

Standards for Technology in Automotive Retail

Implementation Guidelines
Cancel Vehicle Order
Repository Version Rev4.5.4

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Cancel Vehicle Order Guidelines

Overview

This document is a guideline on how to use the Cancel Vehicle Order Business Object Document (BOD). Cancel Vehicle Order has been defined in the context of STAR for the Automotive Retail Industry. The scope of this BOD is to define the Cancel Vehicle Order 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 Cancel Vehicle Order, this BOD could be used to send Cancel Vehicle Order information between any two business parties.

Implementation Guidelines provide detailed information regarding the structure and meaning of the Cancel Vehicle Order BOD and corresponds directly to the Cancel Vehicle Order 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 <u>MUST</u> be followed to be STAR Compliant. Therefore, the Cancel Vehicle Order Implementation Guidelines must be used in concert with the Cancel Vehicle Order schema during development and should <u>NOT</u> 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 Cancel Vehicle Order 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 Cancel Vehicle Order BOD. Where possible, STAR has mapped to existing OAGI fields and components. Note however that the STAR Cancel Vehicle Order 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

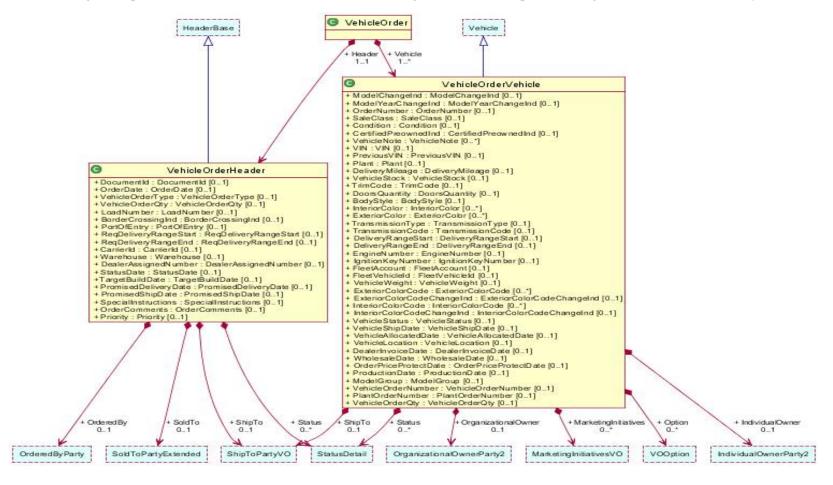
STAR uses the same Noun in the schema for all the Noun/Verb combinations of the Cancel Vehicle Order except the Get verb. Please refer to each Noun/Verb combination within this document to understand the requirements for each specific BOD. Although the Noun will always have every field defined for the 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

BUSINESS SCENARIO MISSING. Please make sure it is defined in the build script.

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.

Address

Name	Address
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
qualifier		R	

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 R street name and number.		
City	Is the City of the Address.	R	
County	County in which the Address is in.	O	
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

<...

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	
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	

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

AlternatePartyld

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 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 serve the application, and the task that was processing to create the BOD.		
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 f	DateTime fields must be formatted as XML Schema Datetimes in UTC/GMT format without offsets.
			Example: 2003-11-05T13:15:30Z
Signature	If the BOD is to be signed the signature element is included, otherwise i 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 allowin 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 choic of which digital signature to use is left up to the user and their integration needs.	g e	

Field / Component	Description	R/O	Business Rule
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.	0	
Destination	Information related to the receiver of the BOD	R	

XML Instance Representation

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.	О	

Field / Component	Description	R/O	Business Rule
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 no 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).		
lang	Indicates the language that the contents of the BOD is in unless otherwise stated.	О	
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.	e e	

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

Cancel

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

Name	Cancel
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Verb		R	

XML Instance Representation

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

CancelVehicleOrder

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

Name	CancelVehicleOrder
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.	2	
DataArea		R	

XML Instance Representation

CancelVehicleOrderDataArea

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

Name	CancelVehicleOrderDataArea
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Cancel	The Cancel verb is used when the sender of the BOD is not the of the data, but is sending a request for the document to be cancele example is the Cancel PO where the business implications must calculated and a simple data processing term such as delete can convey the business meaning and required processing associated meaning.	l.An be not fully	
VehicleOrder		R	

XML Instance Representation

CarrierId

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

Carrier Code

Name	CarrierId
Abstract	no

XML Instance Representation



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]"/>

ContactBase

Name	ContactBase
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Telephone	Contact telephone numbers	О	
EMailAddress	Contact Email addresses	О	
Fax	Contact Fax numbers	О	
PreferredContactMethod	Preferred contact method	О	
ContactTime	Preferred contact time (i.e. Best day/time to reach the contact.	О	
PrimaryContactInd	Indicates if contact is primary contact	О	

```
<...>
    <Telephone> IndividualPartyContactTelephoneNumber </Telephone> [0..*]
    <EMailAddress> IndividualPartyContactEMail </EMailAddress> [0..*]
    <Fax> IndividualPartyContactFax </Fax> [0..*]
    <PreferredContactMethod> PreferredContactMethod </PreferredContactMethod> [0..1]
    <ContactTime> ContactTime </ContactTime> [0..1]
    <PrimaryContactInd> PrimaryContactInd </PrimaryContactInd> [0..1]
</...>
```

Count

Simple quantity type with no attributes

Name	Count
Abstract	no

XML Instance Representation

DeliveryMileage

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

Odometer reading of vehicle at time of delivery

Name	DeliveryMileage
Abstract	no

```
<...
uom="MileageMeasure [0..1]">
Mileage
</...>
```

Description

Description

Nan	ne	Description
Abs	tract	no

Attributes

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

XML Instance Representation

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)	0	Must use a valid code from the ShortMfg/RSP list on http://www.starstandards.org
DestinationURI	Physical address of the destination	О	

Field / Component	Description	R/O	Business Rule
DestinationSoftwareCode	Additional information about the destination application	О	
DestinationSoftware	For which software destination file is intended (may not be known).	О	
DealerNumber	Target Dealer Code receiving information	O	If this is a fleet account order, the fleet account code would be in the DealerNumber field.
StoreNumber	Dealer code store number (DMS assigned)	О	
AreaNumber	Dealer code area number (DMS vendor assigned)	О	
DealerCountry	Target Dealer country location	О	
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. Th suggested format for Dealers is: ShortMfgCode+Dealer Number.		
LocationId	The Location Id field uniquely identifies the location of the Receiver of 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.	•	
ServiceId	The Service Id field identifies the particular service to which a message is being sent, e.g., an inventory service.	O	

```
<DealerCountry> Country </DealerCountry> [0..1]
  <PartyId> PartyId </PartyId> [0..1]
  <LocationId> LocationId </LocationId> [0..1]
  <ServiceId> ServiceId </ServiceId> [0..1]
  </...>
```

DocumentId

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

Is the identifier for the document.

Name	DocumentId
Abstract	no

XML Instance Representation



DoorsQuantity

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

Number of doors on vehicle

Name	DoorsQuantity
Abstract	no

XML Instance Representation



FleetVehicleId

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

Uniquely identifies the vehicle as part of a fleet company

Name	FleetVehicleId
Abstract	no

XML Instance Representation

<>
Id

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.	О	
SecondaryPassword	Secondary password used to validate access to the dealer information	О	
SecondaryDealerNumber	Identifies secondary dealer number if different than primary "Dealer Number"	О	

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

ld

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

Party Identification number

Name Id
Abstract no

XML Instance Representation

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

IndividualOwnerParty2

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

Name	IndividualOwnerParty2
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
AlternatePartyIds	Individual party alternate party Identification	О	
PersonName	Individual party name	О	
Address	Individual party address	О	
Contact	Individual party contact information	О	

IndividualPartyAddress

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

Name	IndividualPartyAddress
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.	О	
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	О	

```
<...
qualifier="AddressQualifier [0..1]">
    <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]
  </...>
```

IndividualPartyAlternatePartyId

These field(s) use this type: AlternatePartyIds.

Name	IndividualPartyAlternatePartyId
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.	О	
ExpirationDate	Expiration date of the alternate party id (e.g., Driver's License expiration date).	О	

XML Instance Representation

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

IndividualPartyContact2

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

Name	IndividualPartyContact2
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Telephone	Contact telephone numbers	О	
EMailAddress	Contact Email addresses	О	
Fax	Contact Fax numbers	O	
PreferredContactMethod	Preferred contact method	O	
ContactTime	Preferred contact time (i.e. Best day/time to reach the contact.	O	
PrimaryContactInd	Indicates if contact is primary contact	O	
PersonName	Contact name	О	

XML Instance Representation

```
<Telephone> IndividualPartyContactTelephoneNumber </Telephone> [0..*]
<EMailAddress> IndividualPartyContactEMail </EMailAddress> [0..*]
<Fax> IndividualPartyContactFax </Fax> [0..*]
<PreferredContactMethod> PreferredContactMethod </PreferredContactMethod> [0..1]
<ContactTime> ContactTime </ContactTime> [0..1]
<PrimaryContactInd> PrimaryContactInd </PrimaryContactInd> [0..1]
<PersonName> IndividualPartyPersonName2 </PersonName> [0..1]

</...>
```

IndividualPartyContactEMail

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

Individual Party email

Name	IndividualPartyContactEMail
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
desc		R	

XML Instance Representation

IndividualPartyContactFax

These field(s) use this type: \underline{Fax} .

Individual Party Fax number

Name	IndividualPartyContactFax
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
desc		R	

Individual Party Contact Telephone Number

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

IndividualParty telephone number

Name	IndividualPartyContactTelephoneNumber
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
desc		R	
exten		R	

XML Instance Representation

```
<...
desc="ContactTelephoneNumberDescription [0..1]"
exten="Note [0..1]">
    xsd:string
</...>
```

IndividualPartyPersonName2

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

Name	IndividualPartyPersonName2
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Salutation	Title or greeting of business party	О	

Field / Component	Description	R/O	Business Rule
GivenName	First Name of business party	R	
MiddleName	Middle Initial of business party	О	
FamilyName	Last Name of business party	R	
Suffix	Business Party name suffix designation if individual Ex: Sr, Jr, III, etc.	O	
FormattedName	Full Name of business party. Format for name should be "First Last" with no commas between first and last name	О	

XML Instance Representation

Initiativeld

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

Initiative Identification (i.e., Manufacturer incentive reimbursement program identification or dealer offerings)

Name	Initiativeld
Abstract	no

XML Instance Representation



ItemQuantity

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

Quantity of Part number.

Name ItemQuantity

Abstract no

XML Instance Representation

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

LocationId

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

Code identifying a physical location

Name LocationId

Abstract no

XML Instance Representation



MarketingInitiativesVO

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

Name MarketingInitiativesVO

Abstract no

Field / Component	Description	R/O	Business Rule
InitiativeType	Type of program - Incentive or program related initiatives	О	
InitiativeId	Initiative Identification (i.e., Manufacturer incentive reimbursement program identification or dealer offerings)	О	
ReimbursementId	Reimbursement certificate or coupon identification	O	
ReimbursementComment	Reimbursement dealer comments	O	
ReimbursementAmount	Amount returned to payee	O	
ReimbursementPayee	Indicates who is paid - It can be either a code (D - Dealer or C - Customer) or the recipient name of reimbursement	О	
FleetAccount	Manufacturer Fleet number	O	
InitiativeDate	The date the initiative was processed.	O	
InitiativeChangeInd	Can the initiative be changed in this order?	O	

XML Instance Representation

Measurement

Decimal measurement

Name	Measurement
------	-------------

Abstract

no

XML Instance Representation

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

Mileage

Mileage definition

Name	Mileage
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
uom		О	

XML Instance Representation

```
<...
uom="MileageMeasure [0..1]">
        Count
</...>
```

ModelGroup

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

Grouping of similar models for order management purposes

Name	ModelGroup
Abstract	no

XML Instance Representation

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

${\bf Number Of Options}$

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

Numbers of options in this set

Name	NumberOfOptions
Abstract	no

XML Instance Representation

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

OptionCost

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

Actual Dealer cost of option

Name	OptionCost
Abstract	no

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

OptionMSRP

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

Option MSRP

Name OptionMSRP
Abstract no

XML Instance Representation

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

OrderedByParty

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

Name	OrderedByParty
Abstract	no

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

XML Instance Representation

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.	О	
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]
  </...>
```

OrganizationalOwnerParty2

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

Name	OrganizationalOwnerParty2
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.	О	
Contact	Organizational Party contact information	O	

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

```
<DBAName> DBAName </DBAName> [0..1]
<Contact> OrganizationContact </Contact> [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.	О	
ExpirationDate	Expiration date of the alternate party id (e.g., Driver's License expiration date).	О	

XML Instance Representation

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

OrganizationContact

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

Name OrganizationContact

Abstract no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PersonName	Contact name	О	
Telephone	Contact telephone numbers	О	
EMailAddress	Contact Email address	О	
Fax	Contact Fax number	О	
PreferredContactMethod	Preferred contact method	О	
ContactTime	Preferred contact time (i.e. Best day/time to reach the contact.	O	

XML Instance Representation

OrganizationContactPersonName

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

Derived from oa:PersonName

Name	OrganizationContactPersonName
Abstract	no

Field / Component	Description	R/O	Business Rule
GivenName	First Name of business party	R	
FamilyName	Last Name of business party	R	
FormattedName	Full Name of business party. Format for name should be "First Last" with no commas between first and last name	О	

XML Instance Representation

```
<...>
    <GivenName> Name </GivenName> [1]
    <FamilyName> Name </FamilyName> [1]
    <FormattedName> Name </FormattedName> [0..1]
    </...>
```

${\bf Organization Party Base}$

Name	OrganizationPartyBase
Abstract	no

Data Elements and Components

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

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

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

</...>
```

OrganizationPartyEmail

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

Organization email

Name	OrganizationPartyEmail
Abstract	no

XML Instance Representation

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

OrganizationPartyFax

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

OrganizationFax number

Name	OrganizationPartyFax
Abstract	no

XML Instance Representation

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

OrganizationPartyTelephone

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

OrganizationParty telephone number

Name	OrganizationPartyTelephone
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
desc		R	
exten		R	

XML Instance Representation

```
<...
desc="ContactTelephoneNumberOrganizationDescription [0..1]"
exten="Note [0..1]">
        xsd:string
</...>
```

PartyBase

Derived from oa:Party

Name	PartyBase
Abstract	no

Data Elements and Components

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

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

Partyld

These field(s) use this type: **<u>DealerNumber,PartyId,DealerNumber,PartyId,PartyId.</u>**

Party Identification Number

Name	Partyld
Abstract	no

XML Instance Representation

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

Quantity

A decimal value with uom

Name	Quantity
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
uom		R	



ReimbursementAmount

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

Amount returned to payee

Name	ReimbursementAmount
Abstract	no

XML Instance Representation

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

Reimbursementld

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

Reimbursement certificate or coupon identification

Name	ReimbursementId
Abstract	no

XML Instance Representation



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



Sender

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

Name	Sender
Abstract	no

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		
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		

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 correlat a response BOD to an originating BOD		
AuthorizationId	Identifyies the authorization level of the user or application that is sending the Business Object Document Message. This authorization lev being recognized be the receiving system indicates what can be done on the receiving system. For STAR, this is the User ID.		
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	О	
DealerNumber	Dealer Code of source of information	0	If this is a fleet account order, the fleet account code would be in the DealerNumber field.
StoreNumber	Dealer code store number (DMS assigned)	О	
AreaNumber	Dealer code area number (DMS vendor assigned)	О	
DealerCountry	Source Dealer country location	О	
Language	This code is used to define the language of the data used in this transaction	0	
DeliverPendingMailInd	Indicates if the user requests to receive pending mail that has been store 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.	ed O	

Field / Component	Description	R/O	Business Rule
Password	Token for application specific authentication. Used to authenticate dealership/users through application specific security	О	
SystemVersion	The sender's software version number.	О	
PartyId	The Party Id field uniquely identifies the Sender of the message. The element can be used for parties within the Automotive Community well as external parties. Party Id is not intended as a replacement for Dealer Number. Suggested formats for OEMs or other large institutional include: DUNs Number, ShortMfgCode + DUNs, or ShortMfgCode suggested format for Dealers is: ShortMfgCode+Dealer Number.	as or the tions	
LocationId	The Location Id field uniquely identifies the location of the Sender message. This Id may be aligned with a physical address or data ce This field provides an additional level of granularity beyond the use the Party Id for additional routing and deliver of data.	nters.	
ServiceId	The Service Id field identifies the particular service from which a message is being sent, e.g., an inventory service.	О	

```
<...>
 <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

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 itsel 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		
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		
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	

Field / Component	Description	R/O	Business Rule
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		
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.		

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]
</...>
```

Serviceld

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	Serviceld
Abstract	no

XML Instance Representation



SetId

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

Identification of the group of options

Name	SetId
Abstract	no

XML Instance Representation



ShipToPartyVO

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

Name	ShipToPartyVO
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	О	
AlternatePartyIds	Alternate organizational party Identification	О	
Name	Company name of organizational party	О	
Address	Organizational Party address	О	
DBAName	Doing Business As name.	О	
Contact	Contact information for the business party	О	
LocationId	Code identifying the physical location of a dealer.	O	
ShipToChangeInd	Indicates if Ship To be changed.	О	

ShipWarehouse

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

Warehouse override code. Indicates which warehouse or distribution center to ship from.

N	ame	ShipWarehouse
A	bstract	no

XML Instance Representation

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

Signature

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

Name	Signature
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
qualifyingAgency		О	

Data Elements and Components

Field / Component Description R/O Business Rule	Field / Component	Description	R/O	
---	-------------------	-------------	-----	--

XML Instance Representation

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

SoldToPartyExtended

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

Name	SoldToPartyExtended
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	О	
Address	Organizational Party address	О	
DBAName	Doing Business As name.	O	
Contact	Contact information for the business party	O	

Status Detail

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

Name	StatusDetail Statu
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
StatusCode	A code identifying the reason for the status message.	О	
StatusText	Descriptive status text.	О	
ItemQuantity	Quantity of the part that has the specified status.	O	
ShipWarehouse	Line item warehouse override code. Indicates which warehouse or distribution center to ship part form.	О	

```
<...>
    <StatusCode> StatusCode </StatusCode> [0..1]
    <StatusText> StatusText </StatusText> [0..1]
    <ItemQuantity> ItemQuantity </ItemQuantity> [0..1]
    <ShipWarehouse> ShipWarehouse </ShipWarehouse> [0..1]
    </...>
```

Vehicle

Name	9	Vehicle
Abst	ract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Model	Manufacturer-assigned model code of vehicle - Usually available in VIN number (use NCIC code)	the O	
ModelYear	Vehicle designated model year	О	
ModelDescription	Descriptive vehicle model name	О	
Make	Vehicle make code - Usually available in the VIN number (use NCI code).	СО	

XML Instance Representation

```
<...>
    <Model> Model </Model> [0..1]
    <ModelYear> ModelYear </ModelYear> [0..1]
    <ModelDescription> ModelDescription </ModelDescription> [0..1]
    <Make> Make </Make> [0..1]
</...>
```

VehicleOrder

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

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STAR Version 1.0, STAR approved 04/20/2005; OAGI approved 03/03/2005; effective date 07/04/2005

Name	VehicleOrder
Abstract	no

Data Elements and Components

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

XML Instance Representation

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

VehicleOrderHeader

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

Header information related to Vehicle Order

Name	VehicleOrderHeader
Abstract	no

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.	О	
SecondaryPassword	Secondary password used to validate access to the dealer information	O	
SecondaryDealerNumber	Identifies secondary dealer number if different than primary "Dealer Number"	О	
DocumentId	Manufacturer order reference number for this Order (VON)	0	Please note that although the schema shows this as an Optional field, in this BOD usage it should be Required.

Field / Component	Description	R/O	Business Rule
OrderDate	Date of original vehicle order	О	Please note that although the schema shows this as an Optional field, in this BOD usage it should be Required.
			YYYY-MM-DD
VehicleOrderType	Vehicle order type entered or selected at dealership	0	(INACTIVE)
OrderedBy	Business party who ordered the vehicle(s)	0	(INACTIVE)
SoldTo	Business party wo was invoiced for the vehicle(s)	0	(INACTIVE)
ShipTo	Business entity that is receiving the vehicle(s)	О	(INACTIVE)
VehicleOrderQty	Total Number of Vehicles in this Order	О	(INACTIVE)
LoadNumber	Shipment carrier-assigned load number	О	
BorderCrossingInd	Border crossing Indicator	0	(INACTIVE)
PortOfEntry	Vehicle Port of Entry	0	(INACTIVE)
ReqDeliveryRangeStart	Vehicle earliest estimated time of arrival at Ship To dealer	0	(INACTIVE)
ReqDeliveryRangeEnd	Vehicle latest estimated time of arrival at Ship To dealer	О	(INACTIVE)
CarrierId	Vehicle Shipment Carrier (Name or Code)	О	(INACTIVE)
Warehouse	Warehouse or Distribution Center vehicle shipped from	О	(INACTIVE)
DealerAssignedNumber	The number given to an order by a dealer.	O	Please note that although the schema shows this as an Optional field, in this BOD usage it should be Required.

Field / Component	Description	R/O	Business Rule
StatusDate	The date the current status was recorded	0	(INACTIVE)
TargetBuildDate	The date the OEM expects to build the vehicle	0	(INACTIVE)
PromisedDeliveryDate	Indicates when the order is promised for delivery	0	(INACTIVE)
PromisedShipDate	Indicates when the order is promised for shipment	0	(INACTIVE)
SpecialInstructions	Free form text identifying unique handling of order	0	(INACTIVE)
OrderComments	Free form text of remarks regarding the order	О	(INACTIVE)
Priority	Shipment priority.	О	(INACTIVE)
Status	Status of entire order	0	(INACTIVE)

```
<CarrierId> CarrierId </CarrierId> [0..1]
  <Warehouse> Warehouse </Warehouse> [0..1]
  <DealerAssignedNumber> DealerAssignedNumber </DealerAssignedNumber> [0..1]
  <StatusDate> StatusDate </StatusDate> [0..1]
  <TargetBuildDate> TargetBuildDate </TargetBuildDate> [0..1]
  <PromisedDeliveryDate> PromisedDeliveryDate </PromisedDeliveryDate> [0..1]
  <PromisedShipDate> PromisedShipDate </PromisedShipDate> [0..1]
  <SpecialInstructions> SpecialInstructions </SpecialInstructions> [0..1]
  <OrderComments> OrderComments </OrderComments> [0..1]
  <Priority> Priority </Priority> [0..1]
  <Status> StatusDetail </Status> [0..*]
  </...>
```

VehicleOrderQty

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

Total Number of Vehicles

Name	VehicleOrderQty
Abstract	no

XML Instance Representation

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

VehicleOrderVehicle

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

Name	VehicleOrderVehicle
Abstract	no

Field / Component	Description	R/O	Business Rule
Model	Manufacturer-assigned model code of vehicle - Usually available in the VIN number (use NCIC code)	O	
ModelYear	Vehicle designated model year	O	
ModelDescription	Descriptive vehicle model name	О	
Make	Vehicle make code - Usually available in the VIN number (use NCIC code).	О	
ModelChangeInd	Model can be changed in this order Indicator	O	(INACTIVE)
ModelYearChangeInd	Model Year can change in this order indicator	О	(INACTIVE)
OrderNumber	Customer assigned Order Number associated with the vehicle	О	(INACTIVE)
SaleClass	Class of Sale	О	(INACTIVE)
Condition	Condition of Vehicle - Example: Excellent, Good, Fair, Poor, Unknown	ı O	(INACTIVE)
CertifiedPreownedInd	Identifies as a certified Pre-Owned Vehicle	О	(INACTIVE)
VehicleNote	Any vehicle related notes	О	(INACTIVE)
VIN	Federally defined 17 position vehicle identification number	О	(INACTIVE)
PreviousVIN	Previous or Temporary VIN	О	(INACTIVE)
Plant	Factory or Port of origin of vehicle	О	(INACTIVE)
	Odometer reading of vehicle at time of delivery	О	(INACTIVE)
VehicleStock	Dealer assigned vehicle stock number of the sale	О	(INACTIVE)
TrimCode	Manufacturer assigned trim code	О	(INACTIVE)

Description	R/O	Business Rule
Number of doors on vehicle	О	(INACTIVE)
Manufacturer-assigned vehicle body style	О	(INACTIVE)
Vehicle Interior Color(s) Description	О	(INACTIVE)
Vehicle Exterior Color(s) Description	0	(INACTIVE)
Vehicle Transmission type	О	(INACTIVE)
Vehicle Options	О	(INACTIVE)
Transmission Serial Number	О	(INACTIVE)
The earliest date of delivery of vehicle to Ship To	О	(INACTIVE)
The latest date of delivery of vehicle to Ship To	О	(INACTIVE)
Serial number of the engine if vehicle not made for US sale	О	(INACTIVE)
Vehicle Ignition Key Number	О	(INACTIVE)
Manufacturer defined fleet account number	О	(INACTIVE)
Uniquely identifies the vehicle as part of a fleet company	О	(INACTIVE)
Vehicle weight	О	(INACTIVE)
Vehicle exterior color code	О	(INACTIVE)
Can the Exterior Color Code be changed in this order indicator	О	(INACTIVE)
	Number of doors on vehicle Manufacturer-assigned vehicle body style Vehicle Interior Color(s) Description Vehicle Exterior Color(s) Description Vehicle Transmission type Vehicle Options Transmission Serial Number The earliest date of delivery of vehicle to Ship To The latest date of delivery of vehicle to Ship To Serial number of the engine if vehicle not made for US sale Vehicle Ignition Key Number Manufacturer defined fleet account number Uniquely identifies the vehicle as part of a fleet company Vehicle weight Vehicle exterior color code	Number of doors on vehicle Manufacturer-assigned vehicle body style Vehicle Interior Color(s) Description O Vehicle Exterior Color(s) Description O Vehicle Transmission type O Vehicle Options O Transmission Serial Number O The earliest date of delivery of vehicle to Ship To The latest date of delivery of vehicle to Ship To O Serial number of the engine if vehicle not made for US sale Vehicle Ignition Key Number O Manufacturer defined fleet account number O Uniquely identifies the vehicle as part of a fleet company Vehicle weight O Vehicle exterior color code O

Field / Component	Description	R/O	Business Rule
InteriorColorCode	Vehicle Interior color code	О	(INACTIVE)
InteriorColorCodeChangeInd	Can the Interior Color Code be changed in this order indicator	О	(INACTIVE)
VehicleStatus	Vehicle status code - Example status could be Built, Scheduled, Ship In-Transit, Sold, etc.	ped, O	(INACTIVE)
VehicleShipDate	Date shipped from warehouse or distribution center	О	(INACTIVE)
VehicleAllocatedDate	Date vehicle was allocated and/or a delivery work order was cut	О	(INACTIVE)
VehicleLocation	Indicates the physical location of the vehicle	О	(INACTIVE)
DealerInvoiceDate	Date the dealer was invoiced for the vehicle	О	(INACTIVE)
WholesaleDate	Date the vehicle was wholesaled to dealer	О	(INACTIVE)
OrderPriceProtectDate	Effective date the order price was set	О	(INACTIVE)
ProductionDate	Date the vehicle is to be built or arrive at port	О	(INACTIVE)
ModelGroup	Grouping of similar models for order management purposes	О	(INACTIVE)
IndividualOwner	Individual party who purchased the vehicle(s)	О	(INACTIVE)
OrganizationalOwner	Individual party who purchased the vehicle(s)	О	(INACTIVE)
ShipTo	Business entity that is receiving the vehicle(s)	О	(INACTIVE)
VehicleOrderNumber	Manufacturer assigned Vehicle Order Number (VON)	0	Please note that although the schema shows this as an Optional field, in this BOD usage it should be Required.

Field / Component	Description	R/O	Business Rule
PlantOrderNumber	Manufacturing plant vehicle order number	О	(INACTIVE)
Status	Status of vehicle	О	(INACTIVE)
MarketingInitiatives	Marketing initiatives related to vehicle sale	0	(INACTIVE)
VehicleOrderQty	Quantity of this specific vehicle configuration that is being ordered	0	(INACTIVE)

```
<...>
 <Model> Model </Model> [0..1]
 <ModelYear> ModelYear </ModelYear> [0..1]
 < ModelDescription > ModelDescription < / ModelDescription > [0..1]
 <Make> Make </Make> [0..1]
 < ModelChangeInd > ModelChangeInd > [0..1]
 <ModelYearChangeInd> ModelYearChangeInd </ModelYearChangeInd> [0..1]
 <OrderNumber> OrderNumber </OrderNumber> [0..1]
 <SaleClass> SaleClass </SaleClass> [0..1]
 <Condition> Condition </Condition> [0..1]
 <CertifiedPreownedInd> CertifiedPreownedInd </CertifiedPreownedInd> [0..1]
 < VehicleNote > VehicleNote < / VehicleNote > [0..*]
 <VIN> VIN </VIN> [0..1]
 <PreviousVIN> PreviousVIN </PreviousVIN> [0..1]
 <Plant> Plant </Plant> [0..1]
 <DeliveryMileage> DeliveryMileage </DeliveryMileage> [0..1]
 < VehicleStock > VehicleStock < / VehicleStock > [0..1]
 <TrimCode> TrimCode </TrimCode> [0..1]
 <DoorsQuantity> DoorsQuantity /DoorsQuantity> [0..1]
 <BodyStyle> BodyStyle </BodyStyle> [0..1]
 <InteriorColor> InteriorColor </InteriorColor> [0..*]
 < Exterior Color > Exterior Color < / Exterior Color > [0..*]
 <TransmissionType> TransmissionType </TransmissionType> [0..1]
 <Option> VOOption </Option> [0..*]
```

```
<TransmissionCode> TransmissionCode </TransmissionCode> [0..1]
 <DeliveryRangeStart> DeliveryRangeStart /DeliveryRangeStart> [0..1]
 <DeliveryRangeEnd> DeliveryRangeEnd </DeliveryRangeEnd> [0..1]
 <EngineNumber> EngineNumber </EngineNumber> [0..1]
 <IgnitionKevNumber> IgnitionKevNumber </IgnitionKevNumber> [0..1]
 <FleetAccount> FleetAccount /FleetAccount> [0..1]
 <FleetVehicleId> FleetVehicleId /FleetVehicleId> [0..1]
 <VehicleWeight> VehicleWeight </VehicleWeight> [0..1]
 <ExteriorColorCode> ExteriorColorCode </ExteriorColorCode> [0..*]
 <ExteriorColorCodeChangeInd> ExteriorColorCodeChangeInd </ExteriorColorCodeChangeInd> [0..1]
 <InteriorColorCode> InteriorColorCode </InteriorColorCode> [0..*]
 <InteriorColorCodeChangeInd> InteriorColorCodeChangeInd /InteriorColorCodeChangeInd> [0..1]
 < VehicleStatus > VehicleStatus > [0..1]
 <VehicleShipDate> VehicleShipDate </VehicleShipDate> [0..1]
 <VehicleAllocatedDate> VehicleAllocatedDate 
 <VehicleLocation> VehicleLocation </VehicleLocation> [0..1]
 <DealerInvoiceDate> DealerInvoiceDate </DealerInvoiceDate> [0..1]
 <WholesaleDate> WholesaleDate </WholesaleDate> [0..1]
 <OrderPriceProtectDate> OrderPriceProtectDate /OrderPriceProtectDate> [0..1]
 <ProductionDate> ProductionDate </ProductionDate> [0..1]
 <ModelGroup> ModelGroup </ModelGroup> [0..1]
 <IndividualOwner> IndividualOwnerParty2 </IndividualOwner> [0..1]
 <OrganizationalOwner> OrganizationalOwnerParty2 </OrganizationalOwner> [0..1]
 <ShipTo> ShipToPartyVO </ShipTo> [0..1]
 <VehicleOrderNumber> VehicleOrderNumber </VehicleOrderNumber> [0..1]
 <PlantOrderNumber> PlantOrderNumber </PlantOrderNumber> [0..1]
 <Status> StatusDetail </Status> [0..*]
 <MarketingInitiatives> MarketingInitiativesVO </MarketingInitiatives> [0..*]
 <VehicleOrderOty> VehicleOrderOty </VehicleOrderOty> [0..1]
</...>
```

VehicleWeight

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

Vehicle Weight

Name VehicleWeight

Abstract no

XML Instance Representation

<...>
Measurement
</...>

Verb

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

Name Verb
Abstract no

Data Elements and Components

Field / Component Description R/O Business Rule	field / Component	Description	R/O	Business Rule
---	-------------------	-------------	-----	---------------

XML Instance Representation

<.../>

VOConflictsOption

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

Name VOConflictsOption

Abstract no

Field / Component	Description	R/O	Business Rule
VOOptionSet	Conflicts Option set	О	

XML Instance Representation

```
<...>
    <VOOptionSet> VOOptionSet </VOOptionSet> [0..*]
</...>
```

VOInclusivesOption

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

Name	VOInclusivesOption
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
VOOptionSet	Inclusives Option set	О	

XML Instance Representation

```
<...>
<VOOptionSet> VOOptionSet </VOOptionSet> [0..*]
</...>
```

VOOption

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

Name	VOOption
Abstract	no

Field / Component	Description	R/O	Business Rule
OptionId	Option identifier code (i.e, AC)	О	
OptionName	Name of vehicle option	0	

Field / Component	Description	R/O	Business Rule
OptionCost	Actual Dealer cost of option	O	
OptionMSRP	Option MSRP	О	
OptionSalesCode	Further definition of accessories and option packages - Indicates whether ordered option, special package, standard, etc.	r O	
PortInstalledInd	Indicates Port-installed accessories	O	
OptionChangeInd	Can the option be changed in this order indicator	O	
Status	Option status	O	
Inclusives	Other options that must be ordered in conjunction with this option	О	
Conflicts	Other options that cannot be ordered with this option	О	
ColorDependentOptionInd	Option influences color availability indicator	О	
RequiredOption	Code of why option is required	O	

XML Instance Representation

VOOption2

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

Name	VOOption2
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
OptionId	Option identifier code (i.e, AC)	О	
OptionName	Name of vehicle option	О	
OptionCost	Actual Dealer cost of option	О	
OptionMSRP	Option MSRP	О	
OptionSalesCode	Further definition of accessories and option packages - Indicates whethe ordered option, special package, standard, etc.	r O	
PortInstalledInd	Indicates Port-installed accessories	О	
OptionChangeInd	Can the option be changed in this order indicator	О	
Status	Option status	О	
Inclusives	Other options that must be ordered in conjunction with this option	О	
Conflicts	Other options that cannot be ordered with this option	О	
ColorDependentOptionInd	Option influences color availability indicator	О	
RequiredOption	Code of why option is required	О	

XML Instance Representation

```
<-...>
    <OptionId> OptionId </OptionId> [0..1]
    <OptionName> OptionName </OptionName> [0..1]
    <OptionCost> OptionCost </OptionCost> [0..1]
    <OptionMSRP> OptionMSRP </OptionMSRP> [0..1]
    <OptionSalesCode> OptionSalesCode </OptionSalesCode> [0..1]
```

```
<PortInstalledInd> PortInstalledInd </PortInstalledInd> [0..1]
<OptionChangeInd> OptionChangeInd </OptionChangeInd> [0..1]
<Status> StatusDetail </Status> [0..*]
<Inclusives> VOInclusivesOption </Inclusives> [0..*]
<Conflicts> VOConflictsOption </Conflicts> [0..*]
<ColorDependentOptionInd> ColorDependentOptionInd </ColorDependentOptionInd> [0..1]
<RequiredOption> RequiredOption </RequiredOption> [0..1]
```

VOOptionSet

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

Name	VOOptionSet
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
SetId	Identification of the group of options	О	
NumberOfOptions	Numbers of options in this set	O	
Option	Options within set	О	

XML Instance Representation

```
<...>
    <SetId> SetId </SetId> [0..1]
    <NumberOfOptions> NumberOfOptions </NumberOfOptions> [0..1]
    <Option> VOOption2 </Option> [0..*]
    </...>
```

Warehouse

These field(s) use this type: Warehouse.

Warehouse Number

Name	Warehouse
Abstract	no

XML Instance Representation



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

AddressQualifier

Address Qualifier

Name	AddressQualifier			
Base XSD Type: string				
Code Value	Description			
WorkAddress	Work Address			
SeasonalAddress	Seasonal Address			
DeliveryAddress	Delivery Address			
HomeAddress	Home Address			
PreviousAddress	Previous Address			
Other	Other			

Code Value	Description
Garage	Garage
Billing	Billing
NonSigningSpouseAddress	Non Signing Spouse Address
N/A	Not Applicable

${\bf Assigning Organization Partyld}$

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 license number to do business.	the dealer's
GSTRegistrationId	Canadian Goods and Services Tax Id.	
HSTRegistrationId	Canadian HarmonizedTax Id.	
Certification Of Registration I	Id of the certificate of registration assigned to a business to allow that be collect and remit certain taxes or fees to a state.	usiness to
QSTRegistrationId	Quebec sales tax id.	

AssigningPartyId

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

Agency or entity that validates the Party Id

Name	AssigningPartyId		
Base XSD Type: string			
Code Value	Description		
LegalId	Legal ID		
DriversLicense	Drivers License		
NationalId	Government-assigned ID such as a social security Number		
Other	Other		
GSTRegistrationId	Canadian Goods and Services Tax Id.		
HSTRegistrationId	Canadian HarmonizedTax Id.		
PreviousAccountNumber			
QSTRegistrationId	Quebec sales tax id.		

BodyStyle

These field(s) use this type: **BodyStyle.**Manufacturer-assigned vehicle body style

Name	BodyStyle
------	-----------

Base XSD Type: string

BorderCrossingInd

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

BorderCrossing Indicator

Name	BorderCrossingInd
Base XSD Type: string	
Code Value	Description
0	
1	

CertifiedPreownedInd

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

Identifies as a certified Pre-Owned Vehicle

Name	CertifiedPreownedInd	
*Base XSD Type: string	Base XSD Type: string	
Code Value	Description	
0		
1		

City

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

City of the Address.

Name	City

Base XSD Type: string

Code

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

Unique code name

Name Code

Base XSD Type: string

ColorDependentOptionInd

These field(s) use this type: ${\color{red} \underline{\textbf{ColorDependentOptionInd.}}}$

Option influences color availability indicator

Name	ColorDependentOptionInd	
Base XSD Type: string		
Code Value	Description	
0		
1		

CompanyName

These field(s) use this type: Name.

Company name of customer

Name CompanyName

Base XSD Type: string

Condition

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

Condition of Vehicle - Example: Excellent, Good, Fair, Poor, Unknown

Base XSD Type: string

ConfirmType

Name	ConfirmType	
Base XSD Type: NMTOKEN		
Code Value	Description	
Always		
OnChange		
Never		

${\bf Contact Telephone Number Description}$

Contact Telephone Number Description

Name	ContactTelephoneNumberDescription	
Base XSD Type: string		
Code Value	Description	
Evening Phone	Evening Phone	
Day Phone	Day Phone	
Cell Phone	Cell Phone	
Pager	Pager	
Other	Other	

ContactTelephoneNumberOrganizationDescription

Contact Telephone Number Organization Description

Name	ContactTelephoneNumberOrganizationDescription
Base XSD Type: string	
Code Value	Description
Day Phone	Day Phone
Cell Phone	Cell Phone
Pager	Pager
Other	Other

ContactTime

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

Preferred contact time (i.e. Best day/time to reach the contact.

Name	ContactTime
------	-------------

Base XSD Type: string

Country

These field(s) use this type: **<u>DealerCountry, DealerCountry, Country.</u>**

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 GO -EOUATORIAL 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 MO -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 OA -OATAR 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	

Code Value	Description
AF	
AL	
DZ	
AS	
AD	
AO	
AI	
AQ	
AG	
AR	
AM	
AW	
AU	
AT	
AZ	
BS	
вн	
BD	
BB	
BY	
BE	
BZ	

Code Value	Description
ВЈ	
BM	
BT	
ВО	
BA	
BW	
BV	
BR	
IO	
BN	
BG	
BF	
BI	
КН	
CM	
CA	
CV	
KY	
CF	
TD	
CL	
CN	

Code Value	Description
CX	
CC	
СО	
KM	
CG	
CD	
CK	
CR	
CI	
HR	
CU	
CY	
CZ	
DK	
DJ	
DM	
DO	
EC	
EG	
sv	
GQ	
ER	
-	

Code Value	Description
EE	
ET	
FK	
FO	
FJ	
FI	
FR	
GF	
PF	
TF	
GA	
GM	
GE	
DE	
GH	
GI	
GR	
GL	
GD	
GP	
GU	
GT	

Code Value	Description
GN	
GW	
GY	
HT	
HM	
VA	
HN	
НК	
HU	
IS	
IN	
ID	
IR	
IQ	
IE	
IL	
IT	
JM	
JP	
JO	
KZ	
KE	

Code Value	Description
KI	
KP	
KR	
KW	
KG	
LA	
LV	
LB	
LS	
LR	
LY	
LI	
LT	
LU	
MO	
MK	
MG	
MW	
MY	
MV	
ML	
MT	

Code Value	Description
MH	
MQ	
MR	
MU	
YT	
MX	
FM	
MD	
MC	
MN	
MS	
MA	
MZ	
MM	
NA	
NR	
NP	
NL	
AN	
NC	
NZ	
NI	

Code Value	Description	
NE		
NG		
NU		
NF		
MP		
NO		
OM		
PK		
PW		
PS		
PA		
PG		
PY		
PE		
РН		
PN		
PL		
PT		
PR		
QA		
RE		
RO		

Code Value	Description
RU	
RW	
SH	
KN	
LC	
PM	
VC	
WS	
SM	
ST	
SA	
SN	
CS	
SC	
SL	
SG	
SK	
SI	
SB	
SO	
ZA	
GS	

Code Value	Description
ES	
LK	
SD	
SR	
SJ	
SZ	
SE	
СН	
SY	
TW	
ТЈ	
TZ	
ТН	
TL	
TG	
TK	
ТО	
TT	
TN	
TR	
TM	
TC	

Description
2001.p.to.1

County

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

Business party county location

Name Co	unty
---------	------

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		

Code Value	Description
внр	
BIF	
BMD	
BND	
BOB	
BRC	
BSD	
BTN	
BUK	
BWP	
BZD	
CAD	
CHF	
CLF	
CLP	
CNY	
COP	
CRC	
CSK	
CUP	
CVE	
CYP	

Code Value	Description
DDM	
DEM	
DJF	
DKK	
DOP	
DZD	
ECS	
EGP	
ESP	
ETB	
EUR	
FIM	
FKP	
FRF	
GBP	
GHC	
GIP	
GMD	
GNF	
GRD	
GTQ	
GWP	

Code Value	Description
GYD	
HKD	
HNL	
HTG	
HUF	
IDR	
IEP	
ILS	
INR	
IQD	
IRR	
ISK	
ITL	
JMD	
JOD	
JPY	
KES	
KHR	
KMF	
KPW	
KRW	
KWD	

Code Value	Description
KYD	
LAK	
LBP	
LKR	
LRD	
LSL	
LUF	
LYD	
MAD	
MGF	
MNT	
MOP	
MRO	
MTL	
MUR	
MVR	
MWK	
MXN	
MYR	
MZM	
NGN	
NIC	

Code Value	Description
NLG	
NOK	
NPR	
NZD	
OMR	
PAB	
PEI	
PGK	
PHP	
PKR	
PLZ	
PTE	
PYG	
QAR	
ROL	
RWF	
SAR	
SBD	
SCR	
SDP	
SEK	
SGD	

Code Value	Description
SHP	
SLL	
SKK	
SOS	
SRG	
STD	
SUR	
SVC	
SYP	
SZL	
ТНВ	
TND	
TOP	
TPE	
TRL	
TTD	
TWD	
TZS	
UGS	
UYP	
VEB	
VND	

Code Value	Description	
VUV		
WST YDD		
YDD		
YER YUD		
YUD		
ZAR ZRZ		
ZRZ		
ZWD		
Other		

Date

Name Da	ite
---------	-----

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

Base XSD Type: dateTime

DBAName

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

Doing Business As name.

Name DBAName

Base XSD Type: string

DealerAssignedNumber

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

The number given to an order by a dealer

Name DealerAssignedNumber

Base XSD Type: string

DealerInvoiceDate

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

Date the dealer was invoiced

Name DealerInvoiceDate

Base XSD Type: date

DeliveryRangeEnd

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

DeliveryRangeStart

Name DeliveryRangeEnd

Base XSD Type: date

DeliveryRangeStart

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

DeliveryRangeStart

Name DeliveryRangeStart

Base XSD Type: date

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

EngineNumber

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

Serial number of the engine if vehicle not made for US sale

Name EngineNumber

Base XSD Type: string

ExpirationDate

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

Expiration Date

Name ExpirationDate

Base XSD Type: date

ExteriorColor

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

Vehicle Exterior Color(s)

Name ExteriorColor

Base XSD Type: string

ExteriorColorCode

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

Vehicle exterior color code

Name ExteriorColorCode

Base XSD Type: string

ExteriorColorCodeChangeInd

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

Can the Exterior Color Code be changed indicator

Name	ExteriorColorCodeChangeInd
------	-----------------------------------

Base XSD Type: string

Code Value Description

0

1

FamilyName

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

Last Name of business party

Name FamilyName

Base XSD Type: string

FleetAccount

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

Manufacturer defined fleet account number

Name FleetAccount

Base XSD Type: string

FormattedName

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

Full Name of business party. Format for name should be "First Last" with no commas between first and last name

Name FormattedName

Base XSD Type: string

GivenName

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

First Name of business party

Name GivenName

Base XSD Type: string

HomeWork

Home or Work

Name	HomeWork	
Base XSD Type: string		
Code Value		Description
Home		Home
Work		Work
Other		Other

Ignition Key Number

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

Vehicle Ignition Key Number

Name	IgnitionKeyNumber
------	-------------------

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	

InitiativeChangeInd

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

Can the Initiative be changed indicator

Name	InitiativeChangeInd	
Base XSD Type: string		
Code Value	Description	
0		
1		

InitiativeDate

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

The date the initiative was processed.

Name	InitiativeDate
------	----------------

Base XSD Type: date

InitiativeType

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

Type of program - Incentive or program related initiatives

Name	InitiativeType	
Base XSD Type: string		
Code Value		Description
Program		Program-related initiative
Incentives		Incentive-related initiative

Code Value	Description
N/A	Not Applicable
Other	Other

InteriorColor

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

Vehicle Interior Color(s)

Name InteriorColor

Base XSD Type: string

InteriorColorCode

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

Vehicle Interior color code

Name InteriorColorCode

Base XSD Type: string

InteriorColorCodeChangeInd

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

Can the Interior Color Code be changed indicator

Name	InteriorColorCodeChangeInd
*Base XSD Type: string	
Code Value	Description
0	

Code Value	Description
1	

IssuingState

These field(s) use this type: **IssuingState,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", 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 "Chines

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	
be-BY	
bg-BG	
bh-IN	
bi-VU	
bn-BD	
bo-BT	
br-FR	
ca-ES	
co-FR	
cs-CZ	
cy-GB	

Code Value	Description
da-DE	1
de-DE	
dz-BT	
el-GR	
es-ES	
et-EE	
eu-ES	
fa-AF	
fi-FI	
fj-FJ	
fo-FO	
fr-CA	
fr-FR	
fy-NL	
ga-IE	
gd-GB	
gl-ES	
gn-PY	
gu-IN	
ha-NG	
hi-IN	
hr-HR	

Code Value	Description
hu-HU	Description
hy-AM	
ik-GL	
in-ID	
is-IS	
it-IT	
iw-IL	
ja-JP	
ji-IL	
jw-ID	
ka-GE	
kk-KZ	
kl-GL	
km-KH	
kn-IN	
ko-KP	
ko-KR	
ks-IN	
ku-IQ	
ky-CN	
la-VA	
ln-CD	
ln-CD	

Code Value	Description
lo-LA	Description
lt-LT	
lv-LV	
mg-MG	
mi-NZ	
mk-MK	
ml-IN	
mn-MN	
mo-MO	
mr-IN	
ms-MY	
mt-MH	
my-MM	
na-NR	
ne-NP	
nl-NL	
no-NO	
oc-FR	
om- ET	
or-IN	
pa-IN	
pl-PL	

Code Value	Description
ps-PK	
pt-PT	
qu-PE	
rm-CH	
rn-BI	
ro-RO	
ru-RU	
rw-RW	
sa-IN	
sd-PK	
sg-CF	
sh-HR	
si-LK	
sk-SK	
sl-SI	
sm-WS	
sn-ZW	
so-SO	
sq-AL	
sr-CS	
ss-ZA	
st-ZA	

Code Value	Description
su-SD	
sv-SE	
sw-TL	
ta-IN	
te-IN	
tg-TJ	
th-TH	
ti-ET	
tk-TM	
tl-PH	
tn-ZA	
то-ТО	
tr-TR	
ts-ZA	
tt-RU	
tw-GH	
uk-UA	
ur-PK	
uz-UZ	
vi-VN	
wo-SN	
xh-ZA	

Code Value	Description	
yo-NG		
zh-CN		
zu-ZA		

LoadNumber

These field(s) use this type: <u>LoadNumber.</u> Shipment carrier-assigned load number

Name LoadNumber

Base XSD Type: string

Make

These field(s) use this type: Make.

Vehicle make code - Usually available in the VIN number (use NCIC code).

Name Make

Base XSD Type: string

MiddleName

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

Middle Initial of business party

Name MiddleName

Base XSD Type: string

MileageMeasure

M = Miles, K = KIlometers

Name	MileageMeasure
Base XSD Type: string	
Code Value	Description
M	"M" = Modified
K	Kilometers

Model

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

Manufacturer-assigned model code of vehicle - Usually available in the VIN number (use NCIC code)

Name Model

Base XSD Type: string

ModelChangeInd

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

Model can be changed Indicator

Name	ModelChangeInd
*Base XSD Type: string	
Code Value	Description
0	
1	

ModelDescription

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

Descriptive vehicle model name

Name ModelDescription

Base XSD Type: string

ModelYear

These field(s) use this type: ModelYear.

Vehicle designated model year

Name ModelYear

Base XSD Type: gYear

ModelYearChangeInd

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

Model Year can change indicator

Name ModelYearChangeInd

Base XSD Type: string

Code Value Description

0

1

Name

These field(s) use this type: **GivenName,FamilyName,FormattedName.**

Name of the Party.

Name Name

Base XSD Type: string

Note

A free form note.

Name Note

Base XSD Type: string

OptionChangeInd

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

Can the option be changed indicator

Name OptionChangeInd

Base XSD Type: string

Code Value Description

0

1

OptionId

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

Option identifier code (i.e., AC)

Name OptionId

Base XSD Type: string

OptionName

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

Name of vehicle option

Name OptionName

Base XSD Type: string

OptionSalesCode

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

Further definition of accessories and option packages - Indicates whether ordered option, special package, standard, etc.

Name OptionSalesCode

Base XSD Type: string

OrderComments

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

Free form text of remarks regarding the order.

Name OrderComments

Base XSD Type: string

OrderDate

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

Date order originally placed

Name OrderDate

Base XSD Type: date

OrderNumber

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

Customer assigned Order Number

Name

OrderNumber

Base XSD Type: string

OrderPriceProtectDate

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

Effective date the order price was set

Name

OrderPriceProtectDate

Base XSD Type: date

Plant

These field(s) use this type: **Plant.**Factory or Port of origin of vehicle

Name

Plant

Base XSD Type: string

PlantOrderNumber

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

Manufacturing plant order number

Name

PlantOrderNumber

Base XSD Type: string

PortInstalledInd

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

Indicates Port-installed accessories

Name	Portinstalledind		
Base XSD Type: strin	g		
Code Value		Description	
0			
1			

PortOfEntry

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

Port of Entry

Name PortOfEntry

Base XSD Type: string

PostalCode

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

Postal Code of the Address.

Name PostalCode

Base XSD Type: string

PreferredContactMethod

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

Preferred contact method

Name	PreferredContactMethod
Base XSD Type: string	
Code Value	Description
Day Phone	Day Phone
Evening Phone	Evening Phone
Cell Phone	Cell Phone
Work Fax	Work Fax
Home Fax	Home Fax
Pager	Pager
Work Email	Work Email
Home Email	Home Email
US Mail	US Mail
Other	Other
N/A	Not Applicable

${\bf Preferred Contact Method Organization}$

These field(s) use this type: $\underline{\textbf{PreferredContactMethod.}}$

Preferred Contact Method Organization

Name	PreferredContactMethodOrganization	
Base XSD Type: string		
Code Value	Description	
Day Phone	Day Phone	

Code Value	Description
Cell Phone	Cell Phone
Work Fax	Work Fax
Pager	Pager
Work Email	Work Email
US Mail	US Mail
Other	Other

PreviousVIN

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

Previous or Temporary VIN

Name	PreviousVIN
------	-------------

Base XSD Type: string

PrimaryContactInd

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

Indicates if contact is primary contact

Name	PrimaryContactInd
*Base XSD Type: string	
Code Value	Description
0	
1	

Priority

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

Indicates manufacturer handling and processing urgency

Name Priority

Base XSD Type: string

ProductionDate

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

Date the vehicle is to be built or arrive at port

Name ProductionDate

Base XSD Type: date

PromisedDeliveryDate

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

Indicates the date in which the order was promised to be delivered to the customer.

Name PromisedDeliveryDate

Base XSD Type: date

PromisedShipDate

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

Indicates the date in which the order was promised to be shipped from the supplier to the customer.

Name PromisedShipDate

Base XSD Type: date

Reference

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

Reference notation

Name Reference

Base XSD Type: string

ReferenceNumber

Reference number

Name ReferenceNumber

Base XSD Type: string

ReimbursementComment

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

Reimbursement dealer comments

Name ReimbursementComment

Base XSD Type: string

ReimbursementPayee

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

Indicates who is paid

Name ReimbursementPayee

Base XSD Type: string

ReqDeliveryRangeEnd

These field(s) use this type: **<u>ReqDeliveryRangeEnd.</u>**

Latest estimated time of arrival

Name ReqDeliveryRangeEnd

Base XSD Type: date

ReqDeliveryRangeStart

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

Earliest estimated time of arrival

Name ReqDeliveryRangeStart

Base XSD Type: date

RequiredOption

These field(s) use this type: **<u>RequiredOption</u>**, **RequiredOption**.

Code of why option is required

Name	RequiredOption		
Base XSD Type: strin	g		
Code Value		Description	
Regional			
Government			
Other		Other	

SaleClass

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

Class of sale.

Name	SaleClass	
Base XSD Type: string		
Code Value		Description
New		Never owned.
Used		Previously Owned
Demo		Demonstration item.
Other		Other
N/A		Not Applicable
Floor Sample		This is a vehicle that is provided in the showroom as an example.
Factory		Identifies that the vehicle may have been used as a product demonstration for an official or executive from the manufacturer.

Salutation

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

Title or greeting of business party

Name Salutation

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

SerialNumber

Serial Number

Name

SerialNumber

Base XSD Type: string

ShipToChangeInd

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

Indicates if Ship To be changed.

Name

ShipToChangeInd

Base XSD Type: string

Code Value

Description

0

1

ShortMfg

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

Short Manfacturer or RSP Codes

Name

ShortMfg

Base XSD Type: string

SpecialInstructions

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

Free form text identifying unique handling of order.

Name SpecialInstructions

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

StatusCode

These field(s) use this type: $\underline{\textbf{StatusCode.}}$

A code identifying the reason for the status message.

Name	StatusCode
*Base XSD Type: string	
Code Value	Description
Success	The operation completed successfully. This does not necessarily mean that the BOD was processed. Instead it means that the client's role is done and that it won't receive any error messages later. Type of Response Code: Success.
Unspecified	An unspecified error occurred. The StatusText field contains the complete text.
Not In Inventory	Inventory is not currently available and back ordering was not requested.
Discontinued	The part has discontinued.

Code Value	Description
Invalid Part	Invalid part number.
Not Yet Available	The part is scheduled for a future release date and is not available at this time.
Not Authorized	The part is not authorized for your product line.
Under Development	The part is under development and not ready for sale.
Assembly Only	The part is a component part and is only available as an assembly.
Component Only	The part is an assembly part and is only available as a component.
Internal Use Only	The part is reserved for manufacturing and supplier internal use; it is not a service replacement part.
Recalled	The part has been recalled.
Cannot Sell	The part is not available for sale for an unspecified reason.
Export Only	The part is not available for sale in the United States; it is for export vehicles only.
Credit Limit Exceeded	Credit limit exceeded.
Credit Card Denied	Credit card transaction denied by creditor.
Account On Hold	The dealer's account has been put on hold.
Invalid Unit Of Measure	The unit of measurement was invalid for this part number.
Invalid Promotion Code	The promotion code is invalid.
Invalid Shipping Method	The shipping method is invalid, for example, shipping by ground to Puerto Rico.
Duplicate Line Number	The line number is the same as another line within this transaction.
No Drop Shipment	Drop shipments are not allowed.
No Will Call	Will-call pickups are not allowed.
Minimum Quantity Not Met	There is a minimum quantity purchase requirement for this part and the quantity has not been met. The minimum quantity is: NN
Other	Other

Code Value	Description
N/A	Not Applicable

StatusDate

These field(s) use this type: **StatusDate.**The date the current status was recorded

Name Status Date

Base XSD Type: date

StatusText

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

Descriptive status text.

Name StatusText

Base XSD Type: string

Suffix

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

Business Party name suffix designation if individual Ex: Sr, Jr, III, etc.

Name Suffix

Base XSD Type: string

SystemVersion

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

The sender's software version number.

Name SystemVersion

Base XSD Type: string

TargetBuildDate

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

The date the OEM expects to build the vehicle

Name TargetBuildDate

Base XSD Type: date

Text

These field(s) use this type:

 $\underline{CreatorNameCode,StoreNumber,AreaNumber,Password,DestinationSoftwareCode,DestinationSoftware,StoreNumber,AreaNumber,LogicalId,Component,Tassword,DestinationSoftwareCode,De$

Indicates generic text type

Name Text

Base XSD Type: string

TransmissionCode

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

Transmission Serial Number

Name TransmissionCode

Base XSD Type: string

TransmissionType

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

Vehicle Transmission type - 3 = 3 speed, 4 = 4 speed, 5 = 5 speed, 6 = 6 speed, A - Automatic

Name	TransmissionType
Base XSD Type: string	
Code Value	Description
3	3 Speed
4	4 Speed
5	5 Speed
6	6 Speed
A	"A" = Automatic
Automatic 3	Automatic 3 speed transmission type
Automatic 4	Automatic 4 speed transmission type
Automatic 5	Automatic 5 speed transmission type
Automatic 6	Automatic 6 speed transmission type
Automatic 7	Automatic 7 speed transmission type
7	7 Speed
CVT Automatic 3	Continuously Variable T ransmission Automatic 3 speed transmission type (natura gas and hybrid).
CVT Automatic 4	Continuously Variable T ransmission Automatic 4 speed transmission type (natura gas and hybrid).
CVT Automatic 5	Continuously Variable T ransmission Automatic 5 speed transmission type (natura gas and hybrid).
CVT Automatic 6	Continuously Variable T ransmission Automatic 6 speed transmission type (natura gas and hybrid).

Code Value	Description
CVT Automatic 7	Continuously Variable T ransmission Automatic 7 speed transmission type (natural gas and hybrid).
M	M = Manual

TrimCode

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

Manufacturer assigned trim code

Name TrimCode

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

Code Value	Description	
case	Case	
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: <u>UrbanizationCode</u>, <u>UrbanizationCode</u>.

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

VehicleAllocatedDate

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

Date vehicle was allocated and/or a delivery work order was cut

Name Vehicle Allocated Date

Base XSD Type: date

VehicleLocation

These field(s) use this type: $\underline{\text{VehicleLocation.}}$

Indicates the physical location of the vehicle

Name VehicleLocation

Base XSD Type: string

VehicleNote

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

Any vehicle related notes

Name VehicleNote

Base XSD Type: string

VehicleOrderNumber

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

Vehicle Order Number (VON)

Name VehicleOrderNumber

Base XSD Type: string

VehicleOrderType

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

Identifies vehicle order type

Name VehicleOrderType

Base XSD Type: string

VehicleShipDate

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

Date shipped from warehouse or distribution center

Name VehicleShipDate

Base XSD Type: date

VehicleStatus

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

Vehicle status code - Example status could be Built, Scheduled, Shipped, In-Transit, Sold, etc.

Name VehicleStatus

Base XSD Type: string

VehicleStock

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

Dealer assigned vehicle stock number

Name VehicleStock

Base XSD Type: string

VIN

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

Federally defined 17 position vehicle identification number

Name VIN

Base XSD Type: string

WholesaleDate

These field(s) use this type: WholesaleDate.

Date the vehicle was wholesaled to dealer

Name Wholesale Date

Base XSD Type: date

Year

Year

Name Year

Base XSD Type: gYear

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
Туре	ApplicationArea
Nillable	no
Abstract	no

XML Instance Representation

Cancel

These field(s) use this type: $\underline{Cancel.}$

The Cancel verb is used when the sender of the BOD is not the owner of the data, but is sending a request for the document to be canceled. An example is the Cancel PO where the business implications must be calculated and a simple data processing term such as delete can not fully convey the business meaning and required processing associated with the meaning.

Name	Cancel
Туре	Cancel
Nillable	no
Abstract	no

XML Instance Representation

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

CancelVehicleOrder

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

Name	CancelVehicleOrder
Туре	CancelVehicleOrder
Nillable	no
Abstract	no

XML Instance Representation

```
<CancelVehicleOrder
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> CancelVehicleOrderDataArea </DataArea> [1]
    </CancelVehicleOrder>
```

Header

Name	Header
Туре	VehicleOrderHeader
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]
 <OrderDate> OrderDate </OrderDate> [0..1]
 <VehicleOrderType> VehicleOrderType </VehicleOrderType> [0..1]
 <OrderedBy> OrderedByParty </OrderedBy> [0..1]
 <SoldTo> SoldToPartyExtended </SoldTo> [0..1]
 <ShipTo> ShipToPartyVO </ShipTo> [0..1]
 <VehicleOrderQty> VehicleOrderQty </VehicleOrderQty> [0..1]
 <LoadNumber> LoadNumber </LoadNumber> [0..1]
 <BorderCrossingInd> BorderCrossingInd </BorderCrossingInd> [0..1]
 <PortOfEntry> PortOfEntry </PortOfEntry> [0..1]
 < ReqDeliveryRangeStart > ReqDeliveryRangeStart < / ReqDeliveryRangeStart > [0..1]
 <ReqDeliveryRangeEnd> ReqDeliveryRangeEnd </ReqDeliveryRangeEnd> [0..1]
 <CarrierId> CarrierId </CarrierId> [0..1]
 <Warehouse> Warehouse </Warehouse> [0..1]
 <DealerAssignedNumber> DealerAssignedNumber /DealerAssignedNumber> [0..1]
 <StatusDate> StatusDate </StatusDate> [0..1]
 <TargetBuildDate> TargetBuildDate </TargetBuildDate> [0..1]
 <PromisedDeliveryDate> PromisedDeliveryDate /PromisedDeliveryDate> [0..1]
 <PromisedShipDate> PromisedShipDate /PromisedShipDate> [0..1]
 <SpecialInstructions> SpecialInstructions 
 <OrderComments> OrderComments </OrderComments> [0..1]
```

```
<Priority> Priority </Priority> [0..1]
  <Status> StatusDetail </Status> [0..*]
  </Header>
```

Vehicle

	Name	Vehicle	
	Гуре	VehicleOrderVehicle	
	Nillable	no	
4	Abstract	no	

XML Instance Representation

```
<Vehicle>
 <Model> Model </Model> [0..1]
 <ModelYear> ModelYear </ModelYear> [0..1]
 < ModelDescription > ModelDescription < / ModelDescription > [0..1]
 <Make> Make </Make> [0..1]
 < ModelChangeInd > ModelChangeInd > [0..1]
 <ModelYearChangeInd> ModelYearChangeInd </modelYearChangeInd> [0..1]
 <OrderNumber> OrderNumber </OrderNumber> [0..1]
 <SaleClass> SaleClass </SaleClass> [0..1]
 <Condition> Condition </Condition> [0..1]
 <CertifiedPreownedInd> CertifiedPreownedInd </CertifiedPreownedInd> [0..1]
 < VehicleNote > VehicleNote < / VehicleNote > [0..*]
 <VIN> VIN </VIN> [0..1]
 <PreviousVIN> PreviousVIN </PreviousVIN> [0..1]
 <Plant> Plant </Plant> [0..1]
 <DeliveryMileage> DeliveryMileage </DeliveryMileage> [0..1]
 < VehicleStock > VehicleStock < / VehicleStock > [0..1]
 <TrimCode> TrimCode </TrimCode> [0..1]
 <DoorsQuantity> DoorsQuantity /DoorsQuantity> [0..1]
 <BodyStyle> BodyStyle </BodyStyle> [0..1]
 <InteriorColor> InteriorColor </InteriorColor> [0..*]
  < Exterior Color > Exterior Color < / Exterior Color > [0..*]
```

```
<TransmissionType> TransmissionType </TransmissionType> [0..1]
 <Option> VOOption </Option> [0..*]
 <TransmissionCode> TransmissionCode </TransmissionCode> [0..1]
 <DeliveryRangeStart> DeliveryRangeStart /DeliveryRangeStart> [0..1]
 <DeliveryRangeEnd> DeliveryRangeEnd </DeliveryRangeEnd> [0..1]
 <EngineNumber> EngineNumber </EngineNumber> [0..1]
 <IgnitionKeyNumber> IgnitionKeyNumber </IgnitionKeyNumber> [0..1]
 <FleetAccount> FleetAccount /FleetAccount> [0..1]
 <FleetVehicleId> FleetVehicleId </freetVehicleId> [0..1]
 <VehicleWeight> VehicleWeight </VehicleWeight> [0..1]
 <ExteriorColorCode> ExteriorColorCode </ExteriorColorCode> [0..*]
 <ExteriorColorCodeChangeInd> ExteriorColorCodeChangeInd </ExteriorColorCodeChangeInd> [0..1]
 <InteriorColorCode> InteriorColorCode </InteriorColorCode> [0..*]
 <InteriorColorCodeChangeInd> InteriorColorCodeChangeInd /InteriorColorCodeChangeInd> [0..1]
 < VehicleStatus > VehicleStatus < / VehicleStatus > [0..1]
 <VehicleShipDate> VehicleShipDate> [0..1]
 <VehicleAllocatedDate> VehicleAllocatedDate 
 <VehicleLocation> VehicleLocation </VehicleLocation> [0..1]
 <DealerInvoiceDate> DealerInvoiceDate </DealerInvoiceDate> [0..1]
 <WholesaleDate> WholesaleDate </WholesaleDate> [0..1]
 <OrderPriceProtectDate> OrderPriceProtectDate /OrderPriceProtectDate> [0..1]
 <ProductionDate> ProductionDate </ProductionDate> [0..1]
 <ModelGroup> ModelGroup </ModelGroup> [0..1]
 <IndividualOwner> IndividualOwnerParty2 </IndividualOwner> [0..1]
 <OrganizationalOwner> OrganizationalOwnerParty2 </OrganizationalOwner> [0..1]
 <ShipTo> ShipToPartyVO </ShipTo> [0..1]
 <VehicleOrderNumber> VehicleOrderNumber 
 <PlantOrderNumber> PlantOrderNumber </PlantOrderNumber> [0..1]
 <Status> StatusDetail </Status> [0..*]
 <MarketingInitiatives> MarketingInitiativesVO </MarketingInitiatives> [0..*]
 <VehicleOrderOty> VehicleOrderOty </VehicleOrderOty> [0..1]
</Vehicle>
```

VehicleOrder

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

Name VehicleOrder

Type VehicleOrder

Nillable no

Abstract no

XML Instance Representation

<VehicleOrder>
<Header> ... </Header> [1]
<Vehicle> ... </Vehicle> [1..*]
</VehicleOrder>

Verb

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

Name Verb

Type Verb

Nillable no

Abstract yes

XML Instance Representation

<Verb/>