TRW Automotive

EDIFACT
Destination Advice Message
(DESADV)

Version: D 97A

TRW BRAIN DESADV Spec.doc
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Introduction

1. TRW Automotive has selected GEIS for use in sending/receiving EDI EDIFACT transactions with its Suppliers using SupplyWEB, which is a requirement by TRW Automotive plant(s).

2. Refer to the documentation for each specific transaction set to view the TRW Automotive standard/version.

3. Destination Advice Message (DESADV) must be received at the TRW Automotive plant within one hour of shipment and before the products reaches the TRW Automotive dock.

Testing and Certification

TRW Automotive will be using the GEIS Network. If you choose to use a different VAN (Value Added Network), please make sure an interconnect is set up.

1. Suppliers must fill out the **EDI Request/Modification Form**, which is available on the Vendor Information Network (http://vin.livmi.trw.com) and send it to the email address at the top of the form.

2. Once the **EDI Request Form/Modification Form** is received, the Contact Person on the form will be contacted by the TRW Automotive EDI Department to start testing.

TRW Automotive Sender/Receiver IDs

TRW Automotive has 2 different ids. One is used during Supplier testing and the other one is used when the Supplier has been certified (production). Please see appropriate ids below:

TRW Automotive's Test sender/receiver ID is: TRWGDCTEST:ZZ

TRW Automotive's Production sender/receiver ID is: TRWGDC:ZZ

EDI Specification Glossary

Abbreviations in the **Req. Des.** column have the following definitions:

C	Conditional	The presence of this item is dependent on the presence or absence of other items.
F	Floating	This is used only for the NTE segment that may appear anywhere in the transaction set between the transaction set header and the transaction set trailer.
M	Mandatory	This data segment shall be included in the transaction set. Note that though a data segment may be mandatory in a loop of data segments, the loop itself is optional if the beginning segment of the loop is designated as optional.
N	Not Used	CMI does not use this segment at this time.
O	Optional	The presence of this data segment is at the option of the sending party.

Abbreviations in the **Seg. Type** column have the following definitions:

C	Conditional	The presence of this item is dependent on the presence or absence of other items.
M	Mandatory	This data segment shall be included in the transaction set. Note that though a data segment may be mandatory in a loop of data segments, the loop itself is optional if the beginning segment of the loop is designated as optional.

Abbreviations in the **Data Type** column have the following definitions:

D	Data Element
C	Composite Data Element
S	Sub-Element

Abbreviations in the **Format** column have the following definitions:

A	Alphabetic Format
N	Numeric Format
X	Alphanumeric Format

DESADV (Destination Advice Message)

This section provides the TRW Automotive standard format and established data contents of a DESADV (Destination Advice Message).
Note: DESADV elements which are not used by TRW Automotive are not listed in this document.

Seg. ID	Name	Seg. Type	Max. Use	Segment Group
Data Segment Sequence for the Header Level				
UNH	Message Header	M	1	
BGM	Beginning of Message	M	1	
DTM	Date/Time/Period	M	10	
MEA	Measurements	C	3	
	Segment Group 1	C	10	
RFF	Reference	M	2	
	Segment Group 2	C	10	
NAD	Name and Address	M	1	
TDT	Details of Transport	M	1	
Data Segment Sequence for the Detail Level				
	Segment Group 10	C	9999	
CPS	Consignment Packing Sequence	M	1	
	Segment Group 15	C	9999	
LIN	Line Item	M	1	
PIA	Additional Product ID	C	10	
IMD	Item Description	C	25	
QTY	Quantity	C	10	
GIN	Goods Identity Number	M	10	
	Segment Group 20	C	9999	
PCI	Package Identification	M	1	
MEA	Measurements	M	3	
QTY	Quantity	M	1	
Data Segment Sequence for the Summary Level				
CNT	Control Total	C	5	
UNT	Message Trailer	M	1	

Message Header

Segment:	UNH – Message Header
Level:	Header
Max Use:	1
Segment Status:	
Purpose:	A service segment starting and uniquely identifying a message. The message type code for the Destination Advice Message is DESADV.
Comments:	UNH+00000001+DESADV:D:97A:UN

TAG	Name	Data Type	M/C	Format	Comments
0062	Message Reference Number	D	M	14X	Must be a unique number right-justified on a field of 8 zeros (e.g., 00012345).
S009	Message Identifier	C	M		
0065	Message Type	S	M	6X	Will always be DESADV
0052	Message Version	S	M	3X	Will always be D
0054	Message Release Number	S	M	3X	Will always be 97A
0051	Controlling Agency	S	M	2X	Will always be UN

Beginning of Message

Segment:	BGM - Beginning of Message
Level:	Header
Max Use:	1
Segment Status:	
Purpose:	To indicate the type and function of a message and to transmit the identifying number.
Comments:	BGM+350:::DESADV+12345678+9+NA (Original) BGM+350:::DESADV+12345678+5+NA (Replacement)

TAG	Name	Data Type	M /C	Format	Comments
C002	Document/Message Name	C	C	5N	
1001	Document/Message Name, coded	S	C	3X	Will always be 350 for Despatch Order
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, coded	S	C	3X	Not Used
1000	Document Message/Name	S	C	35X	Will always be DESADV
1004	Document/Message Number	D	C	35X	This will be a unique 35-digit alphanumeric identifier assigned by the supplier at the time the DESADV message is generated.
1225	Message Function, coded	D	C	3X	Code indicates the function of the message. Possible values include: 5 = Replacement Document 9 = Original Transmission
4343	Response Type, coded	D	C		Will always be NA for No Acknowledgment Needed

Date/time/period

Segment:	DTM - Date/Time/Period
Level:	Header
Max Use:	10
Segment Status:	
Purpose:	The DTM segment should be used to convey the message creation date as well as the shipment date.
Comments:	DTM+10:20020729:102 (Shipment Date) DTM+97:20020729:102 (Creation Date)

TAG	Name	Data Type	M/C	Format	Comments
C507	Date/Time/Period	C	M		
2005	Date/Time/Period Qualifier	S	M		10 = Shipment Date 97 = Transaction Creation Date
2380	Date/Time/Period	S	C		Date pertaining to date qualifier (above)
2379	Date/Time/Period Format Qualifier	S	C		Will always be 102 to indicate that the date is in YYYYMMDD format

Measurements

Segment:	MEA - Measurements
Level:	Header
Max Use:	5
Segment Status:	
Purpose:	Used to specify physical measurements of shipment .
Comments:	This segment should be used to convey the shipment weights. It would also be used to communicate the number of freight pieces at the shipment level. All 3 iterations are required. MEA+EGW++KG:100 MEA+WT++KG:10 MEA+AAU++EA:20 (header level)

TAG	Name	Data Type	M /C	Format	Comments
6311	Measurement Application Qualifier	D	M		EGW – Estimated gross weight WT – Tare weight AAU – Total freight pieces EGW – Estimated gross weight **Note:** The estimated gross weight should be the total weight of the unit(s) being shipped, including the tare weight. The tare weight should reflect the total package weight of the units being shipped. Total freight pieces would be the total number of units being shipped. See note for tag 6314 for further clarification.
C502	Measurement Details	C	C		Not Used
6313	Measurement Details, coded	S	C		Not Used
6321	Measurement Significance, coded	S	C		Not Used
6155	Measurement Attribute, coded	S	C		Not Used
6154	Measurement Attribute	S	C		Not Used
C174	Measure unit qualifier	C	C		
6411	Measure Unit Qualifier	S	M	3X	The unit of measure. **Note:** If the value of tag 6311 is EGW or WT, this would be a weight unit of measure (i.e., LB, KG, etc…). If the value of tag 6311 is AAU, this would be a unit of measure that would relate to a number of freight pieces (i.e. EA, PC, etc…). TRW Automotive would expect to

					see the unit of measure that is on the Release.
6314	Measurement Value	S	C		If tag 6311 is EGW, this value will be the gross weight. If the MEA segment is at the header level, this will be the gross weight of the entire shipment. If tag 6311 is WT, this value will be the tare weight. If the MEA segment is at the header level, this will be the tare weight for the entire shipment. If tag 6311 is AAU, this value will be the total freight pieces. If the MEA segment is at the header level, this will be the total freight pieces for the shipment.
6162	Range Minimum	S	C		Not Used
6152	Range Maximum	S	C		Not Used
6432	Significant Digits	S	C		Not Used
7383	Surface/Layer Indicator, coded	D	C		Not Used

Reference

Segment:	RFF – Reference
Level:	Header (Segment Group 1)
Max Use:	2
Purpose:	Used to convey the Bill of Lading and Packing Slip numbers.
Comments:	RFF+BM:654321 RFF+PK:12345678

TAG	Name	Data Type	M/C	Format	Comments
C5606	Reference	C	M		
1153	Reference Qualifier	S	M	3X	PK = Packing List Number BM = Bill of Lading Number
1154	Reference Number	S	C	10X 10X	If tag 1153 is BM, this will be the bill of lading number. If tag 1153 is PK, this will be the packing slip number.
1156	Line Number	S	C		Not Used
4000	Reference Version Number	S	C		Not Used

Name and Address

Segment:	NAD - Name and Address
Level:	Header (Segment Group 2)
Max Use:	1
Segment Status:	
Purpose:	Used in header to identify both the buying and selling parties.
Comments:	There must be **two** iterations of this segment: one each for the supplier ship-from and the buyer ship-to. The only required data element is tag 3039; however, other data element tags may be printed on reports and therefore should be sent where applicable (e.g., party name, address, city, etc.). NAD+ST+614A NAD+SF+123456

TAG	Name	Data Type	M/C	Format	Comments
3035	Party Qualifier	D	M	3X	ST = Ship-to SF = Ship-from
C082	Party Identification Details	C	C		
3039	Party ID Identification	S	M	35X	If tag 3035 is ST, this will be the **TRW ERP Number** *(see Appendix A)* of the buyer ship-to location. If tag 3035 is SF, this should be the TRW Supplier Code for the ship-from location.
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, coded	S	C	3X	Not Used
C058	Name and Address	C	C		
3124	Name and Address Line	S	M	35X	Not Used
3124	Name and Address Line	S	C	35X	Not Used
3124	Name and Address Line	S	C	35X	Not Used
3124	Name and Address Line	S	C	35X	Not Used
3124	Name and Address Line	S	C	35X	Not Used
C080	Party Name	C	C		
3036	Party Name	S	M		
3036	Party Name	S	C		
3036	Party Name	S	C		

3036	Party Name	S	C		
3036	Party Name	S	C		
3045	Party Name Format, coded	S	C		
C059	Street	C	C		
3042	Street and Number/PO Box	S	M	35X	Not Used
3042	Street and Number/PO Box	S	C	35X	Not Used
3042	Street and Number/PO Box	S	C	35X	Not Used
3042	Street and Number/PO Box	S	C	35X	Not Used
3164	City Name	D	C	35X	Not Used
3229	Country Sub-Entity Identification	D	C	9X	Not Used
3251	Postcode Identification	D	C	9X	Not Used
3207	Country, coded	D	C		Not Used

Details of Transport

Segment:	TDT
Level:	Heading (Segment Group 2)
Max Use:	1
Segment Status:	
Purpose:	Used to convey the carrier information pertaining to the shipment.
Comments:	TDT+20+12349AD+30++RDWY

TAG	Name	Data Type	M/C	Format	Comments
8051	Transport Stage Qualifier	D	M	3X	Must be 20 for Main Carriage Transport
8028	Conveyance Reference Number	D	C	100X	This will be the unique number assigned by the carrier to the shipment or carrier vehicle.
C220	Mode of Transport	C	C		
8067	Mode of Transport, coded	S	C	3X	EDIFACT code designating the mode of transport. Accepted values include: 20 = Rail Transport 30 = Road Transport 40 = Air Transport 60 = Multimodel Transport
8066	Mode of Transport	S	C	17X	Not Used
C228	Transport Means	C	C		
8179	Type of Means of Transport Identification	S	C		Not Used
8178	Type of Means of Transport	S	C		Not Used
C040	Carrier	C	C		
3127	Carrier Identification	S	C	17X	Code designating the carrier (SCAC) used to transport goods
1131	Code List Qualifier	S	C		Not Used
3055	Code List Responsible Agency, coded	S	C		Not Used
3128	Carrier Name	S	C	37X	Not Used
8101	Transit Direction, coded	D	C		Not Used
C401	Excess Transportation Information	C	C		
8457	Excess Transportation Reason, coded	S	M		Not Used
8459	Excess Transportation Responsibility, coded	S	M		Not Used
7130	Customer Authorization Number	S	C		Not Used

C222	Transport Identification	C	C		
8213	ID Of Means of Transport Identification	S	C		Not Used
1131	Code List Qualifier	S	C		Not Used
3055	Code List Responsible Agency, coded	S	C		Not Used
8212	ID of Means of Transport	S	C		Not Used
8453	Nationality of Means of Transport	S	C		Not Used
8281	Transport Ownership, coded	D	C		Not Used

Consignment Packing Sequence

Segment:	CPS - Consignment Packing Sequence
Level:	Detail (Segment Group 10)
Max Use:	1
Segment Status:	
Purpose:	Segment is used to define a hierarchical structure to convey packaging information.
Comments:	No packaging information need be conveyed. This segment is only included to ensure conformity with EDIFACT standards. CPS+1

TAG	Name	Data Type	M / C	Format	Comments
7164	Hierarchical ID Number	D	M	12X	Because there will only be one hierarchical level, this value should always be 1.
7166	Hierarchical Parent ID	D	C		Not Used
7075	Packing Level, coded	D	C		Not Used

Line Item

Segment:	LIN - Line Item
Level:	Detail (Segment Group 15)
Max Use:	1
Segment Status:	
Purpose:	To convey line item data such as buyer part number and to indicate the start of the LIN loop.
Comments:	LIN+1++8765432

TAG	Name	Data Type	M / C	Format	Comments
1082	Line Item Number	D	C	6N	Unique sequential number for each line item in the DESADV message.
1229	Action Request/Notification, coded	D	C	3X	Not Used
C212	Item Number Notification	C	C		
7140	Item Number	S	C	35X	
7143	Item Number Type, coded	S	C	3X	Should be the TRW Automotive's Part Number
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, coded	S	C	3X	Not Used
C829	Sub-Line Information	C	C		
5495	Sub-Line Indicator, coded	S	C	3X	Not Used
1082	Line Item Number	S	C	6N	Not Used
1222	Configuration Level	D	C	2N	Not Used
7083	Configuration, coded	D	C	3X	Not Used

Additional Product Id

Segment:	PIA - Additional Product ID
Level:	Detail (Segment Group 15)
Max Use:	10
Segment Status:	
Purpose:	
Comments:	PIA+1+222333:PO If you choose to send the Vendor Part Number, it needs to be included in one PIA segment. PIA+1+222333:PO+5556667:VP

TAG	Name	Data Type	M / C	Format	Comments
4347	Product ID Function Qualifier	D	M	3X	Will always be 1 for Additional Identification
C212	Item Number Identification	C	M		
7140	Item Number	S	C	35X	Should be TRW Automotive's Purchase Order Number
7143	Item Number Type, coded	S	C	3X	Should always be PO for Purchase Order Number
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, coded	S	C	3X	Not Used
C212	Item Number Identification	C	C		
7140	Item Number	S	C	35X	If desired, this should be the Vendor's Part Number
7143	Item Number Type, coded	S	C	3X	If the vendor part is sent in tag 7140, this should be VP for Vendor Part Number.
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, coded	S	C	3X	Not Used
C212	Item Number Identification	C	C	3X	Not Used
7140	Item Number	S	C	3X	Not Used
7143	Item Number Type, coded	S	C	3X	Not Used
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, coded	S	C	3X	Not Used
C212	Item Number Identification	C	C	3X	Not Used

7140	Item Number	S	C	3X	Not Used
7143	Item Number Type, coded	S	C	3X	Not Used
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, coded	S	C	3X	Not Used
C212	Item Number Identification	C	C	3X	Not Used
7140	Item Number	S	C	3X	Not Used
7143	Item Number Type, coded	S	C	3X	Not Used
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, coded	S	C	3X	Not Used

Item Description

Segment:	IMD - Item Description
Level:	Detail (Segment Group 15)
Max Use:	25
Segment Status:	
Purpose:	Used to describe the product being dispatched.
Comments:	This is an **optional** segment which the supplier may send; it is not loaded.

TAG	Name	Data Type	M /C	Format	Comments
7077	Item Description Type, coded	D	C	3X	Should always be A for Freeform Long Description
7081	Item Characteristic, coded	D	C	3X	Should always be 8 for Product
C273	Item Description	C	C		
7009	Item Description Identification	S	C		Not Used
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, coded	S	C	3X	Not Used
7008	Item Description	S	C	35X	Should be the Seller's Part Description
7008	Item Description	S	C	35X	Not Used
3453	Language, coded	S	C	3X	Not Used
7383	Surface/Layer Indicator, coded	D	C	3X	Not Used

Quantity

Segment:	QTY
Level:	Detail (Segment Group 15)
Max Use:	10
Segment Status:	
Purpose:	Used to convey quantities associated with the parts being shipped.
Comments:	**Two** iterations of this segment must be used: one for the discrete quantity being shipped for the line item, and one for the cumulative quantity (including this shipment) shipped against the purchase order. QTY+1:480:PCE (Discrete) QTY+3:10200:PCE (Cumulative)

TAG	Name	Data Type	M / C	Format	Comments
C186	Quantity Details	C	M		
6063	Quantity Qualifier	S	M	3X	1 = Discrete 3 = Cumulative
6060	Quantity	S	M	15N	If tag 6063 is 1, this must be the quantity being shipped for the line item. If tag 6063 is 3, this must be the cumulative quantity shipped against the line item P/O, including this shipment.
6411	Measure Unit Qualifier	S	C	3X	Must be the unit of measure in which the line item is shipped.

Good Identity Number

Segment:	GIN
Level:	4
Max Use:	10
Segment Status:	
Purpose:	Used to convey Lot Numbers associated with the part being shipped.
Comments:	This segment is used by the TRW Chassis plants. Plants currently using this segment are Fenton, Fowlerville and Mt. Vernon. Other TRW Chassis plants may use this segment in the future.

TAG	Name	Data Type	M / C	Format	Comments
7405	Identity Number Qualifier		M	3A	BX = Batch Number
C208	Identity Number		M	35X	Lot Number

Package Identification

Segment:	PCI
Level:	Detail (Segment group 20)
Max Use:	1
Segment Status:	
Purpose:	Used to convey container serial number.
Comments:	When communicating container information there would be one PCI loop for each container. PCI+24+12345

TAG	Name	Data Type	M / C	Format	Comments
4233	Marking instructions, coded	D	C		24 – Shipper assigned. Markings to identify a shipment package or carton as assigned by shipper.
C210	Marks and labels	C	C		
7102	Shipping marks	S	M		Serial number
7102	Shipping marks	S	C		Not used
7102	Shipping marks	S	C		Not Used
7102	Shipping marks	S	C		Not Used
7102	Shipping marks	S	C		Not Used
7102	Shipping marks	S	C		Not Used
7102	Shipping marks	S	C		Not Used
7102	Shipping marks	S	C		Not Used
7102	Shipping marks	S	C		Not Used
7102	Shipping marks	S	C		Not Used
7102	Shipping marks	S	C		Not Used
8275	Container/package status, coded	D	C		Not Used
C827	Type of Marking	C	C		Not Used
7511	Type of marking, coded	S	M		Not Used
1131	Code list qualifier	S	C		Not Used
3055	Code list responsible agency, coded	S	C		Not Used

Measurements

Segment:	MEA – Measurements
Level:	Detail
Max Use:	3
Segment Status:	
Purpose:	Used to specify physical measurements of shipment or detail.
Comments:	This segment should be used to convey the detail weights. It would also be used to communicate the number of freight pieces at the detail level. MEA+EGW++KG:100 MEA+WT++KG:10 MEA+AAU++EA:1 (detail level)

TAG	Name	Data Type	M /C	Format	Comments
6311	Measurement Application Qualifier	D	M		EGW – Estimated gross weight WT – Tare weight AAU – Total freight pieces EGW – Estimated gross weight **Note:** The estimated gross weight should be the total weight of the unit(s) being shipped, including the tare weight. The tare weight should reflect the total package weight of the units being shipped. Total freight pieces would be the total number of units being shipped. See note for tag 6314 for further clarification.
C502	Measurement Details	C	C		Not Used
6313	Measurement Details, coded	S	C		Not Used
6321	Measurement Significance, coded	S	C		Not Used
6155	Measurement Attribute, coded	S	C		Not Used
6154	Measurement Attribute	S	C		Not Used
C174	Measure unit qualifier	C	C		
6411	Measure Unit Qualifier	S	M	3X	The unit of measure. **Note:** If the value of tag 6311 is EGW or WT, this would be a weight unit of measure (i.e., LB, KG, etc…). If the value of tag 6311

					is AAU, this would be a unit of measure that would relate to a number of freight pieces (i.e. EA, PC, etc…). TRW Automotive would expect to see the unit of measure that is set on the Release.
6314	Measurement Value	S	C		If tag 6311 is EGW, this value will be the gross weight. If the MEA segment is at the detail level, this will be the gross weight of a specific container. If tag 6311 is WT, this value will be the tare weight. If the MEA segment is at the detail level, this will be the tare weight of a specific container. If tag 6311 is AAU, this value will be the total freight pieces. If the MEA segment is at the detail level, this will be the total freight pieces for a specific container (essentially, always a value of one).
6162	Range Minimum	S	C		Not Used
6152	Range Maximum	S	C		Not Used
6432	Significant Digits	S	C		Not Used
7383	Surface/Layer Indicator, coded	D	C		Not Used

Quantity

Segment:	QTY
Level:	Detail (Segment group 20)
Max Use:	1
Segment Status:	
Purpose:	Used to convey container quantity
Comments:	For each PCI segment there would be a corresponding QTY segment that will convey the total number of pieces in that container. QTY+52:25

TAG	Name	Data Type	M /C	Format	Comments
C186	Quantity Details	C	M		
6063	Quantity Qualifier	S	M		52 – Quantity per pack. Self explanatory.
6060	Quantity	S	M		Quantity in container.
6411	Measure Unit Qualifier	S	C		Not used

Control Total

Segment:	CNT - Control Total
Level:	Summary
Max Use:	5
Segment Status:	
Purpose:	To provide control data pertaining to the DESADV message.
Comments:	CNT+2:1

TAG	Name	Data Type	M/C	Format	Comments
C270	Control	C	M		
6069	Control Qualifier	S	M	3X	Will always be 2 to indicate Number of Line Items in Message
6066	Control Value	S	M	18N	This will be the sum total of all the line items (LIN segments) in the DESADV message.
6411	Measure Unit Qualifier	S	C		Not Used

Message Trailer

Segment:	UNT - Message Trailer
Level:	Summary
Max Use:	1
Segment Status:	
Purpose:	
Comments:	UNT+18+00000001

TAG	Name	Data Type	M / C	Format	Comments
0074	Number of segments in the message	D	M	6N	This will be the sum total of the number of segments in the message.
0062	Message Reference Number	D	M	14X	This will be the same message reference number as stored in the associated UNH segment for the DESADV document.

Appendix: A

Plant	ShipTo/Plant Code
Aguascalientes	209
Alfdorf	118A
Angers	247A
Aschaffenburg	614A
Aschau	0001
Auburn	719A
Barcelona	482
Barsinghausen	146A
Beckedorf	146B
Benesov	714
Bergheim	249A
Blumberg	146C
Bouzonville	414
Bricherasio	1111 / 1112
Brighton	51
Caivano	2111
Czestochowa Legionów	242B
Czestochowa Rolnicza	242A
Czestochowa Safety	657A
Dacice EC	
Dacice Suspensions	157E
Danville	261
Del Norte Plastic	454C
Del Norte Plastic	454B
Del Norte Service	454D
Dijon	142E
Enkenbach/Emmerke	727
Fayette	22
Fenton	76
Fowlerville	54
Garret, IN	12, 13
Gellep	141F
Gliwice	G1
Greenville	105G
Horni Pocernice	not active 612A?
Ingwiller	423
Itzehoe	647
Jablonec	416
Jackson	31

Kingsway	21
Koblenz	299
La Source	266A
Laage	0002
Lafayette	126A
Lebanon	126B
Linn	141G
Madrid (Fasteners)	471
Marion	105F
Marshall	519A
Midland	475A
Mill Hill	903A
Mogadore	260
Mt Vernon	71
Neuwied	672
Peterlee	903A
Pontypool	415
Portland	126C
Pruzkow	779
Puebla	295P
Queretaro Chassis	295Q
Queretaro Commercial Steering	280C
Queretaro Fasteners	686F
Radolfzell	713
Ramonchamps	142F
Reno	790A
Repov	778
Reynosa	619A
Reynosa / DelNorte	454A
Rogersville	105E
Santa Rosa	20
Schalke	141H
Schirmeck	172A
Selb	676
Sevierville	836
St. Jean	193A
St. Leon Rot	0004
Stara Boloslav	000
Stephenson	177A
Toledo	950A
Turin BCS	605
Turin Fasteners	718
Wednesbury	129A
Wixom, MI	53
Woodstock	C02