



Standards for Technology in Automotive Retail

**Implementation Guidelines
Acknowledge Vehicle OrderDRAFT
Repository Version Rev4.4.4**

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Acknowledge Vehicle Order

Acknowledge Vehicle Order Guidelines

Overview

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

Implementation Guidelines provide detailed information regarding the structure and meaning of the Acknowledge Vehicle Order BOD and corresponds directly to the Acknowledge 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 **MUST** be followed to be STAR Compliant. Therefore, the Acknowledge Vehicle Order Implementation Guidelines must be used in concert with the Acknowledge Vehicle Order schema during development and should **NOT** be considered a supplement or substitution to the schema. For more information regarding STAR XML Data Compliance, please review the STAR Data Compliance Guidelines document located on the STAR Web site.

For a copy of the corresponding Acknowledge 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 Acknowledge Vehicle Order BOD. Where possible, STAR has mapped to existing OAGI fields and components. Note however that the STAR Acknowledge 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 Acknowledge 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.

Acknowledge Vehicle Order

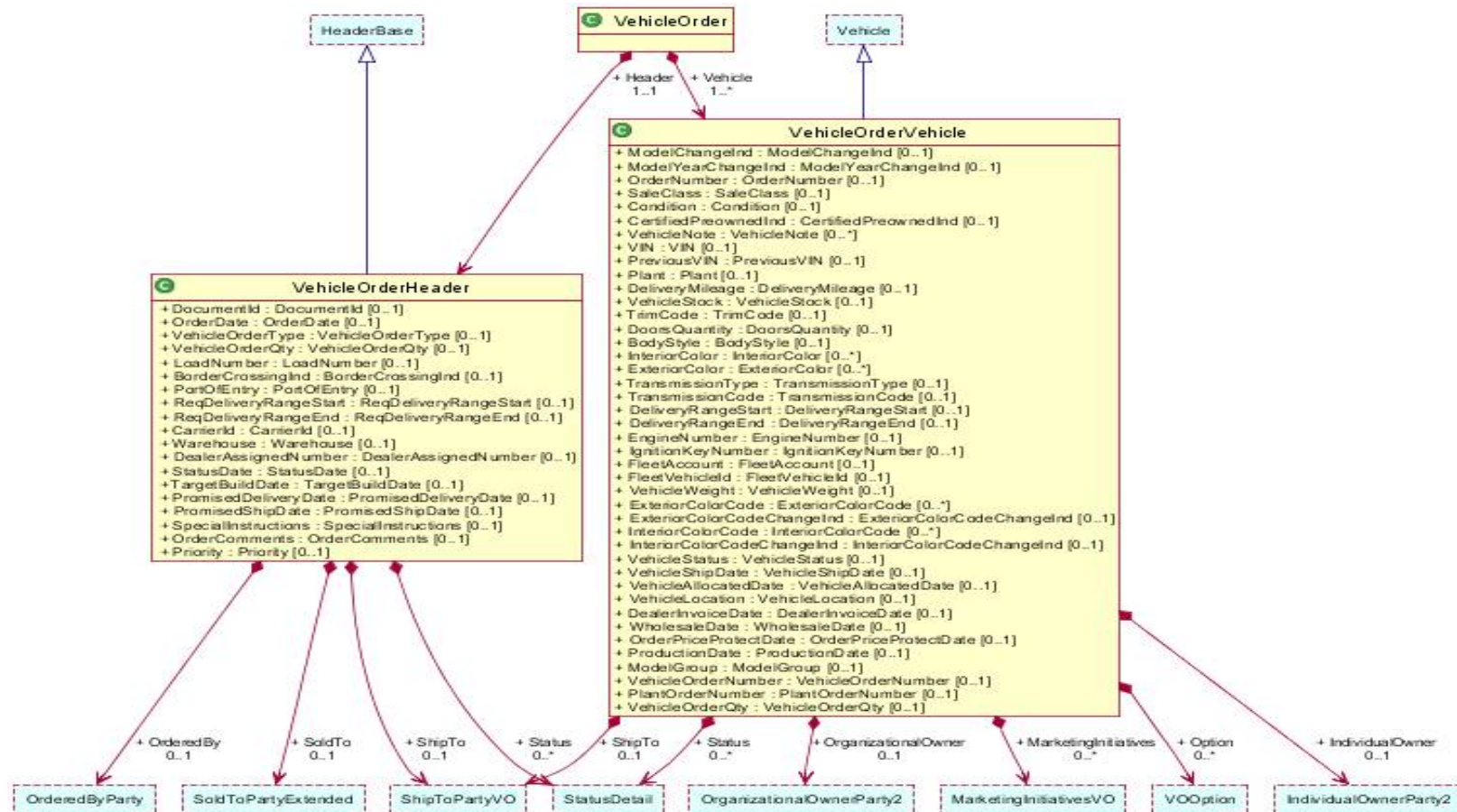
Business Scenario

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

Acknowledge Vehicle Order

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

Acknowledge Vehicle Order

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.

Acknowledge

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

Name	Acknowledge
Abstract	no

Data Elements and Components

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

XML Instance Representation

```
<...  
confirm="ConfirmType [0..1]">  
  <OriginalBODId> xsd:NMTOKEN </OriginalBODId> [0..1]  
</...>
```

AcknowledgeVehicleOrder

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

Name	AcknowledgeVehicleOrder
Abstract	no

Acknowledge Vehicle Order

Data Elements and Components

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

XML Instance Representation

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

AcknowledgeVehicleOrderDataArea

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

Name	AcknowledgeVehicleOrderDataArea
Abstract	no

Data Elements and Components

Acknowledge Vehicle Order

Field / Component	Description	R/O	Business Rule
Acknowledge	The Acknowledge verb is used to acknowledge the application receipt of R a Process request. This function conveys the result of the original request. An example of this is Acknowledge PO, where a Process PO has been issued and the corresponding business application acknowledges the receipt of the PO and responds with an acceptance or a counter offer.		
VehicleOrder		R	

XML Instance Representation

```
<...>  
  <Acknowledge> ... </Acknowledge> [1]  
  <VehicleOrder> ... </VehicleOrder> [1..*]  
</...>
```

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

Acknowledge Vehicle Order

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

XML Instance Representation

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

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	

Acknowledge Vehicle Order

XML Instance Representation

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

AlternatePartyId

Name	AlternatePartyId
Abstract	no

Data Elements and Components

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

XML Instance Representation

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

Amount

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

Name	Amount
Abstract	no

Attributes

Acknowledge Vehicle Order

Field / Component	Description	R/O	Business Rule
currency		R	

XML Instance Representation

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

ApplicationArea

These field(s) use this type: ApplicationArea.

Name	ApplicationArea
Abstract	no

Data Elements and Components

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

Acknowledge Vehicle Order

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

XML Instance Representation

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

BusinessObjectDocument

Name	BusinessObjectDocument
Abstract	no

Acknowledge Vehicle Order

Attributes

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

Data Elements and Components

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

Acknowledge Vehicle Order

XML Instance Representation

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

CarrierId

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

Carrier Code

Name	CarrierId
Abstract	no

XML Instance Representation

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

ConfirmableVerb

Name	ConfirmableVerb
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
confirm		R	

Acknowledge Vehicle Order

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	O	
EMailAddress	Contact Email addresses	O	
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	

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]
```


Acknowledge Vehicle Order

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

Count

Simple quantity type with no attributes

Name	Count
Abstract	no

XML Instance Representation

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

DeliveryMileage

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

Odometer reading of vehicle at time of delivery

Name	DeliveryMileage
Abstract	no

XML Instance Representation

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

Description

Description

Name	Description
------	-------------

Acknowledge Vehicle Order

Abstract no

Attributes

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

XML Instance Representation

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

Destination

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

Name Destination

Abstract no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
DestinationNameCode	Code for destination of file (i.e.Short Manufacturer or DSP code)	O	Must use a valid code from the ShortMfg/RSP list on http://www.starstandards.org
DestinationURI	Physical address of the destination	O	
DestinationSoftwareCode	Additional information about the destination application	O	
DestinationSoftware	For which software destination file is intended (may not be known).	O	

Acknowledge Vehicle Order

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

XML Instance Representation

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

Acknowledge Vehicle Order

```
<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

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

DoorsQuantity

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

Number of doors on vehicle

Name	DoorsQuantity
Abstract	no

XML Instance Representation

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

FleetVehicleId

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

Uniquely identifies the vehicle as part of a fleet company

Acknowledge Vehicle Order

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

XML Instance Representation

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

Id

Acknowledge Vehicle Order

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	O	
PersonName	Individual party name	O	If both the party component and Contact PersonName are the same, the Contact PersonName shall not be populated. Please note that it is required that either this PersonName or the Contact PersonName be populated
Address	Individual party address	O	
Contact	Individual party contact information	O	

Acknowledge Vehicle Order

XML Instance Representation

```
<...>
  <PartyId> PartyId </PartyId> [0..1]
  <AlternatePartyIds> IndividualPartyAlternatePartyId </AlternatePartyIds> [0..*]
  <PersonName> IndividualPartyPersonName2 </PersonName> [0..1]
  <Address> IndividualPartyAddress </Address> [0..*]
  <Contact> IndividualPartyContact2 </Contact> [0..1]
</...>
```

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.	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	
UrbanizationCode	Geographic definition of a metropolitan or suburban area	O	

XML Instance Representation

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

Acknowledge Vehicle Order

```
<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.	O	
ExpirationDate	Expiration date of the alternate party id (e.g., Driver's License expiration date).	O	

XML Instance Representation

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


Acknowledge Vehicle Order

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	O	
EMailAddress	Contact Email addresses	O	
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	O	If both the party component and Contact PersonName are the same, the Contact PersonName shall not be populated. Please note that it is required that either this PersonName or the IndividualOwner PersonName be populated

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]
```

Acknowledge Vehicle Order

```
<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

```
<...
desc="HomeWork [0..1]">
  xsd:string
</...>
```

IndividualPartyContactFax

These field(s) use this type: Fax.

Individual Party Fax number

Name	IndividualPartyContactFax
Abstract	no

Attributes

Acknowledge Vehicle Order

Field / Component	Description	R/O	Business Rule
desc		R	

XML Instance Representation

```
<...  
desc="HomeWork [0..1]">  
  xsd:string  
</...>
```

IndividualPartyContactTelephoneNumber

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

Acknowledge Vehicle Order

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	O	
GivenName	First Name of business party	R	
MiddleName	Middle Initial of business party	O	
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	O	

XML Instance Representation

```
<...>
  <Salutation> Salutation </Salutation> [0..1]
  <GivenName> GivenName </GivenName> [1]
  <MiddleName> MiddleName </MiddleName> [0..1]
  <FamilyName> FamilyName </FamilyName> [1]
  <Suffix> Suffix </Suffix> [0..1]
  <FormattedName> FormattedName </FormattedName> [0..1]
</...>
```

Initiativeld

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

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

Name	Initiativeld
-------------	---------------------

Acknowledge Vehicle Order

Abstract	no
-----------------	----

XML Instance Representation

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

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,LocationId.

Code identifying a physical location

Name	LocationId
Abstract	no

XML Instance Representation

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

Acknowledge Vehicle Order

MarketingInitiativesVO

These field(s) use this type: MarketingInitiatives.

Name	MarketingInitiativesVO
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
InitiativeType	Type of program - Incentive or program related initiatives	O	
InitiativeId	Initiative Identification (i.e., Manufacturer incentive reimbursement program identification or dealer offerings)	O	
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	O	
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

```
<...>
  <InitiativeType> InitiativeType </InitiativeType> [0..1]
  <InitiativeId> InitiativeId </InitiativeId> [0..1]
  <ReimbursementId> ReimbursementId </ReimbursementId> [0..*]
  <ReimbursementComment> ReimbursementComment </ReimbursementComment> [0..1]
  <ReimbursementAmount> ReimbursementAmount </ReimbursementAmount> [0..1]
  <ReimbursementPayee> ReimbursementPayee </ReimbursementPayee> [0..1]
```

Acknowledge Vehicle Order

```
<FleetAccount> FleetAccount </FleetAccount> [0..1]
<InitiativeDate> InitiativeDate </InitiativeDate> [0..1]
<InitiativeChangeInd> InitiativeChangeInd </InitiativeChangeInd> [0..1]
</...>
```

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		O	

XML Instance Representation

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

Acknowledge Vehicle Order

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  
</...>
```

NumberOfOptions

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
-------------	------------

Acknowledge Vehicle Order

Abstract	no
-----------------	----

XML Instance Representation

```
<...  
  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

Data Elements and Components

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

Acknowledge Vehicle Order

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

XML Instance Representation

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

OrganizationAddress

These field(s) use this type: Address.

Name	OrganizationAddress
Abstract	no

Data Elements and Components

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

Acknowledge Vehicle Order

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

XML Instance Representation

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

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	

Acknowledge Vehicle Order

Field / Component	Description	R/O	Business Rule
DBAName	Doing Business As name.	O	
Contact	Organizational Party contact information	O	

XML Instance Representation

```
<...>
  <PartyId> PartyId </PartyId> [0..1]
  <AlternatePartyIds> OrganizationalPartyAlternatePartyId </AlternatePartyIds> [0..*]
  <Name> CompanyName </Name> [0..1]
  <Address> OrganizationAddress </Address> [0..1]
  <DBAName> DBAName </DBAName> [0..1]
  <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.	O	
ExpirationDate	Expiration date of the alternate party id (e.g., Driver's License expiration date).	O	YYYY-MM-DD

XML Instance Representation

Acknowledge Vehicle Order

```
<...>
  <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,Contact.**

Name	OrganizationContact
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PersonName	Contact name	O	Please note that although the schema shows this as an Optional field, in this BOD usage it should be Required.
Telephone	Contact telephone numbers	O	If the address has a North American country code, the telephone number must be a minimum of 10 numbers.
EMailAddress	Contact Email address	O	Should conform to the Internet message format as set forth by RFC 8822.
Fax	Contact Fax number	O	If the address has a North American country code, the telephone number must be a minimum of 10 numbers.
PreferredContactMethod	Preferred contact method	O	
ContactTime	Preferred contact time (i.e. Best day/time to reach the contact.	O	

Acknowledge Vehicle Order

XML Instance Representation

```
<...>
  <PersonName> OrganizationContactPersonName </PersonName> [0..1]
  <Telephone> OrganizationPartyTelephone </Telephone> [0..*]
  <EMailAddress> OrganizationPartyEmail </EMailAddress> [0..*]
  <Fax> OrganizationPartyFax </Fax> [0..*]
  <PreferredContactMethod> PreferredContactMethodOrganization </PreferredContactMethod> [0..1]
  <ContactTime> ContactTime </ContactTime> [0..1]
</...>
```

OrganizationContactPersonName

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

Derived from oa:PersonName

Name	OrganizationContactPersonName
Abstract	no

Data Elements and Components

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	O	

XML Instance Representation

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

Acknowledge Vehicle Order

OrganizationPartyBase

Name	OrganizationPartyBase
Abstract	no

Data Elements and Components

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

XML Instance Representation

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

OrganizationPartyEmail

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

Organization email

Name	OrganizationPartyEmail
Abstract	no

Acknowledge Vehicle Order

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	

Acknowledge Vehicle Order

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	O	

XML Instance Representation

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

PartyId

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

Party Identification Number

Name	PartyId
Abstract	no

XML Instance Representation

```
<...>
```

Acknowledge Vehicle Order

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

Quantity

A decimal value with uom

Name	Quantity
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
uom		R	

XML Instance Representation

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

ReimbursementAmount

These field(s) use this type: ReimbursementAmount.

Amount returned to payee

Name	ReimbursementAmount
Abstract	no

XML Instance Representation

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

Acknowledge Vehicle Order

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

ReimbursementId

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

Reimbursement certificate or coupon identification

Name	ReimbursementId
Abstract	no

XML Instance Representation

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

ResponseVerb

Name	ResponseVerb
Abstract	no

Data Elements and Components

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

XML Instance Representation

```
<...  
confirm="ConfirmType [0..1]">  
  <OriginalBODId> xsd:NMTOKEN </OriginalBODId> [0..1]  
</...>
```

Acknowledge Vehicle Order

SecondaryDealerNumber

These field(s) use this type: SecondaryDealerNumber.

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

Name	SecondaryDealerNumber
Abstract	no

XML Instance Representation

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

Sender

These field(s) use this type: Sender.

Name	Sender
Abstract	no

Data Elements and Components

Acknowledge Vehicle Order

Field / Component	Description	R/O	Business Rule
LogicalId	Provides the logical location of the server and applications from which the Business Object Document originated. It can be used to establish a logical to physical mapping, however its use is optional. Each system or combination of systems should maintain an external central reference table containing the logical names or logical addresses of the application systems in the integration configuration. This enables the logical names to be mapped to the physical network addresses of the resources needed on the network. Note: The technical implementation of this Domain Naming Service is not dictated by this specification. This logical to physical mapping may be done at execution time by the application itself or by a middleware transport mechanism, depending on the integration architecture used. This provides for a simple but effective directory access capability while maintaining application independence from the physical location of those resources on the network	O	
Component	Provides a finer level of control than Logical Identifier and represents the business application that issued the Business Object Document. Its use is optional. For STAR's use this is the DCS Software code name		
Task	Describes the business event that initiated the need for the Business Object Document to be created. For STAR, the task is defined in the Implementation Guidelines for each BOD. It is usually a short description of the BOD. Ex: SalesLead, CreditDecision, etc.	R	
ReferenceId	Enables the sending application to indicate the instance identifier of the event or task that caused the BOD to be created. This is used to correlate a response BOD to an originating BOD	O	
AuthorizationId	Identifies the authorization level of the user or application that is sending the Business Object Document Message. This authorization level being recognized by the receiving system indicates what can be done on the receiving system. For STAR, this is the User ID.	O	
CreatorNameCode	DCS Software Creator Code	R	
SenderNameCode	Additional information about the sending platform (i.e., Short MFG or DSP code).	R	Must use a valid code from the ShortMfg/RSP list on http://www.starstandards.org
SenderURI	Physical address of the sender	O	

Acknowledge Vehicle Order

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

XML Instance Representation

```
<...>
  <LogicalId> Text </LogicalId> [0..1]
```

Acknowledge Vehicle Order

```
<Component> Text </Component> [1]
<Task> Text </Task> [1]
<ReferenceId> Reference </ReferenceId> [0..1]
<AuthorizationId> Id </AuthorizationId> [0..1]
<CreatorNameCode> Text </CreatorNameCode> [1]
<SenderNameCode> ShortMfg </SenderNameCode> [1]
<SenderURI> URI </SenderURI> [0..1]
<DealerNumber> PartyId </DealerNumber> [0..1]
<StoreNumber> Text </StoreNumber> [0..1]
<AreaNumber> Text </AreaNumber> [0..1]
<DealerCountry> Country </DealerCountry> [0..1]
<Language> Language </Language> [0..1]
<DeliverPendingMailInd> Indicator </DeliverPendingMailInd> [0..1]
<Password> Text </Password> [0..1]
<SystemVersion> SystemVersion </SystemVersion> [0..1]
<PartyId> PartyId </PartyId> [0..1]
<LocationId> LocationId </LocationId> [0..1]
<ServiceId> ServiceId </ServiceId> [0..1]
</...>
```

SenderBase

Name	SenderBase
Abstract	no

Data Elements and Components

Acknowledge Vehicle Order

Field / Component	Description	R/O	Business Rule
LogicalId	Provides the logical location of the server and applications from which the Business Object Document originated. It can be used to establish a logical to physical mapping, however its use is optional. Each system or combination of systems should maintain an external central reference table containing the logical names or logical addresses of the application systems in the integration configuration. This enables the logical names to be mapped to the physical network addresses of the resources needed on the network. Note: The technical implementation of this Domain Naming Service is not dictated by this specification. This logical to physical mapping may be done at execution time by the application itself or by a middleware transport mechanism, depending on the integration architecture used. This provides for a simple but effective directory access capability while maintaining application independence from the physical location of those resources on the network	O	
Component	Provides a finer level of control than Logical Identifier and represents the business application that issued the Business Object Document. Its use is optional. For STAR's use this is the DCS Software code name		
Task	Describes the business event that initiated the need for the Business Object Document to be created. For STAR, the task is defined in the Implementation Guidelines for each BOD. It is usually a short description of the BOD. Ex: SalesLead, CreditDecision, etc.	R	
ReferenceId	Enables the sending application to indicate the instance identifier of the event or task that caused the BOD to be created. This is used to correlate a response BOD to an originating BOD	O	
AuthorizationId	Identifies the authorization level of the user or application that is sending the Business Object Document Message. This authorization level being recognized by the receiving system indicates what can be done on the receiving system. For STAR, this is the User ID.	O	

XML Instance Representation

```

<...>
  <LogicalId> Text </LogicalId> [0..1]
  <Component> Text </Component> [1]
  <Task> Text </Task> [1]

```


Acknowledge Vehicle Order

```
<ReferenceId> Reference </ReferenceId> [0..1]
<AuthorizationId> Id </AuthorizationId> [0..1]
</...>
```

ServiceId

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

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

Name	ServiceId
Abstract	no

XML Instance Representation

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

SetId

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

Identification of the group of options

Name	SetId
Abstract	no

XML Instance Representation

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

ShipToPartyVO

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

Acknowledge Vehicle Order

Name ShipToPartyVO

Abstract no

Data Elements and Components

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

XML Instance Representation

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

ShipWarehouse

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

Acknowledge Vehicle Order

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

Name	ShipWarehouse
Abstract	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		O	

Data Elements and Components

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

XML Instance Representation

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

SoldToPartyExtended

Acknowledge Vehicle Order

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

XML Instance Representation

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

StatusDetail

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

Name	StatusDetail
Abstract	no

Acknowledge Vehicle Order

Data Elements and Components

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

XML Instance Representation

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

Vehicle

Name	Vehicle
Abstract	no

Data Elements and Components

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

Acknowledge Vehicle Order

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**.

STAR Version 2.0 - Draft

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

Acknowledge Vehicle Order

Name	VehicleOrderHeader
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
DocumentDateTime	Is the date and time the document was last created. This is not the date and time that the BOD message instance was created.	O	
SecondaryPassword	Secondary password used to validate access to the dealer information	O	
SecondaryDealerNumber	Identifies secondary dealer number if different than primary "Dealer Number"	O	
DocumentId	Manufacturer order reference number for this Order (VON)	O	Please note that although the schema shows this as an Optional field, in this BOD usage it should be Required.
OrderDate	Date of original vehicle order	O	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	O	Please note that although the schema shows this as an Optional field, in this BOD usage it should be Required.
OrderedBy	Business party who ordered the vehicle(s)	O	Please note that although the schema shows this as an Optional field, in this BOD usage it should be Required.
SoldTo	Business party who was invoiced for the vehicle(s)	O	Please note that although the schema shows this as an Optional field, in this BOD usage it should be Required.

Acknowledge Vehicle Order

Field / Component	Description	R/O	Business Rule
ShipTo	Business entity that is receiving the vehicle(s)	O	Please note that although the schema shows this as an Optional field, in this BOD usage it should be Required.
VehicleOrderQty	Total Number of Vehicles in this Order	O	Please note that although the schema shows this as an Optional field, in this BOD usage it should be Required.
LoadNumber	Shipment carrier-assigned load number	O	
BorderCrossingInd	Border crossing Indicator	O	
PortOfEntry	Vehicle Port of Entry	O	
ReqDeliveryRangeStart	Vehicle earliest estimated time of arrival at Ship To dealer	O	
ReqDeliveryRangeEnd	Vehicle latest estimated time of arrival at Ship To dealer	O	
CarrierId	Vehicle Shipment Carrier (Name or Code)	O	
Warehouse	Warehouse or Distribution Center vehicle shipped from	O	
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.
StatusDate	The date the current status was recorded	O	Please note that although the schema shows this as an Optional field, in this BOD usage it should be Required.
TargetBuildDate	The date the OEM expects to build the vehicle	O	
PromisedDeliveryDate	Indicates when the order is promised for delivery	O	
PromisedShipDate	Indicates when the order is promised for shipment	O	
SpecialInstructions	Free form text identifying unique handling of order	O	
OrderComments	Free form text of remarks regarding the order	O	

Acknowledge Vehicle Order

Field / Component	Description	R/O	Business Rule
Priority	Shipment priority.	O	
Status	Status of entire order	O	

XML Instance Representation

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

VehicleOrderQty

Acknowledge Vehicle Order

These field(s) use this type: VehicleOrderQty,VehicleOrderQty.

Total Number of Vehicles

Name	VehicleOrderQty
Abstract	no

XML Instance Representation

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

VehicleOrderVehicle

These field(s) use this type: Vehicle.

Name	VehicleOrderVehicle
Abstract	no

Data Elements and Components

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	O	
Make	Vehicle make code - Usually available in the VIN number (use NCIC code).	O	
ModelChangeInd	Model can be changed in this order Indicator	O	
ModelYearChangeInd	Model Year can change in this order indicator	O	
OrderNumber	Customer assigned Order Number associated with the vehicle	O	
SaleClass	Class of Sale	O	

Acknowledge Vehicle Order

Field / Component	Description	R/O	Business Rule
Condition	Condition of Vehicle - Example: Excellent, Good, Fair, Poor, Unknown	O	
CertifiedPreownedInd	Identifies as a certified Pre-Owned Vehicle	O	
VehicleNote	Any vehicle related notes	O	
VIN	Federally defined 17 position vehicle identification number	O	
PreviousVIN	Previous or Temporary VIN	O	
Plant	Factory or Port of origin of vehicle	O	
DeliveryMileage	Odometer reading of vehicle at time of delivery	O	
VehicleStock	Dealer assigned vehicle stock number of the sale	O	
TrimCode	Manufacturer assigned trim code	O	
DoorsQuantity	Number of doors on vehicle	O	
BodyStyle	Manufacturer-assigned vehicle body style	O	
InteriorColor	Vehicle Interior Color(s) Description	O	
ExteriorColor	Vehicle Exterior Color(s) Description	O	
TransmissionType	Vehicle Transmission type	O	
Option	Vehicle Options	O	
TransmissionCode	Transmission Serial Number	O	
DeliveryRangeStart	The earliest date of delivery of vehicle to Ship To	O	
DeliveryRangeEnd	The latest date of delivery of vehicle to Ship To	O	
EngineNumber	Serial number of the engine if vehicle not made for US sale	O	
IgnitionKeyNumber	Vehicle Ignition Key Number	O	
FleetAccount	Manufacturer defined fleet account number	O	
FleetVehicleId	Uniquely identifies the vehicle as part of a fleet company	O	

Acknowledge Vehicle Order

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

Acknowledge Vehicle Order

Field / Component	Description	R/O	Business Rule
MarketingInitiatives	Marketing initiatives related to vehicle sale	O	
VehicleOrderQty	Quantity of this specific vehicle configuration that is being ordered	O	(INACTIVE)

XML Instance Representation

```
<...>
  <Model> Model </Model> [0..1]
  <ModelYear> ModelYear </ModelYear> [0..1]
  <ModelDescription> ModelDescription </ModelDescription> [0..1]
  <Make> Make </Make> [0..1]
  <ModelChangeInd> 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..*]
  <ExteriorColor> ExteriorColor </ExteriorColor> [0..*]
  <TransmissionType> TransmissionType </TransmissionType> [0..1]
  <Option> VOption </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]
```

Acknowledge Vehicle Order

```
<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 </VehicleStatus> [0..1]
<VehicleShipDate> VehicleShipDate </VehicleShipDate> [0..1]
<VehicleAllocatedDate> VehicleAllocatedDate </VehicleAllocatedDate> [0..1]
<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..*]
<VehicleOrderQty> VehicleOrderQty </VehicleOrderQty> [0..1]
</...>
```

VehicleWeight

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

Vehicle Weight

Name	VehicleWeight
Abstract	no

XML Instance Representation

Acknowledge Vehicle Order

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

Verb

These field(s) use this type: Verb.

Name	Verb
Abstract	no

Data Elements and Components

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

XML Instance Representation

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

VOConflictsOption

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

Name	VOConflictsOption
Abstract	no

Data Elements and Components

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

XML Instance Representation

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

Acknowledge Vehicle Order

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	O	

XML Instance Representation

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

VOOption

These field(s) use this type: Option.

Name	VOOption
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
OptionId	Option identifier code (i.e, AC)	O	Please note that although the schema shows this as an Optional field, in this BOD usage it should be Required.
OptionName	Name of vehicle option	O	
OptionCost	Actual Dealer cost of option	O	

Acknowledge Vehicle Order

Field / Component	Description	R/O	Business Rule
OptionMSRP	Option MSRP	O	
OptionSalesCode	Further definition of accessories and option packages - Indicates whether O ordered option, special package, standard, etc.		
PortInstalledInd	Indicates Port-installed accessories	O	Please note that although the schema shows this as an Optional field, in this BOD usage it should be Required.
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	O	
Conflicts	Other options that cannot be ordered with this option	O	
ColorDependentOptionInd	Option influences color availability indicator	O	
RequiredOption	Code of why option is required	O	

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]
</...>

```

Acknowledge Vehicle Order

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)	O	
OptionName	Name of vehicle option	O	
OptionCost	Actual Dealer cost of option	O	
OptionMSRP	Option MSRP	O	
OptionSalesCode	Further definition of accessories and option packages - Indicates whether O ordered option, special package, standard, etc.		
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	O	
Conflicts	Other options that cannot be ordered with this option	O	
ColorDependentOptionInd	Option influences color availability indicator	O	
RequiredOption	Code of why option is required	O	

XML Instance Representation

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

Acknowledge Vehicle Order

```
<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	O	
NumberOfOptions	Numbers of options in this set	O	
Option	Options within set	O	

XML Instance Representation

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

Warehouse

Acknowledge Vehicle Order

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

Warehouse Number

Name	Warehouse
Abstract	no

XML Instance Representation

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

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

Acknowledge Vehicle Order

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

AssigningOrganizationPartyId

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

Assigning Organization Party Id

Name	AssigningOrganizationPartyId
------	------------------------------

*Base XSD Type: string

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

Acknowledge Vehicle Order

Code Value	Description
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
------	-----------

Acknowledge Vehicle Order

*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

Code Value	Description
0	
1	

City

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

Acknowledge Vehicle Order

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: **ColorDependentOptionInd,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
------	-------------

Acknowledge Vehicle Order

*Base XSD Type: string

Condition

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

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

Name	Condition
------	-----------

*Base XSD Type: string

ConfirmType

Name	ConfirmType
------	-------------

*Base XSD Type: NMTOKEN

Code Value	Description
Always	
OnChange	
Never	

ContactTelephoneNumberDescription

Contact Telephone Number Description

Name	ContactTelephoneNumberDescription
------	-----------------------------------

*Base XSD Type: string

Code Value	Description
Evening Phone	Evening Phone

Acknowledge Vehicle Order

Code Value	Description
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

Acknowledge Vehicle Order

Country

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

Country in which the Address is in. Conforms to ISO 3166-2. AF -AFGHANISTAN AL -ALBANIA DZ -ALGERIA AS -AMERICAN SAMOA AD -ANDORRA AO -ANGOLA AI -ANGUILLA AQ -ANTARCTICA AG -ANTIGUA AND BARBUDA AR -ARGENTINA AM -ARMENIA AW -ARUBA AU -AUSTRALIA AT -AUSTRIA AZ -AZERBAIJAN BS -BAHAMAS BH -BAHRAIN BD -BANGLADESH BB -BARBADOS BY -BELARUS BE -BELGIUM BZ -BELIZE BJ -BENIN BM -BERMUDA BT -BHUTAN BO -BOLIVIA BA -BOSNIA AND HERZEGOVINA BW -BOTSWANA BV -BOUVET ISLAND BR -BRAZIL IO -BRITISH INDIAN OCEAN TERRITORY BN -BRUNEI DARUSSALAM BG -BULGARIA BF -BURKINA FASO BI -BURUNDI KH -CAMBODIA CM -CAMEROON CA -CANADA CV -CAPE VERDE KY -CAYMAN ISLANDS CF -CENTRAL AFRICAN REPUBLIC TD -CHAD CL -CHILE CN -CHINA CX -CHRISTMAS ISLAND CC -COCOS (KEELING) ISLANDS CO -COLOMBIA KM -COMOROS CG -CONGO CD -CONGO, THE DEMOCRATIC REPUBLIC OF THE CK -COOK ISLANDS CR -COSTA RICA CI -CÔTE D'IVOIRE HR -CROATIA CU -CUBA CY -CYPRUS CZ -CZECH REPUBLIC DK -DENMARK DJ -DJIBOUTI DM -DOMINICA DO -DOMINICAN REPUBLIC EC -ECUADOR EG -EGYPT SV -EL SALVADOR GQ -EQUATORIAL GUINEA ER -ERITREA EE -ESTONIA ET -ETHIOPIA FK -FALKLAND ISLANDS (MALVINAS) FO -FAROE ISLANDS FJ -FIJI FI -FINLAND FR -FRANCE GF -FRENCH GUIANA PF -FRENCH POLYNESIA TF -FRENCH SOUTHERN TERRITORIES GA -GABON GM -GAMBIA GE -GEORGIA DE -GERMANY GH -GHANA GI -GIBRALTAR GR -GREECE GL -GREENLAND GD -GRENADA GP -GUADELOUPE GU -GUAM GT -GUATEMALA GN -GUINEA GW -GUINEA-BISSAU GY -GUYANA HT -HAITI HM -HEARD ISLAND AND MCDONALD ISLANDS VA -HOLY SEE (VATICAN CITY STATE) HN -HONDURAS HK -HONG KONG HU -HUNGARY IS -ICELAND IN -INDIA ID -INDONESIA IR -IRAN, ISLAMIC REPUBLIC OF IQ -IRAQ IE -IRELAND IL -ISRAEL IT -ITALY JM -JAMAICA JP -JAPAN JO -JORDAN KZ -KAZAKHSTAN KE -KENYA KI -KIRIBATI KP -KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF KR -KOREA, REPUBLIC OF KW -KUWAIT KG -KYRGYZSTAN LA -LAO PEOPLE'S DEMOCRATIC REPUBLIC LV -LATVIA LB -LEBANON LS -LESOTHO LR -LIBERIA LY -LIBYAN ARAB JAMAHIRIYA LI -LIECHTENSTEIN LT -LITHUANIA LU -LUXEMBOURG MO -MACAO MK -MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF MG -MADAGASCAR MW -MALAWI MY -MALAYSIA MV -MALDIVES ML -MALI MT -MALTA MH -MARSHALL ISLANDS MQ -MARTINIQUE MR -MAURITANIA MU -MAURITIUS YT -MAYOTTE MX -MEXICO FM -MICRONESIA, FEDERATED STATES OF MD -MOLDOVA, REPUBLIC OF MC -MONACO MN -MONGOLIA MS -MONTSERRAT MA -MOROCCO MZ -MOZAMBIQUE MM -MYANMAR NA -NAMIBIA NR -NAURU NP -NEPAL NL -NETHERLANDS AN -NETHERLANDS ANTILLES NC -NEW CALEDONIA NZ -NEW ZEALAND NI -NICARAGUA NE -NIGER NG -NIGERIA NU -NIUE NF -NORFOLK ISLAND MP -NORTHERN MARIANA ISLANDS NO -NORWAY OM -OMAN PK -PAKISTAN PW -PALAU PS -PALESTINIAN TERRITORY, OCCUPIED PA -PANAMA PG -PAPUA NEW GUINEA PY -PARAGUAY PE -PERU PH -PHILIPPINES PN -PITCAIRN PL -POLAND PT -PORTUGAL PR -PUERTO RICO QA -QATAR RE -RÅÅ#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

Acknowledge Vehicle Order

-TURKMENISTAN TC -TURKS AND CAICOS ISLANDS TV -TUVALU UG -UGANDA UA -UKRAINE AE -UNITED ARAB EMIRATES GB
-UNITED KINGDOM US -UNITED STATES UM -UNITED STATES MINOR OUTLYING ISLANDS UY -URUGUAY UZ -UZBEKISTAN VU
-VANUATU VE -VENEZUELA VN -VIET NAM VG -VIRGIN ISLANDS, BRITISH VI -VIRGIN ISLANDS, U.S. WF -WALLIS AND FUTUNA EH
-WESTERN SAHARA YE -YEMEN ZM -ZAMBIA ZW -ZIMBABWE

Name	Country
------	---------

*Base XSD Type: string

Code Value	Description
US	
AF	
AL	
DZ	
AS	
AD	
AO	
AI	
AQ	
AG	
AR	
AM	
AW	
AU	
AT	
AZ	
BS	

Acknowledge Vehicle Order

Code Value	Description
BH	
BD	
BB	
BY	
BE	
BZ	
BJ	
BM	
BT	
BO	
BA	
BW	
BV	
BR	
IO	
BN	
BG	
BF	
BI	
KH	
CM	
CA	

Acknowledge Vehicle Order

Code Value	Description
CV	
KY	
CF	
TD	
CL	
CN	
CX	
CC	
CO	
KM	
CG	
CD	
CK	
CR	
CI	
HR	
CU	
CY	
CZ	
DK	
DJ	
DM	

Acknowledge Vehicle Order

Code Value	Description
DO	
EC	
EG	
SV	
GQ	
ER	
EE	
ET	
FK	
FO	
FJ	
FI	
FR	
GF	
PF	
TF	
GA	
GM	
GE	
DE	
GH	
GI	

Acknowledge Vehicle Order

Code Value	Description
GR	
GL	
GD	
GP	
GU	
GT	
GN	
GW	
GY	
HT	
HM	
VA	
HN	
HK	
HU	
IS	
IN	
ID	
IR	
IQ	
IE	
IL	

Acknowledge Vehicle Order

Code Value	Description
IT	
JM	
JP	
JO	
KZ	
KE	
KI	
KP	
KR	
KW	
KG	
LA	
LV	
LB	
LS	
LR	
LY	
LI	
LT	
LU	
MO	
MK	

Acknowledge Vehicle Order

Code Value	Description
MG	
MW	
MY	
MV	
ML	
MT	
MH	
MQ	
MR	
MU	
YT	
MX	
FM	
MD	
MC	
MN	
MS	
MA	
MZ	
MM	
NA	
NR	

Acknowledge Vehicle Order

Code Value	Description
NP	
NL	
AN	
NC	
NZ	
NI	
NE	
NG	
NU	
NF	
MP	
NO	
OM	
PK	
PW	
PS	
PA	
PG	
PY	
PE	
PH	
PN	

Acknowledge Vehicle Order

Code Value	Description
PL	
PT	
PR	
QA	
RE	
RO	
RU	
RW	
SH	
KN	
LC	
PM	
VC	
WS	
SM	
ST	
SA	
SN	
CS	
SC	
SL	
SG	

Acknowledge Vehicle Order

Code Value	Description
SK	
SI	
SB	
SO	
ZA	
GS	
ES	
LK	
SD	
SR	
SJ	
SZ	
SE	
CH	
SY	
TW	
TJ	
TZ	
TH	
TL	
TG	
TK	

Acknowledge Vehicle Order

Code Value	Description
TO	
TT	
TN	
TR	
TM	
TC	
TV	
UG	
UA	
AE	
GB	
UM	
UY	
UZ	
VU	
VE	
VN	
VG	
VI	
WF	
EH	
YE	

Acknowledge Vehicle Order

Code Value	Description
ZM	
ZW	

County

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

Business party county location

Name	County
------	--------

*Base XSD Type: string

Currency

The ISO code identifying the type of currency in use.

Name	Currency
------	----------

*Base XSD Type: string

Code Value	Description
USD	
ADP	
AED	
AFA	
ALL	
ANG	
AOK	
ARA	

Acknowledge Vehicle Order

Code Value	Description
ATS	
AUD	
AWG	
BBD	
BDT	
BEF	
BGL	
BHD	
BIF	
BMD	
BND	
BOB	
BRC	
BSD	
BTN	
BUK	
BWP	
BZD	
CAD	
CHF	
CLF	
CLP	

Acknowledge Vehicle Order

Code Value	Description
CNY	
COP	
CRC	
CSK	
CUP	
CVE	
CYP	
DDM	
DEM	
DJF	
DKK	
DOP	
DZD	
ECS	
EGP	
ESP	
ETB	
EUR	
FIM	
FKP	
FRF	
GBP	

Acknowledge Vehicle Order

Code Value	Description
GHC	
GIP	
GMD	
GNF	
GRD	
GTQ	
GWP	
GYD	
HKD	
HNL	
HTG	
HUF	
IDR	
IEP	
ILS	
INR	
IQD	
IRR	
ISK	
ITL	
JMD	
JOD	

Acknowledge Vehicle Order

Code Value	Description
JPY	
KES	
KHR	
KMF	
KPW	
KRW	
KWD	
KYD	
LAK	
LBP	
LKR	
LRD	
LSL	
LUF	
LYD	
MAD	
MGF	
MNT	
MOP	
MRO	
MTL	
MUR	

Acknowledge Vehicle Order

Code Value	Description
MVR	
MWK	
MXN	
MYR	
MZM	
NGN	
NIC	
NLG	
NOK	
NPR	
NZD	
OMR	
PAB	
PEI	
PGK	
PHP	
PKR	
PLZ	
PTE	
PYG	
QAR	
ROL	

Acknowledge Vehicle Order

Code Value	Description
RWF	
SAR	
SBD	
SCR	
SDP	
SEK	
SGD	
SHP	
SLL	
SKK	
SOS	
SRG	
STD	
SUR	
SVC	
SYP	
SZL	
THB	
TND	
TOP	
TPE	
TRL	

Acknowledge Vehicle Order

Code Value	Description
TTD	
TWD	
TZS	
UGS	
UYP	
VEB	
VND	
VUV	
WST	
YDD	
YER	
YUD	
ZAR	
ZRZ	
ZWD	
Other	

Date

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

Name	Date
------	------

Base XSD Type: date

Acknowledge Vehicle Order

DateTime

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

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

Name	DateTime
------	----------

*Base XSD Type: dateTime

DBAName

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

Doing Business As name.

Name	DBAName
------	---------

*Base XSD Type: string

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

Acknowledge Vehicle Order

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

Acknowledge Vehicle Order

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

Acknowledge Vehicle Order

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

Acknowledge Vehicle Order

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

IgnitionKeyNumber

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

Acknowledge Vehicle Order

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

Acknowledge Vehicle Order

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
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

Acknowledge Vehicle Order

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	
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

Acknowledge Vehicle Order

"Pashto" "Pushto", PT "Portuguese", QU "Quechua", RM "Rhaeto-Romance", RN "Kirundi", RO "Romanian", RU "Russian", RW "Kinyarwanda", SA "Sanskrit", SD "Sindhi", SG "Sangro", SH "Serbo-Croatian", SI "Singhalese", SK "Slovak", SL "Slovenian", SM "Samoan", SN "Shona", SO "Somali", SQ "Albanian", SR "Serbian", SS "Siswati", ST "Sesotho", SU "Sudanese", SV "Swedish", SW "Swahili", TA "Tamil", TE "Tegulu", TG "Tajik", TH "Thai", TI "Tigrinya", TK "Turkmen", TL "Tagalog", TN "Setswana", TO "Tonga", TR "Turkish", TS "Tsonga", TT "Tatar", TW "Twi", UK "Ukrainian", UR "Urdu", UZ "Uzbek", VI "Vietnamese", WO "Wolof", XH "Xhosa", YO "Yoruba", ZH "Chinese", ZU "Zulu"

Name	Language
Base XSD Type: string	
Code Value	Description
en-US	
en-CA	
aa-ET	
ab-GE	
af-ZA	
am-ET	
ar-SA	
as-IN	
ay-BO	
az-AZ	
ba-RU	
be-BY	
bg-BG	
bh-IN	
bi-VU	
bn-BD	
bo-BT	

Acknowledge Vehicle Order

Code Value	Description
br-FR	
ca-ES	
co-FR	
cs-CZ	
cy-GB	
da-DE	
de-DE	
dz-BT	
el-GR	
es-ES	
et-EE	
eu-ES	
fa-AF	
fi-FI	
fj-FJ	
fo-FO	
fr-CA	
fr-FR	
fy-NL	
ga-IE	
gd-GB	
gl-ES	

Acknowledge Vehicle Order

Code Value	Description
gn-PY	
gu-IN	
ha-NG	
hi-IN	
hr-HR	
hu-HU	
hy-AM	
ik-GL	
in-ID	
is-IS	
it-IT	
iw-IL	
ja-JP	
ji-IL	
jw-ID	
ka-GE	
kk-KZ	
kl-GL	
km-KH	
kn-IN	
ko-KP	
ko-KR	

Acknowledge Vehicle Order

Code Value	Description
ks-IN	
ku-IQ	
ky-CN	
la-VA	
ln-CD	
lo-LA	
lt-LT	
lv-LV	
mg-MG	
mi-NZ	
mk-MK	
ml-IN	
mn-MN	
mo-MO	
mr-IN	
ms-MY	
mt-MH	
my-MM	
na-NR	
ne-NP	
nl-NL	
no-NO	

Acknowledge Vehicle Order

Code Value	Description
oc-FR	
om- ET	
or-IN	
pa-IN	
pl-PL	
ps-PK	
pt-PT	
qu-PE	
rm-CH	
rn-BI	
ro-RO	
ru-RU	
rw-RW	
sa-IN	
sd-PK	
sg-CF	
sh-HR	
si-LK	
sk-SK	
sl-SI	
sm-WS	
sn-ZW	

Acknowledge Vehicle Order

Code Value	Description
so-SO	
sq-AL	
sr-CS	
ss-ZA	
st-ZA	
su-SD	
sv-SE	
sw-TL	
ta-IN	
te-IN	
tg-TJ	
th-TH	
ti-ET	
tk-TM	
tl-PH	
tn-ZA	
to-TO	
tr-TR	
ts-ZA	
tt-RU	
tw-GH	
uk-UA	

Acknowledge Vehicle Order

Code Value	Description
ur-PK	
uz-UZ	
vi-VN	
wo-SN	
xh-ZA	
yo-NG	
zh-CN	
zu-ZA	

LoadNumber

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

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

Acknowledge Vehicle Order

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
------	----------------

Acknowledge Vehicle Order

*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

Acknowledge Vehicle Order

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	

Acknowledge Vehicle Order

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

Acknowledge Vehicle Order

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

Acknowledge Vehicle Order

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: string

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**.

Acknowledge Vehicle Order

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

PreferredContactMethodOrganization

Acknowledge Vehicle Order

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

Preferred Contact Method Organization

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

Acknowledge Vehicle Order

*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

Acknowledge Vehicle Order

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

Acknowledge Vehicle Order

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: ReqDeliveryRangeEnd.

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: RequiredOption,RequiredOption.

Code of why option is required

Name	RequiredOption
------	----------------

*Base XSD Type: string

Acknowledge Vehicle Order

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

Acknowledge Vehicle Order

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	

Acknowledge Vehicle Order

ShortMfg

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

Short Manufacturer 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: StatusCode.

A code identifying the reason for the status message.

Name	StatusCode
------	------------

*Base XSD Type: string

Acknowledge Vehicle Order

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.
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.

Acknowledge Vehicle Order

Code Value	Description
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
N/A	Not Applicable

StatusDate

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

The date the current status was recorded

Name	StatusDate
------	------------

*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.

Acknowledge Vehicle Order

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:

CreatorNameCode,StoreNumber,AreaNumber>Password,DestinationSoftwareCode,DestinationSoftware,StoreNumber,AreaNumber,LogicalId,Component,T

Indicates generic text type

Name	Text
------	------

*Base XSD Type: string

TransmissionCode

Acknowledge Vehicle Order

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 (natural gas and hybrid).

Acknowledge Vehicle Order

Code Value	Description
CVT Automatic 4	Continuously Variable T ransmission Automatic 4 speed transmission type (natural gas and hybrid).
CVT Automatic 5	Continuously Variable T ransmission Automatic 5 speed transmission type (natural gas and hybrid).
CVT Automatic 6	Continuously Variable T ransmission Automatic 6 speed transmission type (natural gas and hybrid).
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

Acknowledge Vehicle Order

Name	UOM
*Base XSD Type: string	
Code Value	Description
ea	Each
bx	Box
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

Acknowledge Vehicle Order

Code Value	Description
kw	kilowatt

UrbanizationCode

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

Geographic definition of a metropolitan or suburban area

Name	UrbanizationCode
------	------------------

*Base XSD Type: string

URI

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

URI

Name	URI
------	-----

*Base XSD Type: anyURI

VehicleAllocatedDate

These field(s) use this type: VehicleAllocatedDate.

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

Name	VehicleAllocatedDate
------	----------------------

*Base XSD Type: date

VehicleLocation

These field(s) use this type: VehicleLocation.

Acknowledge Vehicle Order

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

Acknowledge Vehicle Order

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

Acknowledge Vehicle Order

WholesaleDate

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

Date the vehicle was wholesaled to dealer

Name	WholesaleDate
------	---------------

*Base XSD Type: date

Year

Year

Name	Year
------	------

*Base XSD Type: gYear

Acknowledge Vehicle Order

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.

Acknowledge

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

The Acknowledge verb is used to acknowledge the application receipt of a Process request. This function conveys the result of the original request. An example of this is Acknowledge PO, where a Process PO has been issued and the corresponding business application acknowledges the receipt of the PO and responds with an acceptance or a counter offer.

Name	Acknowledge
Type	Acknowledge
Nilable	no
Abstract	no

XML Instance Representation

```
<Acknowledge  
confirm="ConfirmType [0..1]">  
  <OriginalBODId> xsd:NMTOKEN </OriginalBODId> [0..1]  
</Acknowledge>
```

AcknowledgeVehicleOrder

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

Name	AcknowledgeVehicleOrder
Type	AcknowledgeVehicleOrder
Nilable	no
Abstract	no

Acknowledge Vehicle Order

XML Instance Representation

```
<AcknowledgeVehicleOrder
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> AcknowledgeVehicleOrderDataArea </DataArea> [1]
</AcknowledgeVehicleOrder>
```

ApplicationArea

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

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

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

Name	ApplicationArea
Type	ApplicationArea
Niltable	no
Abstract	no

XML Instance Representation

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

Acknowledge Vehicle Order

</ApplicationArea>

Header

Name	Header
Type	VehicleOrderHeader
Nilable	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 </SpecialInstructions> [0..1]

```


Acknowledge Vehicle Order

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

Vehicle

Name	Vehicle
Type	VehicleOrderVehicle
Nullable	no
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 </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..*]
```

Acknowledge Vehicle Order

```
<ExteriorColor> ExteriorColor </ExteriorColor> [0..*]  
<TransmissionType> TransmissionType </TransmissionType> [0..1]  
<Option> VOption </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 </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 </VehicleStatus> [0..1]  
<VehicleShipDate> VehicleShipDate </VehicleShipDate> [0..1]  
<VehicleAllocatedDate> VehicleAllocatedDate </VehicleAllocatedDate> [0..1]  
<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..*]  
<VehicleOrderQty> VehicleOrderQty </VehicleOrderQty> [0..1]  
</Vehicle>
```

VehicleOrder

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

Acknowledge Vehicle Order

Name	VehicleOrder
Type	VehicleOrder
Nilable	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
Nilable	no
Abstract	yes

XML Instance Representation

```
<Verb/>
```

Acknowledge Vehicle Order
