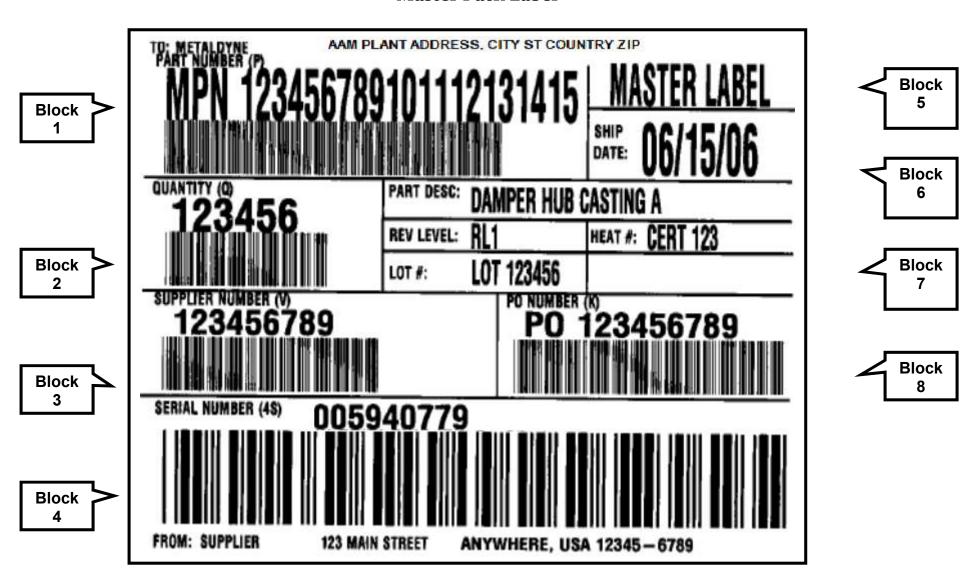Maximum Length = 10 characters.

Block 8: PO NUMBER:

Block Title = PO NUMBER (K)
Data Identifier (DI) = K
Text Height = 3 LPB
Barcode = .4 Inches
Data = AAM assigned Purchase Order Number

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Maximum Length = 1 character "K" DI Code + 8 characters

Master Pack Label

Block 1

Block 2

Block 3

Block 4

Block 5

Block 6

Block 7

Block 8

TO: METALDYNE

AAM PLANT ADDRESS, CITY ST COUNTRY ZIP

PART NUMBER (P)

MPN 123456789101112131415

MASTER LABEL

SHIP DATE: 06/15/06

QUANTITY (Q)

123456

PART DESC: DAMPER HUB CASTING A

REV LEVEL: RL1

HEAT #: CERT 123

LOT #: LOT 123456

SUPPLIER NUMBER (V)

123456789

PO NUMBER (K)

PO 123456789

SERIAL NUMBER (4S)

005940779

FROM: SUPPLIER   123 MAIN STREET   ANYWHERE, USA 12345—6789

Block 1:

    AAM Ship To Address

        Block Title = TO:
        Text Height = 8 LPB
        Data = The address of the Metaldyne receiving location.

    AAM Part Number

        Block Title = PART NUMBER (P)
        Data Identifier (DI) = P
        Text Height = 2 LPB
        Barcode = .4 Inches
        Data = AAM's Part Number.
        Maximum Length = 1 character "P" DI Code + 25 characters

Block 2: QUANTITY:

    Block Title = QUANTITY (Q)
    Data Identifier (DI) = Q
    Text Height =3 LPB
    Barcode = .4 Inches
    Data = The total quantity in all containers on this master container
    Maximum Length = 1 character "Q" DI Code + 6 characters

Block 3: SUPPLIER NUMBER:

    Block Title = SUPPLIER (V)
    Data Identifier (DI) = V
    Text Height = 3 LPB
    Barcode = .4 Inches
    Data = The AAM assigned Supplier or Vendor Code.
    Maximum Length = 1 character "V" DI Code + 8 characters

Block 4:

AAM Master Serial Number

Block Title = SERIAL NUMBER (4S)
Data Identifier (DI) = 4S
Text Height = 3 LPB
Barcode = .7 Inches
Data = A unique supplier serialized number for this container.
Maximum Length = 2 character "4S" DI Code + 10 character Serial Number

Supplier Ship From Address

Block Title = FROM:
Text Height = 8 LPB
Data = The address of the shipping location.

Block 5: MASTER LABEL

Block Title = MASTER LABEL
Text Height = 2 LPB

Block 6: SHIP DATE:

Block Title = SHIP
         DATE:
Text Height = 2 LPB
Data = The date the shipment left your location. Format=MM/DD/YY

Block 7:

AAM Part Number Description

Block Title = PART DESC:
Text Height = 3 LPB
Data = Description of the AAM Part Number
Maximum Length = 25 characters

Engineering Revision Level

Block Title = REV LEVEL:
Text Height = 3 LPB
Data = The Engineering Change Level of all parts in this container.
Maximum Length = 10 characters.

Heat Certification Number

Block Title = HEAT #:
Text Height = 3 LPB
Maximum Length = 10 characters

Lot Number

Block Title = LOT #:
Text Height = 3 LPB
Data = Supplier assigned lot control number to that can be used to trace these parts to specific manufacturing/assembly process data
Maximum Length = 10 characters.

Block 8: PO NUMBER:

Block Title = PO NUMBER (K)
Data Identifier (DI) = K
Text Height = 3 LPB
Barcode = .4 Inches
Data = AAM assigned Purchase Order Number
Maximum Length = 1 character "K" DI Code + 8 characters