



Standards for Technology in Automotive Retail

**Implementation Guidelines
Get Vehicle Remarketing DRAFT
Repository Version Rev4.4.4**

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Get Vehicle Remarketing

Get Vehicle Remarketing Guidelines

Overview

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

Implementation Guidelines provide detailed information regarding the structure and meaning of the Get Vehicle Remarketing BOD and corresponds directly to the Get Vehicle Remarketing 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 Remarketing Implementation Guidelines must be used in concert with the Get Vehicle Remarketing 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 Remarketing 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 Remarketing BOD. Where possible, STAR has mapped to existing OAGI fields and components. Note however that the STAR Get Vehicle Remarketing 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 Remarketing 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.

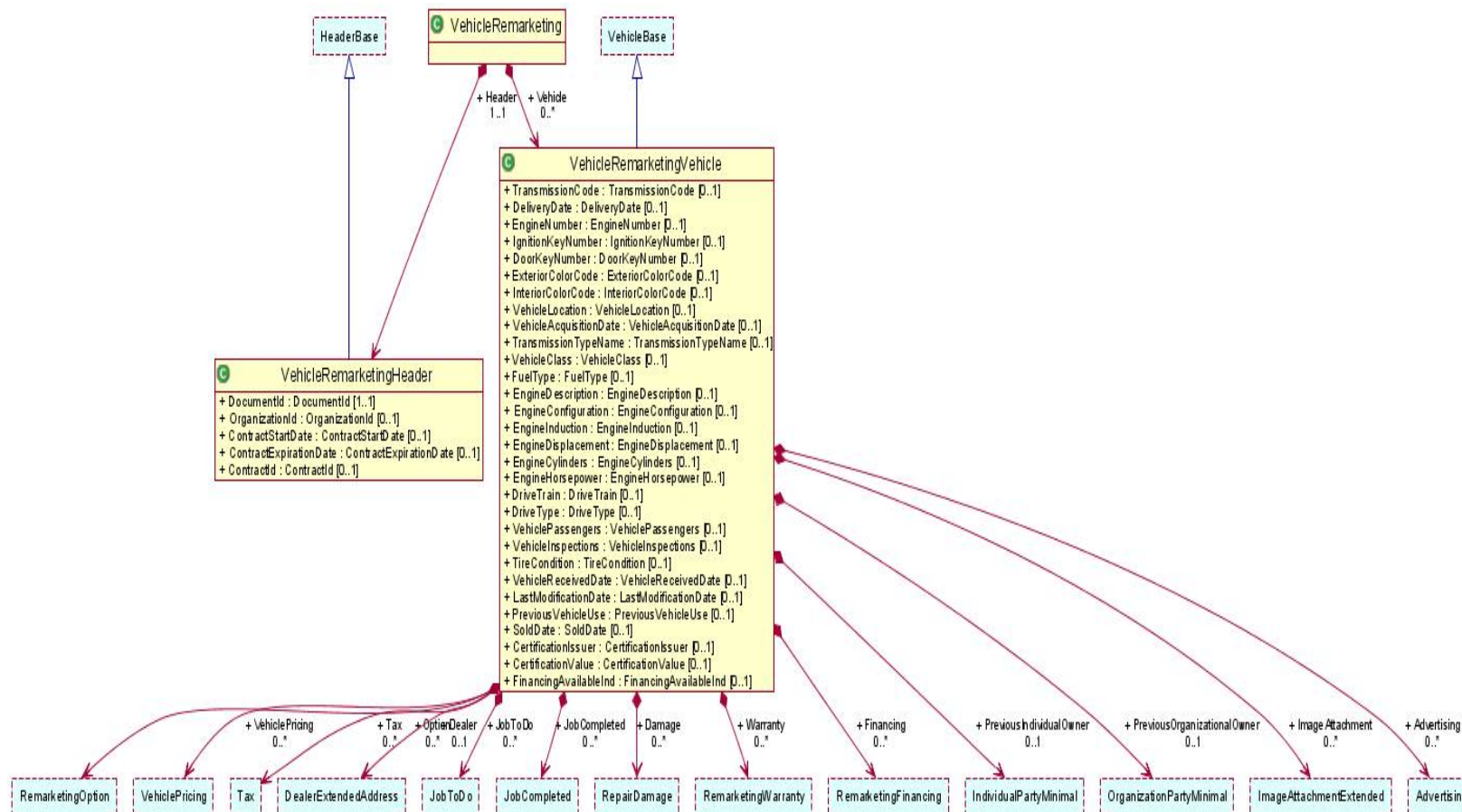
Business Scenario

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

Get Vehicle Remarketing

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]
</...>
```

Get Vehicle Remarketing

Advertising

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

Name	Advertising
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
AdvertisingCopy	Information that goes in the ad	O	
AdvertisingMedia	Media where ad is placed. Ex: Internet, newspaper, etc.	O	
CopyType	Type of copy used for ad. Ex: Teaser text, short description, long description	O	
Language	Language for the ad copy	O	

XML Instance Representation

```
<...>  
  <AdvertisingCopy> AdvertisingCopy </AdvertisingCopy> [0..1]  
  <AdvertisingMedia> AdvertisingMedia </AdvertisingMedia> [0..1]  
  <CopyType> CopyType </CopyType> [0..1]  
  <Language> Language </Language> [0..1]  
</...>
```

Amount

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

Name	Amount
Abstract	no

Attributes

Get Vehicle Remarketing

Field / Component	Description	R/O	Business Rule
currency		R	

XML Instance Representation

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

AnnualMilesAllowed

These field(s) use this type: AnnualMilesAllowed.

The number allowed annually for a balloon contract.

Name	AnnualMilesAllowed
Abstract	no

XML Instance Representation

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

AnnualPercentageRate

These field(s) use this type: AnnualPercentageRate.

Annual percentage rate.

Name	AnnualPercentageRate
Abstract	no

XML Instance Representation

Get Vehicle Remarketing

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

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	Date/Time fields must be formatted as XML Schema Datetimes in UTC/GMT format without offsets. Example: 2003-11-05T13:15:30Z
Signature	If the BOD is to be signed the signature element is included, otherwise it is not. Signature supports any digital signature that maybe used by an implementation of OAGIS. The qualifyingAgency identifies the agency that provided the format for the signature. This element supports any digital signature specification that is available today and in the future. This is accomplished by not actually defining the content but by allowing the implementation to specify the digital signature to be used via an external XML Schema namespace declaration. The Signature element is defined to have any content from any other namespace. This allows the user to carry a digital signature in the xml instance of a BOD. The choice of which digital signature to use is left up to the user and their integration needs.	O	Optional. "qualifyingAgency" attribute.

Get Vehicle Remarketing

Field / Component	Description	R/O	Business Rule
BODId	The BODId provides a place to carry a Globally Unique Identifier (GUID) that will make each Business Object Document instance uniquely identifiable. This is a critical success factor to enable software developers to use the Globally Unique Identifier (GUID) to build the following services or capabilities: 1. Legally binding transactions, 2. Transaction logging, 3. Exception handling, 4. Re-sending, 5. Reporting, 6. Confirmations, 7. Security.	O	
Destination	Information related to the receiver of the BOD	R	See Destination Component.

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]
</...>
```

ApprovedAmount

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

Amount pre-approved

Name	ApprovedAmount
Abstract	no

XML Instance Representation

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

Get Vehicle Remarketing

BalanceAmount

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

Remaining balance on Current Vehicle

Name	BalanceAmount
Abstract	no

XML Instance Representation

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

BrandedInfo

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

Name	BrandedInfo
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
BrandedTitleInd	This tag indicates if a vehicle's title has been branded. (i.e., vehicle totaled and state registration title branded as such)	O	
BrandedTitleDate	Branding Date	O	
BrandingStateCode	Branding State Code	O	
BrandingStateReference	Branding State Reference Number	O	
BrandingSource	Branding source Ã#Â¢Ã#Â# (i.e., source who says that the vehicle is branded)	O	

Get Vehicle Remarketing

XML Instance Representation

```
<...>
  <BrandedTitleInd> BrandedTitleInd </BrandedTitleInd> [0..1]
  <BrandedTitleDate> BrandedTitleDate </BrandedTitleDate> [0..1]
  <BrandingStateCode> BrandingStateCode </BrandingStateCode> [0..1]
  <BrandingStateReference> BrandingStateReference </BrandingStateReference> [0..1]
  <BrandingSource> BrandingSource </BrandingSource> [0..1]
</...>
```

BrandingStateCode

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

Branding State Code

Name	BrandingStateCode
Abstract	no

XML Instance Representation

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

BusinessObjectDocument

Name	BusinessObjectDocument
Abstract	no

Attributes

Get Vehicle Remarketing

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

Get Vehicle Remarketing

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

CodeType

Unique code name

Name	CodeType
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
listID		O	
listName		O	
listAgencyID		O	
listAgencyName		O	
listVersionID		O	
listURI		O	

XML Instance Representation

```
<...  
listID="xsd:token [0..1]"  
listName="xsd:string [0..1]"  
listAgencyID="xsd:token [0..1]"  
listAgencyName="xsd:string [0..1]"
```

Get Vehicle Remarketing

```
listVersionID="xsd:token [0..1]"
listURI="xsd:anyURI [0..1]">
  xsd:string
</...>
```

ConfirmableVerb

Name	ConfirmableVerb
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
confirm		R	

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Verb		R	

XML Instance Representation

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

ContractId

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

Identification of Contract

Name	ContractId
Abstract	no

Get Vehicle Remarketing

XML Instance Representation

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

Count

Simple quantity type with no attributes

Name	Count
Abstract	no

XML Instance Representation

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

DealerExtendedAddress

These field(s) use this type: Dealer.

Name	DealerExtendedAddress
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
DealerName	Dealer name	O	
DistrictCode	Manufacturer Assigned District Code	O	
URI	Dealer URI	O	
ZoneCode	Manufacturer Assigned Zone Code	O	

Get Vehicle Remarketing

Field / Component	Description	R/O	Business Rule
Address	Dealer party address	O	

XML Instance Representation

```
<...>
  <PartyId> PartyId </PartyId> [0..1]
  <DealerName> DealerName </DealerName> [0..1]
  <DistrictCode> DistrictCode </DistrictCode> [0..1]
  <URI> URI </URI> [0..1]
  <ZoneCode> ZoneCode </ZoneCode> [0..1]
  <Address> OrganizationAddress </Address> [0..1]
</...>
```

DealerPartyBase

Name	DealerPartyBase
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
DealerName	Dealer name	O	
DistrictCode	Manufacturer Assigned District Code	O	
URI	Dealer URI	O	
ZoneCode	Manufacturer Assigned Zone Code	O	

XML Instance Representation

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

Get Vehicle Remarketing

```
<DistrictCode> DistrictCode </DistrictCode> [0..1]
<URI> URI </URI> [0..1]
<ZoneCode> ZoneCode </ZoneCode> [0..1]
</...>
```

DeliveryMileage

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

Odometer reading of vehicle at time of delivery

Name	DeliveryMileage
Abstract	no

XML Instance Representation

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

Description

These field(s) use this type: **Description,Description,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

Get Vehicle Remarketing

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

Destination

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

Name	Destination
Abstract	no

Data Elements and Components

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

Get Vehicle Remarketing

Field / Component	Description	R/O	Business Rule
LocationId	The Location Id field uniquely identifies the location of the Receiver of a O message. This Id may be aligned with a physical address or data centers. This field provides an additional level of granularity beyond the usage of the Party Id for additional routing and deliver of data.		
ServiceId	The Service Id field identifies the particular service to which a message is being sent, e.g., an inventory service.	O	

XML Instance Representation

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

DocumentId

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

Is the identifier for the document.

Name	DocumentId
Abstract	no

XML Instance Representation

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

Get Vehicle Remarketing

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

DoorsQuantity

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

Number of doors on vehicle

Name	DoorsQuantity
Abstract	no

XML Instance Representation

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

DownPaymentAmount

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

Down Payment amount or amount of cap cost reduction.

Name	DownPaymentAmount
Abstract	no

XML Instance Representation

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

EmbeddedData

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

embedded data within a BOD

Get Vehicle Remarketing

Name	EmbeddedData
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
encoding		R	

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Data	Container to carry the embedded data	R	

XML Instance Representation

```
<...  
encoding="EncodingBase [0..1]">  
  <Data> Data </Data> [1]  
</...>
```

EngineCylinders

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

Engine cylinder count

Name	EngineCylinders
Abstract	no

XML Instance Representation

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

Get Vehicle Remarketing

EngineDescription

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

Text description of engine (e.g. dohc, 32 valves)

Name	EngineDescription
Abstract	no

XML Instance Representation

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

ExcessMileageRate

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

The rate charged per mile over the annual miles allowed.

Name	ExcessMileageRate
Abstract	no

XML Instance Representation

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

ExpressionCriteria

Name	ExpressionCriteria
Abstract	no

Get Vehicle Remarketing

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 R returned.		

XML Instance Representation

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

FinalAmount

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

Last month payment amount

Name	FinalAmount
Abstract	no

XML Instance Representation

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

FinanceCharge

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

Get Vehicle Remarketing

The total interest paid on the contract.

Name	FinanceCharge
Abstract	no

XML Instance Representation

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

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	

Get Vehicle Remarketing

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

GetVehicleRemarketing

These field(s) use this type: GetVehicleRemarketing.

Name	GetVehicleRemarketing
Abstract	no

Data Elements and Components

Get Vehicle Remarketing

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> GetVehicleRemarketingDataArea </DataArea> [1]  
</...>
```

GetVehicleRemarketingDataArea

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

Name	GetVehicleRemarketingDataArea
Abstract	no

Data Elements and Components

Get Vehicle Remarketing

Field / Component	Description	R/O	Business Rule
Get	<p>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.</p> <p>Selection Criteria: There are two types of selection capabilities for most BOD's that use the Get verb.</p> <p>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.</p> <p>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.</p>	R	
VehicleRemarketing		R	

XML Instance Representation

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

Get Vehicle Remarketing

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

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	Date/Time fields must be formatted as XML Schema DateTimes in UTC/GMT format without offsets. Example: 2003-11-05T13:15:30Z
SecondaryPassword	Secondary password used to validate access to the dealer information	O	
SecondaryDealerNumber	Identifies secondary dealer number if different than primary "Dealer Number"	O	

XML Instance Representation

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

Id

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

Party Identification number

Name	Id
-------------	----

Get Vehicle Remarketing

Abstract no

XML Instance Representation

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

ImageAttachment

represents information about the location of on-line vehicle photos.

Name ImageAttachment

Abstract no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
URI	URI	O	
ImageWidth	Image tag width. Example: "100"	O	
ImageHeight	Image tag height Example: "120"	O	
ImageAlternateText	Image alternate text. Example: "1997 Honda Accord"	O	

XML Instance Representation

```
<...>  
  <URI> URI </URI> [0..1]  
  <ImageWidth> ImageWidth </ImageWidth> [0..1]  
  <ImageHeight> ImageHeight </ImageHeight> [0..1]  
  <ImageAlternateText> ImageAlternateText </ImageAlternateText> [0..*]  
</...>
```

ImageAttachmentExtended

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

Get Vehicle Remarketing

Name	ImageAttachmentExtended
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
URI	URI	O	
ImageWidth	Image tag width. Example: "100"	O	
ImageHeight	Image tag height Example: "120"	O	
ImageAlternateText	Image alternate text. Example: "1997 Honda Accord"	O	
ImageAttachmentTitle	Image attachment title	O	
EmbeddedData	Holder for embedded data. (Will have an attribute for type of embedded document)	O	

XML Instance Representation

```
<...>
  <URI> URI </URI> [0..1]
  <ImageWidth> ImageWidth </ImageWidth> [0..1]
  <ImageHeight> ImageHeight </ImageHeight> [0..1]
  <ImageAlternateText> ImageAlternateText </ImageAlternateText> [0..*]
  <ImageAttachmentTitle> ImageAttachmentTitle </ImageAttachmentTitle> [0..1]
  <EmbeddedData> EmbeddedData </EmbeddedData> [0..*]
</...>
```

ImageHeight

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

Image tag height Example: "120"

Name	ImageHeight
Abstract	no

Get Vehicle Remarketing

XML Instance Representation

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

ImageWidth

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

Image tag width. Example: "100"

Name	ImageWidth
Abstract	no

XML Instance Representation

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

IndividualPartyMinimal

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

Name	IndividualPartyMinimal
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
PersonName	Individual party name	O	

XML Instance Representation

Get Vehicle Remarketing

```
<...>
  <PartyId> PartyId </PartyId> [0..1]
  <PersonName> IndividualPartyPersonName2 </PersonName> [0..1]
</...>
```

IndividualPartyPersonName2

These field(s) use this type: PersonName.

Name	IndividualPartyPersonName2
Abstract	no

Data Elements and Components

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

XML Instance Representation

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

Get Vehicle Remarketing

JobCompleted

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

Name	JobCompleted
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
RepairOrderNumber	Identification number of repair order assigned by dealer or DMS	O	
Description	Description of work completed on vehicle	O	
TotalAmount	Total amount for operation	O	

XML Instance Representation

```
<...>  
  <RepairOrderNumber> RepairOrderNumber </RepairOrderNumber> [0..1]  
  <Description> Description </Description> [0..1]  
  <TotalAmount> TotalAmount </TotalAmount> [0..1]  
</...>
```

JobToDo

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

Name	JobToDo
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Description	Description of work to be completed on vehicle	O	
TotalAmount	Total amount for operation	O	

Get Vehicle Remarketing

XML Instance Representation

```
<...>
  <Description> Description </Description> [0..1]
  <TotalAmount> TotalAmount </TotalAmount> [0..1]
</...>
```

LocationId

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

Code identifying a physical location

Name	LocationId
Abstract	no

XML Instance Representation

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

Mileage

Mileage definition

Name	Mileage
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
uom		O	

XML Instance Representation

```
<...>
```

Get Vehicle Remarketing

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

NewFinancing

Name	NewFinancing
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
FinanceType	Type of financing Examples may be F- Finance, L - Lease, C-Cash, 1-Retail, 2-Lease, 3-Balloon, etc..	O	
PaymentAmount	Monthly Payment Amount	O	
BalanceAmount	Remaining balance on Current Vehicle	O	
FinalAmount	Last month payment amount	O	
ResidualAmount	Remaining residual on current vehicle	O	
Term	Number of months of contract term	O	
MaturityDate	Month and year of contract maturity	O	
FinanceCompanyName	Name of Finance Company	O	
DownPaymentAmount	Down Payment amount or amount of cap cost reduction.	O	
PurchasePrice	Purchase Price or Gross Cap cost specified in deal. Total payments at endO of purchase		
ApprovedInd	Approved Indicator	O	
ApprovedAmount	Amount pre-approved	O	
ExpirationDate	Date pre-approval expires	O	
RatingIndex	Rating Index Used for Credit Approval	O	

XML Instance Representation

```
<...>
  <FinanceType> FinanceType </FinanceType> [0..1]
  <PaymentAmount> PaymentAmount </PaymentAmount> [0..1]
  <BalanceAmount> BalanceAmount </BalanceAmount> [0..1]
  <FinalAmount> FinalAmount </FinalAmount> [0..1]
  <ResidualAmount> ResidualAmount </ResidualAmount> [0..1]
  <Term> Term </Term> [0..1]
  <MaturityDate> MaturityDate </MaturityDate> [0..1]
  <FinanceCompanyName> FinanceCompanyName </FinanceCompanyName> [0..1]
  <DownPaymentAmount> DownPaymentAmount </DownPaymentAmount> [0..1]
  <PurchasePrice> PurchasePrice </PurchasePrice> [0..1]
  <ApprovedInd> ApprovedInd </ApprovedInd> [0..1]
  <ApprovedAmount> ApprovedAmount </ApprovedAmount> [0..1]
  <ExpirationDate> ExpirationDate </ExpirationDate> [0..1]
  <RatingIndex> RatingIndex </RatingIndex> [0..1]
</...>
```

NonTaxableAmount

These field(s) use this type: NonTaxableAmount.

Total non-taxable price.

Name	NonTaxableAmount
Abstract	no

XML Instance Representation

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

OptionBase

Name	OptionBase
------	------------

Get Vehicle Remarketing

Abstract no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
OptionType	An option type for a vehicle or other component. Usually references an OEM supplied list of codes.	O	
OptionName	Name of vehicle option	O	
OptionStockNumber	Stock Number of Vehicle Option	O	
Manufacturer	Manufacturer of Vehicle Option	O	

XML Instance Representation

```
<...>  
  <OptionType> OptionType </OptionType> [0..1]  
  <OptionName> OptionName </OptionName> [0..1]  
  <OptionStockNumber> OptionStockNumber </OptionStockNumber> [0..1]  
  <Manufacturer> Manufacturer </Manufacturer> [0..1]  
</...>
```

OptionType

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

Option Type from an OEM or other sources list of codes.

Name OptionType

Abstract no

XML Instance Representation

```
<...  
listID="xsd:token [0..1]"  
listName="xsd:string [0..1]"  
listAgencyID="xsd:token [0..1]"
```

Get Vehicle Remarketing

```
listAgencyName="xsd:string [0..1]"
listVersionID="xsd:token [0..1]"
listURI="xsd:anyURI [0..1]">
  CodeType
</...>
```

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]
```


Get Vehicle Remarketing

```
<Country> Country </Country> [1]
<PostalCode> PostalCode </PostalCode> [1]
<UrbanizationCode> UrbanizationCode </UrbanizationCode> [0..1]
</...>
```

OrganizationId

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

Member Identification number of affiliate organization

Name	OrganizationId
Abstract	no

XML Instance Representation

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

OrganizationPartyMinimal

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

Name	OrganizationPartyMinimal
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
Name	Company name of organizational party	O	

XML Instance Representation

```
<...>
```

Get Vehicle Remarketing

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

PartyBase

Derived from oa:Party

Name	PartyBase
Abstract	no

Data Elements and Components

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

XML Instance Representation

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

PartyId

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

Party Identification Number

Name	PartyId
Abstract	no

XML Instance Representation

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

Get Vehicle Remarketing

PaymentAmount

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

Monthly Payment Amount

Name	PaymentAmount
Abstract	no

XML Instance Representation

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

Percent

Percent

Name	Percent
Abstract	no

XML Instance Representation

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

PurchasePrice

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

Purchase Price or Gross Cap cost specified in deal. Total payments at end of purchase

Name	PurchasePrice
Abstract	no

Get Vehicle Remarketing

XML Instance Representation

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

Rating

Standing or position on a scale, e.g. credit score.

Name	Rating
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
score		O	

XML Instance Representation

```
<...  
score="Decimal [0..1]">  
  xsd:string  
</...>
```

RatingIndex

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

Rating Index Used for Credit Approval

Name	RatingIndex
Abstract	no

XML Instance Representation

Get Vehicle Remarketing

```
<...  
score="Decimal [0..1]">  
  Rating  
</...>
```

RemarketingFinancing

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

Name	RemarketingFinancing
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
FinanceType	Type of financing Examples may be F- Finance, L - Lease, C-Cash, 1-Retail, 2-Lease, 3-Balloon, etc..	O	
PaymentAmount	Monthly Payment Amount	O	
BalanceAmount	Remaining balance on Current Vehicle	O	
FinalAmount	Last month payment amount	O	
ResidualAmount	Remaining residual on current vehicle	O	
Term	Number of months of contract term	O	
MaturityDate	Month and year of contract maturity	O	
FinanceCompanyName	Name of Finance Company	O	
DownPaymentAmount	Down Payment amount or amount of cap cost reduction.	O	
PurchasePrice	Purchase Price or Gross Cap cost specified in deal. Total payments at endO of purchase		
ApprovedInd	Approved Indicator	O	
ApprovedAmount	Amount pre-approved	O	

Get Vehicle Remarketing

Field / Component	Description	R/O	Business Rule
ExpirationDate	Date pre-approval expires	O	
RatingIndex	Rating Index Used for Credit Approval	O	
MiscellaneousNotes	Free form miscellaneous comments.	O	
AnnualPercentageRate	Annual percentage rate.	O	
FleetAccount	Lessor Fleet Account number indicating that this is a Fleet Transaction	O	
PromotionalRateInd	Promotional lease rate was used	O	
Tax	Tax related to Financing	O	
AnnualMilesAllowed	Lease mileage limit per year	O	
ExcessMileageRate	The rate charged per mile over the annual miles allowed	O	
FinanceCharge	The total interest paid on the contract	O	

XML Instance Representation

```
<...>
  <FinanceType> FinanceType </FinanceType> [0..1]
  <PaymentAmount> PaymentAmount </PaymentAmount> [0..1]
  <BalanceAmount> BalanceAmount </BalanceAmount> [0..1]
  <FinalAmount> FinalAmount </FinalAmount> [0..1]
  <ResidualAmount> ResidualAmount </ResidualAmount> [0..1]
  <Term> Term </Term> [0..1]
  <MaturityDate> MaturityDate </MaturityDate> [0..1]
  <FinanceCompanyName> FinanceCompanyName </FinanceCompanyName> [0..1]
  <DownPaymentAmount> DownPaymentAmount </DownPaymentAmount> [0..1]
  <PurchasePrice> PurchasePrice </PurchasePrice> [0..1]
  <ApprovedInd> ApprovedInd </ApprovedInd> [0..1]
  <ApprovedAmount> ApprovedAmount </ApprovedAmount> [0..1]
  <ExpirationDate> ExpirationDate </ExpirationDate> [0..1]
  <RatingIndex> RatingIndex </RatingIndex> [0..1]
  <MiscellaneousNotes> MiscellaneousNotes </MiscellaneousNotes> [0..1]
  <AnnualPercentageRate> AnnualPercentageRate </AnnualPercentageRate> [0..1]
```

Get Vehicle Remarketing

```
<FleetAccount> FleetAccount </FleetAccount> [0..1]
<PromotionalRateInd> PromotionalRateInd </PromotionalRateInd> [0..1]
<Tax> Tax </Tax> [0..*]
<AnnualMilesAllowed> AnnualMilesAllowed </AnnualMilesAllowed> [0..1]
<ExcessMileageRate> ExcessMileageRate </ExcessMileageRate> [0..1]
<FinanceCharge> FinanceCharge </FinanceCharge> [0..1]
</...>
```

RemarketingOption

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

Name	RemarketingOption
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
OptionType	An option type for a vehicle or other component. Usually references an OEM supplied list of codes.	O	
OptionName	Name of vehicle option	O	
OptionStockNumber	Stock Number of Vehicle Option	O	
Manufacturer	Manufacturer of Vehicle Option	O	
OptionOrigin	Identifies the option installer	O	
OptionSerialNumber	Serial number of Option	O	
OptionNotes	Free form text related to option	O	

XML Instance Representation

```
<...>
  <OptionType> OptionType </OptionType> [0..1]
  <OptionName> OptionName </OptionName> [0..1]
```

Get Vehicle Remarketing

```
<OptionStockNumber> OptionStockNumber </OptionStockNumber> [0..1]
<Manufacturer> Manufacturer </Manufacturer> [0..1]
<OptionOrigin> OptionOrigin </OptionOrigin> [0..1]
<OptionSerialNumber> OptionSerialNumber </OptionSerialNumber> [0..1]
<OptionNotes> OptionNotes </OptionNotes> [0..1]
</...>
```

RemarketingWarranty

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

Name	RemarketingWarranty
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
WarrantyTypeCode	Type of warranty (Ex: OEM new, OEM used or third party)	O	
WarrantyTypeDescription	Description of type of warranty Example: Basic /Powertrain, etc	O	
WarrantyStartMileage	Mileage at start date of vehicle warranty	O	
WarrantyEndMileage	Mileage limit for vehicle warranty coverage for warranty currently in force at time of repair	O	
WarrantyStartDate	Start date of vehicle warranty	O	
WarrantyExpirationDate	Last date of vehicle warranty coverage for warranty currently in force at time of repair	O	
RoadsideAssistanceInd	Indicates whether coverage includes roadside assistance	O	
WarrantyTransferInd	Flag indicating if warranty is transferable	O	
WarrantyNotes	Any Warranty related Notes	O	
WarrantyClass	A classification of warranty specifications that the warranty must address O such as 'tires, power train, rust 'or 'power train only' and can be based on the age or mileage	O	

Get Vehicle Remarketing

XML Instance Representation

```
<...>
  <WarrantyTypeCode> WarrantyTypeCode </WarrantyTypeCode> [0..1]
  <WarrantyTypeDescription> WarrantyTypeDescription </WarrantyTypeDescription> [0..1]
  <WarrantyStartMileage> WarrantyStartMileage </WarrantyStartMileage> [0..1]
  <WarrantyEndMileage> WarrantyEndMileage </WarrantyEndMileage> [0..1]
  <WarrantyStartDate> WarrantyStartDate </WarrantyStartDate> [0..1]
  <WarrantyExpirationDate> WarrantyExpirationDate </WarrantyExpirationDate> [0..1]
  <RoadsideAssistanceInd> RoadsideAssistanceInd </RoadsideAssistanceInd> [0..1]
  <WarrantyTransferInd> WarrantyTransferInd </WarrantyTransferInd> [0..1]
  <WarrantyNotes> WarrantyNotes </WarrantyNotes> [0..1]
  <WarrantyClass> WarrantyClass </WarrantyClass> [0..1]
</...>
```

RepairDamage

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

Name	RepairDamage
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Description	Description of damage on vehicle	O	
TotalAmount	Total amount to repair damage	O	

XML Instance Representation

```
<...>
  <Description> Description </Description> [0..1]
  <TotalAmount> TotalAmount </TotalAmount> [0..1]
</...>
```

RequestVerb

Get Vehicle Remarketing

Name	RequestVerb
Abstract	no

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]">  
  <ReturnCriteria> ... </ReturnCriteria> [1]  
</...>
```

ResidualAmount

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

Remaining residual on current vehicle

Get Vehicle Remarketing

Name	ResidualAmount
Abstract	no

XML Instance Representation

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

RestrictionDescription

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

Description of vehicle use restrictions

Name	RestrictionDescription
Abstract	no

XML Instance Representation

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

SecondaryDealerNumber

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

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

Name	SecondaryDealerNumber
Abstract	no

XML Instance Representation

Get Vehicle Remarketing

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

Sender

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

Name	Sender
Abstract	no

Data Elements and Components

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

Get Vehicle Remarketing

Field / Component	Description	R/O	Business Rule
ReferenceId	Enables the sending application to indicate the instance identifier of the event or task that caused the BOD to be created. This is used to correlate a response BOD to an originating BOD	O	
AuthorizationId	Identifies the authorization level of the user or application that is sending the Business Object Document Message. This authorization level being recognized by the receiving system indicates what can be done on the receiving system. For STAR, this is the User ID.	O	
CreatorNameCode	DCS Software Creator Code	R	
SenderNameCode	Additional information about the sending platform (i.e., Short MFG or DSP code).	R	Must use a valid code from the ShortMfg/RSP list on http://www.starstandards.org
SenderURI	Physical address of the sender	O	
DealerNumber	Dealer Code of source of information	O	Dealer Number is Required if originating from DMS.
StoreNumber	Dealer code store number (DMS assigned)	O	
AreaNumber	Dealer code area number (DMS vendor assigned)	O	
DealerCountry	Source Dealer country location	O	Reference Country enumerator.
Language	This code is used to define the language of the data used in this transaction	O	Reference Language enumerator.
DeliverPendingMailInd	Indicates if the user requests to receive pending mail that has been stored and has yet not been delivered yet. By selecting 0, the user will only receive the response for the current transaction the user is performing.	O	1 - Receive Pending Mail. 0 - Do not receive pending mail.
Password	Token for application specific authentication. Used to authenticate dealership/users through application specific security	O	
SystemVersion	The sender's software version number.	O	

Get Vehicle Remarketing

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]

```

Get Vehicle Remarketing

</...>

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		
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	

Get Vehicle Remarketing

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

XML Instance Representation

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

Signature

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

Name	Signature
-------------	------------------

Get Vehicle Remarketing

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]  
</...>
```

Tax

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

Name Tax

Abstract no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
TaxType	Identifies the type tax.	R	
TaxDescription	Free form text description of tax amount.	O	
TaxAmount	Actual amount of tax paid.	O	
UnitSalesTaxAmount	Unit amount of sales tax.	O	
TaxRate	Tax Percentage Rate	O	

Get Vehicle Remarketing

Field / Component	Description	R/O	Business Rule
TotalTaxableAmount	Total taxable price	O	
NonTaxableAmount	Total non-taxble price	O	
TaxTypeId	Tax type identification	O	
TaxabilityInd	Determines whether the dealer wants to claim tax on the cost.	O	

XML Instance Representation

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

TaxAmount

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

Actual amount of tax paid.

Name	TaxAmount
Abstract	no

XML Instance Representation

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

Get Vehicle Remarketing

TaxDescription

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

Free form text description of tax amount.

Name	TaxDescription
Abstract	no

XML Instance Representation

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

TaxRate

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

Tax Percentage rate.

Name	TaxRate
Abstract	no

XML Instance Representation

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

Term

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

Number of months of contract term

Name	Term
-------------	-------------

Get Vehicle Remarketing

Abstract no

Attributes

Field / Component	Description	R/O	Business Rule
length		R	

XML Instance Representation

```
<...  
length="TermLength [0..1]">  
  Count  
</...>
```

TotalAmount

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

Total price (cost + markup)

Name TotalAmount

Abstract no

XML Instance Representation

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

TotalTaxableAmount

These field(s) use this type: TotalTaxableAmount.

Total taxable price.

Name TotalTaxableAmount

Get Vehicle Remarketing

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

XML Instance Representation

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

UnitSalesTaxAmount

These field(s) use this type: UnitSalesTaxAmount.

Unit amount of sales tax.

Name	UnitSalesTaxAmount
Abstract	no

XML Instance Representation

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

Vehicle

Name	Vehicle
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Model	Manufacturer-assigned model code of vehicle - Usually available in the VIN number (use NCIC code)	O	
ModelYear	Vehicle designated model year	O	

Get Vehicle Remarketing

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

VehicleBase

Name	VehicleBase
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	
SaleClass	Class of Sale	O	
Condition	Condition of Vehicle - Example: Excellent, Good, Fair, Poor, Unknown	O	
CertifiedPreownedInd	Identifies as a certified Pre-Owned Vehicle	O	

Get Vehicle Remarketing

Field / Component	Description	R/O	Business Rule
VehicleNote	Any vehicle related notes	O	
VIN	Federally defined 17 position vehicle identification number	O	
DeliveryMileage	Odometer reading of vehicle at time of delivery	O	
VehicleStock	Dealer assigned vehicle stock number	O	
TrimCode	Manufacturer assigned trim code	O	
DoorsQuantity	Number of doors on vehicle	O	
BodyStyle	Manufacturer-assigned vehicle body style	O	
InteriorColor	Vehicle Interior Color(s)	O	
ExteriorColor	Vehicle Exterior Color(s)	O	
TransmissionType	Vehicle Transmission type	O	
OdometerStatus	Status of odometer at trade-in. Example:: Replaced, Tampered, Miles> 90,000, etc.	O	
NonUSVehicleInd	Indicates whether the vehicle was produced for the United States or not	O	
VehicleDemoInd	Indicates whether vehicle was ever a demo	O	
LicenseNumber	State License plate number of vehicle	O	
BrandedInfo	Vehicle Branding Information	O	
RestrictionInd	Indication that vehicle has restrictions on its use	O	
RestrictionDescription	Description of vehicle use restrictions	O	
TelematicsServiceInd	Indication whether Telematics Service Subscription is turned on	O	

XML Instance Representation

```

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

```

Get Vehicle Remarketing

```
<Make> Make </Make> [0..1]
<SaleClass> SaleClass </SaleClass> [0..1]
<Condition> Condition </Condition> [0..1]
<CertifiedPreownedInd> CertifiedPreownedInd </CertifiedPreownedInd> [0..1]
<VehicleNote> VehicleNote </VehicleNote> [0..*]
<VIN> VIN </VIN> [0..1]
<DeliveryMileage> DeliveryMileage </DeliveryMileage> [0..1]
<VehicleStock> VehicleStock </VehicleStock> [0..1]
<TrimCode> TrimCode </TrimCode> [0..1]
<DoorsQuantity> DoorsQuantity </DoorsQuantity> [0..1]
<BodyStyle> BodyStyle </BodyStyle> [0..1]
<InteriorColor> InteriorColor </InteriorColor> [0..*]
<ExteriorColor> ExteriorColor </ExteriorColor> [0..*]
<TransmissionType> TransmissionType </TransmissionType> [0..1]
<OdometerStatus> OdometerStatus </OdometerStatus> [0..1]
<NonUSVehicleInd> NonUSVehicleInd </NonUSVehicleInd> [0..1]
<VehicleDemoInd> VehicleDemoInd </VehicleDemoInd> [0..1]
<LicenseNumber> LicenseNumber </LicenseNumber> [0..1]
<BrandedInfo> BrandedInfo </BrandedInfo> [0..1]
<RestrictionInd> RestrictionInd </RestrictionInd> [0..1]
<RestrictionDescription> RestrictionDescription </RestrictionDescription> [0..1]
<TelematicsServiceInd> TelematicsServiceInd </TelematicsServiceInd> [0..1]
</...>
```

VehiclePassengers

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

Passenger/seat capacity count of vehicle

Name	VehiclePassengers
Abstract	no

XML Instance Representation

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


Get Vehicle Remarketing

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

VehiclePrice

These field(s) use this type: 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	

Get Vehicle Remarketing

XML Instance Representation

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

VehicleRemarketing

These field(s) use this type: VehicleRemarketing.

STAR Version 2.0 - Draft

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

Name	VehicleRemarketing
Abstract	no

Data Elements and Components

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

XML Instance Representation

```
<...>
  <Header> ... </Header> [1]
  <Vehicle> ... </Vehicle> [0..*]
</...>
```

VehicleRemarketingHeader

These field(s) use this type: Header.

Get Vehicle Remarketing

Name	VehicleRemarketingHeader
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	Date/Time fields must be formatted as XML Schema DateTimes in UTC/GMT format without offsets. Example: 2003-11-05T13:15:30Z
SecondaryPassword	Secondary password used to validate access to the dealer information	O	
SecondaryDealerNumber	Identifies secondary dealer number if different than primary "Dealer Number"	O	
DocumentId	Sender (Source) Identification of this vehicle	R	
OrganizationId	Member identification number affiliate organization (i.e., association number)	O	
ContractStartDate	The date the advertising contract starts	O	
ContractExpirationDate	The date the advertising contract ends	O	
ContractId	Unique identifier for the particular advertising activity	O	

XML Instance Representation

```
<...>
  <DocumentDateTime> DocumentDateTime </DocumentDateTime> [0..1]
  <SecondaryPassword> SecondaryPassword </SecondaryPassword> [0..1]
  <SecondaryDealerNumber> SecondaryDealerNumber </SecondaryDealerNumber> [0..1]
  <DocumentId> DocumentId </DocumentId> [1]
  <OrganizationId> OrganizationId </OrganizationId> [0..1]
  <ContractStartDate> ContractStartDate </ContractStartDate> [0..1]
  <ContractExpirationDate> ContractExpirationDate </ContractExpirationDate> [0..1]
  <ContractId> ContractId </ContractId> [0..1]
</...>
```

Get Vehicle Remarketing

VehicleRemarketingVehicle

These field(s) use this type: Vehicle.

Name	VehicleRemarketingVehicle
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	
SaleClass	Class of Sale	O	
Condition	Condition of Vehicle - Example: Excellent, Good, Fair, Poor, Unknown	O	
CertifiedPreownedInd	Identifies as a certified Pre-Owned Vehicle	O	
VehicleNote	Any vehicle related notes	O	
VIN	Federally defined 17 position vehicle identification number	O	
DeliveryMileage	Odometer reading of vehicle at time of delivery	O	
VehicleStock	Dealer assigned vehicle stock number	O	
TrimCode	Manufacturer assigned trim code	O	
DoorsQuantity	Number of doors on vehicle	O	
BodyStyle	Manufacturer-assigned vehicle body style	O	

Get Vehicle Remarketing

Field / Component	Description	R/O	Business Rule
InteriorColor	Vehicle Interior Color(s)	O	
ExteriorColor	Vehicle Exterior Color(s)	O	
TransmissionType	Vehicle Transmission type	O	
OdometerStatus	Status of odometer at trade-in. Example:: Replaced, Tampered, Miles> 90,000, etc.	O	
NonUSVehicleInd	Indicates whether the vehicle was produced for the United States or not	O	
VehicleDemoInd	Indicates whether vehicle was ever a demo	O	
LicenseNumber	State License plate number of vehicle	O	
BrandedInfo	Vehicle Branding Information	O	
RestrictionInd	Indication that vehicle has restrictions on its use	O	
RestrictionDescription	Description of vehicle use restrictions	O	
TelematicsServiceInd	Indication whether Telematics Service Subscription is turned on	O	
Option	Vehicle Remarketing Vehicle Options	O	
TransmissionCode	Transmission Serial Number	O	
DeliveryDate	The date of original retail vehicle sale	O	
EngineNumber	Serial number of the engine if vehicle not made for US sale	O	
IgnitionKeyNumber	Vehicle Ignition Key Number	O	
DoorKeyNumber	Door key number	O	
ExteriorColorCode	Vehicle exterior color code	O	
InteriorColorCode	Vehicle Interior color code	O	
VehicleLocation	Indicates the physical location of the vehicle	O	
VehicleAcquisitionDate	Actual date vehicle was acquired by Dealership	O	
VehiclePricing	Vehicle Pricing	O	

Get Vehicle Remarketing

Field / Component	Description	R/O	Business Rule
Tax	Vehicle Tax	O	
Dealer	Vehicle Dealer	O	
JobToDo	Repairs to be done on vehicle	O	
JobCompleted	Repairs completed on vehicle	O	
Damage	Damage to the vehicle that needs repaired	O	
TransmissionTypeName	Name of transmission type (i.e., Hydromatic, Shiftronic, Manual, Automatic, etc.)	O	
VehicleClass	VehicleClass	O	
FuelType	Type of vehicle fuel	O	
EngineDescription	Text description of engine (e.g. dohc, 32 valves)	O	
EngineConfiguration	Type of engine configuration	O	
EngineInduction	Engine induction	O	
EngineDisplacement	Displacement of engine (i.e., amount of volume in the cylinders)	O	
EngineCylinders	Engine cylinder count	O	
EngineHorsepower	Engine horsepower rating	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	
Warranty	Vehicle warranty	O	
Financing	Vehicle financing	O	
PreviousIndividualOwner	Previous Individual owner of vehicle	O	
PreviousOrganizationalOwner	Previous organization owner of vehicle	O	
ImageAttachment	Contains vehicle photo and image information	O	

Get Vehicle Remarketing

Field / Component	Description	R/O	Business Rule
VehiclePassengers	Passenger/seat capacity count of vehicle	O	
VehicleInspections	Description of inspections done to the vehicle	O	
TireCondition	Condition of tires	O	
VehicleReceivedDate	Date vehicle was received at the dealer	O	
LastModificationDate	Date vehicle was last modified in the sender's inventory	O	
PreviousVehicleUse	Previous vehicle use, eg. ambulance, rental, etc	O	
SoldDate	Date vehicle was sold (useful when dealer wishes to show the car as "SOLD" on his website)	O	
CertificationIssuer	Name of issuer of vehicle certification, eg. honda, gm, government, etc	O	
CertificationValue	Vehicle certification name, eg. gold, optimum	O	
Advertising	Media advertising information	O	
FinancingAvailableInd	Indicates is someone is offering financing on this vehicle	O	

XML Instance Representation

```
<...>
  <Model> Model </Model> [0..1]
  <ModelYear> ModelYear </ModelYear> [0..1]
  <ModelDescription> ModelDescription </ModelDescription> [0..1]
  <Make> Make </Make> [0..1]
  <SaleClass> SaleClass </SaleClass> [0..1]
  <Condition> Condition </Condition> [0..1]
  <CertifiedPreownedInd> CertifiedPreownedInd </CertifiedPreownedInd> [0..1]
  <VehicleNote> VehicleNote </VehicleNote> [0..*]
  <VIN> VIN </VIN> [0..1]
  <DeliveryMileage> DeliveryMileage </DeliveryMileage> [0..1]
  <VehicleStock> VehicleStock </VehicleStock> [0..1]
  <TrimCode> TrimCode </TrimCode> [0..1]
  <DoorsQuantity> DoorsQuantity </DoorsQuantity> [0..1]
  <BodyStyle> BodyStyle </BodyStyle> [0..1]
```

Get Vehicle Remarketing

```
<InteriorColor> InteriorColor </InteriorColor> [0..*]  
<ExteriorColor> ExteriorColor </ExteriorColor> [0..*]  
<TransmissionType> TransmissionType </TransmissionType> [0..1]  
<OdometerStatus> OdometerStatus </OdometerStatus> [0..1]  
<NonUSVehicleInd> NonUSVehicleInd </NonUSVehicleInd> [0..1]  
<VehicleDemoInd> VehicleDemoInd </VehicleDemoInd> [0..1]  
<LicenseNumber> LicenseNumber </LicenseNumber> [0..1]  
<BrandedInfo> BrandedInfo </BrandedInfo> [0..1]  
<RestrictionInd> RestrictionInd </RestrictionInd> [0..1]  
<RestrictionDescription> RestrictionDescription </RestrictionDescription> [0..1]  
<TelematicsServiceInd> TelematicsServiceInd </TelematicsServiceInd> [0..1]  
<Option> RemarketingOption </Option> [0..*]  
<TransmissionCode> TransmissionCode </TransmissionCode> [0..1]  
<DeliveryDate> DeliveryDate </DeliveryDate> [0..1]  
<EngineNumber> EngineNumber </EngineNumber> [0..1]  
<IgnitionKeyNumber> IgnitionKeyNumber </IgnitionKeyNumber> [0..1]  
<DoorKeyNumber> DoorKeyNumber </DoorKeyNumber> [0..1]  
<ExteriorColorCode> ExteriorColorCode </ExteriorColorCode> [0..1]  
<InteriorColorCode> InteriorColorCode </InteriorColorCode> [0..1]  
<VehicleLocation> VehicleLocation </VehicleLocation> [0..1]  
<VehicleAcquisitionDate> VehicleAcquisitionDate </VehicleAcquisitionDate> [0..1]  
<VehiclePricing> VehiclePricing </VehiclePricing> [0..*]  
<Tax> Tax </Tax> [0..*]  
<Dealer> DealerExtendedAddress </Dealer> [0..1]  
<JobToDo> JobToDo </JobToDo> [0..*]  
<JobCompleted> JobCompleted </JobCompleted> [0..*]  
<Damage> RepairDamage </Damage> [0..*]  
<TransmissionTypeName> TransmissionTypeName </TransmissionTypeName> [0..1]  
<VehicleClass> VehicleClass </VehicleClass> [0..1]  
<FuelType> FuelType </FuelType> [0..1]  
<EngineDescription> EngineDescription </EngineDescription> [0..1]  
<EngineConfiguration> EngineConfiguration </EngineConfiguration> [0..1]  
<EngineInduction> EngineInduction </EngineInduction> [0..1]  
<EngineDisplacement> EngineDisplacement </EngineDisplacement> [0..1]  
<EngineCylinders> EngineCylinders </EngineCylinders> [0..1]  
<EngineHorsepower> EngineHorsepower </EngineHorsepower> [0..1]  
<DriveTrain> DriveTrain </DriveTrain> [0..1]
```


Get Vehicle Remarketing

```
<DriveType> DriveType </DriveType> [0..1]
<Warranty> RemarketingWarranty </Warranty> [0..*]
<Financing> RemarketingFinancing </Financing> [0..*]
<PreviousIndividualOwner> IndividualPartyMinimal </PreviousIndividualOwner> [0..1]
<PreviousOrganizationalOwner> OrganizationPartyMinimal </PreviousOrganizationalOwner> [0..1]
<ImageAttachment> ImageAttachmentExtended </ImageAttachment> [0..*]
<VehiclePassengers> VehiclePassengers </VehiclePassengers> [0..1]
<VehicleInspections> VehicleInspections </VehicleInspections> [0..1]
<TireCondition> TireCondition </TireCondition> [0..1]
<VehicleReceivedDate> VehicleReceivedDate </VehicleReceivedDate> [0..1]
<LastModificationDate> LastModificationDate </LastModificationDate> [0..1]
<PreviousVehicleUse> PreviousVehicleUse </PreviousVehicleUse> [0..1]
<SoldDate> SoldDate </SoldDate> [0..1]
<CertificationIssuer> CertificationIssuer </CertificationIssuer> [0..1]
<CertificationValue> CertificationValue </CertificationValue> [0..1]
<Advertising> Advertising </Advertising> [0..*]
<FinancingAvailableInd> FinancingAvailableInd </FinancingAvailableInd> [0..1]
</...>
```

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

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

WarrantyEndMileage

Get Vehicle Remarketing

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

Mileage limit for vehicle warranty coverage for warranty currently in force at time of repair

Name	WarrantyEndMileage
Abstract	no

XML Instance Representation

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

WarrantyStartMileage

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

Mileage at start Date of vehicle warranty

Name	WarrantyStartMileage
Abstract	no

XML Instance Representation

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

WarrantyTypeDescription

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

A code used to classify into coverage categories

Name	WarrantyTypeDescription
Abstract	no

Get Vehicle Remarketing

XML Instance Representation

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

AccountingDate

Month and year accounting date conforms to ISO 8601 format rules Ex: \d\d\d\d-\d\d

Name	AccountingDate
------	----------------

*Base XSD Type: gYearMonth

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

AdvertisingCopy

These field(s) use this type: AdvertisingCopy.

Information that goes in the ad.

Name	AdvertisingCopy
------	-----------------

*Base XSD Type: string

AdvertisingMedia

These field(s) use this type: AdvertisingMedia.

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Media where ad is placed. Ex: Internet, newspaper, etc

Name	AdvertisingMedia
------	------------------

*Base XSD Type: string

ApprovedInd

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

Approved Indicator

Name	ApprovedInd
------	-------------

*Base XSD Type: string

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

0	
---	--

1	
---	--

BodyStyle

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

Manufacturer-assigned vehicle body style

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

*Base XSD Type: string

BrandedTitleDate

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

Branding Date

Name	BrandedTitleDate
------	------------------

Get Vehicle Remarketing

*Base XSD Type: date

BrandedTitleInd

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

This tag indicates if a vehicle's title has been branded. (i.e., vehicle totaled and state registration title branded as such)

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

BrandingSource

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

Branding source (i.e., source who says that the vehicle is branded)

Name	BrandingSource
*Base XSD Type: string	

BrandingStateReference

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

Branding State Reference Number

Name	BrandingStateReference
*Base XSD Type: string	

Get Vehicle Remarketing

CertificationIssuer

These field(s) use this type: CertificationIssuer.

Name of issuer of certification

Name	CertificationIssuer
------	---------------------

*Base XSD Type: string

CertificationValue

These field(s) use this type: CertificationValue.

certification value (i.e., gold)

Name	CertificationValue
------	--------------------

*Base XSD Type: string

CertifiedPreownedInd

These field(s) use this type: CertifiedPreownedInd.

Identifies as a certified Pre-Owned Vehicle

Name	CertifiedPreownedInd
------	----------------------

*Base XSD Type: string

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

0	
---	--

1	
---	--

City

These field(s) use this type: City.

Get Vehicle Remarketing

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

CompanyName

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

Company name of customer

Name	CompanyName
------	-------------

*Base XSD Type: string

Condition

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

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

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

*Base XSD Type: string

ConfirmType

Get Vehicle Remarketing

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

ContractExpirationDate

These field(s) use this type: ContractExpirationDate.

Date the contract expires

Name	ContractExpirationDate
*Base XSD Type: date	

ContractStartDate

These field(s) use this type: ContractStartDate.

Contract sale Date

Name	ContractStartDate
*Base XSD Type: date	

CopyType

These field(s) use this type: CopyType.

Type of copy used for ad. Ex: Teaser text, short description, long description

Name	CopyType
------	----------

*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 -CÔTE D'IVOIRE HR -CROATIA CU -CUBA CY -CYPRUS CZ -CZECH REPUBLIC DK -DENMARK DJ -DJIBOUTI DM -DOMINICA DO -DOMINICAN REPUBLIC EC -ECUADOR EG -EGYPT SV -EL SALVADOR GQ -EQUATORIAL GUINEA ER -ERITREA EE -ESTONIA ET -ETHIOPIA FK -FALKLAND ISLANDS (MALVINAS) FO -FAROE ISLANDS FJ -FIJI FI -FINLAND FR -FRANCE GF -FRENCH GUIANA PF -FRENCH POLYNESIA TF -FRENCH SOUTHERN TERRITORIES GA -GABON GM -GAMBIA GE -GEORGIA DE -GERMANY GH -GHANA GI -GIBRALTAR GR -GREECE GL -GREENLAND GD -GRENADA GP -GUADELOUPE GU -GUAM GT -GUATEMALA GN -GUINEA GW -GUINEA-BISSAU GY -GUYANA HT -HAITI HM -HEARD ISLAND AND MCDONALD ISLANDS VA -HOLY SEE (VATICAN CITY STATE) HN -HONDURAS HK -HONG KONG HU -HUNGARY IS -ICELAND IN -INDIA ID -INDONESIA IR -IRAN, ISLAMIC REPUBLIC OF IQ -IRAQ IE -IRELAND IL -ISRAEL IT -ITALY JM -JAMAICA JP -JAPAN JO -JORDAN KZ -KAZAKHSTAN KE -KENYA KI -KIRIBATI KP -KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF KR -KOREA, REPUBLIC OF KW -KUWAIT KG -KYRGYZSTAN LA -LAO PEOPLE'S DEMOCRATIC REPUBLIC LV -LATVIA LB -LEBANON LS -LESOTHO LR -LIBERIA LY -LIBYAN ARAB JAMAHIRIYA LI -LIECHTENSTEIN LT -LITHUANIA LU -LUXEMBOURG MO -MACAO MK -MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF MG -MADAGASCAR MW -MALAWI MY -MALAYSIA MV -MALDIVES ML -MALI MT -MALTA MH -MARSHALL ISLANDS MQ -MARTINIQUE MR -MAURITANIA MU -MAURITIUS YT -MAYOTTE MX -MEXICO FM -MICRONESIA, FEDERATED STATES OF MD -MOLDOVA, REPUBLIC OF MC -MONACO MN -MONGOLIA MS -MONTSERRAT MA -MOROCCO MZ -MOZAMBIQUE MM -MYANMAR NA -NAMIBIA NR -NAURU NP -NEPAL NL -NETHERLANDS AN -NETHERLANDS ANTILLES NC -NEW CALEDONIA NZ -NEW ZEALAND NI -NICARAGUA NE -NIGER NG -NIGERIA NU -NIUE NF -NORFOLK ISLAND MP -NORTHERN MARIANA ISLANDS NO -NORWAY OM -OMAN PK -PAKISTAN PW -PALAU PS -PALESTINIAN TERRITORY, OCCUPIED PA -PANAMA PG -PAPUA NEW GUINEA PY -PARAGUAY PE -PERU PH -PHILIPPINES PN -PITCAIRN PL -POLAND PT -PORTUGAL PR -PUERTO RICO QA -QATAR RE -RÅÅUNION 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

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-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	
AD	
AO	
AI	
AQ	
AG	
AR	
AM	
AW	
AU	
AT	

Get Vehicle Remarketing

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

Get Vehicle Remarketing

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

Get Vehicle Remarketing

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

Get Vehicle Remarketing

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

Get Vehicle Remarketing

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

Get Vehicle Remarketing

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

Get Vehicle Remarketing

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

Get Vehicle Remarketing

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

Get Vehicle Remarketing

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

Get Vehicle Remarketing

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

Get Vehicle Remarketing

Code Value	Description
EH	
YE	
ZM	
ZW	

County

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

Business party county location

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

*Base XSD Type: string

Currency

The ISO code identifying the type of currency in use.

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

*Base XSD Type: string

Code Value	Description
USD	
ADP	
AED	
AFA	
ALL	
ANG	

Get Vehicle Remarketing

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

Get Vehicle Remarketing

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

Get Vehicle Remarketing

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

Get Vehicle Remarketing

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

Get Vehicle Remarketing

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

Get Vehicle Remarketing

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

Get Vehicle Remarketing

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

Data

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

Container to carry embedded data

Get Vehicle Remarketing

Name	Data
------	------

*Base XSD Type: string

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

DealerName

These field(s) use this type: DealerName.

Dealer name

Name	DealerName
------	------------

*Base XSD Type: string

Decimal

Decimal

Name	Decimal
------	---------

Get Vehicle Remarketing

*Base XSD Type: decimal

DeliveryDate

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

The date of original retail vehicle sale

Name	DeliveryDate
------	--------------

*Base XSD Type: date

DistrictCode

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

Manufacturer Assigned District Code

Name	DistrictCode
------	--------------

*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

DoorKeyNumber

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

Door Key Number

Get Vehicle Remarketing

Name	DoorKeyNumber
------	---------------

*Base XSD Type: string

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

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

EncodingBase

Encoding values for embedded documents

Name	EncodingBase
------	--------------

*Base XSD Type: string

Get Vehicle Remarketing

Code Value	Description
base64	Base 64
octal	Octal
binary	Binary
plainText	Plain Text
other	
N/A	Not Applicable

EngineConfiguration

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

Type of engine configuration

Name	EngineConfiguration
*Base XSD Type: string	
Code Value	Description
horizontal	Horizontal engine configuration
in-line	In-line engine configuration
rotary	Rotary engine configuration
V-type	V-type engine configuration
W-type	W-type engine configuration
other	
N/A	Not Applicable

EngineDisplacement

Get Vehicle Remarketing

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

Displacement of engine (i.e., amount of volume in the cylinders)

Name	EngineDisplacement
------	--------------------

*Base XSD Type: string

Code Value	Description
ci	ci - Cubic Inches
cc	cc - Cubic Centimeters
liters	liters
other	
N/A	Not Applicable

EngineHorsepower

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

Engine horsepower rating

Name	EngineHorsepower
------	------------------

*Base XSD Type: string

EngineInduction

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

Engine induction

Name	EngineInduction
------	-----------------

*Base XSD Type: string

Get Vehicle Remarketing

Code Value	Description
turbo	Turbo engine induction
supercharger	Supercharger engine induction
twin-turbo	Twin-turbo engine induction
normally aspirated	Normally aspirated engine induction
other	
N/A	Not Applicable

EngineNumber

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

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

Name	EngineNumber
------	--------------

*Base XSD Type: string

ExpirationDate

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

Expiration Date

Name	ExpirationDate
------	----------------

*Base XSD Type: date

Expression

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

Get Vehicle Remarketing

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

FamilyName

These field(s) use this type: FamilyName.

Last Name of business party

Name	FamilyName
------	------------

Get Vehicle Remarketing

*Base XSD Type: string

FinanceCompanyName

These field(s) use this type: FinanceCompanyName.

Name of Finance Company

Name	FinanceCompanyName
------	--------------------

*Base XSD Type: string

FinanceType

These field(s) use this type: FinanceType.

Type of financing Examples may be F- Finance, L - Lease, C-Cash, 1-Retail, 2-Lease, 3-Balloon, etc.

Name	FinanceType
------	-------------

*Base XSD Type: string

FinancingAvailableInd

These field(s) use this type: FinancingAvailableInd.

Indicates is someone is offering financing

Name	FinancingAvailableInd
------	-----------------------

*Base XSD Type: string

Code Value	Description
0	
1	

Get Vehicle Remarketing

FleetAccount

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

Manufacturer defined fleet account number

Name	FleetAccount
------	--------------

*Base XSD Type: string

FormattedName

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

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

Name	FormattedName
------	---------------

*Base XSD Type: string

FuelType

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

Type of vehicle fuel

Name	FuelType
------	----------

*Base XSD Type: string

Code Value	Description
diesel	Diesel Fuel
premium unleaded	Premium Unleaded Fuel
unleaded	Unleaded Fuel
natural gas	Natural Gas
electric	Electric

Get Vehicle Remarketing

Code Value	Description
ethanol	Ethanol is an alternative automotive fuel derived from grain and corn; usually blended with gasoline to form gasohol.
propane	Propane
hybrid	Hybrid is a vehicle that uses two or more distinct power sources to propel the vehicle
Other	Other
N/A	Not Applicable

GivenName

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

First Name of business party

Name	GivenName
-------------	------------------

*Base XSD Type: string

IgnitionKeyNumber

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

Vehicle Ignition Key Number

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

*Base XSD Type: string

ImageAlternateText

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

Image alternate text. Example: "1997 Honda Accord"

Get Vehicle Remarketing

Name	ImageAlternateText
------	--------------------

*Base XSD Type: string

ImageAttachmentTitle

These field(s) use this type: ImageAttachmentTitle.

Image attachment title

Name	ImageAttachmentTitle
------	----------------------

*Base XSD Type: string

Indicator

These field(s) use this type: DeliverPendingMailInd.

0 = No, 1 = Yes

Name	Indicator
------	-----------

*Base XSD Type: string

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

0	
---	--

1	
---	--

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**.

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 "Sinhalese", 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	

Get Vehicle Remarketing

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

Get Vehicle Remarketing

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

Get Vehicle Remarketing

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

Get Vehicle Remarketing

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

Get Vehicle Remarketing

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

Get Vehicle Remarketing

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

Get Vehicle Remarketing

Code Value	Description
zu-ZA	

LastModificationDate

These field(s) use this type: LastModificationDate.

Last date modification was made

Name	LastModificationDate
------	----------------------

*Base XSD Type: date

LicenseNumber

These field(s) use this type: LicenseNumber.

State License plate number of vehicle

Name	LicenseNumber
------	---------------

*Base XSD Type: string

Make

These field(s) use this type: Make.

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

Name	Make
------	------

*Base XSD Type: string

Manufacturer

These field(s) use this type: Manufacturer.

Get Vehicle Remarketing

Manufacturer Name

Name	Manufacturer
-------------	---------------------

*Base XSD Type: string

MaturityDate

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

Month and year of contract maturity

Name	MaturityDate
-------------	---------------------

*Base XSD Type: gYearMonth

MiddleName

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

Middle Initial of business party

Name	MiddleName
-------------	-------------------

*Base XSD Type: string

MileageMeasure

M = Miles, K = KIloometers

Name	MileageMeasure
-------------	-----------------------

*Base XSD Type: string

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

M	"M" = Modified
---	----------------

K	Kilometers
---	------------

Get Vehicle Remarketing

MiscellaneousNotes

These field(s) use this type: MiscellaneousNotes.

Free form miscellaneous comments

Name	MiscellaneousNotes
------	--------------------

*Base XSD Type: string

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

ModelYear

These field(s) use this type: ModelYear.

Vehicle designated model year

Name	ModelYear
------	-----------

*Base XSD Type: gYear

Get Vehicle Remarketing

Name

Name of the Party.

Name	Name
------	------

*Base XSD Type: string

NonUSVehicleInd

These field(s) use this type: NonUSVehicleInd.

Indicates whether the vehicle was produced for the United States or not

Name	NonUSVehicleInd
------	-----------------

*Base XSD Type: string

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

0	
---	--

1	
---	--

Note

A free form note.

Name	Note
------	------

*Base XSD Type: string

OdometerStatus

These field(s) use this type: OdometerStatus.

Status of odometer at trade-in. Example:: Replaced, Tampered, Miles> 90,000, etc.

Get Vehicle Remarketing

Name	OdometerStatus
------	----------------

*Base XSD Type: string

OptionName

These field(s) use this type: OptionName.

Name of vehicle option

Name	OptionName
------	------------

*Base XSD Type: string

OptionNotes

These field(s) use this type: OptionNotes.

Free form text related to option

Name	OptionNotes
------	-------------

*Base XSD Type: string

OptionOrigin

These field(s) use this type: OptionOrigin.

Identifies the option installer

Name	OptionOrigin
------	--------------

*Base XSD Type: string

OptionSerialNumber

These field(s) use this type: OptionSerialNumber.

Get Vehicle Remarketing

Serial number of Option

Name	OptionSerialNumber
------	--------------------

*Base XSD Type: string

OptionStockNumber

These field(s) use this type: OptionStockNumber.

Stock Number of Vehicle Option

Name	OptionStockNumber
------	-------------------

*Base XSD Type: string

PostalCode

These field(s) use this type: PostalCode.

Postal Code of the Address.

Name	PostalCode
------	------------

*Base XSD Type: string

PreviousVehicleUse

These field(s) use this type: PreviousVehicleUse.

Previous vehicle use, eg: ambulance, rental, etc.

Name	PreviousVehicleUse
------	--------------------

*Base XSD Type: string

PriceExplanation

Get Vehicle Remarketing

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

Explanatory Note for Pricing

Name	PriceExplanation
------	------------------

*Base XSD Type: string

PricingTypeSource

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

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

Name	PricingTypeSource
------	-------------------

*Base XSD Type: string

PromotionalRateInd

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

Promotional rate was used

Name	PromotionalRateInd
------	--------------------

*Base XSD Type: string

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

0	
---	--

1	
---	--

Reference

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

Reference notation

Get Vehicle Remarketing

Name	Reference
------	-----------

*Base XSD Type: string

ReferenceNumber

Reference number

Name	ReferenceNumber
------	-----------------

*Base XSD Type: string

RepairOrderNumber

These field(s) use this type: RepairOrderNumber.

Identification number of repair order assignedby dealer or DMS.

Name	RepairOrderNumber
------	-------------------

*Base XSD Type: string

RestrictionInd

These field(s) use this type: RestrictionInd.

Indication that vehicle has restrictions on its use

Name	RestrictionInd
------	----------------

*Base XSD Type: string

Code Value	Description
0	
1	

Get Vehicle Remarketing

RoadsideAssistanceInd

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

Indicates whether coverage includes roadside assistance

Name	RoadsideAssistanceInd
------	-----------------------

*Base XSD Type: string

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

0	
---	--

1	
---	--

SaleClass

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

Class of sale.

Name	SaleClass
------	-----------

*Base XSD Type: string

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

New	Never owned.
-----	--------------

Used	Previously Owned
------	------------------

Demo	Demonstration item.
------	---------------------

Other	Other
-------	-------

N/A	Not Applicable
-----	----------------

Floor Sample	This is a vehicle that is provided in the showroom as an example.
--------------	-------------------------------------------------------------------

Factory	Identifies that the vehicle may have been used as a product demonstration for an official or executive from the manufacturer.
---------	-------------------------------------------------------------------------------------------------------------------------------

Get Vehicle Remarketing

Salutation

These field(s) use this type: Salutation.

Title or greeting of business party

Name	Salutation
------	------------

*Base XSD Type: string

SecondaryPassword

These field(s) use this type: SecondaryPassword.

Secondary password used to validate access to the dealer information

Name	SecondaryPassword
------	-------------------

*Base XSD Type: string

SerialNumber

Serial Number

Name	SerialNumber
------	--------------

*Base XSD Type: string

ShortMfg

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

Short Manufacturer or RSP Codes

Name	ShortMfg
------	----------

*Base XSD Type: string

Get Vehicle Remarketing

SoldDate

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

Sold date

Name	SoldDate
------	----------

*Base XSD Type: date

StateOrProvince

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

Is the State or Province of a given Address.

Name	StateOrProvince
------	-----------------

*Base XSD Type: string

Suffix

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

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

Name	Suffix
------	--------

*Base XSD Type: string

SystemVersion

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

The sender's software version number .

Name	SystemVersion
------	---------------

*Base XSD Type: string

Get Vehicle Remarketing

TaxabilityInd

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

Determines whether an item or amount is taxable.

Name	TaxabilityInd
------	---------------

*Base XSD Type: string

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

0	
---	--

1	
---	--

TaxType

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

Tax Type

Name	TaxType
------	---------

*Base XSD Type: string

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

Total	
-------	--

Amount	
--------	--

Labor	
-------	--

Parts	
-------	--

Claim	
-------	--

Dealer	Dealer
--------	--------

Deductible	
------------	--

Prorated	
----------	--

Get Vehicle Remarketing

Code Value	Description
Other	Other
Luxury	
Vehicle Inventory	
Taxes Not In Cash Price	
Document Stamp	
Sales	
Tire	
Personal Property	
Registration	
Monthly/Use	
Weight	
Adjustment	
DownPayment	
CapCostReduction	
Lieu	
CurrentYear	
N/A	Not Applicable
LocalOption	Tennessee Tax - combination of city and county.
SingleArticle	Tennessee Tax - State Tax
Gas	Gas tax levied to applicable vehicles or by state/province law. (Referred to in US as "Gas Guzzler" tax).
Total Monthly/Use	The total amount of monthly use tax for a payment on a contract.
Service Contract	Tax charged on service contracts (where applicable).

Get Vehicle Remarketing

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

TaxTypeld

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

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

Name	TaxTypeld
------	-----------

Get Vehicle Remarketing

*Base XSD Type: string

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

TelematicsServiceInd

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

Indication whether Telematics Service Subscription is turned on

Name	TelematicsServiceInd
------	----------------------

*Base XSD Type: string

Code Value	Description
0	

Get Vehicle Remarketing

Code Value	Description
1	

TermLength

Term Length

Name	TermLength
*Base XSD Type: string	
Code Value	Description
Months	Months
Weeks	Weeks
Years	Years

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	

TireCondition

These field(s) use this type: TireCondition.

Condition of tires

Name	TireCondition
------	---------------

Get Vehicle Remarketing

*Base XSD Type: string

TransmissionCode

These field(s) use this type: TransmissionCode.

Transmission Serial Number

Name	TransmissionCode
------	------------------

*Base XSD Type: string

TransmissionType

These field(s) use this type: TransmissionType.

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

Name	TransmissionType
------	------------------

*Base XSD Type: string

Code Value	Description
3	3 Speed
4	4 Speed
5	5 Speed
6	6 Speed
A	"A" = Automatic
Automatic 3	Automatic 3 speed transmission type
Automatic 4	Automatic 4 speed transmission type
Automatic 5	Automatic 5 speed transmission type
Automatic 6	Automatic 6 speed transmission type

Get Vehicle Remarketing

Code Value	Description
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

TransmissionTypeName

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

Name of transmission type (i.e., Hydromatic, Shiftronic, Manual, Automatic, etc.)

Name	TransmissionTypeName
-------------	-----------------------------

*Base XSD Type: string

TrimCode

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

Manufacturer assigned trim code

Name	TrimCode
-------------	-----------------

Get Vehicle Remarketing

*Base XSD Type: string

Type

Type

Name	Type
------	------

*Base XSD Type: string

UrbanizationCode

These field(s) use this type: UrbanizationCode.

Geographic definition of a metropolitan or suburban area

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

*Base XSD Type: string

URI

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

URI

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

*Base XSD Type: anyURI

VehicleAcquisitionDate

These field(s) use this type: VehicleAcquisitionDate.

Actual Date vehicle was acquired by Dealership

Name	VehicleAcquisitionDate
------	------------------------

Get Vehicle Remarketing

*Base XSD Type: date

VehicleClass

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

Class of vehicle

Name	VehicleClass
*Base XSD Type: string	
Code Value	Description
passenger	Passenger
minivan	Minivan
pickup	Pickup
fullsizevan	Full size van
sportutil	Sport utility vehicle
motorcycle	Motorcycle
rv	RV
atv	ATV
boats	Boats
snowmobile	Snowmobile
heavy truck	Heavy truck
medium duty	Medium duty
truck	Truck
sedans	Sedans
Other	Other

Get Vehicle Remarketing

Code Value	Description
N/A	Not Applicable

VehicleDemoInd

These field(s) use this type: VehicleDemoInd.

Indicates whether vehicle was ever a demo

Name	VehicleDemoInd
-------------	-----------------------

*Base XSD Type: string

Code Value	Description
0	
1	

VehicleInspections

These field(s) use this type: VehicleInspections.

Description of inspections done to the vehicle

Name	VehicleInspections
-------------	---------------------------

*Base XSD Type: string

VehicleLocation

These field(s) use this type: VehicleLocation.

Indicates the physical location of the vehicle

Name	VehicleLocation
-------------	------------------------

Get Vehicle Remarketing

*Base XSD Type: string

VehicleNote

These field(s) use this type: VehicleNote.

Any vehicle related notes

Name	VehicleNote
------	-------------

*Base XSD Type: string

VehiclePricingType

These field(s) use this type: VehiclePricingType.

Designates type of pricing for vehicle

Name	VehiclePricingType
------	--------------------

*Base XSD Type: string

Code Value	Description
MSRP	
Hold Back	
Destination/Handling	
Group Fund Price	
Wholesale Price	
Wholesale Cost	
Actual Cash Value	
Employee	
Invoice	

Get Vehicle Remarketing

Code Value	Description
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	
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.

Get Vehicle Remarketing

VehicleReceivedDate

These field(s) use this type: VehicleReceivedDate.

Date vehicle was received at the dealer

Name	VehicleReceivedDate
------	---------------------

*Base XSD Type: date

VehicleStock

These field(s) use this type: VehicleStock.

Dealer assigned vehicle stock number

Name	VehicleStock
------	--------------

*Base XSD Type: string

VIN

These field(s) use this type: VIN.

Federally defined 17 position vehicle identification number

Name	VIN
------	-----

*Base XSD Type: string

WarrantyClass

These field(s) use this type: WarrantyClass.

A classification of warranty specifications that the warranty must address such as 'tires, power train, rust 'or 'power train only' and can be based on the age or mileage

Name	WarrantyClass
------	---------------

Get Vehicle Remarketing

*Base XSD Type: string

WarrantyExpirationDate

These field(s) use this type: WarrantyExpirationDate.

Last Date of vehicle warranty coverage for warranty currently in force at time of repair

Name	WarrantyExpirationDate
------	------------------------

*Base XSD Type: date

WarrantyNotes

These field(s) use this type: WarrantyNotes.

Any Warranty related Notes

Name	WarrantyNotes
------	---------------

*Base XSD Type: string

WarrantyStartDate

These field(s) use this type: WarrantyStartDate.

Start Date of vehicle warranty

Name	WarrantyStartDate
------	-------------------

*Base XSD Type: date

WarrantyTransferInd

These field(s) use this type: WarrantyTransferInd.

Indicates if warranty is transferable

Get Vehicle Remarketing

Name	WarrantyTransferInd
------	---------------------

*Base XSD Type: string

Code Value	Description
0	
1	

WarrantyTypeCode

These field(s) use this type: WarrantyTypeCode.

A code used to classify into coverage categories.

Name	WarrantyTypeCode
------	------------------

*Base XSD Type: string

Year

Year

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

*Base XSD Type: gYear

ZoneCode

These field(s) use this type: ZoneCode.

Manufacturer Assigned Zone Code

Name	ZoneCode
------	----------

*Base XSD Type: string

Fields and Global Attributes

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

ApplicationArea

These field(s) use this type: ApplicationArea.

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

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

Name	ApplicationArea
Type	ApplicationArea
Nillable	no
Abstract	no

XML Instance Representation

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

Get

These field(s) use this type: Get.

Get Vehicle Remarketing

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
Niltable	no
Abstract	no

XML Instance Representation

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

GetVehicleRemarketing

These field(s) use this type: GetVehicleRemarketing.

Name	GetVehicleRemarketing
Type	GetVehicleRemarketing

Get Vehicle Remarketing

Niltable	no
Abstract	no

XML Instance Representation

```
<GetVehicleRemarketing
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> GetVehicleRemarketingDataArea </DataArea> [1]
</GetVehicleRemarketing>
```

Header

Name	Header
Type	VehicleRemarketingHeader
Niltable	no
Abstract	no

XML Instance Representation

```
<Header>
  <DocumentDateTime> DocumentDateTime </DocumentDateTime> [0..1]
  <SecondaryPassword> SecondaryPassword </SecondaryPassword> [0..1]
  <SecondaryDealerNumber> SecondaryDealerNumber </SecondaryDealerNumber> [0..1]
  <DocumentId> DocumentId </DocumentId> [1]
  <OrganizationId> OrganizationId </OrganizationId> [0..1]
  <ContractStartDate> ContractStartDate </ContractStartDate> [0..1]
  <ContractExpirationDate> ContractExpirationDate </ContractExpirationDate> [0..1]
  <ContractId> ContractId </ContractId> [0..1]
</Header>
```

Get Vehicle Remarketing

Vehicle

Name	Vehicle
Type	VehicleRemarketingVehicle
Nilable	no
Abstract	no

XML Instance Representation

```
<Vehicle>
  <Model> Model </Model> [0..1]
  <ModelYear> ModelYear </ModelYear> [0..1]
  <ModelDescription> ModelDescription </ModelDescription> [0..1]
  <Make> Make </Make> [0..1]
  <SaleClass> SaleClass </SaleClass> [0..1]
  <Condition> Condition </Condition> [0..1]
  <CertifiedPreownedInd> CertifiedPreownedInd </CertifiedPreownedInd> [0..1]
  <VehicleNote> VehicleNote </VehicleNote> [0..*]
  <VIN> VIN </VIN> [0..1]
  <DeliveryMileage> DeliveryMileage </DeliveryMileage> [0..1]
  <VehicleStock> VehicleStock </VehicleStock> [0..1]
  <TrimCode> TrimCode </TrimCode> [0..1]
  <DoorsQuantity> DoorsQuantity </DoorsQuantity> [0..1]
  <BodyStyle> BodyStyle </BodyStyle> [0..1]
  <InteriorColor> InteriorColor </InteriorColor> [0..*]
  <ExteriorColor> ExteriorColor </ExteriorColor> [0..*]
  <TransmissionType> TransmissionType </TransmissionType> [0..1]
  <OdometerStatus> OdometerStatus </OdometerStatus> [0..1]
  <NonUSVehicleInd> NonUSVehicleInd </NonUSVehicleInd> [0..1]
  <VehicleDemoInd> VehicleDemoInd </VehicleDemoInd> [0..1]
  <LicenseNumber> LicenseNumber </LicenseNumber> [0..1]
  <BrandedInfo> BrandedInfo </BrandedInfo> [0..1]
  <RestrictionInd> RestrictionInd </RestrictionInd> [0..1]
  <RestrictionDescription> RestrictionDescription </RestrictionDescription> [0..1]
  <TelematicsServiceInd> TelematicsServiceInd </TelematicsServiceInd> [0..1]
</Vehicle>
```

Get Vehicle Remarketing

```
<Option> RemarketingOption </Option> [0..*]  
<TransmissionCode> TransmissionCode </TransmissionCode> [0..1]  
<DeliveryDate> DeliveryDate </DeliveryDate> [0..1]  
<EngineNumber> EngineNumber </EngineNumber> [0..1]  
<IgnitionKeyNumber> IgnitionKeyNumber </IgnitionKeyNumber> [0..1]  
<DoorKeyNumber> DoorKeyNumber </DoorKeyNumber> [0..1]  
<ExteriorColorCode> ExteriorColorCode </ExteriorColorCode> [0..1]  
<InteriorColorCode> InteriorColorCode </InteriorColorCode> [0..1]  
<VehicleLocation> VehicleLocation </VehicleLocation> [0..1]  
<VehicleAcquisitionDate> VehicleAcquisitionDate </VehicleAcquisitionDate> [0..1]  
<VehiclePricing> VehiclePricing </VehiclePricing> [0..*]  
<Tax> Tax </Tax> [0..*]  
<Dealer> DealerExtendedAddress </Dealer> [0..1]  
<JobToDo> JobToDo </JobToDo> [0..*]  
<JobCompleted> JobCompleted </JobCompleted> [0..*]  
<Damage> RepairDamage </Damage> [0..*]  
<TransmissionTypeName> TransmissionTypeName </TransmissionTypeName> [0..1]  
<VehicleClass> VehicleClass </VehicleClass> [0..1]  
<FuelType> FuelType </FuelType> [0..1]  
<EngineDescription> EngineDescription </EngineDescription> [0..1]  
<EngineConfiguration> EngineConfiguration </EngineConfiguration> [0..1]  
<EngineInduction> EngineInduction </EngineInduction> [0..1]  
<EngineDisplacement> EngineDisplacement </EngineDisplacement> [0..1]  
<EngineCylinders> EngineCylinders </EngineCylinders> [0..1]  
<EngineHorsepower> EngineHorsepower </EngineHorsepower> [0..1]  
<DriveTrain> DriveTrain </DriveTrain> [0..1]  
<DriveType> DriveType </DriveType> [0..1]  
<Warranty> RemarketingWarranty </Warranty> [0..*]  
<Financing> RemarketingFinancing </Financing> [0..*]  
<PreviousIndividualOwner> IndividualPartyMinimal </PreviousIndividualOwner> [0..1]  
<PreviousOrganizationalOwner> OrganizationPartyMinimal </PreviousOrganizationalOwner> [0..1]  
<ImageAttachment> ImageAttachmentExtended </ImageAttachment> [0..*]  
<VehiclePassengers> VehiclePassengers </VehiclePassengers> [0..1]  
<VehicleInspections> VehicleInspections </VehicleInspections> [0..1]  
<TireCondition> TireCondition </TireCondition> [0..1]  
<VehicleReceivedDate> VehicleReceivedDate </VehicleReceivedDate> [0..1]  
<LastModificationDate> LastModificationDate </LastModificationDate> [0..1]
```

Get Vehicle Remarketing

```
<PreviousVehicleUse> PreviousVehicleUse </PreviousVehicleUse> [0..1]
<SoldDate> SoldDate </SoldDate> [0..1]
<CertificationIssuer> CertificationIssuer </CertificationIssuer> [0..1]
<CertificationValue> CertificationValue </CertificationValue> [0..1]
<Advertising> Advertising </Advertising> [0..*]
<FinancingAvailableInd> FinancingAvailableInd </FinancingAvailableInd> [0..1]
</Vehicle>
```

VehicleRemarketing

These field(s) use this type: VehicleRemarketing.

Name	VehicleRemarketing
Type	VehicleRemarketing
Nilable	no
Abstract	no

XML Instance Representation

```
<VehicleRemarketing>
  <Header> ... </Header> [1]
  <Vehicle> ... </Vehicle> [0..*]
</VehicleRemarketing>
```

Verb

These field(s) use this type: Verb.

Name	Verb
Type	Verb
Nilable	no
Abstract	yes

Get Vehicle Remarketing

XML Instance Representation

<Verb/>

