

Specifications and Information for doing EDI with Gentex Corporation:

Gentex EDI Contact:

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Joe should be called for any EDI questions and to set up testing of EDI documents.

General Information:

Sterling Commerce is the VAN that we use to trade through.

Our qualifier is: 01 and the Mail box ID is: 065855363

Suppliers who do EDI with Gentex will receive two EDI documents, an 830 (planning schedule) and an 850 (purchase order). The 830's are sent out once a week on Tuesday mornings between 1 and 5 a.m. 850's are sent out on a daily basis for each part number that has shipping requirements, these are sent out between 5 and 6 a.m. The 850 and 830 documents are sent in ANSI X12 data format and version 004010 is used. The following pages have the specifications of the 850 and 830 that will be sent.

Specs. For The 830 Planning Schedule From Gentex (Version 004010)

Segment	Element	Rec	----	Field	----	Description
ID	Seq No.	Loop Cd	Pos	Lgth	Type	X/EDI Field Name
BFR Example: BFR*00*1234**BB*A*19990101*19990101*19990101						
BFR	1 353	10	1	2	ID	Trans. Purpose Cd.
	2 127	10	3	30	AN	Reference Number FIELD100003
	4 675	10	33	2	ID	Schedule Type Qualifier FIELD100033
	5 676	10	35	1	ID	Schedule Quantity Qualifi FIELD100035
	6 373	10	36	8	DT	Date FIELD100036
	7 373	10	44	8	DT	Date FIELD100042
	8 373	10	52	8	DT	Date
N1 Example: N1*ST**91*G6860001						
N1	1 98	15	1	2	ID	Entity Identifier Code FIELD150001
	3 66	15	3	2	ID	Identification Code Quali FIELD150003
	4 67	15	5	17	ID	Identification Code
Section N1, 04 will always be G6860001 on the 830 document. The specific ship to location for part numbers will be sent on the 850 purchase order.						
LIN Example: LIN**BP*123-001-000						
LIN	2 235	20	1	2	ID	Product/Service ID Qualif FIELD200001
	3 234	20	3	30	AN	Product/Service ID
UIT Example: UIT*EA						
UIT	1 355	30	1	2	ID	Unit of Measurement Code FIELD300001
REF Example: REF*PO*123456						
REF	1 128	40	1	2	ID	Reference Number Qualifie FIELD400001
	2 127	40	3	30	AN	Reference Number FIELD400003
QTY Example: QTY*69*10000						
QTY	1 673	50	1	2	ID	Quantity Qualifier FIELD500001

2	380	50	3	10	R	Quantity FIELD500003
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FST Example: FST*12345*D*Z*19990101

5800	FST	1	380	60	1	10	R	Quantity FIELD600001
		2	680	60	11	1	ID	Forecast Qualifier FIELD600011
		3	681	60	12	1	ID	Forecast Timing Qualifier FIELD600012
		4	373	60	13	8	DT	Date FIELD600013

Technical Specifications for Gentex Corporation **850** document:

ANSI X-12 Version 04010

BEG Segment:

Element ID	Length	Description
BEG01	2	Will use "00" for original set purpose code, no other value will be sent
BEG02	2	Will use "RL" for purchase order release, no other value will be sent
BEG03	1/10	Purchase order number
BEG04	1 / 4	Purchase order line number
BEG05	8	Date of transaction

N1 Segment:

N101	2	Will be "ST" for ship to plant
N102	2	Will be "92" for ship to qaulifier
N104	1 / 6	Will be one of four ship to codes: CHI = 10985 Chicago Drive RIL = 58 E. Riley Street STA = 675 N. State Street CEN = 600 N. Centennial Street

PO1 Segment:

PO101	1 / 4	PO line number of part being shipped
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PO102	1 / 9	Quantity needed to be shipped
PO103	2	Unit of measure
PO104	1 / 14	Unit price of part to be shipped
PO105		Not used
PO106	2	Will be “BP” for Gentex part number
PO107	1 / 15	Gentex part number of part being shipped
PO108	2	Will be “RV” for revision
PO109	12	Will be the revision level of the part being shipped

SCH Segment:

SCH01	1 / 9	Quantity of part to be shipped
SCH02	2	Unit of Measure
SCH03		Not used
SCH04		Not used
SCH05	3	Will be “112” qualifier for dock date
SCH06	8	Gentex dock date

CTT Segment:

CTT01	1 / 6	Number of line items
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