Implementation Guidelines
Get Vehicle Specifications
Repository Version Rev4.5.4

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Get Vehicle Specifications Guidelines

Overview

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

Implementation Guidelines provide detailed information regarding the structure and meaning of the Get Vehicle Specifications BOD and corresponds directly to the Get Vehicle Specifications 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 Get Vehicle Specifications Implementation Guidelines must be used in concert with the Get Vehicle Specifications 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 Get Vehicle Specifications 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 Get Vehicle Specifications BOD. Where possible, STAR has mapped to existing OAGI fields and components. Note however that the STAR Get Vehicle Specifications 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 Get Vehicle Specifications except the Get verb. Please refer to each Noun/Verb combination within this document to understand the requirements for each specific BOD. Although the Noun will always have every field defined for the Noun in the schema, each Noun/Verb combination may not use all of the fields. If a field is not used by a BOD, it will be noted in the business rules.

Business Scenario

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

Relationship Diagram

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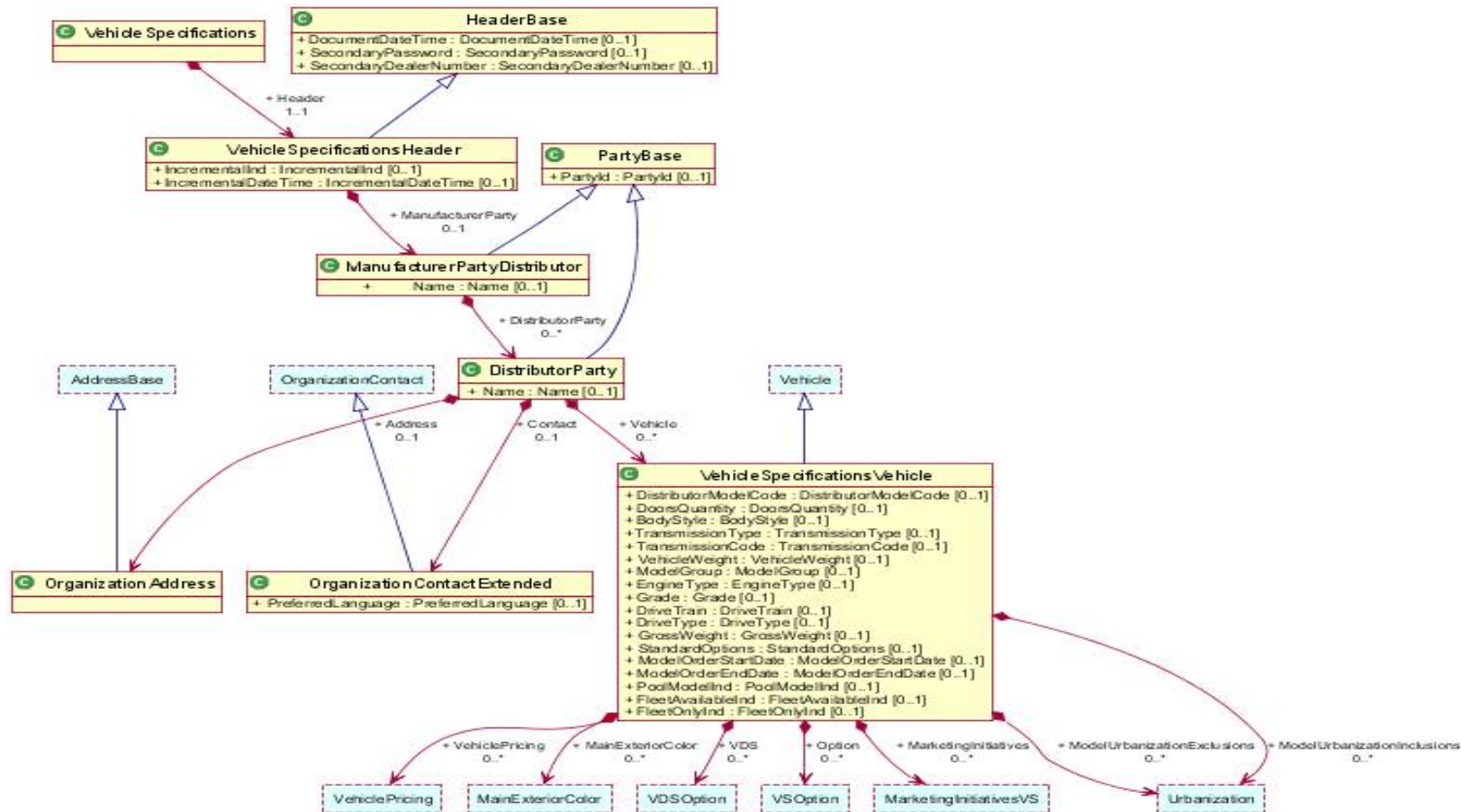
Schema Document Properties

Declared Namespaces

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

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

Components and Data Types

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

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	

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]
</...>
```

AltExteriorColorDescription

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

Alternate description of exterior color

Name	AltExteriorColorDescription
Abstract	no

XML Instance Representation

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

Amount

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

Name	Amount
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
currency		R	

XML Instance Representation

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

ApplicationArea

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

Name	ApplicationArea
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Sender	Identifies characteristics and control identifiers that relate to the application that created the Business Object Document. The sender area can indicate the logical location of the application and/or database server, the application, and the task that was processing to create the BOD.	R	
CreationDateTime	is the date time stamp that the given instance of the Business Object Document was created. This date must not be modified during the life of the Business Object Document.	R	
Signature	If the BOD is to be signed the signature element is included, otherwise it is not. Signature supports any digital signature that maybe used by an implementation of OAGIS. The qualifyingAgency identifies the agency that provided the format for the signature. This element supports any digital signature specification that is available today and in the future. This is accomplished by not actually defining the content but by allowing the implementation to specify the digital signature to be used via an external XML Schema namespace declaration. The Signature element is defined to have any content from any other namespace. This allows the user to carry a digital signature in the xml instance of a BOD. The choice of which digital signature to use is left up to the user and their integration needs.	O	
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	

Get Vehicle Specifications

Field / Component	Description	R/O	Business Rule
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]
</...>
```

BeginningUrbanization

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

Beginning of Geographical area of urbanization. Ex: zip code or state

Name	BeginningUrbanization
Abstract	no

XML Instance Representation

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

BusinessObjectDocument

Name	BusinessObjectDocument
Abstract	no

Attributes

Get Vehicle Specifications

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

Data Elements and Components

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

XML Instance Representation

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

ColorExclusionSet

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

Name	ColorExclusionSet
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> VSOption </Option> [0..*]
</...>
```

ColorOptionExclusions

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

Name	ColorOptionExclusions

Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
ExclusionsSet	Inclusives Option set	O	

XML Instance Representation

```
<...>
   <ExclusionsSet> ColorExclusionSet </ExclusionsSet> [0..*]
</...>
```

ColorOptionRequirements

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

Name	ColorOptionRequirements
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
RequirementsSet	Inclusives Option set	O	

XML Instance Representation

```
<...>
   <RequirementsSet> ColorRequirementSet </RequirementsSet> [0..*]
</...>
```

ColorPricingComponent

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

Name	ColorPricingComponent

Get Vehicle Specifications

Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
VehiclePrice	Customer price of vehicle	R	
PriceExplanation	Explanatory Note for Pricing Example: Anniversary Edition	O	
VehiclePricingType	Designates type of pricing for vehicle transaction	O	
PricingTypeSource	Source from which pricing type data originated (i.e. Blue Book, NADA, etc.)	O	

XML Instance Representation

```
<...>
   <VehiclePrice> VehiclePrice </VehiclePrice> [1]
   <PriceExplanation> PriceExplanation </PriceExplanation> [0..1]
   <VehiclePricingType> VehiclePricingType </VehiclePricingType> [0..1]
   <PricingTypeSource> PricingTypeSource </PricingTypeSource> [0..1]
</...>
```

ColorRequirementSet

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

Name	ColorRequirementSet
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> VSOption </Option> [0..*]
</...>
```

ColorsCombination

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

Name	ColorsCombination
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
SecondaryColor	Component to describe secondary colors	O	
ColorPricingComponent	Additional amount based on color option	O	
ColorOptionRequirements	Requirements related to color combination	O	
ColorOptionExclusions	Exclusions related to color combination	O	
FleetAvailableInd	Color combination available To Fleet Indicator	O	
FleetOnlyInd	Indicates that this Color combination only available to Fleet	O	
ColorOrderStartDate	Color Order Start Date	O	
ColorOrderEndDate	Color Order End Date	O	
ColorsCombinationGroup	The ColorsCombinationGroup component groups the various combinations of vehicle interior colors and interior color codes.	O	

XML Instance Representation

```
<...>
```

```
    <SecondaryColor> SecondaryColor </SecondaryColor> [0..*]
    <ColorPricingComponent> ColorPricingComponent </ColorPricingComponent> [0..*]
    <ColorOptionRequirements> ColorOptionRequirements </ColorOptionRequirements> [0..*]
    <ColorOptionExclusions> ColorOptionExclusions </ColorOptionExclusions> [0..*]
    <FleetAvailableInd> FleetAvailableInd </FleetAvailableInd> [0..1]
    <FleetOnlyInd> FleetOnlyInd </FleetOnlyInd> [0..1]
    <ColorOrderStartDate> ColorOrderStartDate </ColorOrderStartDate> [0..1]
    <ColorOrderEndDate> ColorOrderEndDate </ColorOrderEndDate> [0..1]
    <ColorsCombinationGroup> ColorsCombinationGroup </ColorsCombinationGroup> [0..1]
</...>
```

ColorsCombinationDetail

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

The ColorsCombinationDetail component identifies the vehicle interior color.

Name	ColorsCombinationDetail
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
InteriorColor	Vehicle Interior Color(s)	R	
InteriorColorCode	Vehicle Interior color code(s)	R	

XML Instance Representation

```
<...>
    <InteriorColor> InteriorColor </InteriorColor> [1]
    <InteriorColorCode> InteriorColorCode </InteriorColorCode> [1]
</...>
```

ColorsCombinationGroup

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

The ColorsCombinationGroup component groups the various combinations of vehicle interior colors and interior color codes.

Name	ColorsCombinationGroup
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
ColorsCombinationDetail	The ColorsCombinationDetail component identifies the vehicle interior color.	R	

XML Instance Representation

```
<...>
   <ColorsCombinationDetail> ColorsCombinationDetail </ColorsCombinationDetail> [1..*]
</...>
```

ConfirmableVerb

Name	ConfirmableVerb
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
confirm		R	

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Verb		R	

XML Instance Representation

Get Vehicle Specifications

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

Count

Simple quantity type with no attributes

Name	Count
Abstract	no

XML Instance Representation

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

Description

Description

Name	Description
Abstract	no

Attributes

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

XML Instance Representation

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

Destination

Get Vehicle Specifications

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

XML Instance Representation

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

DistributorParty

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

Name	DistributorParty
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
Name	Name of distributor	O	
Address	Distributor address	O	
Contact	Distributor contact information	O	
Vehicle	Information about the vehicle(s)	O	

XML Instance Representation

```
<...>
```

```
   <PartyId> PartyId </PartyId> [0..1]
   <Name> Name </Name> [0..1]
   <Address> OrganizationAddress </Address> [0..1]
   <Contact> OrganizationContactExtended </Contact> [0..1]
   <Vehicle> VehicleSpecificationsVehicle </Vehicle> [0..*]
</...>
```

DoorsQuantity

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

Number of doors on vehicle

Name	DoorsQuantity
Abstract	no

XML Instance Representation

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

EndingUrbanization

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

Ending of Geographical area of urbanization. Ex: zip code or state

Name	EndingUrbanization
Abstract	no

XML Instance Representation

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

ExpressionCriteria

Name	ExpressionCriteria
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
expressionLanguage		O	

Data Elements and Components

Field / Component	Description	R/O	Business Rule
SelectExpression	Allows the 1-n number of selection expressions for the information to be returned.	R	

XML Instance Representation

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

Get

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

Name	Get
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
show		R	

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Verb		R	
ReturnCriteria	ReturnCriteria identifies the content that is to be returned, given query success. In essence, the expression here has the effect of filtering the part(s) of the found element(s) that are to be returned. ReturnCriteria plays no role in the query itself. That is handled as a match against the request BOD's noun exemplar. ReturnCriteria allows the sender of the BOD to indicate which information (down to the field level) is requested to be returned, given that the query has been successful in matching the exemplar to existing nouns. That is, in a GetListPurchaseOrder, if one or more PurchaseOrders with a TotalPrice = $1M were found, ReturnCriteria tells the BOD recipient which parts of the PurchaseOrder should be populated with content when the response (ShowPurchaseOrder) is formulated. The expressionLanguage indicates the expression language being used. In order for the ReturnCriteria expression to be evaluable by the BOD recipient, the recipient must be capable of processing and interpreting the specified expression language. XPath is the default, due to its ubiquity among XML processing technologies.	R	

XML Instance Representation

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

GetVehicleSpecifications

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

Get Vehicle Specifications

Name	GetVehicleSpecifications
Abstract	no

Data Elements and Components

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

XML Instance Representation

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

GetVehicleSpecificationsDataArea

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

Name	GetVehicleSpecificationsDataArea

Get Vehicle Specifications

Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Get	The Get verb is to communicate to a business software component a request for an existing piece of information to be returned. The Get may be paired with most of the nouns defined in the OAGIS specification.The response to this request is the Show verb. The behavior of a BOD with a Get verb is quite predictable across most of the nouns it may be paired with.The Get is designed to retrieve a single piece of information by using that information's primary retrieval field, or key field. The Get verb is not used to request several documents at once. The GetList verb is designed to achieve that purpose and will be covered in more detail later.Selection Criteria:There are two types of selection capabilities for most BOD's that use the Get verb.1) The first selection capability is called Field-Based Selection. Within a Get-based Business Object Document, the first Data Type that occurs in a specific BOD structure is commonly used to provide the Field-Based Selection criteria. This is always defined within the specific BOD and is commonly the required fields for that specific Data type.The Field-Based Selection enables the requester to provide a value or values (in the case of multiple required Field Identifiers), in the required fields. Then the responding component uses those values to find and return the requested information to the originating business software component.2) The second type of selection capability for Get-based BODs is called Data Type Selection. Data Type selection enables the requester to identify which Data Types within the noun are requested to be returned in the response. The use of this capability is described for each corresponding Data Type for all BODs that use the Get verb. The Data Types are identified for retrieval within the Get instance of a BOD by including the name of the Data Type in the meta data but without any Field Identifiers or Segments identified within the Data Type. This will signify to the responding application that all of the data that corresponds to that Data Type is to be included in the response.If the Data Type is not requested, the Data Type identifier is not included in the Get request and this will signify to the responding component that the Data Type is not to be returned.	R	
VehicleSpecifications		R	

Get Vehicle Specifications

XML Instance Representation

```
<...>
   <Get> ... </Get> [1]
   <VehicleSpecifications> ... </VehicleSpecifications> [1..*]
</...>
```

GrossWeight

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

Gross Weight

Name	GrossWeight
Abstract	no

XML Instance Representation

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

HeaderBase

Used on all STAR BODs

Name	HeaderBase
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
DocumentDateTime	Is the date and time the document was last created. This is not the date and time that the BOD message instance was created.	O	
SecondaryPassword	Secondary password used to validate access to the dealer information	O	

Get Vehicle Specifications

Field / Component	Description	R/O	Business Rule
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

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

Party Identification number

Name	Id
Abstract	no

XML Instance Representation

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

InitiativeId

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

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

Name	InitiativeId
Abstract	no

XML Instance Representation

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

ItemId

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

Item part number

Name	ItemId
Abstract	no

XML Instance Representation

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

LocationId

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

Code identifying a physical location

Name	LocationId
Abstract	no

XML Instance Representation

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

MainExteriorColor

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

Get Vehicle Specifications

Name	MainExteriorColor
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
ExteriorColor	Main Vehicle Exterior Color	O	
ExteriorColorCode	Vehicle exterior color code(s) Note: This is the highlight or secondary color code for the exterior of the vehicle	O	
AltExteriorColorDescription	Alternate description of exterior color	O	
ColorsCombination	Color Combination of Vehicle	O	

XML Instance Representation

```
<...>
   <ExteriorColor> ExteriorColor </ExteriorColor> [0..1]
   <ExteriorColorCode> ExteriorColorCode </ExteriorColorCode> [0..1]
   <AltExteriorColorDescription> AltExteriorColorDescription </AltExteriorColorDescription> [0..1]
   <ColorsCombination> ColorsCombination </ColorsCombination> [0..*]
</...>
```

ManufacturerPartyDistributor

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

Name	ManufacturerPartyDistributor
Abstract	no

Data Elements and Components

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

Field / Component	Description	R/O	Business Rule
Name	Name of manufacturer or distributor	O	
DistributorParty	Distributors of the manufacturer of the vehicle(s)	O	

XML Instance Representation

```
<...>
   <PartyId> PartyId </PartyId> [0..1]
   <Name> Name </Name> [0..1]
   <DistributorParty> DistributorParty </DistributorParty> [0..*]
</...>
```

MarketingInitiativesVO

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	

Field / Component	Description	R/O	Business Rule
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]
  <FleetAccount> FleetAccount </FleetAccount> [0..1]
  <InitiativeDate> InitiativeDate </InitiativeDate> [0..1]
  <InitiativeChangeInd> InitiativeChangeInd </InitiativeChangeInd> [0..1]
</...>
```

MarketingInitiativesVS

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

Name	MarketingInitiativesVS
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	

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Field / Component	Description	R/O	Business Rule
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	
InitiativeStartDate	Initiative begin date	O	
InitiativeEndDate	Initiative ending date	O	
Urbanization	Urbanization/region Initiative information	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]
   <FleetAccount> FleetAccount </FleetAccount> [0..1]
   <InitiativeDate> InitiativeDate </InitiativeDate> [0..1]
   <InitiativeChangeInd> InitiativeChangeInd </InitiativeChangeInd> [0..1]
   <InitiativeStartDate> InitiativeStartDate </InitiativeStartDate> [0..1]
   <InitiativeEndDate> InitiativeEndDate </InitiativeEndDate> [0..1]
   <Urbanization> Urbanization </Urbanization> [0..*]
</...>
```

Measurement

Decimal measurement

Name	Measurement
Abstract	no

XML Instance Representation

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

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
</...>
```

MonroneyOptionDescription

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

Description that appears on window stickers that is required by federal law

Name	MonroneyOptionDescription
Abstract	no

XML Instance Representation

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

NumberOfOptions

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

Numbers of options in this set

Name	NumberOfOptions
Abstract	no

XML Instance Representation

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

OptionCost

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

Actual Dealer cost of option

Name	OptionCost
Abstract	no

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
</...>
```

OptionPackageDiscount

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

Discount on Option Package

Name	OptionPackageDiscount
Abstract	no

XML Instance Representation

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

OptionPackageId

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

Option package number or identifier used as a method for grouping option package items from manufacturer(s) Ex: OptPkg1,cost,

Name	OptionPackageId
Abstract	no

XML Instance Representation

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

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

OptionPricingComponent

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

Name	OptionPricingComponent
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
VehiclePrice	Customer price of vehicle	R	
PriceExplanation	Explanatory Note for Pricing Example: Anniversary Edition	O	
VehiclePricingType	Designates type of pricing for vehicle transaction	O	
PricingTypeSource	Source from which pricing type data originated (i.e. Blue Book, NADA, etc.)	O	

XML Instance Representation

```
<...>
    <VehiclePrice> VehiclePrice </VehiclePrice> [1]
    <PriceExplanation> PriceExplanation </PriceExplanation> [0..1]
    <VehiclePricingType> VehiclePricingType </VehiclePricingType> [0..1]
    <PricingTypeSource> PricingTypeSource </PricingTypeSource> [0..1]
</...>
```

OptionShortDescription

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

Abbreviated description of the option

Name	OptionShortDescription
Abstract	no

XML Instance Representation

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

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	
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]
</...>
```

OrganizationContact

Name	OrganizationContact
Abstract	no

Data Elements and Components

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

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]
</...>
```

OrganizationContactExtended

Get Vehicle Specifications

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

Name	OrganizationContactExtended
Abstract	no

Data Elements and Components

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

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]
   <PreferredLanguage> PreferredLanguage </PreferredLanguage> [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]
</...>
```

OrganizationPartyEmail

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

Organization email

Name	OrganizationPartyEmail
Abstract	**no**

XML Instance Representation

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

OrganizationPartyFax

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

OrganizationFax number

Name	OrganizationPartyFax
Abstract	no

XML Instance Representation

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

OrganizationPartyTelephone

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

OrganizationParty telephone number

Name	OrganizationPartyTelephone
Abstract	no

Attributes

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

XML Instance Representation

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

PartyBase

Derived from oa:Party

Name	PartyBase
Abstract	no

Data Elements and Components

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

XML Instance Representation

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

PartyId

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

Party Identification Number

Name	PartyId
Abstract	no

XML Instance Representation

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

ReimbursementAmount

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

Amount returned to payee

Name	ReimbursementAmount
Abstract	no

XML Instance Representation

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

ReimbursementId

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

Reimbursement certificate or coupon identification

Name	ReimbursementId
Abstract	no

XML Instance Representation

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

RequestVerb

Name	RequestVerb
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Verb		R	

Get Vehicle Specifications

Field / Component	Description	R/O	Business Rule
ReturnCriteria	ReturnCriteria identifies the content that is to be returned, given query success. In essence, the expression here has the effect of filtering the part(s) of the found element(s) that are to be returned. ReturnCriteria plays no role in the query itself. That is handled as a match against the request BOD's noun exemplar. ReturnCriteria allows the sender of the BOD to indicate which information (down to the field level) is requested to be returned, given that the query has been successful in matching the exemplar to existing nouns. That is, in a GetListPurchaseOrder, if one or more PurchaseOrders with a TotalPrice = $1M were found, ReturnCriteria tells the BOD recipient which parts of the PurchaseOrder should be populated with content when the response (ShowPurchaseOrder) is formulated. The expressionLanguage indicates the expression language being used. In order for the ReturnCriteria expression to be evaluable by the BOD recipient, the recipient must be capable of processing and interpreting the specified expression language. XPath is the default, due to its ubiquity among XML processing technologies.	R	

XML Instance Representation

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

SecondaryColor

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

Name	SecondaryColor
Abstract	**no**

Data Elements and Components

Field / Component	Description	R/O	Business Rule
SecondaryExteriorColor	Secondary Vehicle Exterior Color(s) Note: This is the highlight or secondary color for the exterior of the vehicle	O	

Get Vehicle Specifications

Field / Component	Description	R/O	Business Rule
SecondaryExteriorColorCode	Secondary Vehicle exterior color code(s) Note: This is the highlight or secondary color code for the exterior of the vehicle	O	
SecondaryExteriorColorDesc	Secondary Vehicle Exterior Color(s) Description Note: This is the description of what the secondary color represents. Ex: Convertible top or secondary exterior color	O	

XML Instance Representation

```
<...>
   <SecondaryExteriorColor> SecondaryExteriorColor </SecondaryExteriorColor> [0..1]
   <SecondaryExteriorColorCode> SecondaryExteriorColorCode </SecondaryExteriorColorCode> [0..1]
   <SecondaryExteriorColorDesc> SecondaryExteriorColorDesc </SecondaryExteriorColorDesc> [0..1]
</...>
```

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
</...>
```

SecondaryExteriorColorDesc

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

Secondary Vehicle Exterior Color(s) Description Note: This is the description of what the secondary color represents. Ex: Convertible top or secondary exterior color

Name	SecondaryExteriorColorDesc

Get Vehicle Specifications

Abstract	no

XML Instance Representation

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

Sender

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

Name	Sender
Abstract	no

Data Elements and Components

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

Get Vehicle Specifications

Field / Component	Description	R/O	Business Rule
Task	Describes the business event that initiated the need for the Business Object Document to be created. For STAR, the task is defined in the Implementation Guidelines for each BOD. It is usually a short description of the BOD. Ex: SalesLead, CreditDecision, etc.	R	
ReferenceId	Enables the sending application to indicate the instance identifier of the event or task that caused the BOD to be created. This is used to correlate a response BOD to an originating BOD	O	
AuthorizationId	Identifyies the authorization level of the user or application that is sending the Business Object Document Message. This authorization level being recognized be the receiving system indicates what can be done on the receiving system. For STAR, this is the User ID.	O	
CreatorNameCode	DCS Software Creator Code	R	
SenderNameCode	Additional information about the sending platform (i.e., Short MFG or DSP code).	R	
SenderURI	Physical address of the sender	O	
DealerNumber	Dealer Code of source of information	O	
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 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	

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

XML Instance Representation

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

</...>

SenderBase

Name	SenderBase
Abstract	no

Data Elements and Components

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

Field / Component	Description	R/O	Business Rule
AuthorizationId	Identifyies the authorization level of the user or application that is sending the Business Object Document Message. This authorization level being recognized be the receiving system indicates what can be done on the receiving system. For STAR, this is the User ID.	O	

XML Instance Representation

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

ServiceId

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

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

Name	ServiceId
Abstract	no

XML Instance Representation

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

SetId

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

Identification of the group of options

Name	SetId

Get Vehicle Specifications

Abstract	no

XML Instance Representation

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

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]
</...>
```

Urbanization

These field(s) use this type:
ModelUrbanizationInclusions,ModelUrbanizationExclusions,OptionUrbanizationInclusions,OptionUrbanizationExclusions,Urbanization,OptionUrbanizatio

Get Vehicle Specifications

Component to define urbanization areas such as region

Name	Urbanization
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
UrbanizationCode	Geographic definition of a metropolitan or suburban area.	O	
UrbanizationDescription	Description of the marketing region. Ex: Northeastern US	O	
BeginningUrbanization	Beginning of Geographical area of urbanization. Ex: zip code or state	O	
EndingUrbanization	Ending of Geographical area of urbanization. Ex: zip code or state	O	

XML Instance Representation

```
<...>
   <UrbanizationCode> UrbanizationCode </UrbanizationCode> [0..1]
   <UrbanizationDescription> UrbanizationDescription </UrbanizationDescription> [0..1]
   <BeginningUrbanization> BeginningUrbanization </BeginningUrbanization> [0..1]
   <EndingUrbanization> EndingUrbanization </EndingUrbanization> [0..1]
</...>
```

UrbanizationDescription

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

Description of the urbanization region. Ex: Northeastern US

Name	UrbanizationDescription
Abstract	no

XML Instance Representation

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

Description
</...>

VDSOption

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

Name	VDSOption
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
VDSCode	Vehicle description Section - part of the VIN that correlates to a specific vehicle model, bodystyle and grade	O	
InclusivesOption	Requirements related to color combination	O	
ConflictsOption	Exclusions related to color combination	O	

XML Instance Representation

```
<...>
   <VDSCode> VDSCode </VDSCode> [0..1]
   <InclusivesOption> VSInclusivesOption </InclusivesOption> [0..*]
   <ConflictsOption> VSConflictsOption </ConflictsOption> [0..*]
</...>
```

Vehicle

Name	Vehicle
Abstract	no

Data Elements and Components

Get Vehicle Specifications

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	

XML Instance Representation

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

VehiclePrice

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

Customer price of vehicle

Name	VehiclePrice
Abstract	**no**

XML Instance Representation

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

VehiclePricing

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

Name	VehiclePricing
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
VehiclePrice	Customer price of vehicle	R	
PriceExplanation	Explanatory Note for Pricing Example: Anniversary Edition	O	
VehiclePricingType	Designates type of pricing for vehicle transaction	O	
PricingTypeSource	Source from which pricing type data originated (i.e. Blue Book, NADA, etc.)	O	

XML Instance Representation

```
<...>
   <VehiclePrice> VehiclePrice </VehiclePrice> [1]
   <PriceExplanation> PriceExplanation </PriceExplanation> [0..1]
   <VehiclePricingType> VehiclePricingType </VehiclePricingType> [0..1]
   <PricingTypeSource> PricingTypeSource </PricingTypeSource> [0..1]
</...>
```

VehicleSpecifications

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

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Name	VehicleSpecifications
Abstract	no

Data Elements and Components

Get Vehicle Specifications

Field / Component	Description	R/O	Business Rule
Header		R	

XML Instance Representation

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

VehicleSpecificationsHeader

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

Name	VehicleSpecificationsHeader
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	
ManufacturerParty	Manufacturer of the vehicle(s)	O	
IncrementalInd	Specifies whether to send full specifications or incremental changes	O	
IncrementalDateTime	Send all changes that have occurred since this date	O	

XML Instance Representation

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

<div style="border:1px solid #000; background:#ccccff; padding:8px">

<SecondaryDealerNumber> SecondaryDealerNumber </SecondaryDealerNumber> [0..1]
<ManufacturerParty> ManufacturerPartyDistributor </ManufacturerParty> [0..1]
<IncrementalInd> IncrementalInd </IncrementalInd> [0..1]
<IncrementalDateTime> IncrementalDateTime </IncrementalDateTime> [0..1]
</...>

</div>

VehicleSpecificationsVehicle

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

Name	VehicleSpecificationsVehicle
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	
DistributorModelCode	Alternate model code, usually used for vehicle ordering	O	
DoorsQuantity	Number of doors on vehicle	O	
BodyStyle	Manufacturer-assigned vehicle body style	O	
TransmissionType	Vehicle Transmission type	O	
TransmissionCode	Transmission Serial Number	O	
VehicleWeight	Vehicle weight	O	
VehiclePricing	Vehicle pricing	O	

Get Vehicle Specifications

Field / Component	Description	R/O	Business Rule
ModelGroup	Grouping of similar models for order management purposes (EX: series model group such as Camry)	O	
EngineType	Manufacturer-assigned code to designate vehicle engine type (i.e., 1EZ)	O	
Grade	Indicates the specific class of vehicle attached to the model description (i.e., GT, XLE, SE)	O	
DriveTrain	Indicates whether the vehicle is 2 or 4 wheel drive (i.e., 2WD, 4WD, 4x4, 4x2)	O	
DriveType	Designates vehicle drive type	O	
GrossWeight	Fully loaded weight for one vehicle as determined by manufacturer	O	
StandardOptions	Standard equipment options available on the vehicle (i.e., base model options included in the vehicle)	O	
ModelOrderStartDate	First Order Date when you can order this model	O	
ModelOrderEndDate	Last Order Date when you can order this model	O	
PoolModelInd	Indicates that this is a Model that is pre-ordered for Order Pools	O	
MainExteriorColor	Main Vehicle Exterior Color	O	
VDS	VDS option component	O	
FleetAvailableInd	Vehicle available To Fleet Indicator	O	
FleetOnlyInd	Indicates that this vehicle only available to Fleet	O	
Option	Vehicle option component	O	
MarketingInitiatives	Marketing Initiatives associated with the vehicle(s)	O	
ModelUrbanizationInclusions	Inclusions by Model will be defined by using the Urbanization component	O	
ModelUrbanizationExclusions	Exclusions by Model will be defined by using the Urbanization component	O	

Get Vehicle Specifications

XML Instance Representation

```
<...>
  <Model> Model </Model> [0..1]
  <ModelYear> ModelYear </ModelYear> [0..1]
  <ModelDescription> ModelDescription </ModelDescription> [0..1]
  <Make> Make </Make> [0..1]
  <DistributorModelCode> DistributorModelCode </DistributorModelCode> [0..1]
  <DoorsQuantity> DoorsQuantity </DoorsQuantity> [0..1]
  <BodyStyle> BodyStyle </BodyStyle> [0..1]
  <TransmissionType> TransmissionType </TransmissionType> [0..1]
  <TransmissionCode> TransmissionCode </TransmissionCode> [0..1]
  <VehicleWeight> VehicleWeight </VehicleWeight> [0..1]
  <VehiclePricing> VehiclePricing </VehiclePricing> [0..*]
  <ModelGroup> ModelGroup </ModelGroup> [0..1]
  <EngineType> EngineType </EngineType> [0..1]
  <Grade> Grade </Grade> [0..1]
  <DriveTrain> DriveTrain </DriveTrain> [0..1]
  <DriveType> DriveType </DriveType> [0..1]
  <GrossWeight> GrossWeight </GrossWeight> [0..1]
  <StandardOptions> StandardOptions </StandardOptions> [0..1]
  <ModelOrderStartDate> ModelOrderStartDate </ModelOrderStartDate> [0..1]
  <ModelOrderEndDate> ModelOrderEndDate </ModelOrderEndDate> [0..1]
  <PoolModelInd> PoolModelInd </PoolModelInd> [0..1]
  <MainExteriorColor> MainExteriorColor </MainExteriorColor> [0..*]
  <VDS> VDSOption </VDS> [0..*]
  <FleetAvailableInd> FleetAvailableInd </FleetAvailableInd> [0..1]
  <FleetOnlyInd> FleetOnlyInd </FleetOnlyInd> [0..1]
  <Option> VSOption </Option> [0..*]
  <MarketingInitiatives> MarketingInitiativesVS </MarketingInitiatives> [0..*]
  <ModelUrbanizationInclusions> Urbanization </ModelUrbanizationInclusions> [0..*]
  <ModelUrbanizationExclusions> Urbanization </ModelUrbanizationExclusions> [0..*]
</...>
```

VehicleWeight

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

Vehicle Weight

Name	VehicleWeight
Abstract	no

XML Instance Representation

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

Verb

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

Name	Verb
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule

XML Instance Representation

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

VSConflictsOption

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

Name	VSConflictsOption
Abstract	no

Data Elements and Components

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

XML Instance Representation

```
<...>
  <ConflictSet> VSOptionConflictSet </ConflictSet> [0..*]
</...>
```

VSInclusivesOption

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

Name	VSInclusivesOption
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
InclusiveSet	Inclusives Option set	O	

XML Instance Representation

```
<...>
  <InclusiveSet> VSOptionInclusiveSet </InclusiveSet> [0..*]
</...>
```

VSOption

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

Name	VSOption
Abstract	no

Data Elements and Components

Get Vehicle Specifications

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 ordered option, special package, standard, etc.	O	
PortInstalledInd	Indicates Port-installed accessories	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	
OptionStockNumber	Stock Number of Vehicle Option	O	
Manufacturer	Manufacturer of Vehicle Option	O	
OptionPricingComponent	Price of Vehicle Option	O	
ManufacturerInstalledInd	Indicates manufacturer-installed accessories	O	
ItemId	Part number identifier of Option	O	
DealerInstallationInd	Dealer installed accessories, before delivery of vehicle - Could be used for new or used vehicle, if applicable	O	
OptionPackageId	Option package number or identifier used as a method for grouping option package items from manufacturer(s) Ex: OptPkg1,cost,OptPkg1; Item1,nocost,OptPkg1; Item2,nocost,Optpkg1; Item3,cost,nullOptPkg; OptPkg2,cost,Optpkg2; Item5,nocost,OptPkg2Ã#Â¢Â#Ã#Â¦	O	
StandardOptionReplacement	Description of standard features replaced if you pick this option	O	
FleetAvailableInd	Option available To Fleet Indicator	O	
FleetOnlyInd	Indicates that this Option only available to Fleet	O	
OptionOrderStartDate	Option Order Start Date	O	

Get Vehicle Specifications

Field / Component	Description	R/O	Business Rule
OptionOrderEndDate	Option Order End Date	O	
MonroneyOptionDescription	Description that appears on window stickers that is required by federal law	O	
OptionShortDescription	Abbreviated description of the option	O	
OptionPackageDiscount	Discount on Option Package	O	
OptionUrbanizationInclusions	Inclusions for Option will be defined by using the Urbanization component	O	
OptionUrbanizationExclusions	Exclusions for Option will be defined by using the Urbanization component	O	
RequiredOption	Code of why option is required	R	
RequiredOptionGroup	The group of required options to which an option belongs. EX: Option A1, Option A2, Option A3 of which you may chose only 1.	R	
RequiredOptionGroup	The group of required options to which an option belongs. EX: Option A1, Option A2, Option A3 of which you may chose only 1.	O	
RequiredOptionGroupPriority	Identifies the priority of the required option within the required option category. For example, in an emission Required Option Group in California PZEV maybe priority 1 and Federal Emissions may be priority 2.	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]
    <Inclusives> VSInclusivesOption </Inclusives> [0..*]
    <Conflicts> VSConflictsOption </Conflicts> [0..*]
    <ColorDependentOptionInd> ColorDependentOptionInd </ColorDependentOptionInd> [0..1]
```

```
    <OptionStockNumber> OptionStockNumber </OptionStockNumber> [0..1]
    <Manufacturer> Manufacturer </Manufacturer> [0..1]
    <OptionPricingComponent> OptionPricingComponent </OptionPricingComponent> [0..*]
    <ManufacturerInstalledInd> ManufacturerInstalledInd </ManufacturerInstalledInd> [0..1]
    <ItemId> ItemId </ItemId> [0..1]
    <DealerInstallationInd> DealerInstallationInd </DealerInstallationInd> [0..1]
    <OptionPackageId> OptionPackageId </OptionPackageId> [0..1]
    <StandardOptionReplacement> StandardOptionReplacement </StandardOptionReplacement> [0..1]
    <FleetAvailableInd> FleetAvailableInd </FleetAvailableInd> [0..1]
    <FleetOnlyInd> FleetOnlyInd </FleetOnlyInd> [0..1]
    <OptionOrderStartDate> OptionOrderStartDate </OptionOrderStartDate> [0..1]
    <OptionOrderEndDate> OptionOrderEndDate </OptionOrderEndDate> [0..1]
    <MonroneyOptionDescription> MonroneyOptionDescription </MonroneyOptionDescription> [0..1]
    <OptionShortDescription> OptionShortDescription </OptionShortDescription> [0..1]
    <OptionPackageDiscount> OptionPackageDiscount </OptionPackageDiscount> [0..1]
    <OptionUrbanizationInclusions> Urbanization </OptionUrbanizationInclusions> [0..*]
    <OptionUrbanizationExclusions> Urbanization </OptionUrbanizationExclusions> [0..*]
Start Choice [1]
    <RequiredOption> RequiredOption </RequiredOption> [1]
    <RequiredOptionGroup> RequiredOptionGroup </RequiredOptionGroup> [1]
    <RequiredOptionGroup> RequiredOptionGroup </RequiredOptionGroup> [0..1]
End Choice
    <RequiredOptionGroupPriority> RequiredOptionGroupPriority </RequiredOptionGroupPriority> [0..1]
</...>
```

VSOption2

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

Name	VSOption2
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
OptionId	Option identifier code (i.e, AC)	O	

Get Vehicle Specifications

Field / Component	Description	R/O	Business Rule
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 ordered option, special package, standard, etc.	O	
PortInstalledInd	Indicates Port-installed accessories	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	
OptionStockNumber	Stock Number of Vehicle Option	O	
Manufacturer	Manufacturer of Vehicle Option	O	
OptionPricingComponent	Price of Vehicle Option	O	
ManufacturerInstalledInd	Indicates manufacturer-installed accessories	O	
ItemId	Part number identifier of Option	O	
DealerInstallationInd	Dealer installed accessories, before delivery of vehicle - Could be used for new or used vehicle, if applicable	O	
OptionPackageId	Option package number or identifier used as a method for grouping option package items from manufacturer(s) Ex: OptPkg1,cost,OptPkg1; Item1,nocost,OptPkg1; Item2,nocost,Optpkg1; Item3,cost,nullOptPkg; OptPkg2,cost,Optpkg2; Item5,nocost,OptPkg2Ã#Â¢Ã#Ã#Â¦	O	
StandardOptionReplacement	Description of standard features replaced if you pick this option	O	
FleetAvailableInd	Option available To Fleet Indicator	O	
FleetOnlyInd	Indicates that this Option only available to Fleet	O	
OptionOrderStartDate	Option Order Start Date	O	
OptionOrderEndDate	Option Order End Date	O	

Field / Component	Description	R/O	Business Rule
MonroneyOptionDescription	Description that appears on window stickers that is required by federal law	O	
OptionShortDescription	Abbreviated description of the option	O	
OptionPackageDiscount	Discount on Option Package	O	
OptionUrbanizationInclusions	Inclusions for Option will be defined by using the Urbanization component	O	
OptionUrbanizationExclusions	Exclusions for Option will be defined by using the Urbanization component	O	
RequiredOption	Code of why option is required	R	
RequiredOptionGroup	The group of required options to which an option belongs. EX: Option A1, Option A2, Option A3 of which you may chose only 1.	R	
RequiredOptionGroup	The group of required options to which an option belongs. EX: Option A1, Option A2, Option A3 of which you may chose only 1.	O	
RequiredOptionGroupPriority	Identifies the priority of the required option within the required option category. For example, in an emission Required Option Group in California PZEV maybe priority 1 and Federal Emissions may be priority 2.	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]
   <Inclusives> VSInclusivesOption </Inclusives> [0..*]
   <Conflicts> VSConflictsOption </Conflicts> [0..*]
   <ColorDependentOptionInd> ColorDependentOptionInd </ColorDependentOptionInd> [0..1]
   <OptionStockNumber> OptionStockNumber </OptionStockNumber> [0..1]
   <Manufacturer> Manufacturer </Manufacturer> [0..1]
```

```
    <OptionPricingComponent> OptionPricingComponent </OptionPricingComponent> [0..*]
    <ManufacturerInstalledInd> ManufacturerInstalledInd </ManufacturerInstalledInd> [0..1]
    <ItemId> ItemId </ItemId> [0..1]
    <DealerInstallationInd> DealerInstallationInd </DealerInstallationInd> [0..1]
    <OptionPackageId> OptionPackageId </OptionPackageId> [0..1]
    <StandardOptionReplacement> StandardOptionReplacement </StandardOptionReplacement> [0..1]
    <FleetAvailableInd> FleetAvailableInd </FleetAvailableInd> [0..1]
    <FleetOnlyInd> FleetOnlyInd </FleetOnlyInd> [0..1]
    <OptionOrderStartDate> OptionOrderStartDate </OptionOrderStartDate> [0..1]
    <OptionOrderEndDate> OptionOrderEndDate </OptionOrderEndDate> [0..1]
    <MonroneyOptionDescription> MonroneyOptionDescription </MonroneyOptionDescription> [0..1]
    <OptionShortDescription> OptionShortDescription </OptionShortDescription> [0..1]
    <OptionPackageDiscount> OptionPackageDiscount </OptionPackageDiscount> [0..1]
    <OptionUrbanizationInclusions> Urbanization </OptionUrbanizationInclusions> [0..*]
    <OptionUrbanizationExclusions> Urbanization </OptionUrbanizationExclusions> [0..*]
Start Choice [1]
    <RequiredOption> RequiredOption </RequiredOption> [1]
    <RequiredOptionGroup> RequiredOptionGroup </RequiredOptionGroup> [1]
    <RequiredOptionGroup> RequiredOptionGroup </RequiredOptionGroup> [0..1]
End Choice
    <RequiredOptionGroupPriority> RequiredOptionGroupPriority </RequiredOptionGroupPriority> [0..1]
</...>
```

VSOptionConflictSet

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

Name	VSOptionConflictSet
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	

Field / Component	Description	R/O	Business Rule
ConflictOption	Options within set	O	

XML Instance Representation

```
<...>
   <SetId> SetId </SetId> [0..1]
   <NumberOfOptions> NumberOfOptions </NumberOfOptions> [0..1]
   <ConflictOption> VSOption2 </ConflictOption> [0..*]
</...>
```

VSOptionInclusiveSet

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

Name	VSOptionInclusiveSet
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	
InclusiveOption	Options within set	O	

XML Instance Representation

```
<...>
   <SetId> SetId </SetId> [0..1]
   <NumberOfOptions> NumberOfOptions </NumberOfOptions> [0..1]
   <InclusiveOption> VSOption2 </InclusiveOption> [0..*]
</...>
```

Weight

Weight measurement

Name	Weight
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
uom		R	

XML Instance Representation

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

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

BodyStyle

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

Manufacturer-assigned vehicle body style

Name	BodyStyle

*
Base XSD Type: string

City

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

City of the Address.

Name	City

*Base XSD Type: string

Code

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

Unique code name

Name	Code

*Base XSD Type: string

ColorDependentOptionInd

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

Option influences color availability indicator

Name	ColorDependentOptionInd

*Base XSD Type: string

Code Value	Description
0	
1	

ColorOrderEndDate

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

Color Order End Date

Name	ColorOrderEndDate

*Base XSD Type: date

ColorOrderStartDate

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

Color Order Start Date

Name	ColorOrderStartDate

*Base XSD Type: date

ConfirmType

Name	ConfirmType

*Base XSD Type: NMTOKEN

Code Value	Description
Always	
OnChange	
Never	

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.**

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

Name	ContactTime

Base XSD Type: string

Country

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

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

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

Name	Country

*Base XSD Type: string

Code Value	Description
US	
AF	
AL	
DZ	
AS	

Get Vehicle Specifications

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

Get Vehicle Specifications

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

Get Vehicle Specifications

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

Get Vehicle Specifications

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

Get Vehicle Specifications

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

Get Vehicle Specifications

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

Get Vehicle Specifications

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

Get Vehicle Specifications

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

Get Vehicle Specifications

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

Get Vehicle Specifications

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

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

County

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

Business party county location

Name	County

*
Base XSD Type: string

Currency

Get Vehicle Specifications

The ISO code identifying the type of currency in use.

Name	Currency

Base XSD Type: string

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

Get Vehicle Specifications

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

Get Vehicle Specifications

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

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

Get Vehicle Specifications

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

Get Vehicle Specifications

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

Get Vehicle Specifications

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

Code Value	Description
YUD	
ZAR	
ZRZ	
ZWD	
Other	

Date

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

Name	Date

*Base XSD Type: date

DateTime

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

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

Name	DateTime

*Base XSD Type: dateTime

DealerInstallationInd

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

Indicates whether or not the dealership installed the part

Name	DealerInstallationInd

*Base XSD Type: string

Code Value	Description
0	
1	

DistributorModelCode

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

Alternate model code, usually used for vehicle ordering

Name	DistributorModelCode

*Base XSD Type: string

DocumentDateTime

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

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

Name	DocumentDateTime

*Base XSD Type: dateTime

DriveTrain

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

Indicates whether the vehicle is 2 or 4 wheel drive (ie: 2WD, 4WD, 4x4, 4x2)

Name	DriveTrain

*Base XSD Type: string

DriveType

Get Vehicle Specifications

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

Designates vehicle drive type

Name	DriveType

Base XSD Type: string

Code Value	Description
Front	Front wheel drive
Rear	Rear wheel drive

EngineType

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

Manufacturer-assigned code to designate vehicle engine type (ie: 1EZ

Name	EngineType

Base XSD Type: string

Expression

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

Name	Expression

Base XSD Type: string

ExpressionLanguage

Name	ExpressionLanguage

Base XSD Type: string

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

FleetAccount

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

Manufacturer defined fleet account number

Name	FleetAccount

*Base XSD Type: string

FleetAvailableInd

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

Vehicle available To Fleet Indicator

Name	FleetAvailableInd

*Base XSD Type: string

Code Value	Description
0	
1	

FleetOnlyInd

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

Indicates that this vehicle only available to Fleet

Name	FleetOnlyInd

*Base XSD Type: string

Code Value	Description
0	
1	

Grade

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

Indicates the specific class of vehicle attached to the model description (ie: GT, XLE, SE)

Name	Grade

*Base XSD Type: string

IncrementalDateTime

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

Send all changes that have occurred since this date

Name	IncrementalDateTime

*Base XSD Type: dateTime

IncrementalInd

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

Specifies whether to send full specifications or incremental changes

Name	IncrementalInd

*Base XSD Type: string

Code Value	Description
0	
1	

Indicator

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

0 = No, 1 = Yes

Name	Indicator

*Base XSD Type: string

Code Value	Description
0	
1	

InitiativeChangeInd

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

Can the Initiative be changed indicator

Name	InitiativeChangeInd

Base XSD Type: string

Code Value	Description
0	
1	

InitiativeDate

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

The date the initiative was processed.

Name	InitiativeDate

Base XSD Type: date

InitiativeEndDate

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

Initiative ending date

Name	InitiativeEndDate

Base XSD Type: date

InitiativeStartDate

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

Initiative begin date

Name	InitiativeStartDate

*Base XSD Type: date

InitiativeType

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

Type of program - Incentive or program related initiatives

Name	InitiativeType

*Base XSD Type: string

Code Value	Description
Program	Program-related initiative
Incentives	Incentive-related initiative
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

Language

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

Language conforms to ISO 639-2 rules. Note the format for this field is language-Country (see Country data type for the list of countries with definitions). AA "Afar", AB "Abkhazian", AF "Afrikaans", AM "Amharic", AR "Arabic", AS "Assamese", AY "Aymara", AZ "Azerbaijani", BA "Bashkir", BE "Byelorussian", BG "Bulgarian", BH "Bihari", BI "Bislama", BN "Bengali" "Bangla", BO "Tibetan", BR "Breton", CA "Catalan", CO "Corsican", CS "Czech", CY "Welsh", DA "Danish", DE "German", DZ "Bhutani", EL "Greek", EN "English" "American", ES "Spanish", ET "Estonian", EU "Basque", FA "Persian", FI "Finnish", FJ "Fiji", FO "Faeroese", FR "French", FY "Frisian", GA "Irish", GD "Gaelic" "Scots Gaelic", GL "Galician", GN "Guarani", GU "Gujarati", HA "Hausa", HI "Hindi", HR "Croatian", HU "Hungarian", HY "Armenian", IK "Inupiak", IN "Indonesian", IS "Icelandic", IT "Italian", IW "Hebrew", JA "Japanese", JI "Yiddish", JW "Javanese", KA "Georgian", KK "Kazakh", KL "Greenlandic", KM "Cambodian", KN "Kannada", KO "Korean", KS "Kashmiri", KU "Kurdish", KY "Kirghiz", LA "Latin", LN "Lingala", LO "Laothian", LT "Lithuanian", LV "Latvian" "Lettish", MG "Malagasy". MI "Maori", MK "Macedonian", ML "Malayalam", MN "Mongolian", MO "Moldavian", MR "Marathi", MS "Malay", MT "Maltese", MY "Burmese", NA "Nauru", NE "Nepali", NL "Dutch", NO "Norwegian", OC "Occitan", OM "Oromo" "Afan", OR "Oriya", PA "Punjabi", PL "Polish", PS "Pashto" "Pushto", PT "Portuguese", QU "Quechua", RM "Rhaeto-Romance", RN "Kirundi", RO "Romanian", RU "Russian", RW "Kinyarwanda", SA "Sanskrit", SD "Sindhi", SG "Sangro", SH "Serbo-Croatian", SI "Singhalese", SK "Slovak", SL "Slovenian", SM "Samoan", SN "Shona", SO "Somali", SQ "Albanian", SR "Serbian", SS "Siswati", ST "Sesotho", SU "Sudanese", SV "Swedish", SW "Swahili", TA "Tamil", TE "Tegulu", TG "Tajik", TH "Thai", TI "Tigrinya", TK "Turkmen", TL "Tagalog", TN "Setswana", TO "Tonga", TR "Turkish", TS "Tsonga", TT "Tatar", TW "Twi", UK "Ukrainian", UR "Urdu", UZ "Uzbek", VI "Vietnamese", WO "Wolof", XH "Xhosa", YO "Yoruba", ZH "Chinese", ZU "Zulu"

Name	Language

*Base XSD Type: string

Code Value	Description
en-US	
en-CA	
aa-ET	
ab-GE	
af-ZA	

Get Vehicle Specifications

Code Value	Description
am- ET	
ar-SA	
as-IN	
ay-BO	
az-AZ	
ba-RU	
be-BY	
bg-BG	
bh-IN	
bi-VU	
bn-BD	
bo-BT	
br-FR	
ca-ES	
co-FR	
cs-CZ	
cy-GB	
da-DE	
de-DE	
dz-BT	
el-GR	
es-ES	

Get Vehicle Specifications

Code Value	Description
et-EE	
eu-ES	
fa-AF	
fi-FI	
fj-FJ	
fo-FO	
fr-CA	
fr-FR	
fy-NL	
ga-IE	
gd-GB	
gl-ES	
gn-PY	
gu-IN	
ha-NG	
hi-IN	
hr-HR	
hu-HU	
hy-AM	
ik-GL	
in-ID	
is-IS	

Get Vehicle Specifications

Code Value	Description
it-IT	
iw-IL	
ja-JP	
ji-IL	
jw-ID	
ka-GE	
kk-KZ	
kl-GL	
km-KH	
kn-IN	
ko-KP	
ko-KR	
ks-IN	
ku-IQ	
ky-CN	
la-VA	
ln-CD	
lo-LA	
lt-LT	
lv-LV	
mg-MG	
mi-NZ	

Get Vehicle Specifications

Code Value	Description
mk-MK	
ml-IN	
mn-MN	
mo-MO	
mr-IN	
ms-MY	
mt-MH	
my-MM	
na-NR	
ne-NP	
nl-NL	
no-NO	
oc-FR	
om- ET	
or-IN	
pa-IN	
pl-PL	
ps-PK	
pt-PT	
qu-PE	
rm-CH	
rn-BI	

Get Vehicle Specifications

Code Value	Description
ro-RO	
ru-RU	
rw-RW	
sa-IN	
sd-PK	
sg-CF	
sh-HR	
si-LK	
sk-SK	
sl-SI	
sm-WS	
sn-ZW	
so-SO	
sq-AL	
sr-CS	
ss-ZA	
st-ZA	
su-SD	
sv-SE	
sw-TL	
ta-IN	
te-IN	

Code Value	Description
tg-TJ	
th-TH	
ti-ET	
tk-TM	
tl-PH	
tn-ZA	
to-TO	
tr-TR	
ts-ZA	
tt-RU	
tw-GH	
uk-UA	
ur-PK	
uz-UZ	
vi-VN	
wo-SN	
xh-ZA	
yo-NG	
zh-CN	
zu-ZA	

Make

Get Vehicle Specifications

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

Manufacturer

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

Manufacturer Name

Name	Manufacturer

Base XSD Type: string

ManufacturerInstalledInd

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

Indicates manufacturer-installed accessories

Name	ManufacturerInstalledInd

Base XSD Type: string

Code Value	Description
0	
1	

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

ModelDescription

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

Descriptive vehicle model name

Name	ModelDescription

*Base XSD Type: string

ModelOrderEndDate

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

Last Order Date when you can order this model

Name	ModelOrderEndDate

*Base XSD Type: date

ModelOrderStartDate

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

First Order Date when you can order this model

Name	ModelOrderStartDate

*Base XSD Type: date

ModelYear

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

Vehicle designated model year

Name	ModelYear

*Base XSD Type: gYear

Name

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

Name of the Party.

Name	Name

*Base XSD Type: string

Note

A free form note.

Name	Note

*Base XSD Type: string

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

OptionOrderEndDate

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

Option Order End Date

Name	OptionOrderEndDate

*Base XSD Type: date

OptionOrderStartDate

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

Option Order Start Date

Name	OptionOrderStartDate

*Base XSD Type: date

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

OptionStockNumber

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

Stock Number of Vehicle Option

Name	OptionStockNumber

*Base XSD Type: string

PoolModelInd

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

Indicates that this is a Model that is pre-ordered for Order Pools

Name	PoolModelInd

*Base XSD Type: string

Code Value	Description
0	
1	

PortInstalledInd

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

Indicates Port-installed accessories

Name	PortInstalledInd

*Base XSD Type: string

Code Value	Description
0	
1	

PostalCode

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

Postal Code of the Address.

Name	PostalCode

*Base XSD Type: string

PreferredContactMethodOrganization

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

PreferredLanguage

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

Preferred language

Get Vehicle Specifications

Name	PreferredLanguage

*Base XSD Type: string

Code Value	Description
en-US	
en-CA	
aa-ET	
ab-GE	
af-ZA	
am- ET	
ar-SA	
as-IN	
ay-BO	
az-AZ	
ba-RU	
be-BY	
bg-BG	
bh-IN	
bi-VU	
bn-BD	
bo-BT	
br-FR	
ca-ES	
co-FR	

Get Vehicle Specifications

Code Value	Description
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	
gn-PY	
gu-IN	
ha-NG	

Get Vehicle Specifications

Code Value	Description
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	
ks-IN	
ku-IQ	
ky-CN	

Get Vehicle Specifications

Code Value	Description
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	
oc-FR	
om- ET	
or-IN	

Get Vehicle Specifications

Code Value	Description
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	
so-SO	
sq-AL	
sr-CS	

Get Vehicle Specifications

Code Value	Description
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	
ur-PK	
uz-UZ	
vi-VN	

Code Value	Description
wo-SN	
xh-ZA	
yo-NG	
zh-CN	
zu-ZA	

PriceExplanation

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

Explanatory Note for Pricing

Name	PriceExplanation

*Base XSD Type: string

PricingTypeSource

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

Source from which pricing type data originated (i.e. Blue Book, NADA, etc.).

Name	PricingTypeSource

*Base XSD Type: string

Reference

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

Reference notation

Name	Reference

*
Base XSD Type: string

ReferenceNumber

Reference number

Name	ReferenceNumber

*
Base XSD Type: string

ReimbursementComment

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

Reimbursement dealer comments

Name	ReimbursementComment

*
Base XSD Type: string

ReimbursementPayee

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

Indicates who is paid

Name	ReimbursementPayee

*
Base XSD Type: string

RequiredOption

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

Code of why option is required

Name	RequiredOption

˟Base XSD Type: string

Code Value	Description
Regional	
Government	
Other	Other

RequiredOptionGroup

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

The group of required options to which an option belongs. EX: Option A1, Option A2, Option A3 of which you may chose only 1.

Name	**RequiredOptionGroup**

˟Base XSD Type: string

RequiredOptionGroupPriority

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

Identifies the priority of the required option within the required option category. For example, in an emission Required Option Group in California PZEV maybe priority 1 and Federal Emissions may be priority 2.

Name	**RequiredOptionGroupPriority**

˟Base XSD Type: string

SecondaryExteriorColor

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

Secondary Vehicle Exterior Color(s) Note: This is the highlight or secondary color for the exterior of the vehicle

Name	**SecondaryExteriorColor**

Base XSD Type: string

SecondaryExteriorColorCode

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

Secondary Vehicle exterior color code(s) Note: This is the highlight or secondary color code for the exterior of the vehicle

Name	SecondaryExteriorColorCode

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

ShortMfg

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

Short Manfacturer or RSP Codes

Name	ShortMfg

Base XSD Type: string

StandardOptionReplacement

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

Description of standard features replaced if you pick this option

Name	StandardOptionReplacement

*Base XSD Type: string

StandardOptions

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

Standard equipment options available on the vehicle (i.e., base model options included in the vehicle)

Name	StandardOptions

*Base XSD Type: string

StateOrProvince

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

Is the State or Province of a given Address.

Name	StateOrProvince

*Base XSD Type: string

SystemVersion

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

The sender's software version number .

Name	SystemVersion

*Base XSD Type: string

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

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

Code Value	Description
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).
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

Type

Type

Name	Type

*Base XSD Type: string

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

VDSCode

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

Vehicle Description Section- part of the VIN that correlates to a specific vehicle model, bodystyle, and grade

Name	VDSCode

*Base XSD Type: string

VehiclePricingType

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

Designates type of pricing for vehicle

Name	VehiclePricingType

*Base XSD Type: string

Code Value	Description
MSRP	

Get Vehicle Specifications

Code Value	Description
Hold Back	
Destination/Handling	
Group Fund Price	
Wholesale Price	
Wholesale Cost	
Actual Cash Value	
Employee	
Invoice	
Sale Price	
Final MSRP	
Base MSRP	
Employee Order Price	
Employee Stock Price	
Other	Other
Selling Price	
Cap Cost	
Total Option Price	
Total Option Cost	
Retail	
N/A	Not Applicable
MSRP Discount	
Gross Cap Cost	

Code Value	Description
Net Cap Cost	
Taxable Selling Price	
Loan	Amount lenders typically loan on the listed vehicle.
Trade-In	Amount allowed by dealers on a trade.
Adjusted Gross Cap Cost	Adjusted gross cap cost due to tax calculations.
Adjusted Net Cap Cost	Adjusted net cap cost due to tax calculations.
Total Option MSRP	Total of all itemized products of the Manufactured Suggested Retail Price.

WeightMeasure

Weight Measurements

Name	WeightMeasure

*Base XSD Type: string

Code Value	Description
Pounds	Pounds
Kilos	Kilos
Other	Other

Year

Year

Name	Year

*Base XSD Type: gYear

Fields and Global Attributes

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

ApplicationArea

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

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

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Name	ApplicationArea
Type	ApplicationArea
Nillable	no
Abstract	no

XML Instance Representation

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

Get

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

Get Vehicle Specifications

The Get verb is to communicate to a business software component a request for an existing piece of information to be returned. The Get may be paired with most of the nouns defined in the OAGIS specification.The response to this request is the Show verb. The behavior of a BOD with a Get verb is quite predictable across most of the nouns it may be paired with.The Get is designed to retrieve a single piece of information by using that information's primary retrieval field, or key field. The Get verb is not used to request several documents at once. The GetList verb is designed to achieve that purpose and will be covered in more detail later.Selection Criteria:There are two types of selection capabilities for most BOD's that use the Get verb.1) The first selection capability is called Field-Based Selection. Within a Get-based Business Object Document, the first Data Type that occurs in a specific BOD structure is commonly used to provide the Field-Based Selection criteria. This is always defined within the specific BOD and is commonly the required fields for that specific Data type.The Field-Based Selection enables the requester to provide a value or values (in the case of multiple required Field Identifiers), in the required fields. Then the responding component uses those values to find and return the requested information to the originating business software component.2) The second type of selection capability for Get-based BODs is called Data Type Selection. Data Type selection enables the requester to identify which Data Types within the noun are requested to be returned in the response. The use of this capability is described for each corresponding Data Type for all BODs that use the Get verb. The Data Types are identified for retrieval within the Get instance of a BOD by including the name of the Data Type in the meta data but without any Field Identifiers or Segments identified within the Data Type. This will signify to the responding application that all of the data that corresponds to that Data Type is to be included in the response.If the Data Type is not requested, the Data Type identifier is not included in the Get request and this will signify to the responding component that the Data Type is not to be returned.

Name	Get
Type	Get
Nillable	no
Abstract	no

XML Instance Representation

```
<Get
confirm="ConfirmType [0..1]"
show="Always [1]">
   <ReturnCriteria> ... </ReturnCriteria> [1]
</Get>
```

GetVehicleSpecifications

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

Name	GetVehicleSpecifications
Type	GetVehicleSpecifications

Get Vehicle Specifications

Nillable	no
Abstract	no

XML Instance Representation

```
<GetVehicleSpecifications
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> GetVehicleSpecificationsDataArea </DataArea> [1]
</GetVehicleSpecifications>
```

Header

Name	Header
Type	VehicleSpecificationsHeader
Nillable	no
Abstract	no

XML Instance Representation

```
<Header>
   <DocumentDateTime> DocumentDateTime </DocumentDateTime> [0..1]
   <SecondaryPassword> SecondaryPassword </SecondaryPassword> [0..1]
   <SecondaryDealerNumber> SecondaryDealerNumber </SecondaryDealerNumber> [0..1]
   <ManufacturerParty> ManufacturerPartyDistributor </ManufacturerParty> [0..1]
   <IncrementalInd> IncrementalInd </IncrementalInd> [0..1]
   <IncrementalDateTime> IncrementalDateTime </IncrementalDateTime> [0..1]
</Header>
```

VehicleSpecifications

Get Vehicle Specifications

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

Name	VehicleSpecifications
Type	VehicleSpecifications
Nillable	no
Abstract	no

XML Instance Representation

```
<VehicleSpecifications>
   <Header> ... </Header> [1]
</VehicleSpecifications>
```

Verb

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

Name	Verb
Type	Verb
Nillable	no
Abstract	yes

XML Instance Representation

```
<Verb/>
```

Get Vehicle Specifications