



**TRACTOR[®]
SUPPLY CO.**

EDI

GUIDELINES

MERCHANDISE INVOICE

810

4010 VERSION

August 20, 1999



EDI GUIDELINES

MERCHANDISE INVOICE 810 VERSION 4010

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INTRODUCTION

This document is to provide our Tractor Supply Company (TSC) Trading Partners with the business and technical information needed to upgrade or implement the 810 Invoice document. **For a successful EDI implementation, it is critical that you review these mapping guidelines and understand the EDI processes and procedures for Tractor Supply Company.** Charts summarizing EDI enveloping segments and the segment hierarchy are provided for the technical reader. This document, prepared by TSC, contains descriptions of *only* those segments and data elements used by TSC.

TSC uses the **VICS** (retail/manufacturer) subset of the ANSI X12 standards as our guideline for EDI mapping; however, we formally trade documents using the ANSI X12 standards. We do observe all VICS notes. If you need a standards manual, contact GS1 US (formerly Uniform Code Council) at:

GS1 US
Princeton Pike Corporation Center
1009 Lenox Drive Suite 202
Lawrenceville, New Jersey 08648
609-620-0200

Web site: <http://www.gs1us.org>

Email: info@gs1us.org

To obtain the CAD04 code list for all Carriers, contact:

National Motor Freight Traffic Association
1001 North Fairfax Street, Suite 600
Alexandria VA 22314
866-411-6632
Web site: <http://www.nmfta.org>
Email: customerservice@nmfta.org

Please review these guidelines and contact Tractor Supply Company's EDI department with any questions.



GENERAL GUIDELINES

Transmission/Pickup

- TSC's Value Added Network (VAN) is **Sterling Commerce**. If you choose to use a VAN other than Sterling, you may interconnect to Sterling. Please note that you are responsible for selecting an EDI solution provider/VAN that has effective tools for managing and tracking your EDI data. You are also responsible for data retention with your VAN. We recommend a minimum of 14 days of data retention at your VAN in case of communications issues.
- TSC retrieves merchandise invoices (810's) from Sterling Commerce at **11:30 a.m. (CT)** Monday through Friday and at **6:00 p.m. (CT)** Sunday through Thursday.
- TSC returns **Functional Acknowledgments** (997's) for all merchandise invoices (810's). This allows you to verify internally which transmissions TSC has received. If you have not received an expected 997, call TSC's EDI Department. Please check first for a 997 before calling the TSC EDI department to verify receipt of invoices.

Transmission Verification

- Every transmission you receive from TSC is numbered in sequence. If you show a gap in the interchange (ISA) control numbers, contact the TSC EDI Analyst at (615) 440-4639. If you receive multiple types of EDI documents from TSC, you should also check your group (GS) control numbers. GS control numbers are incremented individually by document, whereas ISA control numbers increment globally for all documents. If the control numbers are out of sequence, you are most likely missing an envelope of data.
- If you question the validity of your translated data, please compare your translated data to your raw data (before translation). This process should identify from where the problem is originating, your translation or TSC's system.

Retransmission

- If you need data retransmitted, call your VAN and have them restore the data you need. Once the data has been restored, you should pick up the data from the VAN. Based on your agreement with your VAN, there may be a limited restoration window. You should check with your chosen VAN for their individual archiving procedures. Also, there may be a fee for restoration of data. It is your responsibility to choose appropriate archiving procedures based on your EDI processing schedule.
- If you are missing an interchange (ISA), call your VAN and provide the following information. They should be able to find the data and restore it for you:
 - Your qualifier
 - Your sender/receiver ID
 - TSC's qualifier-----08
 - TSC's sender/receiver ID-----6120930000
 - The interchange (ISA) control number you are missing

Invoice Format

- TSC expects the basic invoice format. One invoice, detailing the items shipped and billed, should be sent for each purchase order you receive. TSC does not accept credit or debit memos via EDI.

Item Identification

- TSC requires the following product identifiers for invoices for regular PO's:
 - TSC Item Number (TSC SKU Number)
 - Your Item Number (Vendor Part Number)
 - Item UPC Code

TSC can provide a product cross-reference list containing the above information. To request this list, contact TSC's EDI department at edi@TractorSupply.com. To request a change or an update to a vendor part number or a UPC code, contact your TSC buyer. If you are transmitting an invoice for a TSC special order (phoned from the store), we request that you identify your items using vendor part numbers and UPC codes.

New Stores

- TSC is constantly adding new store locations. TSC will transmit a SAC header segment with a code of "OHNS" in the SAC04 on orders sent prior to the store opening date. Our trading partners are responsible for having a process in place to identify new store orders using this flag. Also, the N3 and N4 segments will be transmitted on these orders giving you the address on the initial order. After the store has opened, the address is no longer transmitted on the PO. If you need a new store address, contact TSC's new store hot line @ (615)-440-4770 or contact your TSC buyer .

810 Testing Procedures

- Review the attached guidelines and call TSC's EDI Analyst to schedule testing. Vendors beginning with letters A-K, please call 615-440-4639. Vendors beginning with L-Z, please call 615-440-4808.
- While testing EDI invoicing, you must still send your paper merchandise invoices for payment to:
Tractor Supply Company
P O Box 7000
Brentwood, TN 37024

Test EDI invoices will not be forwarded for payment!

- Generate test data that complies with TSC's 810 guidelines. Be sure to thoroughly test your data internally. *Your data should comply with ANSI X12 standards before it is sent to TSC for testing.* Please do not send untested 810 transactions to TSC.
- When test 810 invoices are sent, the **ISA15 (test indicator)** should be a **"T"** for test.
- There are two phases for invoice testing with Tractor Supply:

Phase I is syntax testing. A Tractor Supply EDI analyst will review your test invoices for syntax compliance. The analyst will verify that all mandatory data elements are populated according to VICS EDI standards and TSC mapping guidelines. The closer your syntax mirrors the business example on page 31, the sooner your test data will pass this phase of testing. If you have compliance issues, you will be notified via email. This is an iterative process until your invoices are syntactically compliant.

Phase II is content testing. After completion of Phase I, your test EDI invoices will be forwarded to our application test system (SAP). Accounts Payable will review them for content against the originating purchase orders. AP will validate that the PO numbers are valid, terms match the PO's, all product identification numbers match our system, the invoice totals are correct, etc. AP will provide feedback to the EDI analyst and the analyst will communicate back to you. This, too, is an iterative process. AP may require 2 – 3 independent batches without content errors before giving the approval for production.

- In addition to regular invoices, you may be requested to test special order invoices during the invoice testing process. Special orders are phoned or faxed in from our stores and are not received via EDI. However we do expect to receive invoices for the special orders via EDI. Special order PO numbers are 7 digits in length and begin with an "8". A sample special order invoice may be found on page 32 of these guidelines.
- As part of invoice testing, we will go through the process of data alignment with your company. We will send you a file of everything we currently sell for your company that is assigned a Tractor Supply article number and ask that you review the file for any changes needed for the vendor part number (your item number) and/or the UPC number.

810 Implementation Procedures

- Once both TSC and you agree to move the invoices to a production status, you will receive a confirmation letter from the EDI analyst. Hard copy merchandise invoices will no longer be needed.
- Production EDI invoices must be transmitted with a “**P**” in the **ISA15**.
- TSC’s EDI merchandise invoice process is monitored on a daily basis. If an invoice is rejected because it does not pass X12 Standards compliance checking, a TSC EDI analyst will contact you with the control number(s) and error detail. If an invoice has content errors, the TSC AP Department will contact you. You will need to resend the corrected invoice data so that your invoice(s) will be paid.
- X12 standards require you to monitor 997’s (Functional Acknowledgments) to ensure that your invoices have been received by TSC’s EDI system. 997’s will be sent for all transmissions received.

EDI CONTACTS AND SUMMARY

GENERAL INFORMATION

EDI Department

Tractor Supply Company
200 Powell Place
Brentwood, TN 37027

Phone (615) 440-4639 or (615) 440-4808
Fax (615) 484-4639 or (615) 484-4808
Email edi@TractorSupply.com

Standard: ANSI X12 (VICS subset)
VAN: Sterling Commerce
TSC's Interchange ID Qualifier: 08
TSC's Sender ID: 6120930000

Terminator and Separators as Defined by VICS EDI Guidelines

Segment Terminator:

NEW LINE – HEX "15" in EBCDIC

or

CR - HEX "0D" in EBCDIC and ASCII

Whichever character is used for the segment terminator must be used throughout the transmission.

Element Separator:

BELL - HEX "2F" in EBCDIC (HEX "07" in ASCII)

or

""** HEX "5C" in EBCDIC (HEX "2A" in ASCII)

The element separator that is to be used in the transmission is defined by the first occurrence of the element separator in the ISA segment.

Component Separator:

">" HEX "6E" in EBCDIC (HEX "3E" in ASCII)

CAUTION: Any time a printable character is used to indicate the separation of data elements or segments, that control character cannot be used as data within the transmission. Some systems/network protocols may translate control characters when going from EBCDIC to ASCII and back.

ISSUES	CONTACT
INVOICE INQUIRY: <ul style="list-style-type: none"> Invoice payment date, amount or content 	<ul style="list-style-type: none"> TSC's Accounts Payable Vendor Correspondence
TRANSMISSION PROBLEM: <ul style="list-style-type: none"> Did not receive an expected transmission/997 Have a gap in interchange control numbers 	<ul style="list-style-type: none"> Your Network/VAN TSC's EDI Department (615) 440-4639 or 4808
NEW STORE OR DC ADDRESSES:	<ul style="list-style-type: none"> New Store hot line (615) 440-4770 Your TSC buyer or inventory management contact
PURCHASE ORDER CONTENT: <ul style="list-style-type: none"> Pricing, ship/cancel dates, case pack, SKU's, store location, quantities, ship to/ship from, FOB, terms, vendor part numbers, UPC code, etc. 	<ul style="list-style-type: none"> Your TSC buyer or inventory management contact Your Sales or Customer Service Representative
SHIPPING OR ROUTING:	<ul style="list-style-type: none"> Vendor Requirements Manual at www.tractorsupply.com/vrm. Domestic transportation instructions are located on page 40.
LABEL REQUIREMENTS:	<ul style="list-style-type: none"> Vendor Requirements Manual at www.tractorsupply.com/vrm



TRADING PARTNER EDI PROFILE

Please complete and send to appropriate contact

Date: _____ New Trading Partner Change to existing partnership

• Vendor Company Name: _____

Address: _____

City: _____ State: _____ Zip: _____

TSC Buyer: _____

• Primary EDI Contact (Should be an associate of the vendor company)

Name: _____

Title: _____

Phone: _____ Fax: _____

Email: _____

• Secondary EDI Contact

Name: _____

Title: _____

Phone: _____ Fax: _____

Email: _____

• Your Communication/Network ID:

Interchange ID Qualifier (01, 12, or 08): _____ Interchange ID: _____

Network/Van: _____

EDI Platform (circle one): Mainframe / Midrange / PC

EDI Software/Translator or EDI Third Party Provider: _____

• Tractor Supply EDI Information:

Contacts: TEST: Marilyn Bryant (mbryant@tractorsupply.com) 615-440-4639/fax 615-484-4639
PRODUCTION: Jason Flanary (jflanary@tractorsupply.com) 615-440-4808/fax 615-484-4808

General e-mail: edi@tractorsupply.com

Interchange ID Qualifier: 08 Interchange ID: 6120930000

Network/VAN: Sterling Collaboration Network ANSI X.12 Version: 004010

Documents: 850 Purchase Order (w/997 Functional Acknowledgment) **Required
810 Merchandise Invoice (w/997 Functional Acknowledgment) **Required
855 Purchase Order Acknowledgment (w/997 Functional Acknowledgment) **Used by TSC-selected vendors only

**ANSI X 12
MERCHANDISE INVOICE
810
VERSION 4010**

810 MERCHANDISE INVOICE SEGMENT HIERARCHY

ENVELOPE

ISA INTERCHANGE HEADER

GROUP

GS GROUP HEADER

TRANSACTION

ST TRANSACTION SET HEADER

BIG BEGINNING SEGMENT FOR INVOICE

N1 NAME

ITD TERMS OF SALE

DTM DATE REFERENCE

FOB F.O.B. RELATED INSTRUCTIONS

DETAIL

IT1 BASELINE ITEM DATA

PID PRODUCT/ITEM DESCRIPTION

SAC SERVICE, PROMOTION, ALLOWANCE, OR CHARGE INFORMATION

SUMMARY

TDS TOTAL MONETARY VALUE SUMMARY

CAD CARRIER DETAIL

SAC SERVICE, PROMOTION, ALLOWANCE, OR CHARGE INFORMATION

CTT TRANSACTION TOTALS

SE TRANSACTION SET TRAILER

GE GROUP TRAILER

IEA INTERCHANGE TRAILER

ISA - INTERCHANGE CONTROL HEADER

Purpose: To start and identify an interchange of one or more functional groups and interchange related controls.

REF. DES.	DATA ELEMENT # AND NAME	ATTRIBUTES	VALUE & COMMENTS
ISA01	I01 AUTHORIZATION INFORMATION QUALIFIER	M ID 2/2	“00” (No Authorization Information)
ISA02	I02 AUTHORIZATION INFORMATION	M AN 10/10	Ten blanks
ISA03	I03 SECURITY INFO QUALIFIER	M ID 2/2	“00” (No Security Information)
ISA04	I04 SECURITY INFORMATION	M AN 10/10	Ten blanks
ISA05	I05 SENDER ID QUALIFIER	M ID 2/2	TSC will accept: 01 DUNS Number (9-digit) 12 Phone Number (10-digit) 08 VICS UCC Comm ID (10-digit) 14 DUNS + Suffix (9-digit plus suffix)
ISA06	I07 INTERCHANGE SENDER ID	M AN 15/15	This value will match the qualifier in ISA05.
ISA07	I05 RECEIVER ID QUALIFIER	M ID 2/2	“08”
ISA08	I06 INTERCHANGE RECEIVER ID	M AN 15/15	6120930000
ISA09	I08 DATE	M DT 6/6	YYMMDD
ISA10	I09 TIME	M TM 4/4	HHMM
ISA11	I10 INTERCHANGE CONTROL STANDARDS IDENTIFIER	M ID 1/1	“U”
ISA12	I11 INTERCHANGE CONTROL VERSION NUMBER	M ID 5/5	“00401”
ISA13	I12 INTERCHANGE CONTROL NUMBER	M N0 9/9	The interchange control number will be assigned sequentially by the vendor. This enables TSC to recognize a missing Transmission or a duplicate transmission.
ISA14	I13 ACKNOWLEDGMENT REQUESTED	M ID 1/1	“0”=No Interchange Acknowledgment Requested
ISA15	I14 USAGE INDICATOR	M ID 1/1	“P”= Production “T”= Test
ISA16	I15 COMPONENT ELEMENT SEPARATOR	M 1/1	HEX “6E” (>)

GS - FUNCTIONAL GROUP HEADER

Purpose: To indicate the beginning of a functional group and to provide control information.

REF. DES.	DATA ELEMENT # AND NAME	ATTRIBUTES	VALUE & COMMENTS
GS01	479 FUNCTIONAL IDENTIFIER CODE	M ID 2/2	"IN"
GS02	142 APPLICATION SENDER'S CODE	M AN 2/15	This will be the same as the sender ID in ISA06. If any other value is to be sent here, it must be agreed upon between the TSC EDI Analyst and the vendor prior to usage.
GS03	124 APPLICATION RECEIVER'S CODE	M AN 2/15	"6120930000"
GS04	29 DATE	M DT 8/8	CCYYMMDD
GS05	30 TIME	M TM 4/8	HHMMSSDD
GS06	28 GROUP CONTROL NUMBER	M NO 1/9	This is assigned sequentially within each group for each receiver. It enables the receiver to recognize a missing functional group or a duplicate group.
GS07	455 RESPONSIBLE AGENCY CODE	M ID 1/2	"X"
GS08	480 VERSION/RELEASE	M 1/12	"004010" - The version number is the ANSI Version (first three digits) with the X12 release number (last three).

ST - TRANSACTION SET HEADER

Purpose: To indicate the start of a transaction set and to assign a control number.

REF. DES.	DATA ELEMENT # AND NAME	ATTRIBUTES	VALUE & COMMENTS
ST01	143	TRANSACTION SET ID CODE M ID 3/3	“810” = Invoice
ST02	329	TRANSACTION SET CONTROL M AN 4/9 NUMBER	The Transaction Set Control Number is sequentially assigned to each transaction set for each receiver.

BIG - BEGINNING SEGMENT FOR INVOICE

Purpose: To indicate the beginning of an invoice transaction set and to transmit identifying numbers and date.

Usage: **Mandatory**

REF. DES.	DATA ELEMENT # AND NAME	ATTRIBUTES (X12)	VALUE & COMMENTS
<u>TSC REQUIREMENTS</u>			
BIG01	373 INVOICE DATE	M DT 8/8	Invoice issue date, CCYYMMDD *** The exact date that appears on the hard copy invoice
BIG02	76 INVOICE NUMBER	M AN 1/22	The exact invoice number that appears on the hard copy invoice.
BIG04	324 PURCHASE ORDER NUMBER	(O AN 1/22) <u>M NO 10/10</u>	TSC's 10 -digit PO number *** This data is found on the 850 PO in the BEG03 data element. *If for a special order, the PO number will be 7 digits in length and will begin with an "8".

N1 - NAME

Purpose: To identify a party by type of organization, name and code.

TSC'S REQUIREMENT: Mandatory

REF. DES.	DATA ELEMENT # AND NAME	ATTRIBUTES (X12)	VALUE & COMMENTS
<u>TSC REQUIREMENTS</u>			
N101	98 ENTITY IDENTIFIER CODE	M ID 2/3	"BY" Buying Party
N103	66 ID CODE QUALIFIER	(C ID 1/2) <u>M ID 2/2</u>	"92" Assigned by buyer
N104	67 ID CODE	(C AN 2/80) <u>M NO 4/4</u>	4 digit TSC store/DC code. If the store/DC number is 3 digits in length, a leading "0" should be used. Contact TSC inventory management if you need an updated store listing.

ITD - TERMS OF SALE

Purpose: To specify terms of sale.

TSC'S REQUIREMENT: Mandatory

REF. DES.	DATA ELEMENT # AND NAME	ATTRIBUTES (X12)	VALUE & COMMENTS
<u>TSC REQUIREMENTS</u>			
ITD01	336 TERMS TYPE CODE	(O ID 2/2) <u>M ID 2/2</u>	“05” Discount Not Applicable “08” Basic Discount Offered
ITD03	338 TERMS DISCOUNT PERCENT	O R 1/6	Terms discount percentage, expressed as a percent, available to TSC if the invoice is paid on or before the Terms Discount Due Date *** Terms = Normal Terms + New Store Terms if applicable *** Only use if ITD01 = “08”
ITD05	351 TERMS DISCOUNT DAYS DUE	C NO 1/3	Number of days in the terms discount period by which payment is due if terms discount is earned *** Only use if ITD01 = “08”
ITD07	386 TERMS NET DAYS	O NO 1/3 <u>M NO 1/3</u>	Number of days until invoice amount is due
ITD12	352 DESCRIPTION	O NO 1/80 <u>M AN 1/80</u>	A free-form description to clarify the related data elements and their content

DTM - DATE/TIME REFERENCE

Purpose: To specify pertinent dates and times.

TSC'S REQUIREMENT: Mandatory

REF. DES.	DATA ELEMENT # AND NAME	ATTRIBUTES (X12)	VALUE & COMMENTS
		<i>TSC REQUIREMENTS</i>	
DTM01	374 DATE/TIME QUALIFIER	M ID 3/3	"011" Shipped date
DTM02	373 DATE	(C DT 8/8) <u><i>M DT 8/8</i></u>	Actual ship date CCYYMMDD

FOB - F. O. B. RELATED INSTRUCTIONS

Purpose: To specify transportation instructions relating to shipment.

TSC'S REQUIREMENT: Mandatory

REF. DES.	DATA ELEMENT # AND NAME	ATTRIBUTES (X12)	VALUE & COMMENTS
<i>TSC REQUIREMENTS</i>			
FOB01	146 SHIPMENT METHOD OF PAYMENT	M ID 2/2	"CC" Collect "CF" Collect, freight credited back to the customer "DF" Defined by buyer and seller "MX" Mixed "PC" Prepaid but charged to customer "PO" Prepaid only "PP" Prepaid by seller

NOTE: TSC will only accept a freight charge added to the invoice for code "PC"

IT1 - BASELINE ITEM DATA (INVOICE)

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions.

TSC'S REQUIREMENT: Mandatory

REF. DES.	DATA ELEMENT # AND NAME	ATTRIBUTES (X12)	VALUE & COMMENTS
<u>TSC REQUIREMENTS</u>			
IT101	350 ASSIGNED ID	(O AN 1/20)	Line item number
IT102	358 QUANTITY	C R 1/10 <u>M R 1/10</u>	Number of units invoiced
IT103	355 UNIT OF MEASURE CODE	C ID 2/2 <u>M ID 2/2</u>	*** The UOM must correspond to the UOM on the TSC 850 PO
IT104	212 UNIT PRICE	C R 1/17 <u>M R 1/17</u>	SKU cost price per unit of measure *** Maximum 2 decimal positions
IT106	235 PRODUCT ID QUALIFIER	C ID 2/2 <u>M** ID 2/2</u>	“IN” Buyer’s Item Number (SKU) **If invoice is for a special order (TSC PO number beginning with “8”), there should not be a buyer’s number; therefore, this information may be omitted from the invoice.
IT107	234 PRODUCT ID	C AN 1/48 <u>M** NO 7/7</u>	TSC’S 7 digit SKU number as it was sent on the 850 PO document
IT108	235 PRODUCT ID QUALIFIER	C ID 2/2 <u>M ID 2/2</u>	“VN” Vendor’s (Seller’s item number
IT109	234 PRODUCT ID	C AN 1/48 <u>M AN 1/48</u>	Vendor’s item/part number
IT1010	235 PRODUCT ID QUALIFIER	C ID 2/2 <u>M ID 2/2</u>	“UP” UPC consumer package code (1-5-5-1)
IT1011	234 PRODUCT ID	(C AN 1/48) <u>M NO 12/12</u>	UPC number

PID - PRODUCT/ITEM DESCRIPTION

Purpose: To describe a product.

TSC'S REQUIREMENT: Mandatory unless using a turn-around template

REF. DES.	DATA ELEMENT # AND NAME	ATTRIBUTES (X12)	VALUE & COMMENTS
		<i>TSC REQUIREMENTS</i>	
PID01	349 ITEM DESCRIPTION TYPE	M ID 1/1	"F" Free- form
PID05	352 DESCRIPTION	(C AN 1/80) <u><i>M AN 1/30</i></u>	A free-form description of the item

SAC – SERVICE, PROMOTION, ALLOWANCE, OR CHARGE INFORMATION

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance or charge.

TSC'S REQUIREMENT: Optional

REF. DES.	DATA ELEMENT # AND NAME	ATTRIBUTES	VALUE & COMMENTS
<u>TSC REQUIREMENTS</u>			
SAC01	248 ALLOWANCE OR CHARGE INDICATOR	M ID 1/1	“A” Allowance “C” Charge
SAC02	1300 SERVICE, PROMOTION, ALLOWANCE OR CHARGE CODE	C ID 4/4 <u>M ID 4/4</u>	SEE ATTACHED CODES LIST
SAC05	610 AMOUNT	O N2 1/15 <u>M N2 1/15</u>	
SAC08	118 RATE	O R 1/9	
SAC12	331 ALLOWANCE OR CHARGE METHOD OF HANDLING CODE	O ID 2/2 <u>M ID 2/2</u>	“02” Off Invoice “06” Charge to be paid by Customer

***The SAC05 and SAC08 should always indicate positive values. SAC01 determines whether the amount is added to or deducted from the invoice. If SAC05 and SAC08 are sent, SAC05 will be used for the calculation.

TDS - TOTAL MONETARY VALUE SUMMARY

Purpose: To specify the total invoice discounts and amounts.

Usage: **Mandatory**

REF. DES.	DATA ELEMENT # AND NAME	ATTRIBUTES (X12)	VALUE & COMMENTS
<i>TSC REQUIREMENTS</i>			
TDS01	610	TOTAL INVOICE AMOUNT	M N2 1/15
			Amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).

CAD - CARRIER DETAIL

Purpose: To specify transportation details for the transaction.

TSC'S REQUIREMENTS: Mandatory

REF. DES.	DATA ELEMENT # AND NAME	ATTRIBUTES (X12)	VALUE & COMMENTS
<u>TSC REQUIREMENTS</u>			
CAD01	91 TRANSPORTATION METHOD	(O ID 1/2) <u>M ID 1/2</u>	"A" Air "AE" Air Express "C" Consolidation "CE" Customer Pickup/ "D" Parcel Post "H" Customer Pickup "L" Contract Carrier "M" Motor (Common Carrier) "P" Private Carrier "U" Private Parcel Service
CAD04	140 STANDARD CARRIER ALPHA CODE	C ID 2/4 <u>M ID 2/4</u>	Carrier's SCAC (Standard Carrier Alpha Code) -See NOTE
CAD05	387 ROUTING	C ID 1/35	Free-form description – See NOTE
NOTE: CAD04 is preferred, but if not available, CAD05 is mandatory.			
CAD06	368 SHIPMENT/ORDER STATUS CODE	O ID 2/2 <u>M ID 2/2</u>	"BK" Back Ordered From Previous Order "BP" Shipment Partial, Back Order To Ship "CC" Shipment Complete "CM" Shipment Complete with Additional Quantity "CP" Partial Shipment, Considered No Backorder "CS" Shipment Complete with Substitution "IS" Item Represents Substitution from Original Order "PR" Partial Shipment "SS" Split Shipment
CAD07	128 REFERENCE NUMBER QUALIFIER	(O ID 2/3) <u>M ID 2/2</u>	"BM" Bill of lading # "CN" PRO/Invoice # "08" Carrier Assigned Package ID number
CAD08	127 REFERENCE NUMBER	(C AN 1/30) <u>M AN 1/30</u>	Bill of lading, PRO #, or tracking #

SAC – SERVICE, PROMOTION, ALLOWANCE, OR CHARGE INFORMATION

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance or charge.

TSC'S REQUIREMENT: Optional

REF. DES.	DATA ELEMENT # AND NAME	ATTRIBUTES	VALUE & COMMENTS
<u>TSC REQUIREMENTS</u>			
SAC01	248 ALLOWANCE OR CHARGE INDICATOR	M ID 1/1	“A” Allowance “C” Charge
SAC02	1300 SERVICE, PROMOTION, ALLOWANCE OR CHARGE CODE	C ID 4/4 <u>M ID 4/4</u>	SEE ATTACHED CODES LIST
SAC05	610 AMOUNT	O N2 1/15 <u>M N2 1/15</u>	
SAC12	331 ALLOWANCE OR CHARGE METHOD OF HANDLING CODE	O ID 2/2 <u>M ID 2/2</u>	“02” Off Invoice “06” Charge to be paid by Customer

***The SAC05 should always indicate positive values. SAC01 determines whether the amount is added to or deducted from the invoice.

CTT - TRANSACTION TOTALS

Purpose: To transmit a hash total for a specific element in the transaction set.

Usage: **Mandatory**

REF. DES.	DATA ELEMENT # AND NAME	ATTRIBUTES (X12)	VALUE & COMMENTS
CTT01	354 NUMBER OF LINE ITEMS	M NO 1/6	Total number of line items in the transaction set (total number of IT1 segments)

SE - TRANSACTION SET TRAILER

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

REF. DES.	DATA ELEMENT # AND NAME	ATTRIBUTES (X12)	VALUE & COMMENTS
SE01	96 NUMBER OF INCLUDED SEGMENTS	M N0 1/10	
SE02	329 TRANSACTION SET CONTROL NUMBER	M AN 4/9	Must match ST02 value

GE - FUNCTIONAL GROUP TRAILER

Purpose: To indicate the end of functional group and to provide control information.

REF. DES.	DATA ELEMENT # AND NAME	ATTRIBUTES (X12)	VALUE & COMMENTS
GE01	97 NUMBER OF TRANSACTION SETS	M NO 1/6	Count of number of transaction sets in this group
GE02	28 GROUP CONTROL NUMBER	M NO 1/9	Must match GS06 value

IEA - INTERCHANGE CONTROL TRAILER

Purpose: To define the end of an interchange of one or more functional groups and interchange-related control segments.

REF. DES.	DATA ELEMENT # AND NAME	ATTRIBUTES (X12)	VALUE & COMMENTS
IEA01	I16 NUMBER OF INCLUDED FUNCTIONAL GROUPS	M N0 1/5	Number of GS Segments
IEA02	I12 INTERCHANGE CONTROL NUMBER	M N0 9/9	Must match ISA13 value

**TRACTOR SUPPLY COMPANY
ACCEPTABLE CODES
SPECIAL CHARGES OR ALLOWANCES
(SAC02 data element)**

CODE	DEFINITION
A170	Adjustments
A260	Advertising Allowance
A380	Allowance Advance
B560	Container Allowance
B630	Container/Trailer Allowance
B720	Cooperative Advertising/Merchandising Allowance (Performance)
C000	Defective Allowance
C260	Discount - Incentive
C300	Discount - Special
C310	Discount
C560	Early Ship Allowance
C580	Emergency Service
D240	Freight
D500	Handling
D530	Hazardous Cargo Charge
D980	Insurance
E410	Loading
E740	New Store Allowance
E750	New Store Discount
E760	New Warehouse Discount
E800	No Return Credit Allowance
F170	Pallet Exchange Charge
F180	Pallet
F340	Pick/Up
F800	Promotional Allowance
F810	Promotional Discount
F970	Rebate
G100	Recovery
G170	Redistribution Allowance
G470	Restocking Charge
G660	Scrap Allowance
G830	Shipping and Handling
G870	Shrink Wrap Charge
G970	Small Order Charge
H000	Special Allowance
H390	Stop-Off Charge
I390	Unloading

EXAMPLE - MERCHANDISE INVOICE

ISA*00* *00* *08*xxxxxxxxxx *08*6120930000 *020701*1856*U*00401*000001457*0*P*<

GS*IN*xxxxxxxxxx*6120930000*20020701*1856*1457*X*004010

ST*810*14570001

BIG*20020701*1023456**0006785432

N1*BY**92*0275

ITD*08**2**10**30*****2% 10 NET 30

DTM*011*20020701

FOB*CC

IT1**12*EA*10**IN*2345678*VN*CD-1234*UP*041234567892

PID*F****PREMIUM CAT FOOD 10 LB

SAC*A*A260***1000*****02

IT1**15*RL*3.5**IN*2345555*VN*FT-3333*UP*041235678787

PID*F****LARGE LINK CHAIN

TDS*20750

CAD*M***YFSY**CC*CN*5678912345

SAC*C*D240***7000*****06

SAC*A*F800***2500*****02

CTT*2

SE*17*14570001

GE*1*1457

IEA*1*000001457

EXAMPLE - SPECIAL ORDER MERCHANDISE INVOICE

ISA*00* *00* *08*xxxxxxxxxx *08*6120930000 *020701*1856*U*00401*000001458*0*P*<

GS*IN*xxxxxxxxxx*6120930000*20020701*1856*1458*X*004010

ST*810*14580001

BIG*20020701*1023456**8123456

N1*BY**92*0275

ITD*08**2**10**30*****2% 10 NET 30

DTM*011*20020701

FOB*CC

IT1**12*EA*10****VN*CD-6789*UP*012345678912

PID*F****BLUE BRAND CAT FOOD 5 LB

TDS*12000

CAD*M***YFSY**CC*CN*5387046

CTT*1

SE*12*14580001

GE*1*1458

IEA*1*000001458