

Appendix K: U.S.A - B10 (2D, PDF417)

PART
Block Title = PART NO.
Data = Autoliv Part No.
Text Height = 3 LPB
Data Identifier (DI) = P
Maximum Length = 15
(14 Data chars + 1 char DI)
Bar Code Symbology = Code 3 of 9

QUANTITY
Block Title = QUANTITY
Data = Quantity in this container or master
Text Height = 3 LPB
Uom = 5 LPB
Data Identifier (DI) = Q
Maximum Length = 5
(4 Data Chars + 1 char DI)
Bar Code Symbology = Code 3 of 9

RAN
Block Title = RAN
Data = Autoliv RAN or PO Number
Text Height = 3 LPB
Data Identifier (DI) = 15K
Maximum Length = 16
(13 Data chars + 3 char DI)
Bar Code Symbology = Code 3 of 9

CONSIGNOR CODED
Block Title = SUPPLIER
Data = Assigned Supplier Number
Text Height = 4 LPB
Supplier = 6 to 8 LPB
Data Identifier (DI) = V
Maximum Length = 9
(8 Data chars + 1 char DI)
Bar Code Symbology = Code 3 of 9

PART NO. (P) 1234567890ABC 			
QUANTITY (Q) 1234 		1234567890 	
RAN (15K) 1234567890ABC 		PART INFO 1234567890ABCDEF GHI JHKL MN 1234567890ABCDEF GHI JHKL MN 1234567890ABCDEF GHI JKL MNOPQRS 1234567890ABCDEF GHI JKL MNOPQRS	
SUPPLIER (V) 12345678  AUTOLIV ASP OGDEN, UTAH 84405		SHIP TO XXX 	SHIP WINDOW 01:01
		LOT/BATCH NO. (1T) 1234567890	

SHIP TO
Block Title = SHIP TO
Data = Autoliv Ship To Facility Code or Number sent in EDI (Last 3 of the code)
Text height = 3 LPB
Maximum Length = 3

Cross Dock Suppliers Only
SHIP WINDOW
Block Title = SHIP WINDOW
Data = Pick up window time
Text height = 6 LPB
Maximum Length = 5

LOT NUMBER
Block Title = LOT NO.
Data = Suppliers Mfg Lot Number
Text Height = 5 to 7 LPB
Data Identifier (DI) = 1T
Maximum Length = 12
(10 Data chars + 2 char. DI)
Bar Code Symbology = Code 3 of 9

Upper right hand corner = 2D Symbol PDF 417

The AIAG B10 and B16 specifications list the format and message headers, trailers, and separators that make up the message envelope of the PDF417 barcode. Data contained within should include: Part number, Quantity, Vendor, Lot Number, and Container/Master Pallet ID.

Example Data: {>[RS]06[GS]P1234567890ABC[GS]Q1234[GS]V12345678[GS]1T1234567890[GS]3S1234567890[RS][EOT]}

Note: each set of brackets represents an ASCII control character and these should not be literally as text in the label.

For example: {EOT} is the ASCII 0x4 or CTRL D character not literally the characters "EOT" (Refer to AIAG B10 Appendix G)

USA B10 2D

2D - PDF417 Code Contents
Autoliv Part No. - Data identifier (DI) = P
Quantity (Container or Master) - Data identifier (DI) = Q
Assigned Supplier Number - Data identifier (DI) = V
PKG ID Unit - Data Identifier (DI) = 3S (Container)
PKG ID Master - Data Identifier (DI) = 4S (Master Pallet)
Lot Number - Data Identifier (DI) = 1T
Optional: Expiration Date - Data Identifier = 14D
Expiration Date Format (YYMMDD)
Other data as required (Agreed to by both parties)
may be contained in the 2D barcode and must follow specifications AIAG B-10 and ANSI MH 10.8.2
Bar Code Symbology = PDF417

PKG ID-UNIT or PKG ID-MASTER
Block Title = PKG ID-UNIT (Container)
= PKG ID-MASTER (Master Pallet)
Data = Supplier assigned unique Package ID (Container)
= Supplier assigned unique ID to package multiple containers of like items (Master Pallet)
Text Height = 2 LPB
Data Identifier (DI) = 3S (Container)
= 4S (Master Pallet)
Maximum Length = 12
(10 Data chars + 2 char DI)
Bar Code Symbology = Code 3 of 9

Part Description Part Info PDF417
Block Title = PART INFO
Text Height = 5 to 6 LPB
Line 2 Data = First half of part description
Line 3 Data = Second half of part description or Autoliv User Defined
Line 4 Data = Part Revision Letter or Autoliv User Defined
Line 5 Data = Supplier Name Location or Autoliv User Defined

Modification Index

Version/Date/Author	Approved by	Modification	Purpose
1.0/01-Apr-2018/Jill Thomson	Christian Quellier	First Version	