Implementation Guidelines
Process Parts Shipment
Repository Version Rev4.5.4

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Process Parts Shipment Guidelines

Overview

This document is a guideline on how to use the Process Parts Shipment Business Object Document (BOD). Process Parts Shipment has been defined in the context of STAR for the Automotive Retail Industry. The scope of this BOD is to define the Process Parts Shipment process for individual consumers who service their automobiles through their OEM's authorized Dealers. The focus is on Dealer and OEM interactions, not third party organizations. NOTE: Although this is the traditional use of the Process Parts Shipment, this BOD could be used to send Process Parts Shipment information between any two business parties.

Implementation Guidelines provide detailed information regarding the structure and meaning of the Process Parts Shipment BOD and corresponds directly to the Process Parts Shipment schema. In addition to structure and meaning, the Implementation Guidelines identify various business rules for specific fields/components that due to their nature, i.e. field interdependence, are not possible to express using schema. Please note that although these business rules are not included in the schema, they **MUST** be followed to be STAR Compliant. Therefore, the Process Parts Shipment Implementation Guidelines must be used in concert with the Process Parts Shipment schema during development and should **NOT** be considered a supplement or substitution to the schema. For more information regarding STAR XML Data Compliance, please review the STAR Data Compliance Guidelines document located on the STAR Web site.

For a copy of the corresponding Process Parts Shipment schema, please download the appropriate STAR schema repository from the XML portion of the STAR website (www.starstandard.org). Prior to downloading the schema, users are encouraged to download the STAR XML Reference/Implementation document also located on the XML portion of the STAR website. This document provides an overview of the STAR BOD development methodology, how to download and read STAR schema, and various frequently asked questions related to the implementation of STAR BODs.

STAR has followed the Open Application Group's Business Object Document methodology to develop the Process Parts Shipment BOD. Where possible, STAR has mapped to existing OAGI fields and components. Note however that the STAR Process Parts Shipment BOD is unique to the Retail Automotive industry and is not an extension of any existing OAGIS BODs.

For more information on the Open Applications Group's BODs and related documentation please refer to the Open Applications Group's Web site at (www.openapplications.org).

Schema Field Usage

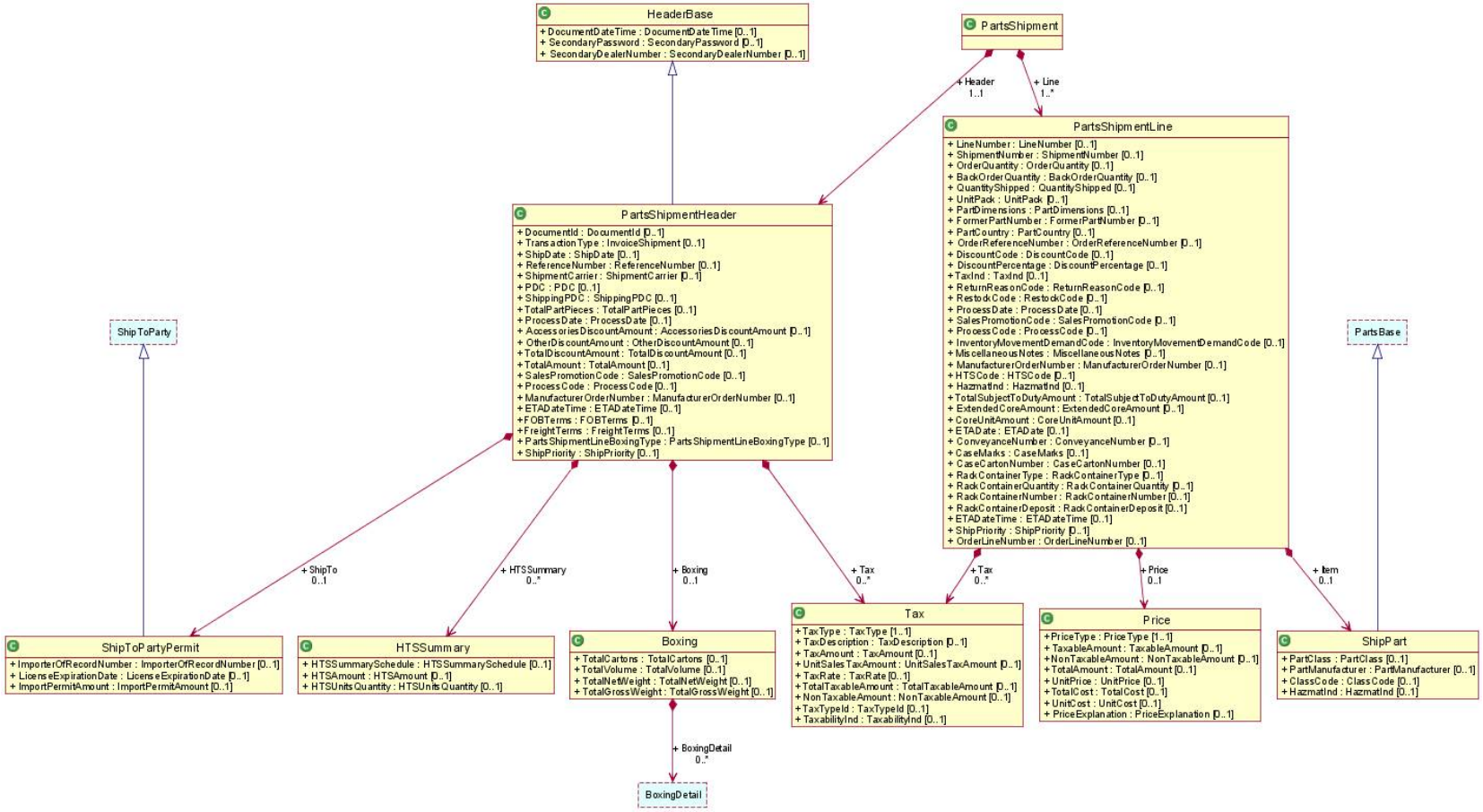
STAR uses the same Noun in the schema for all the Noun/Verb combinations of the Process Parts Shipment except the Get verb. Please refer to each Noun/Verb combination within this document to understand the requirements for each specific BOD. Although the Noun will always have every field defined for the Noun in the schema, each Noun/Verb combination may not use all of the fields. If a field is not used by a BOD, it will be noted in the business rules.

Business Scenario

The Parts Shipment Binary Collaboration is a push of a Parts Shipment from the OEM to the Dealer. (i.e., the OEM sends a Parts Shipment (Process Parts Shipment) BOD to the Dealer.) Note: This scenario is an example of how the Parts Shipment BOD can be used. Implementations may vary.

Relationship Diagram

The following is a representation of the Noun for this BOD. It is a high level overview provided to give an idea of the hierarchy of the Noun's components.



Schema Document Properties

Declared Namespaces

A schema can contain more than one namespace. According to Whatis.com, "In general, a namespace uniquely identifies a set of names so that there is no ambiguity when objects having different origins but the same names are mixed together." An example would be two namespaces that both defined an element called ID, without a namespace it would be impossible to determine which definition was being used.

Prefix	Namespace
Default namespace	http://www.starstandards.org/STAR
xml	http://www.w3.org/XML/1998/namespace
xsd	http://www.w3.org/2001/XMLSchema

Components and Data Types

Global definitions include components, code lists, and data types. Components are used to build the data structures that make up a Noun and it's requirements. Data types specify the type of data that a component's fields may contain. Not all definitions are included in this documentation. Please see either the STAR Code List guideline or Data Type Guidelines for further information.

AccessoriesDiscountAmount

These field(s) use this type: **AccessoriesDiscountAmount.**

Discount Amount for accessories only

Name	**AccessoriesDiscountAmount**
Abstract	**no**

XML Instance Representation

```
<...
currency="Currency [1]">
    Amount
</...>
```

AcknowledgableVerb

Name	**AcknowledgableVerb**
Abstract	**yes**

Attributes

Field / Component	Description	R/O	Business Rule
acknowledge		R	

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Verb		R	
Criteria		O	

XML Instance Representation

```
<...
confirm="ConfirmType [0..1]"
acknowledge="AcknowledgementType [0..1]">
   <Criteria> ActionExpressionCriteria </Criteria> [0..1]
</...>
```

ActionExpressionCriteria

These field(s) use this type: **Criteria.**

Name	**ActionExpressionCriteria**
Abstract	**no**

Attributes

Field / Component	Description	R/O	Business Rule
expressionLanguage		R	

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Expression		R	

XML Instance Representation

```
<...
expressionLanguage="ExpressionLanguage [0..1]">
   <Expression> ... </Expression> [1..*]
```

```
</...>
```

ActionVerb

Name	**ActionVerb**
Abstract	**no**

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Verb		R	
Criteria		O	

XML Instance Representation

```
<...
confirm="ConfirmType [0..1]">
   <Criteria> ActionExpressionCriteria </Criteria> [0..1]
</...>
```

AddressBase

Name	**AddressBase**
Abstract	**no**

Data Elements and Components

Field / Component	Description	R/O	Business Rule
AddressLine	Indicates the multiple lines of an address. The first line is typically the street name and number.	R	
City	Is the City of the Address.	R	
County	County in which the Address is in.	O	

Field / Component	Description	R/O	Business Rule
StateOrProvince	Is the State or Province of a given Address.	R	
Country	Country in which the Address is in.	R	
PostalCode	Postal Code of the Address.	R	

XML Instance Representation

```
<...>
   <AddressLine> AddressLine </AddressLine> [1..*]
   <City> City </City> [1]
   <County> County </County> [0..1]
   <StateOrProvince> StateOrProvince </StateOrProvince> [1]
   <Country> Country </Country> [1]
   <PostalCode> PostalCode </PostalCode> [1]
</...>
```

AlternatePartyId

Name	**AlternatePartyId**
Abstract	**no**

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Id	Alternate Party Identification	R	

XML Instance Representation

```
<...>
   <Id> Id </Id> [1]
</...>
```

Amount

Based on OAGI Amount. Simple content with the currency as an attrbute

Name	Amount
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
currency		R	

XML Instance Representation

```
<...
currency="Currency [1]">
    xsd:decimal
</...>
```

ApplicationArea

These field(s) use this type: **ApplicationArea.**

Name	ApplicationArea
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Sender	Identifies characteristics and control identifiers that relate to the application that created the Business Object Document. The sender area can indicate the logical location of the application and/or database server, the application, and the task that was processing to create the BOD.	R	
CreationDateTime	is the date time stamp that the given instance of the Business Object Document was created. This date must not be modified during the life of the Business Object Document.	R	DateTime fields must be formatted as XML Schema Datetimes in UTC/GMT format without offsets. Example: 2003-11-05T13:15:30Z

Field / Component	Description	R/O	Business Rule
Signature	If the BOD is to be signed the signature element is included, otherwise it is not. Signature supports any digital signature that maybe used by an implementation of OAGIS. The qualifyingAgency identifies the agency that provided the format for the signature. This element supports any digital signature specification that is available today and in the future. This is accomplished by not actually defining the content but by allowing the implementation to specify the digital signature to be used via an external XML Schema namespace declaration. The Signature element is defined to have any content from any other namespace. This allows the user to carry a digital signature in the xml instance of a BOD. The choice of which digital signature to use is left up to the user and their integration needs.	O	Optional. "qualifyingAgency" attribute.
BODId	The BODId provides a place to carry a Globally Unique Identifier (GUID) that will make each Business Object Document instance uniquely identifiable. This is a critical success factor to enable software developers to use the Globally Unique Identifier (GUID) to build the following services or capabilities: 1. Legally binding transactions, 2. Transaction logging, 3. Exception handling, 4. Re-sending, 5. Reporting, 6. Confirmations, 7. Security.	O	
Destination	Information related to the receiver of the BOD	R	

XML Instance Representation

```
<...>
   <Sender> Sender </Sender> [1]
   <CreationDateTime> DateTime </CreationDateTime> [1]
   <Signature> Signature </Signature> [0..1]
   <BODId> Code </BODId> [0..1]
   <Destination> Destination </Destination> [1]
</...>
```

BackOrderQuantity

These field(s) use this type: **BackOrderQuantity.**

Quantity of part on back order

Name	BackOrderQuantity
Abstract	no

XML Instance Representation

```
<...
uom="UOM [1]">
    Quantity
</...>
```

Boxing

These field(s) use this type: **Boxing.**

Name	Boxing
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
TotalCartons	Sum of the total cartons	O	
TotalVolume	Total volume	O	
TotalNetWeight	Total net weight	O	
TotalGrossWeight	Total Gross Weight	O	
BoxingDetail	Detailed boxing information	O	

XML Instance Representation

```
<...>
   <TotalCartons> TotalCartons </TotalCartons> [0..1]
   <TotalVolume> TotalVolume </TotalVolume> [0..1]
   <TotalNetWeight> TotalNetWeight </TotalNetWeight> [0..1]
   <TotalGrossWeight> TotalGrossWeight </TotalGrossWeight> [0..1]
   <BoxingDetail> BoxingDetail </BoxingDetail> [0..*]
```

</...>

BoxingDetail

These field(s) use this type: **BoxingDetail.**

Name	BoxingDetail
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
CasePacking	Type of cartons or cases the material is packed in (e.g., triple wall cardboard)	O	
PalletBoxNumber	Box number on pallet	O	
Volume	Volume	O	
NetWeight	Net Weight	O	
GrossWeight	Gross Weight	O	
BoxTrackingNumber	The tracking number for the individual box as given by the ShipCarrier.	O	
ETADateTime	The date and time the box is expected to arrive. This is a box level override to Header ETADateTime.	O	
ShipPriority	Defines the shipping method and shipping duration for the box. This is a box level override to Header ShipPriority	O	

XML Instance Representation

```
<...>
   <CasePacking> CasePacking </CasePacking> [0..1]
   <PalletBoxNumber> PalletBoxNumber </PalletBoxNumber> [0..1]
   <Volume> Volume </Volume> [0..1]
   <NetWeight> NetWeight </NetWeight> [0..1]
   <GrossWeight> GrossWeight </GrossWeight> [0..1]
   <BoxTrackingNumber> BoxTrackingNumber </BoxTrackingNumber> [0..1]
```

```
   <ETADateTime> ETADateTime </ETADateTime> [0..1]
   <ShipPriority> ShipPriority </ShipPriority> [0..1]
</...>
```

BusinessObjectDocument

Name	**BusinessObjectDocument**
Abstract	**no**

Attributes

Field / Component	Description	R/O	Business Rule
revision	This should contain the STAR repository version in the following recommended format. 4.2.1_M20080416. Where the first part indicates the version of the STAR repository and anything after the _ indicates the Milestone build that is being used. If referring to an official published version then only the STAR Repository version is required.	O	
release	Indicates the OAGIS release that this BOD belongs.	O	
environment	Indicates whether this BOD is being sent in a "Test" or a "Production" mode. If the BOD is being sent in a test mode, it's information should not affect the business operation. However, if the BOD is sent in "Production" mode it is assumed that all test has been complete and the contents of the BOD are to affect the operation of the receiving business application(s).	O	
lang	Indicates the language that the contents of the BOD is in unless otherwise stated.	O	
bodVersion	Deprecated as of STAR 4.2.2. It is recommended to use the revision attribute to identify the repository and the noun. May be removed in a new major version of the STAR repository. Indicates the version number of the BOD.	O	

Data Elements and Components

Field / Component	Description	R/O	Business Rule
ApplicationArea	Provides the information that an application may need to know in order to communicate in an integration of two or more business applications. The ApplicationArea is used at the applications layer of communication. While the integration frameworks web services and middleware provide the communication layer that OAGIS operates on top of. Provides the information that an application may need to know in order to communicate in an integration of two or more business applications. The ApplicationArea is used at the applications layer of communication. While the integration frameworks web services and middleware provide the communication layer that OAGIS operates on top of.	R	

XML Instance Representation

```
<...
revision="Text [0..1]"
release="8.1-Lite [0..1]"
environment="Text [0..1]"
lang="Language [0..1]"
bodVersion="Text [0..1]">
   <ApplicationArea> ... </ApplicationArea> [1]
</...>
```

ConfirmableVerb

Name	**ConfirmableVerb**
Abstract	**no**

Attributes

Field / Component	Description	R/O	Business Rule
confirm		R	

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Verb		R	

XML Instance Representation

```
<...
confirm="ConfirmType [0..1]"/>
```

CoreUnitAmount

These field(s) use this type: **CoreUnitAmount.**

Core value per unit.

Name	**CoreUnitAmount**
Abstract	**no**

XML Instance Representation

```
<...
currency="Currency [1]">
    Amount
</...>
```

Count

Simple quantity type with no attributes

Name	**Count**
Abstract	**no**

XML Instance Representation

```
<...>
    xsd:integer
</...>
```

Description

Description

Name	Description
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
language	The ISO language code that the description is written.	O	

XML Instance Representation

```
<...
language="Language [0..1]">
    xsd:string
</...>
```

Destination

These field(s) use this type: **Destination.**

Name	Destination
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
DestinationNameCode	Code for destination of file (i.e.Short Manufacturer or DSP code)	O	Must use a valid code from the ShortMfg/RSP list on http://www.starstandards.org
DestinationURI	Physical address of the destination	O	

Field / Component	Description	R/O	Business Rule
DestinationSoftwareCode	Additional information about the destination application	O	
DestinationSoftware	For which software destination file is intended (may not be known).	O	
DealerNumber	Target Dealer Code receiving information	O	
StoreNumber	Dealer code store number (DMS assigned)	O	
AreaNumber	Dealer code area number (DMS vendor assigned)	O	
DealerCountry	Target Dealer country location	O	
PartyId	The Party Id field uniquely identifies the Receiver of the message. This element can be used for parties within the Automotive Community as well as external parties. Party Id is not intended as a replacement for the Dealer Number. Suggested formats for OEMs or other large institutions include: DUNs Number, ShortMfgCode + DUNs, or ShortMfgCode. The suggested format for Dealers is: ShortMfgCode+Dealer Number.	O	
LocationId	The Location Id field uniquely identifies the location of the Receiver of a message. This Id may be aligned with a physical address or data centers. This field provides an additional level of granularity beyond the usage of the Party Id for additional routing and deliver of data.	O	
ServiceId	The Service Id field identifies the particular service to which a message is being sent, e.g., an inventory service.	O	

XML Instance Representation

```
<...>
   <DestinationNameCode> ShortMfg </DestinationNameCode> [0..1]
   <DestinationURI> URI </DestinationURI> [0..1]
   <DestinationSoftwareCode> Text </DestinationSoftwareCode> [0..1]
   <DestinationSoftware> Text </DestinationSoftware> [0..1]
   <DealerNumber> PartyId </DealerNumber> [0..1]
   <StoreNumber> Text </StoreNumber> [0..1]
   <AreaNumber> Text </AreaNumber> [0..1]
   <DealerCountry> Country </DealerCountry> [0..1]
   <PartyId> PartyId </PartyId> [0..1]
   <LocationId> LocationId </LocationId> [0..1]
```

```
   <ServiceId> ServiceId </ServiceId> [0..1]
</...>
```

DiscountPercentage

These field(s) use this type: **DiscountPercentage.**

Percentage of discount.

Name	**DiscountPercentage**
Abstract	**no**

XML Instance Representation

```
<...>
   Percent
</...>
```

DocumentId

These field(s) use this type: **DocumentId.**

Is the identifier for the document.

Name	**DocumentId**
Abstract	**no**

XML Instance Representation

```
<...>
   Id
</...>
```

ExtendedCoreAmount

These field(s) use this type: **ExtendedCoreAmount.**

Total core value

Name	ExtendedCoreAmount
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
    Amount
</...>
```

FormerPartNumber

These field(s) use this type: **FormerPartNumber.**

Former part number of substitution or replacement

Name	FormerPartNumber
Abstract	no

XML Instance Representation

```
<...>
    ItemId
</...>
```

GrossWeight

These field(s) use this type: **GrossWeight.**

Gross Weight

Name	GrossWeight
Abstract	no

XML Instance Representation

```
<...
```

```
uom="WeightMeasure [1]">
    Weight
</...>
```

HeaderBase

Used on all STAR BODs

Name	**HeaderBase**
Abstract	**no**

Data Elements and Components

Field / Component	Description	R/O	Business Rule
DocumentDateTime	Is the date and time the document was last created. This is not the date and time that the BOD message instance was created.	O	DateTime fields must be formatted as XML Schema Datetimes in UTC/GMT format without offsets. EX: 2003-11-05T13:15:30Z
SecondaryPassword	Secondary password used to validate access to the dealer information	O	
SecondaryDealerNumber	Identifies secondary dealer number if different than primary "Dealer Number"	O	

XML Instance Representation

```
<...>
   <DocumentDateTime> DocumentDateTime </DocumentDateTime> [0..1]
   <SecondaryPassword> SecondaryPassword </SecondaryPassword> [0..1]
   <SecondaryDealerNumber> SecondaryDealerNumber </SecondaryDealerNumber> [0..1]
</...>
```

HTSAmount

These field(s) use this type: **HTSAmount.**

Total dollar value per harmonized tariff schedule

Name	HTSAmount
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
    Amount
</...>
```

HTSSummary

These field(s) use this type: **HTSSummary.**

Name	HTSSummary
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
HTSSummarySchedule	Harmonized Tariff Schedule (HTS) used in Invoice/Shipment	O	
HTSAmount	Total dollar value per harmonized tariff schedule	O	
HTSUnitsQuantity	Total pieces per harmonized tariff schedule	O	

XML Instance Representation

```
<...>
   <HTSSummarySchedule> HTSSummarySchedule </HTSSummarySchedule> [0..1]
   <HTSAmount> HTSAmount </HTSAmount> [0..1]
   <HTSUnitsQuantity> HTSUnitsQuantity </HTSUnitsQuantity> [0..1]
</...>
```

HTSUnitsQuantity

These field(s) use this type: **HTSUnitsQuantity.**

Total number of persons in household including children

Name	HTSUnitsQuantity
Abstract	no

XML Instance Representation

```
<...>
    Count
</...>
```

Id

These field(s) use this type: **AuthorizationId,Id.**

Party Identification number

Name	Id
Abstract	no

XML Instance Representation

```
<...>
    xsd:string
</...>
```

ImportPermitAmount

These field(s) use this type: **ImportPermitAmount.**

Dollar value of import permit

Name	ImportPermitAmount
Abstract	no

XML Instance Representation

```
<...
```

```
currency="Currency [1]">
    Amount
</...>
```

ItemId

These field(s) use this type: **ItemId.**

Item part number

Name	**ItemId**
Abstract	**no**

XML Instance Representation

```
<...>
    Id
</...>
```

ItemIdDescription

These field(s) use this type: **ItemIdDescription.**

Item part number detail description

Name	**ItemIdDescription**
Abstract	**no**

XML Instance Representation

```
<...
language="Language [0..1]">
    Description
</...>
```

LocationId

These field(s) use this type: **LocationId,LocationId,LocationId.**

Code identifying a physical location

Name	LocationId
Abstract	no

XML Instance Representation

```
<...>
    Id
</...>
```

NetWeight

These field(s) use this type: **NetWeight.**

Net Weight

Name	NetWeight
Abstract	no

XML Instance Representation

```
<...
uom="WeightMeasure [1]">
    Weight
</...>
```

NonTaxableAmount

These field(s) use this type: **NonTaxableAmount,NonTaxableAmount.**

Total non-taxable price.

Name	NonTaxableAmount
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
    Amount
</...>
```

OrderQuantity

These field(s) use this type: **OrderQuantity.**

Indicates the number of ordered items.

Name	**OrderQuantity**
Abstract	**no**

XML Instance Representation

```
<...
uom="UOM [1]">
    Quantity
</...>
```

OrganizationAddress

These field(s) use this type: **Address.**

Name	**OrganizationAddress**
Abstract	**no**

Data Elements and Components

Field / Component	Description	R/O	Business Rule
AddressLine	Indicates the multiple lines of an address. The first line is typically the street name and number.	R	
City	Is the City of the Address.	R	
County	County in which the Address is in.	O	

Field / Component	Description	R/O	Business Rule
StateOrProvince	Is the State or Province of a given Address.	R	
Country	Country in which the Address is in.	R	
PostalCode	Postal Code of the Address.	R	
UrbanizationCode	Geographic definition of a metropolitan or suburban area	O	

XML Instance Representation

```
<...>
   <AddressLine> AddressLine </AddressLine> [1..*]
   <City> City </City> [1]
   <County> County </County> [0..1]
   <StateOrProvince> StateOrProvince </StateOrProvince> [1]
   <Country> Country </Country> [1]
   <PostalCode> PostalCode </PostalCode> [1]
   <UrbanizationCode> UrbanizationCode </UrbanizationCode> [0..1]
</...>
```

OrganizationalPartyAlternatePartyId

These field(s) use this type: **AlternatePartyIds.**

Name	**OrganizationalPartyAlternatePartyId**
Abstract	**no**

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Id	Alternate Party Identification	R	
AssigningPartyId	Agency or entity that validates the Party Id	R	
IssuingState	Indicates that State where the license was issued.	O	

Field / Component	Description	R/O	Business Rule
ExpirationDate	Expiration date of the alternate party id (e.g., Driver's License expiration date).	O	

XML Instance Representation

```
<...>
   <Id> Id </Id> [1]
   <AssigningPartyId> AssigningOrganizationPartyId </AssigningPartyId> [1]
   <IssuingState> IssuingState </IssuingState> [0..1]
   <ExpirationDate> ExpirationDate </ExpirationDate> [0..1]
</...>
```

OrganizationPartyBase

Name	**OrganizationPartyBase**
Abstract	**no**

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
AlternatePartyIds	Alternate organizational party Identification	O	
Name	Company name of organizational party	O	
Address	Organizational Party address	O	
DBAName	Doing Business As name.	O	

XML Instance Representation

```
<...>
   <PartyId> PartyId </PartyId> [0..1]
   <AlternatePartyIds> OrganizationalPartyAlternatePartyId </AlternatePartyIds> [0..*]
   <Name> CompanyName </Name> [0..1]
```

```
   <Address> OrganizationAddress </Address> [0..1]
   <DBAName> DBAName </DBAName> [0..1]
</...>
```

OtherDiscountAmount

These field(s) use this type: **OtherDiscountAmount.**

Discount amount for miscellaneous only

Name	**OtherDiscountAmount**
Abstract	**no**

XML Instance Representation

```
<...
currency="Currency [1]">
    Amount
</...>
```

PartManufacturer

These field(s) use this type: **PartManufacturer.**

Identifes the part manufacturer.

Name	**PartManufacturer**
Abstract	**no**

XML Instance Representation

```
<...
language="Language [0..1]">
    Description
</...>
```

PartsBase

Name	PartsBase
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
ItemId	Item part number identifier	O	
ItemIdDescription	Item part number detail description	O	
PartType	Specifies whether the parts are indicated by manufacturer part code or Part Number	O	
SupplierItemId	Supplier identification of part on order.	O	

XML Instance Representation

```
<...>
   <ItemId> ItemId </ItemId> [0..1]
   <ItemIdDescription> ItemIdDescription </ItemIdDescription> [0..1]
   <PartType> PartType </PartType> [0..1]
   <SupplierItemId> SupplierItemId </SupplierItemId> [0..1]
</...>
```

PartsShipment

These field(s) use this type: **PartsShipment.**

STAR Version 3.0 - Draft

STAR Version 2.1, STAR approved 04/20/2005; effective date 07/04/2005

STAR Version 2.0, STAR approved 05/07/2004; effective date 07/04/2004

STAR Version 1.0 STAR approved 01/10/2003; OAGI approved 3/15/2003; effective date 01/01/2003

Name	PartsShipment
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Header		R	
Line		R	

XML Instance Representation

```
<...>
   <Header> ... </Header> [1]
   <Line> ... </Line> [1..*]
</...>
```

PartsShipmentHeader

These field(s) use this type: **Header.**

Name	**PartsShipmentHeader**
Abstract	**no**

Data Elements and Components

Field / Component	Description	R/O	Business Rule
DocumentDateTime	Is the date and time the document was last created. This is not the date and time that the BOD message instance was created.	O	DateTime fields must be formatted as XML Schema Datetimes in UTC/GMT format without offsets. EX: 2003-11-05T13:15:30Z
SecondaryPassword	Secondary password used to validate access to the dealer information	O	
SecondaryDealerNumber	Identifies secondary dealer number if different than primary "Dealer Number"	O	
DocumentId	Manufacturer-assigned shipment number given at the time of shipment	O	
TransactionType	Shipment type	O	

Process Parts Shipment

Field / Component	Description	R/O	Business Rule
ShipDate	Parts shipping date	O	In YYYY-MM-DD format.
ReferenceNumber	Dealer-assigned order number for this Shipment	O	
ShipmentCarrier	Carrier used for delivery of part order	O	
PDC	Dealerâ##s regular Parts Distribution Center (PDC)	O	
ShippingPDC	Parts Distribution Center (PDC) for this shipment.	O	
TotalPartPieces	Sum of all pieces in all parts in the Shipment	O	
ProcessDate	Pick and pack date of order/shipment	O	In YYYY-MM-DD format.
AccessoriesDiscountAmount	Discount Amount for accessories only	O	
OtherDiscountAmount	Discount amount for miscellaneous only.	O	
TotalDiscountAmount	Total discounts	O	
Tax	Tax information associated with the Shipment	O	Values: Total
TotalAmount	Grand total of Shipment	O	
SalesPromotionCode	Sales promotion code on invoice, if any.	O	
ProcessCode	Code designating how the order was shipped (i.e., Overnight).	O	
ManufacturerOrderNumber	Manufacturer-assigned order number	O	
ETADateTime	Estimated date and time the shipment is expected to arrive	O	DateTime fields must be formatted as XML Schema Datetimes in UTC/GMT format without offsets. EX: 2003-11-05T13:15:30Z
FOBTerms	Transit Ownership terms	O	
FreightTerms	Designates who pays freight - - Collect / Prepaid	O	
ShipTo	Ship To	O	

Field / Component	Description	R/O	Business Rule
HTSSummary	Harmonized Tariff Schedule Summary	O	
Boxing	Shipment Boxing	O	
PartsShipmentLineBoxingType	Identifies how the BOD is intended to be interpreted by the receiver. Specifically, indicates whether boxing detail is present and, if so, whether each Line item in the shipment is within a specific box.	O	
ShipPriority	Defines the shipping method and shipping duration.	O	

XML Instance Representation

```
<...>
   <DocumentDateTime> DocumentDateTime </DocumentDateTime> [0..1]
   <SecondaryPassword> SecondaryPassword </SecondaryPassword> [0..1]
   <SecondaryDealerNumber> SecondaryDealerNumber </SecondaryDealerNumber> [0..1]
   <DocumentId> DocumentId </DocumentId> [0..1]
   <TransactionType> InvoiceShipment </TransactionType> [0..1]
   <ShipDate> ShipDate </ShipDate> [0..1]
   <ReferenceNumber> ReferenceNumber </ReferenceNumber> [0..1]
   <ShipmentCarrier> ShipmentCarrier </ShipmentCarrier> [0..1]
   <PDC> PDC </PDC> [0..1]
   <ShippingPDC> ShippingPDC </ShippingPDC> [0..1]
   <TotalPartPieces> TotalPartPieces </TotalPartPieces> [0..1]
   <ProcessDate> ProcessDate </ProcessDate> [0..1]
   <AccessoriesDiscountAmount> AccessoriesDiscountAmount </AccessoriesDiscountAmount> [0..1]
   <OtherDiscountAmount> OtherDiscountAmount </OtherDiscountAmount> [0..1]
   <TotalDiscountAmount> TotalDiscountAmount </TotalDiscountAmount> [0..1]
   <Tax> Tax </Tax> [0..*]
   <TotalAmount> TotalAmount </TotalAmount> [0..1]
   <SalesPromotionCode> SalesPromotionCode </SalesPromotionCode> [0..1]
   <ProcessCode> ProcessCode </ProcessCode> [0..1]
   <ManufacturerOrderNumber> ManufacturerOrderNumber </ManufacturerOrderNumber> [0..1]
   <ETADateTime> ETADateTime </ETADateTime> [0..1]
   <FOBTerms> FOBTerms </FOBTerms> [0..1]
   <FreightTerms> FreightTerms </FreightTerms> [0..1]
   <ShipTo> ShipToPartyPermit </ShipTo> [0..1]
```

```
   <HTSSummary> HTSSummary </HTSSummary> [0..*]
   <Boxing> Boxing </Boxing> [0..1]
   <PartsShipmentLineBoxingType> PartsShipmentLineBoxingType </PartsShipmentLineBoxingType> [0..1]
   <ShipPriority> ShipPriority </ShipPriority> [0..1]
</...>
```

PartsShipmentLine

These field(s) use this type: **Line.**

.

Name	**PartsShipmentLine**
Abstract	**no**

Data Elements and Components

Field / Component	Description	R/O	Business Rule
LineNumber	This references the line in the Invoice document. Item designator other than part number (i.e., line item number of the order/shipment)	O	
ShipmentNumber	Manufacturer-assigned shipment number given at the time of shipment	O	
Item	Information about the item	O	
OrderQuantity	Quantity of part ordered	O	
BackOrderQuantity	Quantity of part on back order	O	
QuantityShipped	Quantity of part shipped	O	
UnitPack	Package quantity of part (number of units in each selling package)	O	
PartDimensions	Indicates the dimensions of a part, such as the length and width of a piece of cloth or leather	O	
FormerPartNumber	Former part number of substitution or replacement	O	
PartCountry	Indicates part country name or country code	O	
Price	Information about the item	O	

Process Parts Shipment

Field / Component	Description	R/O	Business Rule
OrderReferenceNumber	Original order number for line item	O	
DiscountCode	Discount or pricing code	O	
DiscountPercentage	Percentage of discount.	O	
TaxInd	Indicates whether or not tax applies to part	O	
Tax	Tax information associated with the line	O	
ReturnReasonCode	Designates the reason the line item part was returned (i.e., shortage, error, quality problem, cores return, obsolete, etc.)	O	
RestockCode	Code for restocking item (i.e., manufacturer product division)	O	
ProcessDate	Pick and pack date of individual line item in order/shipment	O	
SalesPromotionCode	Sales promotion code on invoice/shipment for the line item if different from the header promotion code	O	
ProcessCode	Code designating how the line item on the order was shipped if different from header process code	O	
InventoryMovementDemandCode	Code designating the inventory rate at which item turns (e.g., A, B, C, etc.)	O	
MiscellaneousNotes	Free form miscellaneous comments	O	
ManufacturerOrderNumber	Manufacturer-assigned order number	O	
HTSCode	Harmonized tariff schedule code	O	
HazmatInd	Indicates whether this part the dealer is ordering is considered a Hazardous Material (e.g., air bag)	O	
TotalSubjectToDutyAmount	Subtotal including discount less core	O	
ExtendedCoreAmount	Total core value	O	
CoreUnitAmount	Core value per unit.	O	
ETADate	Estimated time the shipment is expected to arrive	O	
ConveyanceNumber	Shipping container number	O	

Field / Component	Description	R/O	Business Rule
CaseMarks	Free form text for mandatory case identification	O	
CaseCartonNumber	Case number in shipment	O	
RackContainerType	Type of rack or container used to hold parts, boxes, cases, etc	O	
RackContainerQuantity	Identifies the quantity count of racks or containers	O	
RackContainerNumber	Number of rack or container â## may be serialized.	O	
RackContainerDeposit	Deposit amount for a Rack or Container	O	
ETADateTime	Estimated date and time the shipment is expected to arrive	O	
ShipPriority	The parts shipping priority. Used as a line level overrideto the ShipPriority in the Header.	O	
OrderLineNumber	The line number of the dealerâ##s order identified by OrderReferenceNumber for which Item identifies the part as being shipped.	O	

XML Instance Representation

```
<...>
   <LineNumber> LineNumber </LineNumber> [0..1]
   <ShipmentNumber> ShipmentNumber </ShipmentNumber> [0..1]
   <Item> ShipPart </Item> [0..1]
   <OrderQuantity> OrderQuantity </OrderQuantity> [0..1]
   <BackOrderQuantity> BackOrderQuantity </BackOrderQuantity> [0..1]
   <QuantityShipped> QuantityShipped </QuantityShipped> [0..1]
   <UnitPack> UnitPack </UnitPack> [0..1]
   <PartDimensions> PartDimensions </PartDimensions> [0..1]
   <FormerPartNumber> FormerPartNumber </FormerPartNumber> [0..1]
   <PartCountry> PartCountry </PartCountry> [0..1]
   <Price> Price </Price> [0..1]
   <OrderReferenceNumber> OrderReferenceNumber </OrderReferenceNumber> [0..1]
   <DiscountCode> DiscountCode </DiscountCode> [0..1]
   <DiscountPercentage> DiscountPercentage </DiscountPercentage> [0..1]
   <TaxInd> TaxInd </TaxInd> [0..1]
```

```
   <Tax> Tax </Tax> [0..*]
   <ReturnReasonCode> ReturnReasonCode </ReturnReasonCode> [0..1]
   <RestockCode> RestockCode </RestockCode> [0..1]
   <ProcessDate> ProcessDate </ProcessDate> [0..1]
   <SalesPromotionCode> SalesPromotionCode </SalesPromotionCode> [0..1]
   <ProcessCode> ProcessCode </ProcessCode> [0..1]
   <InventoryMovementDemandCode> InventoryMovementDemandCode </InventoryMovementDemandCode> [0..1]
   <MiscellaneousNotes> MiscellaneousNotes </MiscellaneousNotes> [0..1]
   <ManufacturerOrderNumber> ManufacturerOrderNumber </ManufacturerOrderNumber> [0..1]
   <HTSCode> HTSCode </HTSCode> [0..1]
   <HazmatInd> HazmatInd </HazmatInd> [0..1]
   <TotalSubjectToDutyAmount> TotalSubjectToDutyAmount </TotalSubjectToDutyAmount> [0..1]
   <ExtendedCoreAmount> ExtendedCoreAmount </ExtendedCoreAmount> [0..1]
   <CoreUnitAmount> CoreUnitAmount </CoreUnitAmount> [0..1]
   <ETADate> ETADate </ETADate> [0..1]
   <ConveyanceNumber> ConveyanceNumber </ConveyanceNumber> [0..1]
   <CaseMarks> CaseMarks </CaseMarks> [0..1]
   <CaseCartonNumber> CaseCartonNumber </CaseCartonNumber> [0..1]
   <RackContainerType> RackContainerType </RackContainerType> [0..1]
   <RackContainerQuantity> RackContainerQuantity </RackContainerQuantity> [0..1]
   <RackContainerNumber> RackContainerNumber </RackContainerNumber> [0..1]
   <RackContainerDeposit> RackContainerDeposit </RackContainerDeposit> [0..1]
   <ETADateTime> ETADateTime </ETADateTime> [0..1]
   <ShipPriority> ShipPriority </ShipPriority> [0..1]
   <OrderLineNumber> OrderLineNumber </OrderLineNumber> [0..1]
</...>
```

PartyBase

Derived from oa:Party

Name	PartyBase
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	

XML Instance Representation

```
<...>
   <PartyId> PartyId </PartyId> [0..1]
</...>
```

PartyId

These field(s) use this type: **DealerNumber,PartyId,DealerNumber,PartyId,PartyId.**

Party Identification Number

Name	**PartyId**
Abstract	**no**

XML Instance Representation

```
<...>
   Id
</...>
```

PDC

These field(s) use this type: **PDC.**

Parts distribution center.

Name	**PDC**
Abstract	**no**

XML Instance Representation

```
<...
language="Language [0..1]">
   Description
```

```
</...>
```

Percent

Percent

Name	Percent
Abstract	no

XML Instance Representation

```
<...>
    xsd:decimal
</...>
```

Price

These field(s) use this type: **Price.**

Name	Price
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PriceType	Identifies the price type	R	
TaxableAmount	Total Taxable Price	O	
NonTaxableAmount	Total non-taxable price.	O	
TotalAmount	Total price (cost + markup)	O	
UnitPrice	UnitPrice	O	
TotalCost	Value at unit cost times quantity	O	
UnitCost	Cost at inventory value	O	

Field / Component	Description	R/O	Business Rule
PriceExplanation	Explanatory Note for Pricing	O	

XML Instance Representation

```
<...>
   <PriceType> PriceType </PriceType> [1]
   <TaxableAmount> TaxableAmount </TaxableAmount> [0..1]
   <NonTaxableAmount> NonTaxableAmount </NonTaxableAmount> [0..1]
   <TotalAmount> TotalAmount </TotalAmount> [0..1]
   <UnitPrice> UnitPrice </UnitPrice> [0..1]
   <TotalCost> TotalCost </TotalCost> [0..1]
   <UnitCost> UnitCost </UnitCost> [0..1]
   <PriceExplanation> PriceExplanation </PriceExplanation> [0..1]
</...>
```

Process

These field(s) use this type: **Process.**

Name	**Process**
Abstract	**no**

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Verb		R	
Criteria		O	

XML Instance Representation

```
<...
confirm="ConfirmType [0..1]"
acknowledge="AcknowledgementType [0..1]">
   <Criteria> ActionExpressionCriteria </Criteria> [0..1]
```

</...>

ProcessPartsShipment

These field(s) use this type: **ProcessPartsShipment.**

Name	**ProcessPartsShipment**
Abstract	**no**

Data Elements and Components

Field / Component	Description	R/O	Business Rule
ApplicationArea	Provides the information that an application may need to know in order to communicate in an integration of two or more business applications. The ApplicationArea is used at the applications layer of communication. While the integration frameworks web services and middleware provide the communication layer that OAGIS operates on top of. Provides the information that an application may need to know in order to communicate in an integration of two or more business applications. The ApplicationArea is used at the applications layer of communication. While the integration frameworks web services and middleware provide the communication layer that OAGIS operates on top of.	R	
DataArea		R	

XML Instance Representation

```
<...
revision="Text [0..1]"
release="8.1-Lite [0..1]"
environment="Text [0..1]"
lang="Language [0..1]"
bodVersion="Text [0..1]">
   <ApplicationArea> ... </ApplicationArea> [1]
   <DataArea> ProcessPartsShipmentDataArea </DataArea> [1]
</...>
```

ProcessPartsShipmentDataArea

These field(s) use this type: **DataArea.**

Name	**ProcessPartsShipmentDataArea**
Abstract	**no**

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Process	The Process verb is used to request processing of the associated noun by the receiving application or business to party. In a typical external exchange scenario a Process BOD is considered to be a legally binding message. For example, if a customer sends a ProcessPurchaseOrder BOD to a supplier and the supplier acknowlegdes with a positive AcknowledgePurchaseOrder, then the customer is obligated to fullfil the agreement, unless of course other BODs are allowed to cancel or change the original order.	R	
PartsShipment		R	

XML Instance Representation

```
<...>
   <Process> ... </Process> [1]
   <PartsShipment> ... </PartsShipment> [1..*]
</...>
```

Quantity

A decimal value with uom

Name	**Quantity**
Abstract	**no**

Attributes

Field / Component	Description	R/O	Business Rule
uom		R	

XML Instance Representation

```
<...
uom="UOM [1]">
    xsd:decimal
</...>
```

QuantityShipped

These field(s) use this type: **QuantityShipped.**

The quantity shipped

Name	**QuantityShipped**
Abstract	**no**

XML Instance Representation

```
<...
uom="UOM [1]">
    Quantity
</...>
```

RackContainerDeposit

These field(s) use this type: **RackContainerDeposit.**

Deposit amount for a Rack or Container

Name	**RackContainerDeposit**
Abstract	**no**

XML Instance Representation

```
<...
currency="Currency [1]">
    Amount
</...>
```

RackContainerQuantity

These field(s) use this type: **RackContainerQuantity.**

Identifies the quantity count of racks or containers

Name	**RackContainerQuantity**
Abstract	**no**

XML Instance Representation

```
<...>
    Count
</...>
```

ReturnReasonCode

These field(s) use this type: **ReturnReasonCode.**

Designates the reason the line item part was returned (i.e., shortage, error, quality problem, cores return, obsolete, etc.).

Name	**ReturnReasonCode**
Abstract	**no**

XML Instance Representation

```
<...
language="Language [0..1]">
    Description
</...>
```

SecondaryDealerNumber

These field(s) use this type: **SecondaryDealerNumber.**

Identifies secondary dealer number if different than primary "Dealer Number"

Name	**SecondaryDealerNumber**
Abstract	**no**

XML Instance Representation

```
<...>
    Id
</...>
```

Sender

These field(s) use this type: **Sender.**

Name	**Sender**
Abstract	**no**

Data Elements and Components

Field / Component	Description	R/O	Business Rule
LogicalId	Provides the logical location of the server and applications from which the Business Object Document originated. It can be used to establish a logical to physical mapping, however its use is optional. Each system or combination of systems should maintain an external central reference table containing the logical names or logical addresses of the application systems in the integration configuration. This enables the logical names to be mapped to the physical network addresses of the resources needed on the network. Note: The technical implementation of this Domain Naming Service is not dictated by this specification. This logical to physical mapping may be done at execution time by the application itself or by a middleware transport mechanism, depending on the integration architecture used. This provides for a simple but effective directory access capability while maintaining application independence from the physical location of those resources on the network	O	

Field / Component	Description	R/O	Business Rule
Component	Provides a finer level of control than Logical Identifier and represents the business application that issued the Business Object Document. Its use is optional. For STAR's use this is the DCS Software code name	R	
Task	Describes the business event that initiated the need for the Business Object Document to be created. For STAR, the task is defined in the Implementation Guidelines for each BOD. It is usually a short description of the BOD. Ex: SalesLead, CreditDecision, etc.	R	
ReferenceId	Enables the sending application to indicate the instance identifier of the event or task that caused the BOD to be created. This is used to correlate a response BOD to an originating BOD	O	
AuthorizationId	Identifyies the authorization level of the user or application that is sending the Business Object Document Message. This authorization level being recognized be the receiving system indicates what can be done on the receiving system. For STAR, this is the User ID.	O	
CreatorNameCode	DCS Software Creator Code	R	
SenderNameCode	Additional information about the sending platform (i.e., Short MFG or DSP code).	R	Must use a valid code from the ShortMfg/RSP list on http://www.starstandards.org
SenderURI	Physical address of the sender	O	
DealerNumber	Dealer Code of source of information	O	Dealer Number is Required if originating from DMS.
StoreNumber	Dealer code store number (DMS assigned)	O	
AreaNumber	Dealer code area number (DMS vendor assigned)	O	
DealerCountry	Source Dealer country location	O	
Language	This code is used to define the language of the data used in this transaction	O	

Field / Component	Description	R/O	Business Rule
DeliverPendingMailInd	Indicates if the user requests to receive pending mail that has been stored and has yet not been delivered yet. By selecting 0, the user will only receive the response for the current transaction the user is performing.	O	1 - Receive Pending Mail. 0 - Do not receive pending mail.
Password	Token for application specific authentication. Used to authenticate dealership/users through application specific security	O	
SystemVersion	The sender's software version number.	O	
PartyId	The Party Id field uniquely identifies the Sender of the message. This element can be used for parties within the Automotive Community as well as external parties. Party Id is not intended as a replacement for the Dealer Number. Suggested formats for OEMs or other large institutions include: DUNs Number, ShortMfgCode + DUNs, or ShortMfgCode. The suggested format for Dealers is: ShortMfgCode+Dealer Number.	O	
LocationId	The Location Id field uniquely identifies the location of the Sender of a message. This Id may be aligned with a physical address or data centers. This field provides an additional level of granularity beyond the usage of the Party Id for additional routing and deliver of data.	O	
ServiceId	The Service Id field identifies the particular service from which a message is being sent, e.g., an inventory service.	O	

XML Instance Representation

```
<...>
   <LogicalId> Text </LogicalId> [0..1]
   <Component> Text </Component> [1]
   <Task> Text </Task> [1]
   <ReferenceId> Reference </ReferenceId> [0..1]
   <AuthorizationId> Id </AuthorizationId> [0..1]
   <CreatorNameCode> Text </CreatorNameCode> [1]
   <SenderNameCode> ShortMfg </SenderNameCode> [1]
   <SenderURI> URI </SenderURI> [0..1]
   <DealerNumber> PartyId </DealerNumber> [0..1]
   <StoreNumber> Text </StoreNumber> [0..1]
   <AreaNumber> Text </AreaNumber> [0..1]
   <DealerCountry> Country </DealerCountry> [0..1]
```

```
   <Language> Language </Language> [0..1]
   <DeliverPendingMailInd> Indicator </DeliverPendingMailInd> [0..1]
   <Password> Text </Password> [0..1]
   <SystemVersion> SystemVersion </SystemVersion> [0..1]
   <PartyId> PartyId </PartyId> [0..1]
   <LocationId> LocationId </LocationId> [0..1]
   <ServiceId> ServiceId </ServiceId> [0..1]
</...>
```

SenderBase

Name	**SenderBase**
Abstract	**no**

Data Elements and Components

Field / Component	Description	R/O	Business Rule
LogicalId	Provides the logical location of the server and applications from which the Business Object Document originated. It can be used to establish a logical to physical mapping, however its use is optional. Each system or combination of systems should maintain an external central reference table containing the logical names or logical addresses of the application systems in the integration configuration. This enables the logical names to be mapped to the physical network addresses of the resources needed on the network. Note: The technical implementation of this Domain Naming Service is not dictated by this specification. This logical to physical mapping may be done at execution time by the application itself or by a middleware transport mechanism, depending on the integration architecture used. This provides for a simple but effective directory access capability while maintaining application independence from the physical location of those resources on the network	O	
Component	Provides a finer level of control than Logical Identifier and represents the business application that issued the Business Object Document. Its use is optional. For STAR's use this is the DCS Software code name	R	

Field / Component	Description	R/O	Business Rule
Task	Describes the business event that initiated the need for the Business Object Document to be created. For STAR, the task is defined in the Implementation Guidelines for each BOD. It is usually a short description of the BOD. Ex: SalesLead, CreditDecision, etc.	R	
ReferenceId	Enables the sending application to indicate the instance identifier of the event or task that caused the BOD to be created. This is used to correlate a response BOD to an originating BOD	O	
AuthorizationId	Identifyies the authorization level of the user or application that is sending the Business Object Document Message. This authorization level being recognized be the receiving system indicates what can be done on the receiving system. For STAR, this is the User ID.	O	

XML Instance Representation

```
<...>
   <LogicalId> Text </LogicalId> [0..1]
   <Component> Text </Component> [1]
   <Task> Text </Task> [1]
   <ReferenceId> Reference </ReferenceId> [0..1]
   <AuthorizationId> Id </AuthorizationId> [0..1]
</...>
```

ServiceId

These field(s) use this type: **ServiceId,ServiceId.**

The Service Id field identifies the particular service to or from which a message is being sent, e.g., an inventory service.

Name	**ServiceId**
Abstract	**no**

XML Instance Representation

```
<...>
    Id
</...>
```

ShipPart

These field(s) use this type: **Item.**

Name	ShipPart
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
ItemId	Item part number identifier	O	
ItemIdDescription	Item part number detail description	O	
PartType	Specifies whether the parts are indicated by manufacturer part code or Part Number	O	
SupplierItemId	Supplier identification of part on order.	O	
PartClass	Gifts, literature, keys, regular parts Ã#Â¢Â#Â# Inventory Class code (if any) used in DMS system.	O	
PartManufacturer	Identifes the part manufacturer	O	
ClassCode	Identifies class of part (i.e., accessories, replacement, etc.)	O	
HazmatInd	Indicates whether this part is considered a hazardous material (e.g., air bag).	O	

XML Instance Representation

```
<...>
   <ItemId> ItemId </ItemId> [0..1]
   <ItemIdDescription> ItemIdDescription </ItemIdDescription> [0..1]
   <PartType> PartType </PartType> [0..1]
   <SupplierItemId> SupplierItemId </SupplierItemId> [0..1]
   <PartClass> PartClass </PartClass> [0..1]
   <PartManufacturer> PartManufacturer </PartManufacturer> [0..1]
```

```
   <ClassCode> ClassCode </ClassCode> [0..1]
   <HazmatInd> HazmatInd </HazmatInd> [0..1]
</...>
```

ShippingPDC

These field(s) use this type: **ShippingPDC.**

Parts Distribution Center (PDC) for shipment

Name	**ShippingPDC**
Abstract	**no**

XML Instance Representation

```
<...
language="Language [0..1]">
    Description
</...>
```

ShipToParty

Name	**ShipToParty**
Abstract	**no**

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
AlternatePartyIds	Alternate organizational party Identification	O	
Name	Company name of organizational party	O	
Address	Organizational Party address	O	
DBAName	Doing Business As name.	O	

Field / Component	Description	R/O	Business Rule
LocationId	Code identifying the physical location of a dealer.	O	

XML Instance Representation

```
<...>
   <PartyId> PartyId </PartyId> [0..1]
   <AlternatePartyIds> OrganizationalPartyAlternatePartyId </AlternatePartyIds> [0..*]
   <Name> CompanyName </Name> [0..1]
   <Address> OrganizationAddress </Address> [0..1]
   <DBAName> DBAName </DBAName> [0..1]
   <LocationId> LocationId </LocationId> [0..1]
</...>
```

ShipToPartyPermit

These field(s) use this type: **ShipTo.**

Name	**ShipToPartyPermit**
Abstract	**no**

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
AlternatePartyIds	Alternate organizational party Identification	O	
Name	Company name of organizational party	O	
Address	Organizational Party address	O	
DBAName	Doing Business As name.	O	
LocationId	Code identifying the physical location of a dealer.	O	
ImporterOfRecordNumber	Import license number.	O	

Field / Component	Description	R/O	Business Rule
LicenseExpirationDate	Expiration date of import permit	O	
ImportPermitAmount	Dollar value of import permit.	O	

XML Instance Representation

```
<...>
   <PartyId> PartyId </PartyId> [0..1]
   <AlternatePartyIds> OrganizationalPartyAlternatePartyId </AlternatePartyIds> [0..*]
   <Name> CompanyName </Name> [0..1]
   <Address> OrganizationAddress </Address> [0..1]
   <DBAName> DBAName </DBAName> [0..1]
   <LocationId> LocationId </LocationId> [0..1]
   <ImporterOfRecordNumber> ImporterOfRecordNumber </ImporterOfRecordNumber> [0..1]
   <LicenseExpirationDate> LicenseExpirationDate </LicenseExpirationDate> [0..1]
   <ImportPermitAmount> ImportPermitAmount </ImportPermitAmount> [0..1]
</...>
```

Signature

These field(s) use this type: **Signature.**

Name	**Signature**
Abstract	**no**

Attributes

Field / Component	Description	R/O	Business Rule
qualifyingAgency		O	

Data Elements and Components

Field / Component	Description	R/O	Business Rule

XML Instance Representation

```
<...
qualifyingAgency="Text [0..1]">
Allow any elements from any namespace (strict validation). [0..1]
</...>
```

SupplierItemId

These field(s) use this type: **SupplierItemId.**

Supplier identification of part on order.

Name	SupplierItemId
Abstract	no

XML Instance Representation

```
<...>
    ItemId
</...>
```

Tax

These field(s) use this type: **Tax,Tax.**

Name	Tax
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
TaxType	Identifies the type tax.	R	Values: Amount, Total
TaxDescription	Free form text description of tax amount.	O	
TaxAmount	Actual amount of tax paid.	O	

Field / Component	Description	R/O	Business Rule
UnitSalesTaxAmount	Unit amount of sales tax.	O	
TaxRate	Tax Percentage Rate	O	
TotalTaxableAmount	Total taxble price	O	
NonTaxableAmount	Total non-taxble price	O	
TaxTypeId	Tax type identification	O	
TaxabilityInd	Determines whether the dealer wants to claim tax on the cost.	O	Values: 1 - Yes. 0 - No. Note this should be part of the enumerated value description.

XML Instance Representation

```
<...>
   <TaxType> TaxType </TaxType> [1]
   <TaxDescription> TaxDescription </TaxDescription> [0..1]
   <TaxAmount> TaxAmount </TaxAmount> [0..1]
   <UnitSalesTaxAmount> UnitSalesTaxAmount </UnitSalesTaxAmount> [0..1]
   <TaxRate> TaxRate </TaxRate> [0..1]
   <TotalTaxableAmount> TotalTaxableAmount </TotalTaxableAmount> [0..1]
   <NonTaxableAmount> NonTaxableAmount </NonTaxableAmount> [0..1]
   <TaxTypeId> TaxTypeId </TaxTypeId> [0..1]
   <TaxabilityInd> TaxabilityInd </TaxabilityInd> [0..1]
</...>
```

TaxableAmount

These field(s) use this type: **TaxableAmount.**

Total Taxable Price

Name	**TaxableAmount**
Abstract	**no**

XML Instance Representation

```
<...
currency="Currency [1]">
    Amount
</...>
```

TaxAmount

These field(s) use this type: **TaxAmount.**

Actual amount of tax paid.

Name	**TaxAmount**
Abstract	**no**

XML Instance Representation

```
<...
currency="Currency [1]">
    Amount
</...>
```

TaxDescription

These field(s) use this type: **TaxDescription.**

Free form text description of tax amount.

Name	**TaxDescription**
Abstract	**no**

XML Instance Representation

```
<...
language="Language [0..1]">
    Description
</...>
```

TaxRate

These field(s) use this type: **TaxRate.**

Tax Percentage rate.

Name	**TaxRate**
Abstract	**no**

XML Instance Representation

```
<...>
    Percent
</...>
```

TotalAmount

These field(s) use this type: **TotalAmount,TotalAmount.**

Total price (cost + markup)

Name	**TotalAmount**
Abstract	**no**

XML Instance Representation

```
<...
currency="Currency [1]">
    Amount
</...>
```

TotalCartons

These field(s) use this type: **TotalCartons.**

Sum of the total cartons

Name	**TotalCartons**

Abstract	no

XML Instance Representation

```
<...>
    Count
</...>
```

TotalCost

These field(s) use this type: **TotalCost.**

Value at unit cost times quantity

Name	TotalCost
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
    Amount
</...>
```

TotalDiscountAmount

These field(s) use this type: **TotalDiscountAmount.**

Total discounts

Name	TotalDiscountAmount
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
    Amount
```

```
</...>
```

TotalGrossWeight

These field(s) use this type: **TotalGrossWeight.**

Total Gross Weight

Name	**TotalGrossWeight**
Abstract	**no**

XML Instance Representation

```
<...
uom="WeightMeasure [1]">
    Weight
</...>
```

TotalNetWeight

These field(s) use this type: **TotalNetWeight.**

Total Net Weight

Name	**TotalNetWeight**
Abstract	**no**

XML Instance Representation

```
<...
uom="WeightMeasure [1]">
    Weight
</...>
```

TotalPartPieces

These field(s) use this type: **TotalPartPieces.**

The total number of part pieces to be contained in the transaction.

Name	**TotalPartPieces**
Abstract	**no**

XML Instance Representation

```
<...>
    Count
</...>
```

TotalSubjectToDutyAmount

These field(s) use this type: **TotalSubjectToDutyAmount.**

Total Subject To Duty Amount

Name	**TotalSubjectToDutyAmount**
Abstract	**no**

XML Instance Representation

```
<...
currency="Currency [1]">
    Amount
</...>
```

TotalTaxableAmount

These field(s) use this type: **TotalTaxableAmount.**

Total taxable price.

Name	**TotalTaxableAmount**
Abstract	**no**

XML Instance Representation

```
<...
currency="Currency [1]">
    Amount
</...>
```

TotalVolume

These field(s) use this type: **TotalVolume.**

Total volume

Name	**TotalVolume**
Abstract	**no**

XML Instance Representation

```
<...
uom="VolumeMeasure [1]">
    Volume
</...>
```

UnitCost

These field(s) use this type: **UnitCost.**

Cost at inventory value

Name	**UnitCost**
Abstract	**no**

XML Instance Representation

```
<...
currency="Currency [1]">
    Amount
</...>
```

UnitPack

These field(s) use this type: **UnitPack.**

Quantity of items sold as one unit.

Name	UnitPack
Abstract	no

XML Instance Representation

```
<...
uom="UOM [1]">
    Quantity
</...>
```

UnitPrice

These field(s) use this type: **UnitPrice.**

UnitPrice

Name	UnitPrice
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
    Amount
</...>
```

UnitSalesTaxAmount

These field(s) use this type: **UnitSalesTaxAmount.**

Unit amount of sales tax.

Name	UnitSalesTaxAmount

Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
    Amount
</...>
```

Verb

These field(s) use this type: **Verb.**

Name	Verb
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule

XML Instance Representation

```
<.../>
```

Volume

These field(s) use this type: **Volume.**

Volume measurement

Name	Volume
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
uom		R	

XML Instance Representation

```
<...
uom="VolumeMeasure [1]">
    xsd:decimal
</...>
```

Weight

Weight measurement

Name	**Weight**
Abstract	**no**

Attributes

Field / Component	Description	R/O	Business Rule
uom		R	

XML Instance Representation

```
<...
uom="WeightMeasure [1]">
    xsd:decimal
</...>
```

AcknowledgementType

Name	**AcknowledgementType**

Base XSD Type: NMTOKEN

Code Value	Description
Always	
OnChange	
Never	

Action

Name	Action

Base XSD Type: string

Code Value	Description
Add	
Delete	
Change	
Replace	
A	
D	
C	
R	

AddressLine

These field(s) use this type: **AddressLine.**

Indicates the multiple lines of an address. The first line is typically the street name and number.

Name	AddressLine

Base XSD Type: string

AssigningOrganizationPartyId

These field(s) use this type: **AssigningPartyId.**

Assigning Organization Party Id

Name	AssigningOrganizationPartyId

Base XSD Type: string

Code Value	Description
LegalId	Legal ID
NationalId	Government-assigned ID such as a social security Number
Other	Other
DUNS	Dun and Bradstreet
MotorDealerRegistrationId	Department of Motor Vehicle Registration number for a dealer. This is the dealer's license number to do business.
GSTRegistrationId	Canadian Goods and Services Tax Id.
HSTRegistrationId	Canadian HarmonizedTax Id.
Certification Of Registration Id	Id of the certificate of registration assigned to a business to allow that business to collect and remit certain taxes or fees to a state.
QSTRegistrationId	Quebec sales tax id.

BoxTrackingNumber

These field(s) use this type: **BoxTrackingNumber.**

The tracking number for the individual box as given by the ShipCarrier.

Name	BoxTrackingNumber

Base XSD Type: string

CaseCartonNumber

These field(s) use this type: **CaseCartonNumber.**

Case number in shipment

Name	CaseCartonNumber

Base XSD Type: string

CaseMarks

These field(s) use this type: **CaseMarks.**

Case number

Name	CaseMarks

Base XSD Type: string

CasePacking

These field(s) use this type: **CasePacking.**

Type of cartons or cases the material is packed in (e.g., triple wall cardboard)

Name	CasePacking

Base XSD Type: string

City

These field(s) use this type: **City.**

City of the Address.

Name	City

Base XSD Type: string

ClassCode

These field(s) use this type: **ClassCode.**

Identifies class of part (i.e., accessories, replacement, etc.).

Name	ClassCode

Base XSD Type: string

Code

These field(s) use this type: **BODId.**

Unique code name

Name	Code

Base XSD Type: string

CompanyName

These field(s) use this type: **Name.**

Company name of customer

Name	CompanyName

Base XSD Type: string

ConfirmType

Name	ConfirmType

Base XSD Type: NMTOKEN

Code Value	Description
Always	
OnChange	
Never	

ConveyanceNumber

These field(s) use this type: **ConveyanceNumber.**

Shipping container number

Name	ConveyanceNumber

Base XSD Type: string

Country

These field(s) use this type: **DealerCountry,DealerCountry,Country.**

Country in which the Address is in. Conforms to ISO 3166-2. AF -AFGHANISTAN AL -ALBANIA DZ -ALGERIA AS -AMERICAN SAMOA AD -ANDORRA AO -ANGOLA AI -ANGUILLA AQ -ANTARCTICA AG -ANTIGUA AND BARBUDA AR -ARGENTINA AM -ARMENIA AW -ARUBA AU -AUSTRALIA AT -AUSTRIA AZ -AZERBAIJAN BS -BAHAMAS BH -BAHRAIN BD -BANGLADESH BB -BARBADOS BY -BELARUS BE -BELGIUM BZ -BELIZE BJ -BENIN BM -BERMUDA BT -BHUTAN BO -BOLIVIA BA -BOSNIA AND HERZEGOVINA BW -BOTSWANA BV -BOUVET ISLAND BR -BRAZIL IO-BRITISH INDIAN OCEAN TERRITORY BN -BRUNEI DARUSSALAM BG -BULGARIA BF -BURKINA FASO BI -BURUNDI KH -CAMBODIA CM -CAMEROON CA -CANADA CV -CAPE VERDE KY -CAYMAN ISLANDS CF -CENTRAL AFRICAN REPUBLIC TD -CHAD CL -CHILE CN -CHINA CX -CHRISTMAS ISLAND CC -COCOS (KEELING) ISLANDS CO -COLOMBIA KM -COMOROS CG -CONGO CD -CONGO, THE DEMOCRATIC REPUBLIC OF THE CK -COOK ISLANDS CR -COSTA RICA CI -CÃ#Â#TE D'IVOIRE HR -CROATIA CU -CUBA CY -CYPRUS CZ -CZECH REPUBLIC DK -DENMARK DJ -DJIBOUTI DM -DOMINICA DO -DOMINICAN REPUBLIC EC -ECUADOR EG -EGYPT SV -EL SALVADOR GQ -EQUATORIAL GUINEA ER -ERITREA EE -ESTONIA ET -ETHIOPIA FK -FALKLAND ISLANDS (MALVINAS) FO -FAROE ISLANDS FJ -FIJI FI -FINLAND FR -FRANCE GF -FRENCH GUIANA PF -FRENCH POLYNESIA TF -FRENCH SOUTHERN TERRITORIES GA -GABON GM -GAMBIA GE -GEORGIA DE -GERMANY GH -GHANA GI -GIBRALTAR GR -GREECE GL -GREENLAND GD -GRENADA GP -GUADELOUPE GU -GUAM GT -GUATEMALA GN -GUINEA GW -GUINEA-BISSAU GY -GUYANA HT -HAITI HM -HEARD ISLAND AND MCDONALD ISLANDS VA -HOLY SEE (VATICAN CITY STATE)

HN -HONDURAS HK -HONG KONG HU -HUNGARY IS -ICELAND IN -INDIA ID -INDONESIA IR -IRAN, ISLAMIC REPUBLIC OF IQ -IRAQ IE -IRELAND IL -ISRAEL IT -ITALY JM -JAMAICA JP -JAPAN JO -JORDAN KZ -KAZAKHSTAN KE -KENYA KI -KIRIBATI KP -KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF KR -KOREA, REPUBLIC OF KW -KUWAIT KG -KYRGYZSTAN LA -LAO PEOPLE'S DEMOCRATIC REPUBLIC LV -LATVIA LB -LEBANON LS -LESOTHO LR -LIBERIA LY -LIBYAN ARAB JAMAHIRIYA LI -LIECHTENSTEIN LT -LITHUANIA LU -LUXEMBOURG MO -MACAO MK -MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF MG -MADAGASCAR MW -MALAWI MY -MALAYSIA MV -MALDIVES ML -MALI MT -MALTA MH -MARSHALL ISLANDS MQ -MARTINIQUE MR -MAURITANIA MU -MAURITIUS YT -MAYOTTE MX -MEXICO FM -MICRONESIA, FEDERATED STATES OF MD -MOLDOVA, REPUBLIC OF MC -MONACO MN -MONGOLIA MS -MONTSERRAT MA -MOROCCO MZ -MOZAMBIQUE MM -MYANMAR NA -NAMIBIA NR -NAURU NP -NEPAL NL -NETHERLANDS AN -NETHERLANDS ANTILLES NC -NEW CALEDONIA NZ -NEW ZEALAND NI -NICARAGUA NE -NIGER NG -NIGERIA NU -NIUE NF -NORFOLK ISLAND MP -NORTHERN MARIANA ISLANDS NO -NORWAY OM -OMAN PK -PAKISTAN PW -PALAU PS -PALESTINIAN TERRITORY, OCCUPIED PA -PANAMA PG -PAPUA NEW GUINEA PY -PARAGUAY PE -PERU PH -PHILIPPINES PN -PITCAIRN PL -POLAND PT -PORTUGAL PR -PUERTO RICO QA -QATAR RE -RÃ#Â#UNION RO -ROMANIA RU -RUSSIAN FEDERATION RW -RWANDA SH -SAINT HELENA KN -SAINT KITTS AND NEVIS LC -SAINT LUCIA PM -SAINT PIERRE AND MIQUELON VC -SAINT VINCENT AND THE GRENADINES WS -SAMOA SM -SAN MARINO ST -SAO TOME AND PRINCIPE SA -SAUDI ARABIA SN -SENEGAL CS -SERBIA AND MONTENEGRO SC -SEYCHELLES SL -SIERRA LEONE SG -SINGAPORE SK -SLOVAKIA SI -SLOVENIA SB -SOLOMON ISLANDS SO -SOMALIA ZA -SOUTH AFRICA GS -SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS ES -SPAIN LK -SRI LANKA SD -SUDAN SR -SURINAME SJ -SVALBARD AND JAN MAYEN SZ -SWAZILAND SE -SWEDEN CH -SWITZERLAND SY -SYRIAN ARAB REPUBLIC TW -TAIWAN, PROVINCE OF CHINA TJ -TAJIKISTAN TZ -TANZANIA, UNITED REPUBLIC OF TH -THAILAND TL -TIMOR-LESTE TG - TOGO TK -TOKELAU TO -TONGA TT -TRINIDAD AND TOBAGO TN -TUNISIA TR -TURKEY TM -TURKMENISTAN TC -TURKS AND CAICOS ISLANDS TV -TUVALU UG -UGANDA UA -UKRAINE AE -UNITED ARAB EMIRATES GB -UNITED KINGDOM US -UNITED STATES UM -UNITED STATES MINOR OUTLYING ISLANDS UY -URUGUAY UZ -UZBEKISTAN VU -VANUATU VE -VENEZUELA VN -VIET NAM VG -VIRGIN ISLANDS, BRITISH VI -VIRGIN ISLANDS, U.S. WF -WALLIS AND FUTUNA EH -WESTERN SAHARA YE -YEMEN ZM -ZAMBIA ZW -ZIMBABWE

Name	Country
*	

Base XSD Type: string

Code Value	Description
US	
AF	
AL	
DZ	
AS	

Code Value	Description
AD	
AO	
AI	
AQ	
AG	
AR	
AM	
AW	
AU	
AT	
AZ	
BS	
BH	
BD	
BB	
BY	
BE	
BZ	
BJ	
BM	
BT	
BO	

Code Value	Description
BA	
BW	
BV	
BR	
IO	
BN	
BG	
BF	
BI	
KH	
CM	
CA	
CV	
KY	
CF	
TD	
CL	
CN	
CX	
CC	
CO	
KM	

Code Value	Description
CG	
CD	
CK	
CR	
CI	
HR	
CU	
CY	
CZ	
DK	
DJ	
DM	
DO	
EC	
EG	
SV	
GQ	
ER	
EE	
ET	
FK	
FO	

Code Value	Description
FJ	
FI	
FR	
GF	
PF	
TF	
GA	
GM	
GE	
DE	
GH	
GI	
GR	
GL	
GD	
GP	
GU	
GT	
GN	
GW	
GY	
HT	

Code Value	Description
HM	
VA	
HN	
HK	
HU	
IS	
IN	
ID	
IR	
IQ	
IE	
IL	
IT	
JM	
JP	
JO	
KZ	
KE	
KI	
KP	
KR	
KW	

Code Value	Description
KG	
LA	
LV	
LB	
LS	
LR	
LY	
LI	
LT	
LU	
MO	
MK	
MG	
MW	
MY	
MV	
ML	
MT	
MH	
MQ	
MR	
MU	

Code Value	Description
YT	
MX	
FM	
MD	
MC	
MN	
MS	
MA	
MZ	
MM	
NA	
NR	
NP	
NL	
AN	
NC	
NZ	
NI	
NE	
NG	
NU	
NF	

Code Value	Description
MP	
NO	
OM	
PK	
PW	
PS	
PA	
PG	
PY	
PE	
PH	
PN	
PL	
PT	
PR	
QA	
RE	
RO	
RU	
RW	
SH	
KN	

Code Value	Description
LC	
PM	
VC	
WS	
SM	
ST	
SA	
SN	
CS	
SC	
SL	
SG	
SK	
SI	
SB	
SO	
ZA	
GS	
ES	
LK	
SD	
SR	

Code Value	Description
SJ	
SZ	
SE	
CH	
SY	
TW	
TJ	
TZ	
TH	
TL	
TG	
TK	
TO	
TT	
TN	
TR	
TM	
TC	
TV	
UG	
UA	
AE	

Code Value	Description
GB	
UM	
UY	
UZ	
VU	
VE	
VN	
VG	
VI	
WF	
EH	
YE	
ZM	
ZW	

County

These field(s) use this type: **County.**

Business party county location

Name	County

*

Base XSD Type: string

Currency

The ISO code identifying the type of currency in use.

Name	Currency

Base XSD Type: string

Code Value	Description
USD	
ADP	
AED	
AFA	
ALL	
ANG	
AOK	
ARA	
ATS	
AUD	
AWG	
BBD	
BDT	
BEF	
BGL	
BHD	
BIF	
BMD	
BND	

Code Value	Description
BOB	
BRC	
BSD	
BTN	
BUK	
BWP	
BZD	
CAD	
CHF	
CLF	
CLP	
CNY	
COP	
CRC	
CSK	
CUP	
CVE	
CYP	
DDM	
DEM	
DJF	
DKK	

Code Value	Description
DOP	
DZD	
ECS	
EGP	
ESP	
ETB	
EUR	
FIM	
FKP	
FRF	
GBP	
GHC	
GIP	
GMD	
GNF	
GRD	
GTQ	
GWP	
GYD	
HKD	
HNL	
HTG	

Code Value	Description
HUF	
IDR	
IEP	
ILS	
INR	
IQD	
IRR	
ISK	
ITL	
JMD	
JOD	
JPY	
KES	
KHR	
KMF	
KPW	
KRW	
KWD	
KYD	
LAK	
LBP	
LKR	

Code Value	Description
LRD	
LSL	
LUF	
LYD	
MAD	
MGF	
MNT	
MOP	
MRO	
MTL	
MUR	
MVR	
MWK	
MXN	
MYR	
MZM	
NGN	
NIC	
NLG	
NOK	
NPR	
NZD	

Code Value	Description
OMR	
PAB	
PEI	
PGK	
PHP	
PKR	
PLZ	
PTE	
PYG	
QAR	
ROL	
RWF	
SAR	
SBD	
SCR	
SDP	
SEK	
SGD	
SHP	
SLL	
SKK	
SOS	

Code Value	Description
SRG	
STD	
SUR	
SVC	
SYP	
SZL	
THB	
TND	
TOP	
TPE	
TRL	
TTD	
TWD	
TZS	
UGS	
UYP	
VEB	
VND	
VUV	
WST	
YDD	
YER	

Code Value	Description
YUD	
ZAR	
ZRZ	
ZWD	
Other	

Date

Date conforms to ISO 8601 format rules EX: \d\d\d\d-\d\d-\d\d

Name	Date

Base XSD Type: date

DateTime

These field(s) use this type: **CreationDateTime.**

Date and time conforms to ISO 8601format rules without offset EX:2003-11-05T13:15:30Z

Name	DateTime

Base XSD Type: dateTime

DBAName

These field(s) use this type: **DBAName.**

Doing Business As name.

Name	DBAName

Base XSD Type: string

DiscountCode

These field(s) use this type: **DiscountCode.**

Discount or Pricing Code.

Name	DiscountCode

Base XSD Type: string

DocumentDateTime

These field(s) use this type: **DocumentDateTime.**

Is the date and time the document was last created. This is not the date and time that the BOD message instance was created.

Name	DocumentDateTime

Base XSD Type: dateTime

ETADate

These field(s) use this type: **ETADate.**

Estimated time of arrival

Name	ETADate

Base XSD Type: date

ETADateTime

These field(s) use this type: **ETADateTime,ETADateTime,ETADateTime.**

Estimated time and time of arrival

Name	ETADateTime

Base XSD Type: dateTime

ExpirationDate

These field(s) use this type: **ExpirationDate.**

Expiration Date

Name	ExpirationDate

Base XSD Type: date

Expression

Name	Expression

Base XSD Type: string

ExpressionLanguage

Name	ExpressionLanguage

Base XSD Type: string

FOBTerms

These field(s) use this type: **FOBTerms.**

Transit Ownership terms

Name	FOBTerms

Base XSD Type: string

FreightTerms

These field(s) use this type: **FreightTerms.**

Designates who pays freight - - Collect / Prepaid

Name	FreightTerms

Base XSD Type: string

HazmatInd

These field(s) use this type: **HazmatInd,HazmatInd.**

Indicator that Hazmat Was Used

Name	HazmatInd

Base XSD Type: string

Code Value	Description
0	
1	

HTSCode

These field(s) use this type: **HTSCode.**

Harmonized tariff schedule code

Name	HTSCode

Base XSD Type: string

HTSSummarySchedule

These field(s) use this type: **HTSSummarySchedule.**

HTS Summary schedule

Name	HTSSummarySchedule

Base XSD Type: string

ImporterOfRecordNumber

These field(s) use this type: **ImporterOfRecordNumber.**

Import license number

Name	ImporterOfRecordNumber

Base XSD Type: string

Indicator

These field(s) use this type: **DeliverPendingMailInd.**

0 = No, 1 = Yes

Name	Indicator

Base XSD Type: string

Code Value	Description
0	
1	

InventoryMovementDemandCode

These field(s) use this type: **InventoryMovementDemandCode.**

Code designating the inventory rate at which item turns (e.g., A, B, C, etc.)

Name	InventoryMovementDemandCode

Base XSD Type: string

InvoiceShipment

These field(s) use this type: **TransactionType.**

Designates type of Invoice or shipment

Name	InvoiceShipment

Base XSD Type: string

Code Value	Description
Credit	
History	
Retail	
Return	
Wholesale	
Shipment	
Other	Other

IssuingState

These field(s) use this type: **IssuingState.**

Indicates that State where the license was issued.

Name	IssuingState

Base XSD Type: string

Language

These field(s) use this type: **Language.**

Language conforms to ISO 639-2 rules. Note the format for this field is language-Country (see Country data type for the list of countries with definitions).

AA "Afar", AB "Abkhazian", AF "Afrikaans", AM "Amharic", AR "Arabic", AS "Assamese", AY "Aymara", AZ "Azerbaijani", BA "Bashkir", BE "Byelorussian", BG "Bulgarian", BH "Bihari", BI "Bislama", BN "Bengali" "Bangla", BO "Tibetan", BR "Breton", CA "Catalan", CO "Corsican", CS "Czech", CY "Welsh", DA "Danish", DE "German", DZ "Bhutani", EL "Greek", EN "English" "American", ES "Spanish", ET "Estonian", EU "Basque", FA "Persian", FI "Finnish", FJ "Fiji", FO "Faeroese", FR "French", FY "Frisian", GA "Irish", GD "Gaelic" "Scots Gaelic", GL "Galician", GN "Guarani", GU "Gujarati", HA "Hausa", HI "Hindi", HR "Croatian", HU "Hungarian", HY "Armenian", IK "Inupiak", IN "Indonesian", IS "Icelandic", IT "Italian", IW "Hebrew", JA "Japanese", JI "Yiddish", JW "Javanese", KA "Georgian", KK "Kazakh", KL "Greenlandic", KM "Cambodian", KN "Kannada", KO "Korean", KS "Kashmiri", KU "Kurdish", KY "Kirghiz", LA "Latin", LN "Lingala", LO "Laothian", LT "Lithuanian", LV "Latvian" "Lettish", MG "Malagasy". MI "Maori", MK "Macedonian", ML "Malayalam", MN "Mongolian", MO "Moldavian", MR "Marathi", MS "Malay", MT "Maltese", MY "Burmese", NA "Nauru", NE "Nepali", NL "Dutch", NO "Norwegian", OC "Occitan", OM "Oromo" "Afan", OR "Oriya", PA "Punjabi", PL "Polish", PS "Pashto" "Pushto", PT "Portuguese", QU "Quechua", RM "Rhaeto-Romance", RN "Kirundi", RO "Romanian", RU "Russian", RW "Kinyarwanda", SA "Sanskrit", SD "Sindhi", SG "Sangro", SH "Serbo-Croatian", SI "Singhalese", SK "Slovak", SL "Slovenian", SM "Samoan", SN "Shona", SO "Somali", SQ "Albanian", SR "Serbian", SS "Siswati", ST "Sesotho", SU "Sudanese", SV "Swedish", SW "Swahili", TA "Tamil", TE "Tegulu", TG "Tajik", TH "Thai", TI "Tigrinya", TK "Turkmen", TL "Tagalog", TN "Setswana", TO "Tonga", TR "Turkish", TS "Tsonga", TT "Tatar", TW "Twi", UK "Ukrainian", UR "Urdu", UZ "Uzbek", VI "Vietnamese", WO "Wolof", XH "Xhosa", YO "Yoruba", ZH "Chinese", ZU "Zulu"

Name	Language

Base XSD Type: string

Code Value	Description
en-US	
en-CA	
aa-ET	
ab-GE	
af-ZA	
am- ET	
ar-SA	
as-IN	
ay-BO	
az-AZ	
ba-RU	

Code Value	Description
be-BY	
bg-BG	
bh-IN	
bi-VU	
bn-BD	
bo-BT	
br-FR	
ca-ES	
co-FR	
cs-CZ	
cy-GB	
da-DE	
de-DE	
dz-BT	
el-GR	
es-ES	
et-EE	
eu-ES	
fa-AF	
fi-FI	
fj-FJ	
fo-FO	

Code Value	Description
fr-CA	
fr-FR	
fy-NL	
ga-IE	
gd-GB	
gl-ES	
gn-PY	
gu-IN	
ha-NG	
hi-IN	
hr-HR	
hu-HU	
hy-AM	
ik-GL	
in-ID	
is-IS	
it-IT	
iw-IL	
ja-JP	
ji-IL	
jw-ID	
ka-GE	

Code Value	Description
kk-KZ	
kl-GL	
km-KH	
kn-IN	
ko-KP	
ko-KR	
ks-IN	
ku-IQ	
ky-CN	
la-VA	
ln-CD	
lo-LA	
lt-LT	
lv-LV	
mg-MG	
mi-NZ	
mk-MK	
ml-IN	
mn-MN	
mo-MO	
mr-IN	
ms-MY	

Code Value	Description
mt-MH	
my-MM	
na-NR	
ne-NP	
nl-NL	
no-NO	
oc-FR	
om- ET	
or-IN	
pa-IN	
pl-PL	
ps-PK	
pt-PT	
qu-PE	
rm-CH	
rn-BI	
ro-RO	
ru-RU	
rw-RW	
sa-IN	
sd-PK	
sg-CF	

Code Value	Description
sh-HR	
si-LK	
sk-SK	
sl-SI	
sm-WS	
sn-ZW	
so-SO	
sq-AL	
sr-CS	
ss-ZA	
st-ZA	
su-SD	
sv-SE	
sw-TL	
ta-IN	
te-IN	
tg-TJ	
th-TH	
ti-ET	
tk-TM	
tl-PH	
tn-ZA	

Code Value	Description
to-TO	
tr-TR	
ts-ZA	
tt-RU	
tw-GH	
uk-UA	
ur-PK	
uz-UZ	
vi-VN	
wo-SN	
xh-ZA	
yo-NG	
zh-CN	
zu-ZA	

LicenseExpirationDate

These field(s) use this type: **LicenseExpirationDate.**

Expiration date of license

Name	LicenseExpirationDate

Base XSD Type: date

LineNumber

These field(s) use this type: **LineNumber.**

The number of the given Line Component within the document. LineNumbers are assigned by the sending system.

Name	LineNumber

Base XSD Type: string

ManufacturerOrderNumber

These field(s) use this type: **ManufacturerOrderNumber,ManufacturerOrderNumber.**

Manufacturer Order Number

Name	ManufacturerOrderNumber

Base XSD Type: string

MiscellaneousNotes

These field(s) use this type: **MiscellaneousNotes.**

Free form miscellaneous comments

Name	MiscellaneousNotes

Base XSD Type: string

Name

Name of the Party.

Name	Name

Base XSD Type: string

Note

A free form note.

Name	Note

Base XSD Type: string

OrderLineNumber

These field(s) use this type: **OrderLineNumber.**

The line number of the dealer's order identified by Line.OrderReferenceNumber for which Line.Item identifies the part as being shipped.

Name	OrderLineNumber

Base XSD Type: string

OrderReferenceNumber

These field(s) use this type: **OrderReferenceNumber.**

Original order number for line item.

Name	OrderReferenceNumber

Base XSD Type: string

PalletBoxNumber

These field(s) use this type: **PalletBoxNumber.**

Box number on pallet

Name	PalletBoxNumber

Base XSD Type: string

PartClass

These field(s) use this type: **PartClass.**

Gifts, literature, keys, regular parts Inventory Class code (if any) used in DMS system.

Name	PartClass

Base XSD Type: string

PartCountry

These field(s) use this type: **PartCountry.**

Part Country

Name	PartCountry

Base XSD Type: string

Code Value	Description
US	
AF	
AL	
DZ	
AS	
AD	
AO	
AI	
AQ	
AG	
AR	
AM	

Code Value	Description
AW	
AU	
AT	
AZ	
BS	
BH	
BD	
BB	
BY	
BE	
BZ	
BJ	
BM	
BT	
BO	
BA	
BW	
BV	
BR	
IO	
BN	
BG	

Code Value	Description
BF	
BI	
KH	
CM	
CA	
CV	
KY	
CF	
TD	
CL	
CN	
CX	
CC	
CO	
KM	
CG	
CD	
CK	
CR	
CI	
HR	
CU	

Code Value	Description
CY	
CZ	
DK	
DJ	
DM	
DO	
EC	
EG	
SV	
GQ	
ER	
EE	
ET	
FK	
FO	
FJ	
FI	
FR	
GF	
PF	
TF	
GA	

Code Value	Description
GM	
GE	
DE	
GH	
GI	
GR	
GL	
GD	
GP	
GU	
GT	
GN	
GW	
GY	
HT	
HM	
VA	
HN	
HK	
HU	
IS	
IN	

Code Value	Description
ID	
IR	
IQ	
IE	
IL	
IT	
JM	
JP	
JO	
KZ	
KE	
KI	
KP	
KR	
KW	
KG	
LA	
LV	
LB	
LS	
LR	
LY	

Code Value	Description
LI	
LT	
LU	
MO	
MK	
MG	
MW	
MY	
MV	
ML	
MT	
MH	
MQ	
MR	
MU	
YT	
MX	
FM	
MD	
MC	
MN	
MS	

Code Value	Description
MA	
MZ	
MM	
NA	
NR	
NP	
NL	
AN	
NC	
NZ	
NI	
NE	
NG	
NU	
NF	
MP	
NO	
OM	
PK	
PW	
PS	
PA	

Code Value	Description
PG	
PY	
PE	
PH	
PN	
PL	
PT	
PR	
QA	
RE	
RO	
RU	
RW	
SH	
KN	
LC	
PM	
VC	
WS	
SM	
ST	
SA	

Code Value	Description
SN	
CS	
SC	
SL	
SG	
SK	
SI	
SB	
SO	
ZA	
GS	
ES	
LK	
SD	
SR	
SJ	
SZ	
SE	
CH	
SY	
TW	
TJ	

Code Value	Description
TZ	
TH	
TL	
TG	
TK	
TO	
TT	
TN	
TR	
TM	
TC	
TV	
UG	
UA	
AE	
GB	
UM	
UY	
UZ	
VU	
VE	
VN	

Code Value	Description
VG	
VI	
WF	
EH	
YE	
ZM	
ZW	

PartDimensions

These field(s) use this type: **PartDimensions.**

Indicates the dimensions of a part, such as the length and width of a piece of cloth or leather.

Name	PartDimensions

Base XSD Type: string

PartsShipmentLineBoxingType

These field(s) use this type: **PartsShipmentLineBoxingType.**

Identifies how the BOD is intended to be interpreted by the receiver. Specifically, indicates whether boxing detail is present and, if so, whether each Line item in the shipment is within a specific box.

Name	PartsShipmentLineBoxingType

Base XSD Type: string

Code Value	Description
Line Boxing Detail	Each line is associated with a specific box in the shipment. This provides a complete picture of what part is contained in which box.

Code Value	Description
Line Boxing Aggregate	Lines and Boxing data is available, however there is no detail as to which parts are contained in which boxes. The line data is aggregate.
Line Aggregate	There is no boxing detail provided and the line data is in aggregate for the shipment.

PartType

These field(s) use this type: **PartType.**

Specifies whether the parts are indicated by manufacturer part code or Part Number - H = Manufacturer Part Code, P = Part Number

Name	PartType

Base XSD Type: string

Code Value	Description
H	Manufacturer Part Code
P	"P" = Pending

PostalCode

These field(s) use this type: **PostalCode.**

Postal Code of the Address.

Name	PostalCode

Base XSD Type: string

PriceExplanation

These field(s) use this type: **PriceExplanation.**

Explanatory Note for Pricing

Name	PriceExplanation

Base XSD Type: string

PriceType

These field(s) use this type: **PriceType.**

Price Type

Name	PriceType

Base XSD Type: string

Code Value	Description
Job	
Labor	
Parts	
Sublet	
Miscellaneous	
GasOilGrease	
PaintMaterials	
ShopSupplies	
Freight	
Claim	
SubletLabor	
SubletParts	
ReturnCore	
Customer	Initiative applies to Customer category, e.g. First Time Buyer, etc.

Code Value	Description
Internal	
RentLoaner	
Return	
Splits	
Total	
Other	Other

ProcessCode

These field(s) use this type: **ProcessCode,ProcessCode.**

Code designating how the order was processed

Name	ProcessCode

Base XSD Type: string

ProcessDate

These field(s) use this type: **ProcessDate,ProcessDate.**

Effective date of process

Name	ProcessDate

Base XSD Type: date

RackContainerNumber

These field(s) use this type: **RackContainerNumber.**

Number of rack or container

Name	RackContainerNumber

Base XSD Type: string

RackContainerType

These field(s) use this type: **RackContainerType.**

Type of rack or container used to hold parts, boxes, cases, etc

Name	RackContainerType

Base XSD Type: string

Reference

These field(s) use this type: **ReferenceId.**

Reference notation

Name	Reference

Base XSD Type: string

ReferenceNumber

These field(s) use this type: **ReferenceNumber.**

Reference number

Name	ReferenceNumber

Base XSD Type: string

RestockCode

These field(s) use this type: **RestockCode.**

Code for restocking item (i.e., manufacturer product division).

Name	RestockCode

Base XSD Type: string

SalesPromotionCode

These field(s) use this type: **SalesPromotionCode,SalesPromotionCode.**

Sales promotion code

Name	SalesPromotionCode

Base XSD Type: string

SecondaryPassword

These field(s) use this type: **SecondaryPassword.**

Secondary password used to validate access to the dealer information

Name	SecondaryPassword

Base XSD Type: string

ShipDate

These field(s) use this type: **ShipDate.**

Ship Date

Name	ShipDate

Base XSD Type: date

ShipmentCarrier

These field(s) use this type: **ShipmentCarrier.**

Preferred carrier of deliver of part. Fedex - FED, Air Contact Transport - ACT, Danzas - DAN, Yellow Freight - YFT, UPS - UPS, Motor Cargo - MTC, Averitt - AVE, Chopper - CHO, Command - COM, Other - OTH, N/A - N/A, United States Postal Service - USPS, DHL - DHL, CON - California Overnight

Name	ShipmentCarrier

Base XSD Type: string

Code Value	Description
FED	Fedex
ACT	Air Contact Transport
DAN	Danzas
YFT	Yellow Freight
UPS	UPS
MTC	Motor Cargo
AVE	Averitt
CHO	Chopper
COM	Command
OTH	Other
N/A	Not Applicable
USPS	United States Postal Service
DHL	DHL
CON	California Overnight
Burl	Burlington Ontario
7ALQ Alliance Shipping	7ALQ Alliance Shipping
Roadway Express	Roadway Express

Code Value	Description
Parker Motor Freight	Parker Motor Freight

ShipmentNumber

These field(s) use this type: **ShipmentNumber.**

Number assigned to shipment.

Name	ShipmentNumber

Base XSD Type: string

ShipPriority

These field(s) use this type: **ShipPriority,ShipPriority,ShipPriority.**

Defines two concepts: The shipping methd (e.g. ground or air) and the ship duration (how fast the customer wants the order to be deelivered. ShipPriority applies to all warehouse items can be shipped from, unless the supplier accepts an AlternatShipPriority. If the supplier accepts AlternateShipPriority, then ShipPriority applies only to the facing warehouse for the dealer. A facing warehouse is the default, usually the most geographically close, warehouse for the dealer.

Name	ShipPriority

Base XSD Type: string

Code Value	Description
Air Delivery	
2nd Day Delivery	
Saturday Delivery	
Next Day Delivery by Air	
Surface By Noon Delivery	
Surface 12-3pm Delivery	

Code Value	Description
Surface 3-5pm Delivery	
Pickup Noon	
Pickup 12-3pm	
Pickup 3-5pm	
Next Day Delivery	
Surface	
Will Call	
Air Freight Collect	
Fastest Way	
Best Surface	
Other	Other
N/A	Not Applicable
Prearranged Shipping Terms	
Next Day AM	
Next Day PM	
Second Day AM	
Second Day PM	
Third Day	
Next Day Saturday	
Air Deferred	
Ship The Best Way	

ShortMfg

These field(s) use this type: **SenderNameCode,DestinationNameCode.**

Short Manfacturer or RSP Codes

Name	ShortMfg

Base XSD Type: string

StateOrProvince

These field(s) use this type: **StateOrProvince.**

Is the State or Province of a given Address.

Name	StateOrProvince

Base XSD Type: string

SystemVersion

These field(s) use this type: **SystemVersion.**

The sender's software version number .

Name	SystemVersion

Base XSD Type: string

TaxabilityInd

These field(s) use this type: **TaxabilityInd.**

Determines whether an item or amount is taxable.

Name	TaxabilityInd

Base XSD Type: string

Code Value	Description
0	
1	

TaxInd

These field(s) use this type: **TaxInd.**

Indicates whether or not tax applies

Name	TaxInd

Base XSD Type: string

Code Value	Description
0	
1	

TaxType

These field(s) use this type: **TaxType.**

Tax Type

Name	TaxType

Base XSD Type: string

Code Value	Description
Total	
Amount	
Labor	

Code Value	Description
Parts	
Claim	
Dealer	Dealer
Deductible	
Prorated	
Other	Other
Luxury	
Vehicle Inventory	
Taxes Not In Cash Price	
Document Stamp	
Sales	
Tire	
Personal Property	
Registration	
Monthly/Use	
Weight	
Adjustment	
DownPayment	
CapCostReduction	
Lieu	
CurrentYear	
N/A	Not Applicable

Code Value	Description
LocalOption	Tennessee Tax - combination of city and county.
SingleArticle	Tennessee Tax - State Tax
Gas	Gas tax levied to applicable vehicles or by state/province law. (Referred to in US as "Gas Guzzler" tax).
Total Monthly/Use	The total amount of monthly use tax for a payment on a contract.
Service Contract	Tax charged on service contracts (where applicable).
Adjusted Sales	Adjusted sales tax due to tax modifications when capitalized (i.e. NY)
Total Sales/Use	The total amount of sales/use tax for a single payment contract.
Air Conditioning Excise	Provincal tax providing for the installation or removal of freon. (Canada)
Purchase and Use	A type of tax that is assessed upon "tax free" tangible personal property purchased by a resident of the assessing state for use, storage or consumption of goods in that state (not for resale), regardless of where the purchase took place. The tax is a one time retail tax due at registration or titling of a vehicle.
County Tax	A county tax charged based on the location of the dealer and the customer. An example, The Cook County Tax.
General Excise	This is a general excise tax that a state or region could impose.
Gross Receipt	A gross receipts tax, sometimes referred to as a gross excise tax, is a tax on the total gross revenues of a company, regardless of their source.
Tax on Trade-In	Tax due on a trade-in vehicle.
Tax on Upfront Fees	Total tax due on fees paid upfront.
Tax on Acquisition Fee	Tax due on amount of acquisition fee.
Environmental Tax	Environmental Levy / Tax.
Motor Vehicle Tax	Tax paid at of registration based on the vehicle's age and MSRP.
Wheel Tax	A tax levied by cities and villages to be credited to a road fund of the city or village

TaxTypeId

These field(s) use this type: **TaxTypeId.**

CS - City, CP - County, ST - State, OT - Other, EX - Excise, VAT - Value Added Tax, PST - Provincial Sales Tax , RT - Rental, GST - Goods and Services Tax, HST - Harmonized Tax, ART - Air Tax, QST - Quebec Sales Tax, IMP - Import Tax

Name	TaxTypeId

Base XSD Type: string

Code Value	Description
CS	City
CP	County
ST	State
OT	"OT" = Other
EX	Excise
VAT	Value Added
PST	Provincial Sales Tax
RT	Rental
GST	Goods and Services Tax
HST	Harmonized Tax
ART	Air Tax
QST	Quebec Sales Tax
IMP	Import Tax

Terms

Indicates terms of agreement

Name	Terms

Base XSD Type: string

Text

These field(s) use this type:
CreatorNameCode,StoreNumber,AreaNumber,Password,DestinationSoftwareCode,DestinationSoftware,StoreNumber,AreaNumber,LogicalId,Component,T

Indicates generic text type

Name	Text

Base XSD Type: string

Type

Type

Name	Type

Base XSD Type: string

UOM

Units of Measure - ea=Each; bx=Box; case=Case; ctn=Carton; gal=Gallon; qt=Quart; pt=Pint; ft=Feet; yd=Yard; in=Inch; L=Liter; m=Meter; cm=Centimeter; kg=Kilograms; g=grams; other=Other

Name	UOM

Base XSD Type: string

Code Value	Description
ea	Each
bx	Box
case	Case

Code Value	Description
ctn	Carton
gal	Gallon
qt	Quart
pt	Pint
ft	ft = feet
yd	yd = yard
in	in = inch
L	"L" = Canceled
m	m = meter
cm	cm = centimeter
kg	Kilogram
g	Gram
other	
tn	Ton
km	kilometers
mi	miles
hp	horsepower
kw	kilowatt

UrbanizationCode

These field(s) use this type: **UrbanizationCode.**

Geographic definition of a metropolitan or suburban area

Name	UrbanizationCode

Base XSD Type: string

URI

These field(s) use this type: **SenderURI,DestinationURI.**

URI

Name	URI

Base XSD Type: anyURI

VolumeMeasure

Volume Measurements

Name	VolumeMeasure

Base XSD Type: string

Code Value	Description
Cubic Inches	Cubic inches
Cubic Feet	Cubic feet
Cubic Centimeters	Cubic centimeters
Cubic Meters	Cubic meters
Other	Other

WeightMeasure

Weight Measurements

Name	WeightMeasure

Base XSD Type: string

Code Value	Description
Pounds	Pounds
Kilos	Kilos
Other	Other

Fields and Global Attributes

Global declarations are items such as elements, attribute groups, and group definitions. These items are not defined within any particular component. A component may reference these definitions. Within a STAR XML Schemas these are typically known as global fields.

ApplicationArea

These field(s) use this type: **ApplicationArea.**

Provides the information that an application may need to know in order to communicate in an integration of two or more business applications. The ApplicationArea is used at the applications layer of communication. While the integration frameworks web services and middleware provide the communication layer that OAGIS operates on top of.

Provides the information that an application may need to know in order to communicate in an integration of two or more business applications. The ApplicationArea is used at the applications layer of communication. While the integration frameworks web services and middleware provide the communication layer that OAGIS operates on top of.

Name	**ApplicationArea**
Type	**ApplicationArea**
Nillable	**no**
Abstract	**no**

XML Instance Representation

```
<ApplicationArea>
   <Sender> Sender </Sender> [1]
   <CreationDateTime> DateTime </CreationDateTime> [1]
   <Signature> Signature </Signature> [0..1]
   <BODId> Code </BODId> [0..1]
   <Destination> Destination </Destination> [1]
</ApplicationArea>
```

Header

Name	**Header**

Type	**PartsShipmentHeader**
Nillable	**no**
Abstract	**no**

XML Instance Representation

```
<Header>
   <DocumentDateTime> DocumentDateTime </DocumentDateTime> [0..1]
   <SecondaryPassword> SecondaryPassword </SecondaryPassword> [0..1]
   <SecondaryDealerNumber> SecondaryDealerNumber </SecondaryDealerNumber> [0..1]
   <DocumentId> DocumentId </DocumentId> [0..1]
   <TransactionType> InvoiceShipment </TransactionType> [0..1]
   <ShipDate> ShipDate </ShipDate> [0..1]
   <ReferenceNumber> ReferenceNumber </ReferenceNumber> [0..1]
   <ShipmentCarrier> ShipmentCarrier </ShipmentCarrier> [0..1]
   <PDC> PDC </PDC> [0..1]
   <ShippingPDC> ShippingPDC </ShippingPDC> [0..1]
   <TotalPartPieces> TotalPartPieces </TotalPartPieces> [0..1]
   <ProcessDate> ProcessDate </ProcessDate> [0..1]
   <AccessoriesDiscountAmount> AccessoriesDiscountAmount </AccessoriesDiscountAmount> [0..1]
   <OtherDiscountAmount> OtherDiscountAmount </OtherDiscountAmount> [0..1]
   <TotalDiscountAmount> TotalDiscountAmount </TotalDiscountAmount> [0..1]
   <Tax> Tax </Tax> [0..*]
   <TotalAmount> TotalAmount </TotalAmount> [0..1]
   <SalesPromotionCode> SalesPromotionCode </SalesPromotionCode> [0..1]
   <ProcessCode> ProcessCode </ProcessCode> [0..1]
   <ManufacturerOrderNumber> ManufacturerOrderNumber </ManufacturerOrderNumber> [0..1]
   <ETADateTime> ETADateTime </ETADateTime> [0..1]
   <FOBTerms> FOBTerms </FOBTerms> [0..1]
   <FreightTerms> FreightTerms </FreightTerms> [0..1]
   <ShipTo> ShipToPartyPermit </ShipTo> [0..1]
   <HTSSummary> HTSSummary </HTSSummary> [0..*]
   <Boxing> Boxing </Boxing> [0..1]
   <PartsShipmentLineBoxingType> PartsShipmentLineBoxingType </PartsShipmentLineBoxingType> [0..1]
   <ShipPriority> ShipPriority </ShipPriority> [0..1]
</Header>
```

Line

Name	**Line**
Type	**PartsShipmentLine**
Nillable	**no**
Abstract	**no**

XML Instance Representation

```
<Line>
   <LineNumber> LineNumber </LineNumber> [0..1]
   <ShipmentNumber> ShipmentNumber </ShipmentNumber> [0..1]
   <Item> ShipPart </Item> [0..1]
   <OrderQuantity> OrderQuantity </OrderQuantity> [0..1]
   <BackOrderQuantity> BackOrderQuantity </BackOrderQuantity> [0..1]
   <QuantityShipped> QuantityShipped </QuantityShipped> [0..1]
   <UnitPack> UnitPack </UnitPack> [0..1]
   <PartDimensions> PartDimensions </PartDimensions> [0..1]
   <FormerPartNumber> FormerPartNumber </FormerPartNumber> [0..1]
   <PartCountry> PartCountry </PartCountry> [0..1]
   <Price> Price </Price> [0..1]
   <OrderReferenceNumber> OrderReferenceNumber </OrderReferenceNumber> [0..1]
   <DiscountCode> DiscountCode </DiscountCode> [0..1]
   <DiscountPercentage> DiscountPercentage </DiscountPercentage> [0..1]
   <TaxInd> TaxInd </TaxInd> [0..1]
   <Tax> Tax </Tax> [0..*]
   <ReturnReasonCode> ReturnReasonCode </ReturnReasonCode> [0..1]
   <RestockCode> RestockCode </RestockCode> [0..1]
   <ProcessDate> ProcessDate </ProcessDate> [0..1]
   <SalesPromotionCode> SalesPromotionCode </SalesPromotionCode> [0..1]
   <ProcessCode> ProcessCode </ProcessCode> [0..1]
   <InventoryMovementDemandCode> InventoryMovementDemandCode </InventoryMovementDemandCode> [0..1]
   <MiscellaneousNotes> MiscellaneousNotes </MiscellaneousNotes> [0..1]
   <ManufacturerOrderNumber> ManufacturerOrderNumber </ManufacturerOrderNumber> [0..1]
```

```
   <HTSCode> HTSCode </HTSCode> [0..1]
   <HazmatInd> HazmatInd </HazmatInd> [0..1]
   <TotalSubjectToDutyAmount> TotalSubjectToDutyAmount </TotalSubjectToDutyAmount> [0..1]
   <ExtendedCoreAmount> ExtendedCoreAmount </ExtendedCoreAmount> [0..1]
   <CoreUnitAmount> CoreUnitAmount </CoreUnitAmount> [0..1]
   <ETADate> ETADate </ETADate> [0..1]
   <ConveyanceNumber> ConveyanceNumber </ConveyanceNumber> [0..1]
   <CaseMarks> CaseMarks </CaseMarks> [0..1]
   <CaseCartonNumber> CaseCartonNumber </CaseCartonNumber> [0..1]
   <RackContainerType> RackContainerType </RackContainerType> [0..1]
   <RackContainerQuantity> RackContainerQuantity </RackContainerQuantity> [0..1]
   <RackContainerNumber> RackContainerNumber </RackContainerNumber> [0..1]
   <RackContainerDeposit> RackContainerDeposit </RackContainerDeposit> [0..1]
   <ETADateTime> ETADateTime </ETADateTime> [0..1]
   <ShipPriority> ShipPriority </ShipPriority> [0..1]
   <OrderLineNumber> OrderLineNumber </OrderLineNumber> [0..1]
</Line>
```

PartsShipment

These field(s) use this type: **PartsShipment.**

Name	**PartsShipment**
Type	**PartsShipment**
Nillable	**no**
Abstract	**no**

XML Instance Representation

```
<PartsShipment>
   <Header> ... </Header> [1]
   <Line> ... </Line> [1..*]
</PartsShipment>
```

Process

Process Parts Shipment

These field(s) use this type: **Process.**

The Process verb is used to request processing of the associated noun by the receiving application or business to party. In a typical external exchange scenario a Process BOD is considered to be a legally binding message. For example, if a customer sends a ProcessPurchaseOrder BOD to a supplier and the supplier acknowlegdes with a positive AcknowledgePurchaseOrder, then the customer is obligated to fullfil the agreement, unless of course other BODs are allowed to cancel or change the original order.

Name	**Process**
Type	**Process**
Nillable	**no**
Abstract	**no**

XML Instance Representation

```
<Process
confirm="ConfirmType [0..1]"
acknowledge="AcknowledgementType [0..1]">
   <Criteria> ActionExpressionCriteria </Criteria> [0..1]
</Process>
```

ProcessPartsShipment

These field(s) use this type: **ProcessPartsShipment.**

Name	**ProcessPartsShipment**
Type	**ProcessPartsShipment**
Nillable	**no**
Abstract	**no**

XML Instance Representation

```
<ProcessPartsShipment
revision="Text [0..1]"
release="8.1-Lite [0..1]"
```

```
environment="Text [0..1]"
lang="Language [0..1]"
bodVersion="Text [0..1]">
   <ApplicationArea> ... </ApplicationArea> [1]
   <DataArea> ProcessPartsShipmentDataArea </DataArea> [1]
</ProcessPartsShipment>
```

Verb

These field(s) use this type: **Verb.**

Name	**Verb**
Type	**Verb**
Nillable	**no**
Abstract	**yes**

XML Instance Representation

```
<Verb/>
```

Process Parts Shipment