



Standards for Technology in Automotive Retail

**Implementation Guidelines
Change Retail Delivery Reporting DRAFT
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Change Retail Delivery Reporting

Change Retail Delivery Reporting Guidelines

Overview

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

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

Change Retail Delivery Reporting

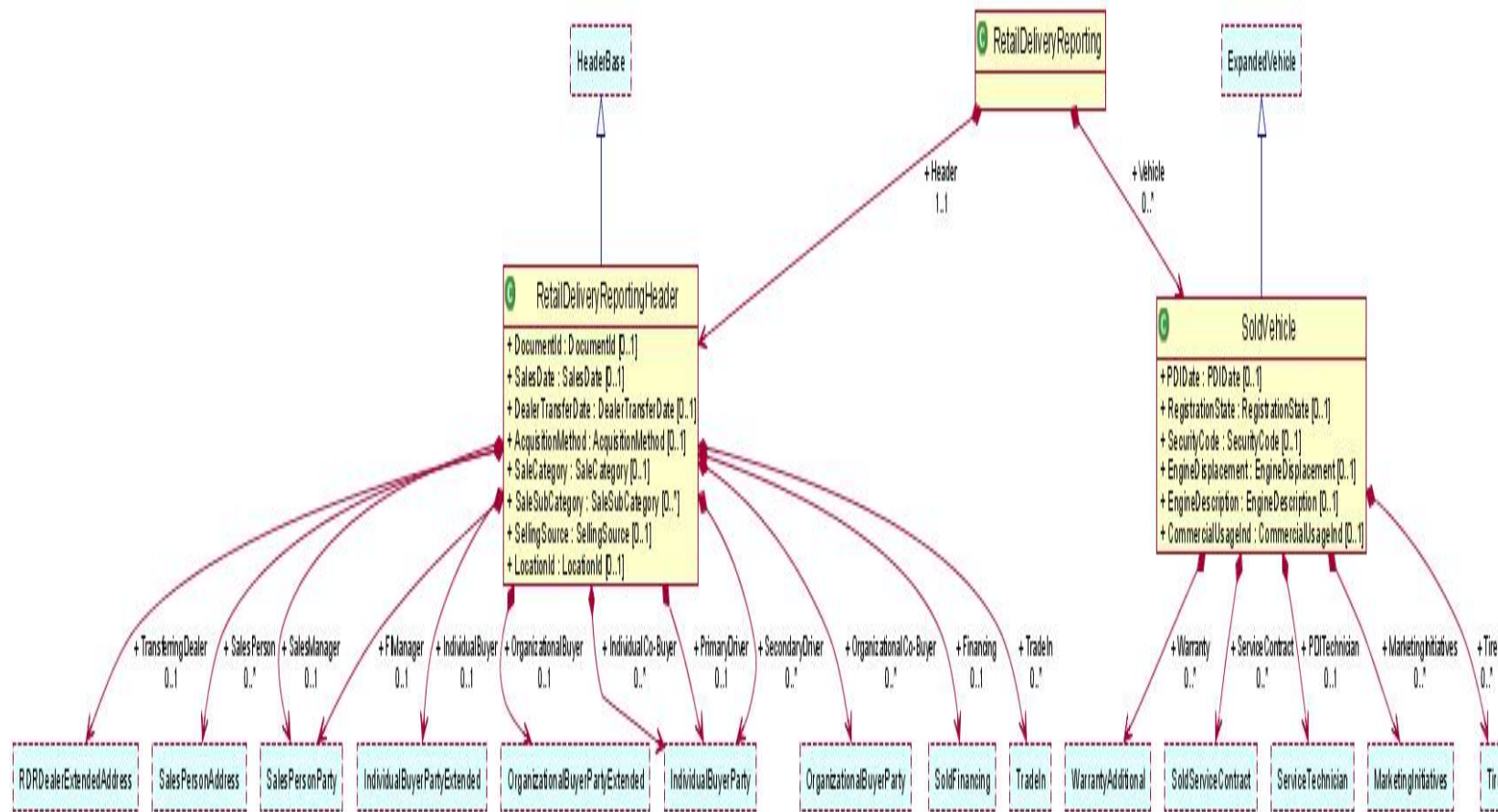
Business Scenario

The Retail Delivery Reporting Binary Collaboration starts with the transmission of the retail delivery report from a dealer to a lender. This submission may be done multiple times. The lender then verifies the contract and responds. This process occurs on demand as is needed. Note: This scenario is an example of how the Credit Contract BOD can be used. Implementations may vary.

Change Retail Delivery Reporting

Relationship Diagram

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



Schema Document Properties

Declared Namespaces

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

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

Components and Data Types

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

Address

Name	Address
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
qualifier		R	

Data Elements and Components

Field / Component	Description	R/O	Business Rule
AddressLine	Indicates the multiple lines of an address. The first line is typically the 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

<...

Change Retail Delivery Reporting

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

AddressBase

Name	AddressBase
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
AddressLine	Indicates the multiple lines of an address. The first line is typically the street name and number.	R	
City	Is the City of the Address.	R	
County	County in which the Address is in.	O	
StateOrProvince	Is the State or Province of a given Address.	R	
Country	Country in which the Address is in.	R	
PostalCode	Postal Code of the Address.	R	

XML Instance Representation

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

Change Retail Delivery Reporting

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

AlternatePartyId

Name	AlternatePartyId
Abstract	no

Data Elements and Components

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

XML Instance Representation

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

Amount

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

Name	Amount
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
currency		R	

XML Instance Representation

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

Change Retail Delivery Reporting

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

AnnualPercentageRate

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

Annual percentage rate.

Name	AnnualPercentageRate
Abstract	no

XML Instance Representation

```
<...>
  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	DateTime fields must be formatted as XML Schema Datetimes in UTC/GMT format without offsets. Example: 2003-11-05T13:15:30Z

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

Name	ApprovedAmount
Abstract	no

XML Instance Representation

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

BalanceAmount

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

Remaining balance on Current Vehicle

Name	BalanceAmount
Abstract	no

XML Instance Representation

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

BalloonResidualAmount

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

The estimated amount of the vehicle at contract end.

Name	BalloonResidualAmount
Abstract	no

XML Instance Representation

Change Retail Delivery Reporting

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

BalloonResidualPercentage

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

The estimated percent of value at contract end

Name	BalloonResidualPercentage
Abstract	no

XML Instance Representation

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

BaseInterestRate

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

The base interest rate before any pre-paid interest or additional costs of financing.

Name	BaseInterestRate
Abstract	no

XML Instance Representation

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

BrandedInfo

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

Change Retail Delivery Reporting

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	Values: 1 - Yes. 0 - No.
BrandedTitleDate	Branding Date	O	In YYYY-MM-DD format.
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	

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

Change Retail Delivery Reporting

XML Instance Representation

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

BusinessObjectDocument

Name	BusinessObjectDocument
Abstract	no

Attributes

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

Data Elements and Components

Change Retail Delivery Reporting

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

XML Instance Representation

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

BuyerDemographics

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

Name	BuyerDemographics
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Gender	Gender of party	O	Values: M - Male, F - Female
Language	Business party native language	O	

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
BirthDate	Birth date of party	O	In YYYY-MM-DD format.
FirstTimeBuyerInd	Identifies customer as first time buyer	O	Values: 1 - First Time Buyer. 0 - Not a First Time Buyer.
PreferredLanguage	Customer's preferred language	O	

XML Instance Representation

```
<...>
  <Gender> Gender </Gender> [0..1]
  <Language> Language </Language> [0..1]
  <BirthDate> BirthDate </BirthDate> [0..1]
  <FirstTimeBuyerInd> FirstTimeBuyerInd </FirstTimeBuyerInd> [0..1]
  <PreferredLanguage> PreferredLanguage </PreferredLanguage> [0..1]
</...>
```

Change

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

Name	Change
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Verb		R	

XML Instance Representation

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

Change Retail Delivery Reporting

ChangeRetailDeliveryReporting

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

Name	ChangeRetailDeliveryReporting
Abstract	no

Data Elements and Components

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

XML Instance Representation

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

ChangeRetailDeliveryReportingDataArea

Change Retail Delivery Reporting

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

Name	ChangeRetailDeliveryReportingDataArea
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Change	The Change verb is used when the sender of the BOD is not the owner of R the data, but is sending a request for the document to be changed.An example of this is Change REQUISITN, where the original document needs to be changed based on a specific business event.		
RetailDeliveryReporting		R	

XML Instance Representation

```
<...>
  <Change> ... </Change> [1]
  <RetailDeliveryReporting> ... </RetailDeliveryReporting> [1..*]
</...>
```

CodeType

Unique code name

Name	CodeType
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
listID		O	
listName		O	
listAgencyID		O	

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
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]"  
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	

Change Retail Delivery Reporting

XML Instance Representation

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

ContactBase

Name	ContactBase
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Telephone	Contact telephone numbers	O	
EMailAddress	Contact Email addresses	O	
Fax	Contact Fax numbers	O	
PreferredContactMethod	Preferred contact method	O	
ContactTime	Preferred contact time (i.e. Best day/time to reach the contact.	O	
PrimaryContactInd	Indicates if contact is primary contact	O	Values: 0 - Not Primary Contact. 1 - Primary Contact.

XML Instance Representation

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

ContractDeductible

Change Retail Delivery Reporting

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

Amount of Contract Deductible

Name	ContractDeductible
Abstract	no

XML Instance Representation

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

ContractExpirationDistance

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

The odometer reading (distance) of the vehicle when the service contract expires.

Name	ContractExpirationDistance
Abstract	no

XML Instance Representation

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

ContractId

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

Identification of Contract

Name	ContractId
Abstract	no

Change Retail Delivery Reporting

XML Instance Representation

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

ContractInstallments

These field(s) use this type: ContractInstallments.

Number of months of payments (Ex: 1,5,11,17).

Name	ContractInstallments
Abstract	no

XML Instance Representation

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

ContractOptionDescription

These field(s) use this type: ContractOptionDescription.

Description of the plan option.

Name	ContractOptionDescription
Abstract	no

XML Instance Representation

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

ContractPlanDescription

Change Retail Delivery Reporting

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

Description of contract plan. Example: 36 MONTH/36000 MILE"

Name	ContractPlanDescription
Abstract	no

XML Instance Representation

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

ContractPlanOption

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

The Contract Plan Options.

Name	ContractPlanOption
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
ContractOptionStartDate	The date the contract option takes effect.	O	In YYYY-MM-DD format.
ContractOptionEndDate	The date the contract option expires.	O	In YYYY-MM-DD format.
ContractOptionCode	Unique Identifier for a Plan Option.	O	
ContractOptionDescription	Description of the plan option	O	
PlanOptionPrice	The suggested sale price of the plan option	O	

XML Instance Representation

Change Retail Delivery Reporting

```
<...>
  <ContractOptionStartDate> ContractOptionStartDate </ContractOptionStartDate> [0..1]
  <ContractOptionEndDate> ContractOptionEndDate </ContractOptionEndDate> [0..1]
  <ContractOptionCode> ContractOptionCode </ContractOptionCode> [0..1]
  <ContractOptionDescription> ContractOptionDescription </ContractOptionDescription> [0..1]
  <PlanOptionPrice> PlanOptionPrice </PlanOptionPrice> [0..1]
</...>
```

ContractStartMileage

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

Odometer reading when contract becomes effective

Name	ContractStartMileage
Abstract	no

XML Instance Representation

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

ContractTermMileage

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

Mileage allowed under terms of contract

Name	ContractTermMileage
Abstract	no

XML Instance Representation

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

Change Retail Delivery Reporting

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

Count

Simple quantity type with no attributes

Name	Count
Abstract	no

XML Instance Representation

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

Coupon

Name	Coupon
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
CouponId	Identification of Coupon dealership service application	O	
CouponDescription	Text identification of Coupon	O	
CouponDiscountAmount	Credit Price for coupons	O	
CouponComment	Comments associated with the coupon (e.g., Please rotate tire to front left).	O	

XML Instance Representation

```
<...>  
  <CouponId> CouponId </CouponId> [0..1]  
  <CouponDescription> CouponDescription </CouponDescription> [0..1]  
</...>
```

Change Retail Delivery Reporting

```
<CouponDiscountAmount> CouponDiscountAmount </CouponDiscountAmount> [0..1]
<CouponComment> CouponComment </CouponComment> [0..1]
</...>
```

CouponDescription

These field(s) use this type: CouponDescription.

Text identification of Coupon

Name	CouponDescription
Abstract	no

XML Instance Representation

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

CouponDiscountAmount

These field(s) use this type: CouponDiscountAmount.

Credit Price for coupons

Name	CouponDiscountAmount
Abstract	no

XML Instance Representation

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

CouponId

Change Retail Delivery Reporting

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

Identification of Coupon dealership service application

Name	CouponId
Abstract	no

XML Instance Representation

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

CreditContractCoupon

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

Name	CreditContractCoupon
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
CouponId	Identification of Coupon dealership service application	O	
CouponDescription	Text identification of Coupon	O	
CouponDiscountAmount	Credit Price for coupons	O	
CouponComment	Comments associated with the coupon (e.g., Please rotate tire to front left).	O	
DiscountPercentage	Percentage of discount.	O	

XML Instance Representation

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


Change Retail Delivery Reporting

```
<CouponDescription> CouponDescription </CouponDescription> [0..1]
<CouponDiscountAmount> CouponDiscountAmount </CouponDiscountAmount> [0..1]
<CouponComment> CouponComment </CouponComment> [0..1]
<DiscountPercentage> DiscountPercentage </DiscountPercentage> [0..1]
</...>
```

DealerExtendedAddress

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	
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]
</...>
```

Change Retail Delivery Reporting

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]
  <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

Change Retail Delivery Reporting

XML Instance Representation

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

DemoCount

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

Number of times vehicle was driven as a demo.

Name	DemoCount
Abstract	no

XML Instance Representation

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

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

```
<...
```

Change Retail Delivery Reporting

```
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	

Change Retail Delivery Reporting

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]
</...>
```

DiscountPercentage

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

Percentage of discount.

Name	DiscountPercentage
Abstract	no

XML Instance Representation

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

Change Retail Delivery Reporting

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

DMSCustomerId

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

The DMS system assigned number associated with a customer entity

Name	DMSCustomerId
Abstract	no

XML Instance Representation

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

DocumentId

These field(s) use this type: DocumentId.

Is the identifier for the document.

Name	DocumentId
Abstract	no

XML Instance Representation

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

DoorsQuantity

These field(s) use this type: DoorsQuantity.

Number of doors on vehicle

Name	DoorsQuantity
-------------	---------------

Change Retail Delivery Reporting

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

XML Instance Representation

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

DownPaymentAmount

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

Down Payment amount or amount of cap cost reduction.

Name	DownPaymentAmount
Abstract	no

XML Instance Representation

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

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
```

Change Retail Delivery Reporting

</...>

ExpandedOption

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

Name	ExpandedOption
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	
OptionPrice	Price of Vehicle Option	O	
OptionSecurityCode	Security code to unlock option. (i.e, radio code)n	O	
ManufacturerInstalledInd	Indicates manufacturer-installed accessories	O	
OptionCost	Actual Dealer cost of option	O	
OptionMSRP	Option MSRP	O	
OptionOrigin	Identifies the option installer	O	
OptionSerialNumber	Serial number of Option	O	
ItemId	Part number identifier of Option	O	
PartType	Specifies whether the parts are indicated by manufacturer part code or Part Number	O	
OptionNotes	Free form text related to option	O	

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
DealerInstallationInd	Dealer installed accessories, before delivery of vehicle - Could be used for new or used vehicle, if applicable	O	
MiscellaneousCode	Miscellaneous codes relating to vehicle (i.e., sales codes)	O	May occur multiple times.
OptionPackageId	Option package number or identifier used as a method for grouping option package items from manufacturer(s) Ex: OptPkg1,cost,OptPkg1; Item1,nocost,OptPkg1; Item2,nocost,Optpkg1; Item3,cost,nullOptPkg; OptPkg2,cost,Optpkg2; Item5,nocost,OptPkg2Ã#Â¢Ã#Â¢Ã#Â¢	O	
OptionSalesCode	Further definition of accessories and option packages - Indicates whether O ordered option, special package, standard, etc.	O	
PortInstalledInd	Indicates Port-installed accessories	O	

XML Instance Representation

```

<...>
  <OptionType> OptionType </OptionType> [0..1]
  <OptionName> OptionName </OptionName> [0..1]
  <OptionStockNumber> OptionStockNumber </OptionStockNumber> [0..1]
  <Manufacturer> Manufacturer </Manufacturer> [0..1]
  <OptionPrice> OptionPrice </OptionPrice> [0..1]
  <OptionSecurityCode> OptionSecurityCode </OptionSecurityCode> [0..1]
  <ManufacturerInstalledInd> ManufacturerInstalledInd </ManufacturerInstalledInd> [0..1]
  <OptionCost> OptionCost </OptionCost> [0..1]
  <OptionMSRP> OptionMSRP </OptionMSRP> [0..1]
  <OptionOrigin> OptionOrigin </OptionOrigin> [0..1]
  <OptionSerialNumber> OptionSerialNumber </OptionSerialNumber> [0..1]
  <ItemId> ItemId </ItemId> [0..1]
  <PartType> PartType </PartType> [0..1]
  <OptionNotes> OptionNotes </OptionNotes> [0..1]
  <DealerInstallationInd> DealerInstallationInd </DealerInstallationInd> [0..1]
  <MiscellaneousCode> MiscellaneousCode </MiscellaneousCode> [0..*]
  <OptionPackageId> OptionPackageId </OptionPackageId> [0..1]
  <OptionSalesCode> OptionSalesCode </OptionSalesCode> [0..1]
  <PortInstalledInd> PortInstalledInd </PortInstalledInd> [0..1]

```

Change Retail Delivery Reporting

</...>

ExpandedVehicle

Name ExpandedVehicle

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	Values on uom attribute: K - Kilometers, M - Miles
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	

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
InteriorColor	Vehicle Interior Color(s)	O	May occur multiple times.
ExteriorColor	Vehicle Exterior Color(s)	O	May occur multiple times.
TransmissionType	Vehicle Transmission type	O	Values: 3 - 3 speed, 4 - 4 speed, 5 - 5 speed, 6 - 6 speed, A - Automatic
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	Values: 0 - Created fo US Sale. 1 - Created for sale outside of the US.
VehicleDemoInd	Indicates whether vehicle was ever a demo	O	Values: 0 - Was or is not a demo. 1 - Was or is a demo.
LicenseNumber	State License plate number of vehicle	O	
BrandedInfo	Vehicle Branding Information	O	
RestrictionInd	Indication that vehicle has restrictions on its use	O	Values: 1 - Yes, 0 - No.
RestrictionDescription	Description of vehicle use restrictions	O	
TelematicsServiceInd	Indication whether Telematics Service Subscription is turned on	O	
Option	Vehicle Options	O	
TransmissionCode	Transmission Serial Number	O	
DeliveryDate	The date of original retail vehicle sale	O	In YYYY-MM-DD format.
EngineNumber	Serial number of the engine if vehicle not made for US sale	O	
IgnitionKeyNumber	Vehicle Ignition Key Number	O	
AxleCode	The code on the axle of the vehicle.	O	

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
FleetAccount	Manufacturer defined fleet account number	O	
FleetVehicleId	Uniquely identifies the vehicle as part of a fleet company	O	
FleetPurchaseOrderNumber	Fleet Purchase Order Number vehicle was purchased under	O	
DoorKeyNumber	Door key number	O	
VehicleWeight	Vehicle weight	O	
ExteriorColorCode	Vehicle exterior color code	O	
InteriorColorCode	Vehicle Interior color 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]
  <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]

```

Change Retail Delivery Reporting

```
<BrandedInfo> BrandedInfo </BrandedInfo> [0..1]
<RestrictionInd> RestrictionInd </RestrictionInd> [0..1]
<RestrictionDescription> RestrictionDescription </RestrictionDescription> [0..1]
<TelematicsServiceInd> TelematicsServiceInd </TelematicsServiceInd> [0..1]
<Option> ExpandedOption </Option> [0..*]
<TransmissionCode> TransmissionCode </TransmissionCode> [0..1]
<DeliveryDate> DeliveryDate </DeliveryDate> [0..1]
<EngineNumber> EngineNumber </EngineNumber> [0..1]
<IgnitionKeyNumber> IgnitionKeyNumber </IgnitionKeyNumber> [0..1]
<AxleCode> AxleCode </AxleCode> [0..1]
<FleetAccount> FleetAccount </FleetAccount> [0..1]
<FleetVehicleId> FleetVehicleId </FleetVehicleId> [0..1]
<FleetPurchaseOrderNumber> FleetPurchaseOrderNumber </FleetPurchaseOrderNumber> [0..1]
<DoorKeyNumber> DoorKeyNumber </DoorKeyNumber> [0..1]
<VehicleWeight> VehicleWeight </VehicleWeight> [0..1]
<ExteriorColorCode> ExteriorColorCode </ExteriorColorCode> [0..*]
<InteriorColorCode> InteriorColorCode </InteriorColorCode> [0..*]
</...>
```

FinalAmount

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

Last month payment amount

Name	FinalAmount
Abstract	no

XML Instance Representation

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

FinancePlan

Change Retail Delivery Reporting

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

Description of standard finance plan applied to deal.

Name	FinancePlan
Abstract	no

XML Instance Representation

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

FleetVehicleId

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

Uniquely identifies the vehicle as part of a fleet company

Name	FleetVehicleId
Abstract	no

XML Instance Representation

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

FullServiceContract

Name	FullServiceContract
Abstract	no

Data Elements and Components

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
ContractCompanyName	Service contract company name	O	
ContractId	Identification of Service Contract	O	
ContractPlanCode	Service Contract Plan Code	O	
ContractType	Service contract type and/or area of coverage	O	Examples: Aftermarket; OEM Prepaid
ContractPlanDescription	Description of service plan. Example: 36 MONTH/36000 MILE"	O	
Term	Number of months in contract plan	O	'length' attribute needs to be Months.
ContractStartDate	Service Contract sale Date	O	In YYYY-MM-DD format.
ContractDeductible	Amount of Deductible at time of service Eg:\$50.00	O	
ContractExpirationDate	Date the Service contract expires	O	In YYYY-MM-DD format.
ContractStartMileage	Odometer reading when contract becomes effective	O	Values on uom attribute: K - Kilometers, M - Miles.
ContractTermMileage	Mileage allowed under terms of service contract	O	Values on uom attribute: K - Kilometers, M - Miles
ContractOwnerName	Name on service Contract (i.e., full name - First Last)	O	Format should be 'First Last' with no commas between first and last.
InsuranceCompanyName	Memo Field for carrier covering extended service contract	O	
TotalContractAmount	Total amount of the service contract.	O	
ContractNote	Free form comments that relate to the contract	O	
ContractEffectiveDate	Start Date of Service Contract	O	In YYYY-MM-DD format.
ContractPlanStates	States where the plan is valid	O	May occur multiple times.

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
ContractTransferInd	Indicates if the contract is transferable	O	Values: 1 - Yes, 0 - No.
ContractTransferredInd	Indicates if the contract has been transferred	O	Values: 1 - Yes, 0 - No.
ContractTripInterruptInd	Indicates if the contract allows for trip interruption	O	
LoanerVehicleInd	Service contract loaner vehicle indicator	O	
RoadsideAssistanceInd	Indicates whether coverage includes roadside assistance	O	Values: 1 - Yes, 0 - No.
RoadHazardInd	Indicates whether Roadside hazard is covered in the contract	O	Values: 1 - Yes, 0 - No.
FirstDayRentalInd	If first day rental for service is covered in contract	O	Values: 1 - Yes, 0 - No.
RentalAllowance	Limit for Rental Allowance per day	O	
MaximumRentalAmount	Max Rental Allowance per occurrence	O	
TowingAllowance	Amount allowed for towing of RENTAL car	O	

XML Instance Representation

```

<...>
  <ContractCompanyName> ContractCompanyName </ContractCompanyName> [0..1]
  <ContractId> ContractId </ContractId> [0..1]
  <ContractPlanCode> ContractPlanCode </ContractPlanCode> [0..1]
  <ContractType> ContractType </ContractType> [0..1]
  <ContractPlanDescription> ContractPlanDescription </ContractPlanDescription> [0..1]
  <Term> Term </Term> [0..1]
  <ContractStartDate> ContractStartDate </ContractStartDate> [0..1]
  <ContractDeductible> ContractDeductible </ContractDeductible> [0..1]
  <ContractExpirationDate> ContractExpirationDate </ContractExpirationDate> [0..1]
  <ContractStartMileage> ContractStartMileage </ContractStartMileage> [0..1]
  <ContractTermMileage> ContractTermMileage </ContractTermMileage> [0..1]
  <ContractOwnerName> ContractOwnerName </ContractOwnerName> [0..1]
  <InsuranceCompanyName> InsuranceCompanyName </InsuranceCompanyName> [0..1]

```


Change Retail Delivery Reporting

```
<TotalContractAmount> TotalContractAmount </TotalContractAmount> [0..1]
<ContractNote> ContractNote </ContractNote> [0..1]
<ContractEffectiveDate> ContractEffectiveDate </ContractEffectiveDate> [0..1]
<ContractPlanStates> ContractPlanStates </ContractPlanStates> [0..*]
<ContractTransferInd> ContractTransferInd </ContractTransferInd> [0..1]
<ContractTransferredInd> ContractTransferredInd </ContractTransferredInd> [0..1]
<ContractTripInterruptInd> ContractTripInterruptInd </ContractTripInterruptInd> [0..1]
<LoanerVehicleInd> LoanerVehicleInd </LoanerVehicleInd> [0..1]
<RoadsideAssistanceInd> RoadsideAssistanceInd </RoadsideAssistanceInd> [0..1]
<RoadHazardInd> RoadHazardInd </RoadHazardInd> [0..1]
<FirstDayRentalInd> FirstDayRentalInd </FirstDayRentalInd> [0..1]
<RentalAllowance> RentalAllowance </RentalAllowance> [0..1]
<MaximumRentalAmount> MaximumRentalAmount </MaximumRentalAmount> [0..1]
<TowingAllowance> TowingAllowance </TowingAllowance> [0..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	

Change Retail Delivery Reporting

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,Id.**

Party Identification number

Name	Id
Abstract	no

XML Instance Representation

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

IncentivesForCashCustomerAmt

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

Incentives available to ONLY cash customers.

Name	IncentivesForCashCustomerAmt
Abstract	no

XML Instance Representation

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

Change Retail Delivery Reporting

IndividualBuyerParty

These field(s) use this type: IndividualCo-Buyer,PrimaryDriver,SecondaryDriver.

Name	IndividualBuyerParty
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
AlternatePartyIds	Individual party alternate party Identification	O	
PersonName	Individual party name	O	
Address	Individual party address	O	
Contact	Individual party contact information	O	
RelationshipCode	Indicates the Business Party's relationship to the primary Party (e.g., mother, father, husband, etc.)	O	
Demographics	Individual party demographic information	O	
MarketingMailInd	Indicates customers whom have requested no marketing mail	O	Values: 0 - Cannot send mail. 1 - Can send mail.
PrimaryDriverInd	Identifies customer as primary driver	O	Values: 1 - Primary Driver. 0 - Not Primary Driver.
DriverAction	Driver action (Ex: Drop-Off, Pick-Up, etc)	O	Service action related to this RO (Ex: Drop-Off, Pick-Up, etc)
Privacy	Individual Privacy options	O	
DMSCustomerId	The DMS system assigned number associated with a customer entity	O	

Change Retail Delivery Reporting

XML Instance Representation

```
<...>
  <PartyId> PartyId </PartyId> [0..1]
  <AlternatePartyIds> IndividualPartyAlternatePartyId </AlternatePartyIds> [0..*]
  <PersonName> IndividualPartyPersonName </PersonName> [0..1]
  <Address> IndividualPartyAddress </Address> [0..*]
  <Contact> IndividualPartyContact </Contact> [0..1]
  <RelationshipCode> RelationshipCode </RelationshipCode> [0..1]
  <Demographics> BuyerDemographics </Demographics> [0..1]
  <MarketingMailInd> MarketingMailInd </MarketingMailInd> [0..1]
  <PrimaryDriverInd> PrimaryDriverInd </PrimaryDriverInd> [0..1]
  <DriverAction> DriverAction </DriverAction> [0..1]
  <Privacy> Privacy </Privacy> [0..*]
  <DMSCustomerId> DMSCustomerId </DMSCustomerId> [0..1]
</...>
```

IndividualBuyerPartyExtended

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

Name	IndividualBuyerPartyExtended
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
AlternatePartyIds	Individual party alternate party Identification	O	
PersonName	Individual party name	O	
Address	Individual party address	O	
Contact	Individual party contact information	O	
RelationshipCode	Indicates the Business Party's relationship to the primary Party (e.g., mother, father, husband, etc.)	O	

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
Demographics	Individual party demographic information	O	
MarketingMailInd	Indicates customers whom have requested no marketing mail	O	Values: 0 - Cannot send mail. 1 - Can send mail.
PrimaryDriverInd	Identifies customer as primary driver	O	Values: 1 - Primary Driver. 0 - Not Primary Driver.
DriverAction	Driver action (Ex: Drop-Off, Pick-Up, etc)	O	Service action related to this RO (Ex: Drop-Off, Pick-Up, etc)
Privacy	Individual Privacy options	O	
DMSCustomerId	The DMS system assigned number associated with a customer entity	O	
AuthorizationNumber	Buyers are assigned an Authorization Number if employee purchase or preferred vendor	O	

XML Instance Representation

```

<...>
  <PartyId> PartyId </PartyId> [0..1]
  <AlternatePartyIds> IndividualPartyAlternatePartyId </AlternatePartyIds> [0..*]
  <PersonName> IndividualPartyPersonName </PersonName> [0..1]
  <Address> IndividualPartyAddress </Address> [0..*]
  <Contact> IndividualPartyContact </Contact> [0..1]
  <RelationshipCode> RelationshipCode </RelationshipCode> [0..1]
  <Demographics> BuyerDemographics </Demographics> [0..1]
  <MarketingMailInd> MarketingMailInd </MarketingMailInd> [0..1]
  <PrimaryDriverInd> PrimaryDriverInd </PrimaryDriverInd> [0..1]
  <DriverAction> DriverAction </DriverAction> [0..1]
  <Privacy> Privacy </Privacy> [0..*]
  <DMSCustomerId> DMSCustomerId </DMSCustomerId> [0..1]
  <AuthorizationNumber> AuthorizationNumber </AuthorizationNumber> [0..1]
</...>

```

Change Retail Delivery Reporting

IndividualOwnerParty

Name	IndividualOwnerParty
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
AlternatePartyIds	Individual party alternate party Identification	O	
PersonName	Individual party name	O	
Address	Individual party address	O	
Contact	Individual party contact information	O	
RelationshipCode	Indicates the Business Party's relationship to the primary Party (e.g., mother, father, husband, etc.)	O	

XML Instance Representation

```
<...>
  <PartyId> PartyId </PartyId> [0..1]
  <AlternatePartyIds> IndividualPartyAlternatePartyId </AlternatePartyIds> [0..*]
  <PersonName> IndividualPartyPersonName </PersonName> [0..1]
  <Address> IndividualPartyAddress </Address> [0..*]
  <Contact> IndividualPartyContact </Contact> [0..1]
  <RelationshipCode> RelationshipCode </RelationshipCode> [0..1]
</...>
```

IndividualPartyAddress

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

Name	IndividualPartyAddress
------	------------------------

Change Retail Delivery Reporting

Abstract no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
AddressLine	Indicates the multiple lines of an address. The first line is typically the street name and number.	R	
City	Is the City of the Address.	R	
County	County in which the Address is in.	O	
StateOrProvince	Is the State or Province of a given Address.	R	
Country	Country in which the Address is in.	R	
PostalCode	Postal Code of the Address.	R	
UrbanizationCode	Geographic definition of a metropolitan or suburban area	O	

XML Instance Representation

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

IndividualPartyAlternatePartyId

These field(s) use this type: AlternatePartyIds.

Name IndividualPartyAlternatePartyId

Change Retail Delivery Reporting

Abstract no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Id	Alternate Party Identification	R	
AssigningPartyId	Agency or entity that validates the Party Id	R	
IssuingState	Indicates that State where the license was issued.	O	
ExpirationDate	Expiration date of the alternate party id (e.g., Driver's License expiration date).	O	

XML Instance Representation

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

IndividualPartyBase

Name IndividualPartyBase

Abstract no

Data Elements and Components

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

Change Retail Delivery Reporting

XML Instance Representation

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

IndividualPartyContact

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

Name	IndividualPartyContact
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Telephone	Contact telephone numbers	O	
EmailAddress	Contact Email addresses	O	
Fax	Contact Fax numbers	O	
PreferredContactMethod	Preferred contact method	O	
ContactTime	Preferred contact time (i.e. Best day/time to reach the contact.	O	
PrimaryContactInd	Indicates if contact is primary contact	O	Values: 0 - Not Primary Contact. 1 - Primary Contact.
PersonName	Contact name	O	

XML Instance Representation

```
<...>
  <Telephone> IndividualPartyContactTelephoneNumber </Telephone> [0..*]
</...>
```

Change Retail Delivery Reporting

```
<EmailAddress> IndividualPartyContactEMail </EmailAddress> [0..*]  
<Fax> IndividualPartyContactFax </Fax> [0..*]  
<PreferredContactMethod> PreferredContactMethod </PreferredContactMethod> [0..1]  
<ContactTime> ContactTime </ContactTime> [0..1]  
<PrimaryContactInd> PrimaryContactInd </PrimaryContactInd> [0..1]  
<PersonName> IndividualPartyPersonName </PersonName> [0..1]  
</...>
```

IndividualPartyContactEMail

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

Individual Party email

Name	IndividualPartyContactEMail
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
desc		R	

XML Instance Representation

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

IndividualPartyContactFax

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

Individual Party Fax number

Name	IndividualPartyContactFax
-------------	---------------------------

Change Retail Delivery Reporting

Abstract no

Attributes

Field / Component	Description	R/O	Business Rule
desc		R	

XML Instance Representation

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

IndividualPartyContactTelephoneNumber

These field(s) use this type: Telephone.

IndividualParty telephone number

Name IndividualPartyContactTelephoneNumber

Abstract no

Attributes

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

XML Instance Representation

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

Change Retail Delivery Reporting

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

IndividualPartyPersonName

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

Name	IndividualPartyPersonName
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	
SortName	Index name used as a sort for report purposes	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]
  <SortName> SortName </SortName> [0..1]
</...>
```

Change Retail Delivery Reporting

InitiativeId

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

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

Name	InitiativeId
Abstract	no

XML Instance Representation

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

ItemId

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

Item part number

Name	ItemId
Abstract	no

XML Instance Representation

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

LienholderParty

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

Name	LienholderParty
Abstract	no

Change Retail Delivery Reporting

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
AlternatePartyIds	Alternate organizational party Identification	O	Values: LegalId, NationalId, DUNS, Other
Name	Company name of organizational party	O	
Address	Organizational Party address	O	
DBAName	Doing Business As name.	O	

XML Instance Representation

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

LocationId

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

Code identifying a physical location

Name	LocationId
Abstract	no

XML Instance Representation

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

Change Retail Delivery Reporting

MarketingInitiatives

These field(s) use this type: MarketingInitiatives.

Name	MarketingInitiatives
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
InitiativeType	Type of program - Incentive or program related initiatives	O	
InitiativeId	Initiative Identification (i.e., Manufacturer incentive reimbursement program identification or dealer offerings)	O	
ReimbursementId	Reimbursement certificate or coupon identification	O	May occur multiple times.
ReimbursementComment	Reimbursement dealer comments	O	
ReimbursementAmount	Amount returned to payee	O	
ReimbursementPayee	Indicates who is paid - It can be either a code (D - Dealer or C - Customer) or the recipient name of reimbursement	O	
FleetAccount	Manufacturer Fleet number	O	
InitiativeDate	The date the initiative was processed.	O	
DemoCount	Number of times vehicle was driven as a demo	O	

XML Instance Representation

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

Change Retail Delivery Reporting

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

MaximumRentalAmount

These field(s) use this type: MaximumRentalAmount.

Max Rental Allowance per occurrence

Name	MaximumRentalAmount
Abstract	no

XML Instance Representation

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

Measurement

Decimal measurement

Name	Measurement
Abstract	no

XML Instance Representation

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

Mileage

Mileage definition

Change Retail Delivery Reporting

Name	Mileage
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
uom		O	

XML Instance Representation

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

NetAnnualPercentageRate

These field(s) use this type: NetAnnualPercentageRate.

The rate charged to the dealer

Name	NetAnnualPercentageRate
Abstract	no

XML Instance Representation

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

NewFinancing

Name	NewFinancing
Abstract	no

Change Retail Delivery Reporting

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	Values: 0 - Not Pre-Approved. 1 - Pre-Approved.
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]

```

Change Retail Delivery Reporting

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

Option

Name	Option
Abstract	no

Data Elements and Components

Change Retail Delivery Reporting

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	
OptionPrice	Price 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]
  <OptionPrice> OptionPrice </OptionPrice> [0..1]
</...>
```

OptionBase

Name	OptionBase
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	

Change Retail Delivery Reporting

XML Instance Representation

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

OptionCost

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

Actual Dealer cost of option

Name	OptionCost
Abstract	no

XML Instance Representation

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

OptionMSRP

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

Option MSRP

Name	OptionMSRP
Abstract	no

XML Instance Representation

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

Change Retail Delivery Reporting

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

OptionPackageId

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

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

Name	OptionPackageId
Abstract	no

XML Instance Representation

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

OptionPrice

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

Price of Vehicle Option

Name	OptionPrice
Abstract	no

XML Instance Representation

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

OptionType

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

Change Retail Delivery Reporting

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

OrganizationAddress

These field(s) use this type: Address,Address,Address,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	

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
PostalCode	Postal Code of the Address.	R	
UrbanizationCode	Geographic definition of a metropolitan or suburban area	O	

XML Instance Representation

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

OrganizationalBuyerParty

These field(s) use this type: **OrganizationalCo-Buyer**.

Name	OrganizationalBuyerParty
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
AlternatePartyIds	Alternate organizational party Identification	O	Values: LegalId, NationalId, DUNS, Other
Name	Company name of organizational party	O	
Address	Organizational Party address	O	
DBAName	Doing Business As name.	O	

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
Contact	Organizational Party contact information	O	
RelationshipCode	Indicates the Business Party's relationship to the primary Party (e.g., mother, father, husband, etc.)	O	
MarketingMailInd	Indicates customers whom have requested no marketing mail	O	
PrimaryDriverInd	Identifies customer as primary driver	O	
DriverAction	Driver action (Ex: Drop-Off, Pick-Up, etc)	O	
Privacy	Organization privacy options	O	
DMSCustomerId	The DMS system assigned number associated with a customer entity	O	

XML Instance Representation

```
<...>
  <PartyId> PartyId </PartyId> [0..1]
  <AlternatePartyIds> OrganizationalPartyAlternatePartyId </AlternatePartyIds> [0..*]
  <Name> CompanyName </Name> [0..1]
  <Address> OrganizationAddress </Address> [0..1]
  <DBAName> DBAName </DBAName> [0..1]
  <Contact> OrganizationContactExtended </Contact> [0..1]
  <RelationshipCode> RelationshipCode </RelationshipCode> [0..1]
  <MarketingMailInd> MarketingMailInd </MarketingMailInd> [0..1]
  <PrimaryDriverInd> PrimaryDriverInd </PrimaryDriverInd> [0..1]
  <DriverAction> DriverAction </DriverAction> [0..1]
  <Privacy> Privacy </Privacy> [0..*]
  <DMSCustomerId> DMSCustomerId </DMSCustomerId> [0..1]
</...>
```

OrganizationalBuyerPartyExtended

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

Name	OrganizationalBuyerPartyExtended
-------------	---

Change Retail Delivery Reporting

Abstract

no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
AlternatePartyIds	Alternate organizational party Identification	O	Values: LegalId, NationalId, DUNS, Other
Name	Company name of organizational party	O	
Address	Organizational Party address	O	
DBAName	Doing Business As name.	O	
Contact	Organizational Party contact information	O	
RelationshipCode	Indicates the Business Party's relationship to the primary Party (e.g., mother, father, husband, etc.)	O	
MarketingMailInd	Indicates customers whom have requested no marketing mail	O	
PrimaryDriverInd	Identifies customer as primary driver	O	
DriverAction	Driver action (Ex: Drop-Off, Pick-Up, etc)	O	
Privacy	Organization privacy options	O	
DMSCustomerId	The DMS system assigned number associated with a customer entity	O	
AuthorizationNumber	Buyers are assigned an Authorization Number if employee purchase or preferred vendor	O	

XML Instance Representation

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

Change Retail Delivery Reporting

```
<DBAName> DBAName </DBAName> [0..1]
<Contact> OrganizationContactExtended </Contact> [0..1]
<RelationshipCode> RelationshipCode </RelationshipCode> [0..1]
<MarketingMailInd> MarketingMailInd </MarketingMailInd> [0..1]
<PrimaryDriverInd> PrimaryDriverInd </PrimaryDriverInd> [0..1]
<DriverAction> DriverAction </DriverAction> [0..1]
<Privacy> Privacy </Privacy> [0..*]
<DMSCustomerId> DMSCustomerId </DMSCustomerId> [0..1]
<AuthorizationNumber> AuthorizationNumber </AuthorizationNumber> [0..1]
</...>
```

OrganizationalOwnerParty

Name	OrganizationalOwnerParty
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
AlternatePartyIds	Alternate organizational party Identification	O	Values: LegalId, NationalId, DUNS, Other
Name	Company name of organizational party	O	
Address	Organizational Party address	O	
DBAName	Doing Business As name.	O	
Contact	Organizational Party contact information	O	
RelationshipCode	Indicates the Business Party's relationship to the primary Party (e.g., mother, father, husband, etc.)	O	

XML Instance Representation

Change Retail Delivery Reporting

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

OrganizationalOwnerPartyExtended

Name	OrganizationalOwnerPartyExtended
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
AlternatePartyIds	Alternate organizational party Identification	O	Values: LegalId, NationalId, DUNS, Other
Name	Company name of organizational party	O	
Address	Organizational Party address	O	
DBAName	Doing Business As name.	O	
Contact	Organizational Party contact information	O	
RelationshipCode	Indicates the Business Party's relationship to the primary Party (e.g., mother, father, husband, etc.)	O	
MarketingMailInd	Indicates customers whom have requested no marketing mail	O	
PrimaryDriverInd	Identifies customer as primary driver	O	

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
DriverAction	Driver action (Ex: Drop-Off, Pick-Up, etc)	O	

XML Instance Representation

```
<...>
  <PartyId> PartyId </PartyId> [0..1]
  <AlternatePartyIds> OrganizationalPartyAlternatePartyId </AlternatePartyIds> [0..*]
  <Name> CompanyName </Name> [0..1]
  <Address> OrganizationAddress </Address> [0..1]
  <DBAName> DBAName </DBAName> [0..1]
  <Contact> OrganizationContactExtended </Contact> [0..1]
  <RelationshipCode> RelationshipCode </RelationshipCode> [0..1]
  <MarketingMailInd> MarketingMailInd </MarketingMailInd> [0..1]
  <PrimaryDriverInd> PrimaryDriverInd </PrimaryDriverInd> [0..1]
  <DriverAction> DriverAction </DriverAction> [0..1]
</...>
```

OrganizationalPartyAlternatePartyId

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

Name	OrganizationalPartyAlternatePartyId
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Id	Alternate Party Identification	R	
AssigningPartyId	Agency or entity that validates the Party Id	R	
IssuingState	Indicates that State where the license was issued.	O	
ExpirationDate	Expiration date of the alternate party id (e.g., Driver's License expiration date).	O	In YYYY-MM-DD format.

Change Retail Delivery Reporting

XML Instance Representation

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

OrganizationContact

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

Name	OrganizationContact
Abstract	no

Data Elements and Components

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

XML Instance Representation

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

Change Retail Delivery Reporting

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

OrganizationContactExtended

These field(s) use this type: Contact.

Name	OrganizationContactExtended
Abstract	no

Data Elements and Components

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

XML Instance Representation

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

Change Retail Delivery Reporting

OrganizationContactPersonName

These field(s) use this type: PersonName.

Derived from oa:PersonName

Name	OrganizationContactPersonName
Abstract	no

Data Elements and Components

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

XML Instance Representation

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

OrganizationPartyBase

Name	OrganizationPartyBase
Abstract	no

Data Elements and Components

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
AlternatePartyIds	Alternate organizational party Identification	O	Values: LegalId, NationalId, DUNS, Other
Name	Company name of organizational party	O	
Address	Organizational Party address	O	
DBAName	Doing Business As name.	O	

XML Instance Representation

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

OrganizationPartyEmail

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

Organization email

Name	OrganizationPartyEmail
Abstract	no

XML Instance Representation

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

OrganizationPartyFax

Change Retail Delivery Reporting

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

OrganizationFax number

Name	OrganizationPartyFax
Abstract	no

XML Instance Representation

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

OrganizationPartyTelephone

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

OrganizationParty telephone number

Name	OrganizationPartyTelephone
Abstract	no

Attributes

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

XML Instance Representation

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

Change Retail Delivery Reporting

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
</...>
```

PaymentAmount

These field(s) use this type: PaymentAmount.

Change Retail Delivery Reporting

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  
</...>
```

PlanBasePrice

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

The base cost on the contract without options.

Name	PlanBasePrice
Abstract	no

XML Instance Representation

```
<...>
```

Change Retail Delivery Reporting

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

PlanOptionPrice

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

The suggested sale price of the plan option.

Name	PlanOptionPrice
Abstract	no

XML Instance Representation

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

Privacy

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

Name	Privacy
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PrivacyInd	Indicator to note that Business Party has requested to share or to not share information with third parties	O	Values: 1 - Can share information with third parties. 0 - Cannot share information with third parties. Values: 0 - Cannot share information with third parties. 1 - Can share information with third parties.

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
PrivacyType	Code identifying a Party's authorized privacy rights. (i.e., Financial, Demographics, etc.)	O	

XML Instance Representation

```
<...>  
  <PrivacyInd> PrivacyInd </PrivacyInd> [0..1]  
  <PrivacyType> PrivacyType </PrivacyType> [0..1]  
</...>
```

ProgramsAndRates

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

Name	ProgramsAndRates
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
NetAnnualPercentageRate	The rate charged to the dealer	O	
SubventionCode	Identifies a subvention program.	O	
BalloonResidualPercentage	The estimated percent of value at contract end.	O	
BalloonResidualAmount	The estimated amount of the vehicle at contract end.	O	
SpecialPrograms	Code identifying the type of special program (First Time Buyer, College Graduate, etc.	O	
UpfrontMiles	The number of miles purchased at contract commencement	O	
UpfrontMileageRate	The amount charged for miles purchased upfront	O	
UpfrontMilesAmount	UpfrontMiles multiplied by the UpfrontMileageRate	O	
Coupon	Coupons associated with Programs and Rates	O	

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
FinalPaymentDate	Date that the final payment amount is due (e.g., Ballon, Fixed Value, Lease, etc.)	O	
ContractTermMileage	Mileage allowed under the terms of contract	O	
FinancePlan	Description of standard finance plan applied to deal.	O	
InitiativeId	Initiative Identification (i.e., Manufacturer incentive reimbursement program identification or dealer offerings)	O	
SpecialProgramDetail	Represents information related to the types of lending programs being applied to the deal. EX: College Graduate, 1st Time Buyer, Repeat Customer, Manufacturer Programs, etc.	O	
LeaseBuyMoneyFactor	Lease Rate/Service Factor offered to the dealer by Finance Source.	O	
LowMileageOption	Indicates whether a customer chooses low mileage.	O	
DiscountRate	The rate/service factor being discounted off the net lease rate due to lease being a single pay lease or some other special program.	O	
IncentivesForCashCustomerAmt	Incentives available to ONLY cash customers.	O	
OriginalLeaseRateMoneyFactor	The original lease factor before the discount rate for single payment.	O	
BaseInterestRate	The base interest rate before any pre-paid interest or additional costs of financing.	O	
PreApprovedProgramName	A text description of pre-approval codes.	O	

XML Instance Representation

```

<...>
  <NetAnnualPercentageRate> NetAnnualPercentageRate </NetAnnualPercentageRate> [0..1]
  <SubventionCode> SubventionCode </SubventionCode> [0..*]
  <BalloonResidualPercentage> BalloonResidualPercentage </BalloonResidualPercentage> [0..1]
  <BalloonResidualAmount> BalloonResidualAmount </BalloonResidualAmount> [0..1]
  <SpecialPrograms> SpecialPrograms </SpecialPrograms> [0..*]
  <UpfrontMiles> UpfrontMiles </UpfrontMiles> [0..1]
  <UpfrontMileageRate> UpfrontMileageRate </UpfrontMileageRate> [0..1]
  <UpfrontMilesAmount> UpfrontMilesAmount </UpfrontMilesAmount> [0..1]

```

Change Retail Delivery Reporting

```
<Coupon> CreditContractCoupon </Coupon> [0..*]  
<FinalPaymentDate> FinalPaymentDate </FinalPaymentDate> [0..1]  
<ContractTermMileage> ContractTermMileage </ContractTermMileage> [0..1]  
<FinancePlan> FinancePlan </FinancePlan> [0..*]  
<InitiativeId> InitiativeId </InitiativeId> [0..*]  
<SpecialProgramDetail> SpecialProgramDetail </SpecialProgramDetail> [0..*]  
<LeaseBuyMoneyFactor> LeaseBuyMoneyFactor </LeaseBuyMoneyFactor> [0..1]  
<LowMileageOption> LowMileageOption </LowMileageOption> [0..1]  
<DiscountRate> DiscountRate </DiscountRate> [0..1]  
<IncentivesForCashCustomerAmt> IncentivesForCashCustomerAmt </IncentivesForCashCustomerAmt> [0..1]  
<OriginalLeaseRateMoneyFactor> OriginalLeaseRateMoneyFactor </OriginalLeaseRateMoneyFactor> [0..1]  
<BaseInterestRate> BaseInterestRate </BaseInterestRate> [0..1]  
<PreApprovedProgramName> PreApprovedProgramName </PreApprovedProgramName> [0..1]  
</...>
```

PurchaseNetPrice

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

The total amount paid by the customer net of taxes.

Name	PurchaseNetPrice
Abstract	no

XML Instance Representation

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

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

Change Retail Delivery Reporting

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

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

Change Retail Delivery Reporting

XML Instance Representation

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

RDRDealerExtendedAddress

These field(s) use this type: TransferringDealer.

Name	RDRDealerExtendedAddress
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	
Address	Dealer party address	O	
MarketCode	A market code that designates the market area.	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]
```

Change Retail Delivery Reporting

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

RegistrationState

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

State or province of vehicle registration

Name	RegistrationState
Abstract	no

XML Instance Representation

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

ReimbursementAmount

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

Amount returned to payee

Name	ReimbursementAmount
Abstract	no

XML Instance Representation

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

ReimbursementId

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

Change Retail Delivery Reporting

Reimbursement certificate or coupon identification

Name	ReimbursementId
Abstract	no

XML Instance Representation

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

RentalAllowance

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

Limit for Rental Allowance per day

Name	RentalAllowance
Abstract	no

XML Instance Representation

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

ResidualAmount

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

Remaining residual on current vehicle

Name	ResidualAmount
Abstract	no

XML Instance Representation

Change Retail Delivery Reporting

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

RetailDeliveryReporting

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

STAR Version 3.0 - Draft

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

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

STAR Version 1.1 STAR approved 04/09/2003; OAGI approved 3/15/2003 effective date 07/04/2003

STAR Version 1.0 STAR approved 11/22/2002; OAGI reviewed 11/08/2002; effective date 01/01/2003

Name	RetailDeliveryReporting
Abstract	no

Data Elements and Components

Change Retail Delivery Reporting

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

XML Instance Representation

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

RetailDeliveryReportingHeader

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

Name	RetailDeliveryReportingHeader
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
DocumentDateTime	Is the date and time the document was last created. This is not the date and time that the BOD message instance was created.	O	DateTime fields must be formatted as XML Schema DateTimes in UTC/GMT format without offsets. 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	Dealer or DMS assigned deal number	O	
SalesDate	Date sales paperwork signed	O	In YYYY-MM-DD format.
DealerTransferDate	Date transferred to retailing dealer	O	In YYYY-MM-DD format.

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
AcquisitionMethod	Indicates the way the vehicle was acquired by retailer	O	
SaleCategory	Category of sale code - EX: Retail, Fleet, Lease, Demo, Transfer, Certified used, Used, Select, Export, etc.	O	
SaleSubCategory	Code to extend the category of sale - EX: Standard APR, Special APR, Standard Lease, Special Lease, etc	O	
TransferringDealer	business party (dealer) that is transferring the vehicle	O	
SalesPerson	SalesPerson(s) of the vehicle sale being reported	O	
SalesManager	Sales Manager of the vehicle sale being reported	O	
FIManager	F and I Manager of the vehicle sale being reported	O	
SellingSource	Code to determine source brand of sale (i.e., OEM division	O	
IndividualBuyer	Business Party who purchased the vehicle	O	
OrganizationalBuyer	Organizational Business Party who purchased the vehicle	O	
IndividualCo-Buyer	Business Party who co-purchased the vehicle	O	
OrganizationalCo-Buyer	rganizational Business Party who co-purchased the vehicle	O	
PrimaryDriver	Primary driver of vehicle	O	
SecondaryDriver	Secondary driver of vehicle	O	
Financing	information on the financing of the vehicle(s).	O	
TradeIn	information on the vehicle(s) Traded In	O	
LocationId	Code identifying the physical location of a dealer.	O	

XML Instance Representation

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

Change Retail Delivery Reporting

```
<DocumentId> DocumentId </DocumentId> [0..1]
<SalesDate> SalesDate </SalesDate> [0..1]
<DealerTransferDate> DealerTransferDate </DealerTransferDate> [0..1]
<AcquisitionMethod> AcquisitionMethod </AcquisitionMethod> [0..1]
<SaleCategory> SaleCategory </SaleCategory> [0..1]
<SaleSubCategory> SaleSubCategory </SaleSubCategory> [0..*]
<TransferringDealer> RDRDealerExtendedAddress </TransferringDealer> [0..1]
<SalesPerson> SalesPersonAddress </SalesPerson> [0..*]
<SalesManager> SalesPersonParty </SalesManager> [0..1]
<FIManager> SalesPersonParty </FIManager> [0..1]
<SellingSource> SellingSource </SellingSource> [0..1]
<IndividualBuyer> IndividualBuyerPartyExtended </IndividualBuyer> [0..1]
<OrganizationalBuyer> OrganizationalBuyerPartyExtended </OrganizationalBuyer> [0..1]
<IndividualCo-Buyer> IndividualBuyerParty </IndividualCo-Buyer> [0..*]
<OrganizationalCo-Buyer> OrganizationalBuyerParty </OrganizationalCo-Buyer> [0..*]
<PrimaryDriver> IndividualBuyerParty </PrimaryDriver> [0..1]
<SecondaryDriver> IndividualBuyerParty </SecondaryDriver> [0..*]
<Financing> SoldFinancing </Financing> [0..1]
<TradeIn> TradeIn </TradeIn> [0..*]
<LocationId> LocationId </LocationId> [0..1]
</...>
```

SalesPersonAddress

These field(s) use this type: SalesPerson.

Name	SalesPersonAddress
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
AlternatePartyIds	Social security number or other legal document Id of salesperson	O	

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
Name	Person's name	O	Name should be 'First Last' with no commas between first and last name.
Address	Organizational Party address	O	

XML Instance Representation

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

SalesPersonParty

These field(s) use this type: SalesManager,FIManager,ServiceContractSalesPerson.

Name	SalesPersonParty
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
AlternatePartyIds	Social security number or other legal document Id of salesperson	O	
Name	Person's name	O	Name should be 'First Last' with no commas between first and last name.

XML Instance Representation

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

Change Retail Delivery Reporting

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

SecondaryDealerNumber

These field(s) use this type: SecondaryDealerNumber.

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

Name	SecondaryDealerNumber
Abstract	no

XML Instance Representation

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

Sender

These field(s) use this type: Sender.

Name	Sender
Abstract	no

Data Elements and Components

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

XML Instance Representation

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

Change Retail Delivery Reporting

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

SenderBase

Name	SenderBase
Abstract	no

Data Elements and Components

Change Retail Delivery Reporting

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

XML Instance Representation

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

Change Retail Delivery Reporting

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

ServiceContractBase

Name	ServiceContractBase
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
ContractCompanyName	Service contract company name	O	
ContractId	Identification of Service Contract	O	
ContractPlanCode	Service Contract Plan Code	O	
ContractType	Service contract type and/or area of coverage	O	Examples: Aftermarket; OEM Prepaid
ContractPlanDescription	Description of service plan. Example: 36 MONTH/36000 MILE"	O	
Term	Number of months in contract plan	O	'length' attribute needs to be Months.
ContractStartDate	Service Contract sale Date	O	In YYYY-MM-DD format.
ContractDeductible	Amount of Deductible at time of service Eg:\$50.00	O	
ContractExpirationDate	Date the Service contract expires	O	In YYYY-MM-DD format.
ContractStartMileage	Odometer reading when contract becomes effective	O	Values on uom attribute: K - Kilometers, M - Miles.
ContractTermMileage	Mileage allowed under terms of service contract	O	Values on uom attribute: K - Kilometers, M - Miles

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
ContractOwnerName	Name on service Contract (i.e., full name - First Last)	O	Format should be 'First Last' with no commas between first and last.
InsuranceCompanyName	Memo Field for carrier covering extended service contract	O	
TotalContractAmount	Total amount of the service contract.	O	
ContractNote	Free form comments that relate to the contract	O	

XML Instance Representation

```
<...>
  <ContractCompanyName> ContractCompanyName </ContractCompanyName> [0..1]
  <ContractId> ContractId </ContractId> [0..1]
  <ContractPlanCode> ContractPlanCode </ContractPlanCode> [0..1]
  <ContractType> ContractType </ContractType> [0..1]
  <ContractPlanDescription> ContractPlanDescription </ContractPlanDescription> [0..1]
  <Term> Term </Term> [0..1]
  <ContractStartDate> ContractStartDate </ContractStartDate> [0..1]
  <ContractDeductible> ContractDeductible </ContractDeductible> [0..1]
  <ContractExpirationDate> ContractExpirationDate </ContractExpirationDate> [0..1]
  <ContractStartMileage> ContractStartMileage </ContractStartMileage> [0..1]
  <ContractTermMileage> ContractTermMileage </ContractTermMileage> [0..1]
  <ContractOwnerName> ContractOwnerName </ContractOwnerName> [0..1]
  <InsuranceCompanyName> InsuranceCompanyName </InsuranceCompanyName> [0..1]
  <TotalContractAmount> TotalContractAmount </TotalContractAmount> [0..1]
  <ContractNote> ContractNote </ContractNote> [0..1]
</...>
```

ServiceContractStatus

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

Status of the service contract

Name	ServiceContractStatus
------	-----------------------

Change Retail Delivery Reporting

Abstract no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
StatusType	Defines the type of status that occurred.	O	
StatusCode	A code identifying the reason for a status message.	O	
StatusText	Descriptive status text.	O	

XML Instance Representation

```
<...>
  <StatusType> StatusType </StatusType> [0..1]
  <StatusCode> StatusCode </StatusCode> [0..1]
  <StatusText> StatusText </StatusText> [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
</...>
```

ServiceTechnician

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

Change Retail Delivery Reporting

Name	ServiceTechnician
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
AlternatePartyIds	Social security number or other legal document Id of technician	O	Values: LegalId, NationalId, Other
TechnicianName	Name of technician assigned to RO	O	Should be in 'First Last' with no commas between first and last name.
TeamName	Team assigned to Repair Order	O	
TechnicianSkillArea	Type of training required to perform the labor operation	O	
TechnicianSkillLevel	Level of training required to perform the labor operation	O	

XML Instance Representation

```
<...>
  <PartyId> PartyId </PartyId> [0..1]
  <AlternatePartyIds> OrganizationalPartyAlternatePartyId </AlternatePartyIds> [0..*]
  <TechnicianName> TechnicianName </TechnicianName> [0..1]
  <TeamName> TeamName </TeamName> [0..1]
  <TechnicianSkillArea> TechnicianSkillArea </TechnicianSkillArea> [0..1]
  <TechnicianSkillLevel> TechnicianSkillLevel </TechnicianSkillLevel> [0..1]
</...>
```

Signature

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

Name	Signature
Abstract	no

Change Retail Delivery Reporting

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]  
</...>
```

SoldFinancing

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

Name	SoldFinancing
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	

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
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	O	
ApprovedInd	Approved Indicator	O	Values: 0 - Not Pre-Approved. 1 - Pre-Approved.
ApprovedAmount	Amount pre-approved	O	
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	Financing taxes	O	
ProgramsAndRates	Programs And Rates associated with Financing	O	
LienholderParty	Vehicle Lienholder	O	
Address	Finance organization address	O	
Contact	Finance organization contact information	O	

XML Instance Representation

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

Change Retail Delivery Reporting

```
<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]
<FleetAccount> FleetAccount </FleetAccount> [0..1]
<PromotionalRateInd> PromotionalRateInd </PromotionalRateInd> [0..1]
<Tax> Tax </Tax> [0..*]
<ProgramsAndRates> ProgramsAndRates </ProgramsAndRates> [0..*]
<LienholderParty> LienholderParty </LienholderParty> [0..*]
<Address> OrganizationAddress </Address> [0..1]
<Contact> OrganizationContact </Contact> [0..1]
</...>
```

SoldServiceContract

These field(s) use this type: ServiceContract.

Name	SoldServiceContract
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
ContractCompanyName	Service contract company name	O	

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
ContractId	Identification of Service Contract	O	
ContractPlanCode	Service Contract Plan Code	O	
ContractType	Service contract type and/or area of coverage	O	Examples: Aftermarket; OEM Prepaid
ContractPlanDescription	Description of service plan. Example: 36 MONTH/36000 MILE"	O	
Term	Number of months in contract plan	O	'length' attribute needs to be Months.
ContractStartDate	Service Contract sale Date	O	In YYYY-MM-DD format.
ContractDeductible	Amount of Deductible at time of service Eg:\$50.00	O	
ContractExpirationDate	Date the Service contract expires	O	In YYYY-MM-DD format.
ContractStartMileage	Odometer reading when contract becomes effective	O	Values on uom attribute: K - Kilometers, M - Miles.
ContractTermMileage	Mileage allowed under terms of service contract	O	Values on uom attribute: K - Kilometers, M - Miles
ContractOwnerName	Name on service Contract (i.e., full name - First Last)	O	Format should be 'First Last' with no commas between first and last.
InsuranceCompanyName	Memo Field for carrier covering extended service contract	O	
TotalContractAmount	Total amount of the service contract.	O	
ContractNote	Free form comments that relate to the contract	O	
ContractEffectiveDate	Start Date of Service Contract	O	In YYYY-MM-DD format.
ContractPlanStates	States where the plan is valid	O	May occur multiple times.
ContractTransferInd	Indicates if the contract is transferable	O	Values: 1 - Yes, 0 - No.

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
ContractTransferredInd	Indicates if the contract has been transferred	O	Values: 1 - Yes, 0 - No.
ContractTripInterruptInd	Indicates if the contract allows for trip interruption	O	
LoanerVehicleInd	Service contract loaner vehicle indicator	O	
RoadsideAssistanceInd	Indicates whether coverage includes roadside assistance	O	Values: 1 - Yes, 0 - No.
RoadHazardInd	Indicates whether Roadside hazard is covered in the contract	O	Values: 1 - Yes, 0 - No.
FirstDayRentalInd	If first day rental for service is covered in contract	O	Values: 1 - Yes, 0 - No.
RentalAllowance	Limit for Rental Allowance per day	O	
MaximumRentalAmount	Max Rental Allowance per occurrence	O	
TowingAllowance	Amount allowed for towing of RENTAL car	O	
ServiceContractSalesPerson	SalesPerson of the Service Contract	O	
CoverageCode	Identifies Service Contract coverage beyond plan code and contract type	O	
LienholderParty	Name of the organization with lien on vehicle	O	
NoChargeInd	Indicates customer was not charged for the service contract.	O	Values: 1 - Yes, 0 - No.
OriginalInServiceDate	The date a used vehicle went in service	O	In YYYY-MM-DD format.
ContractLienInd	Indicates the vehicle has a lien or the service contract was financed	O	
EmployeeDiscountInd	Indicates if this registration should apply OEM Employee discount	O	Values: 1 - Yes, 0 - No.
Tax	Tax calculations	O	
ContractLanguageCode	Language code indicating contract language. Contract language could be different from message language.	O	
DownPaymentAmount	Amount buyer puts down when purchasing contract.	O	

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
ContractInstallments	Number of months of payments (ex. 1, 5, 11, 17)	O	
PaymentMethod	Method of payment.	O	
ContractExpirationDistance	The odometer reading (distance) of the vehicle when the service contract expires.	O	Value on uom attribute: K - Kilometers, M - Miles.
ContractPlanOption	The contract plan options.	O	
PlanBasePrice	The base cost of the contract without options.	O	
TotalPlanOptionPrice	The sum of all Plan Option prices.	O	
PurchaseNetPrice	The total amount paid by the customer net of taxes.	O	
TotalDealerAmount	Total amount paid by the dealer to the external supplier including tax (i.e., dealer cost).	O	
ContractRegistrationDate	The day the contract is registered in the originating system. (Ex. The database system).	O	In YYYY-MM-DD format.
ServiceContractStatus	The status of the Service Contract.	O	

XML Instance Representation

```

<...>
  <ContractCompanyName> ContractCompanyName </ContractCompanyName> [0..1]
  <ContractId> ContractId </ContractId> [0..1]
  <ContractPlanCode> ContractPlanCode </ContractPlanCode> [0..1]
  <ContractType> ContractType </ContractType> [0..1]
  <ContractPlanDescription> ContractPlanDescription </ContractPlanDescription> [0..1]
  <Term> Term </Term> [0..1]
  <ContractStartDate> ContractStartDate </ContractStartDate> [0..1]
  <ContractDeductible> ContractDeductible </ContractDeductible> [0..1]
  <ContractExpirationDate> ContractExpirationDate </ContractExpirationDate> [0..1]
  <ContractStartMileage> ContractStartMileage </ContractStartMileage> [0..1]
  <ContractTermMileage> ContractTermMileage </ContractTermMileage> [0..1]
  <ContractOwnerName> ContractOwnerName </ContractOwnerName> [0..1]
  <InsuranceCompanyName> InsuranceCompanyName </InsuranceCompanyName> [0..1]

```


Change Retail Delivery Reporting

```
<TotalContractAmount> TotalContractAmount </TotalContractAmount> [0..1]
<ContractNote> ContractNote </ContractNote> [0..1]
<ContractEffectiveDate> ContractEffectiveDate </ContractEffectiveDate> [0..1]
<ContractPlanStates> ContractPlanStates </ContractPlanStates> [0..*]
<ContractTransferInd> ContractTransferInd </ContractTransferInd> [0..1]
<ContractTransferredInd> ContractTransferredInd </ContractTransferredInd> [0..1]
<ContractTripInterruptInd> ContractTripInterruptInd </ContractTripInterruptInd> [0..1]
<LoanerVehicleInd> LoanerVehicleInd </LoanerVehicleInd> [0..1]
<RoadsideAssistanceInd> RoadsideAssistanceInd </RoadsideAssistanceInd> [0..1]
<RoadHazardInd> RoadHazardInd </RoadHazardInd> [0..1]
<FirstDayRentalInd> FirstDayRentalInd </FirstDayRentalInd> [0..1]
<RentalAllowance> RentalAllowance </RentalAllowance> [0..1]
<MaximumRentalAmount> MaximumRentalAmount </MaximumRentalAmount> [0..1]
<TowingAllowance> TowingAllowance </TowingAllowance> [0..1]
<ServiceContractSalesPerson> SalesPersonParty </ServiceContractSalesPerson> [0..1]
<CoverageCode> CoverageCode </CoverageCode> [0..1]
<LienholderParty> LienholderParty </LienholderParty> [0..*]
<NoChargeInd> NoChargeInd </NoChargeInd> [0..1]
<OriginalInServiceDate> OriginalInServiceDate </OriginalInServiceDate> [0..1]
<ContractLienInd> ContractLienInd </ContractLienInd> [0..1]
<EmployeeDiscountInd> EmployeeDiscountInd </EmployeeDiscountInd> [0..1]
<Tax> Tax </Tax> [0..*]
<ContractLanguageCode> ContractLanguageCode </ContractLanguageCode> [0..1]
<DownPaymentAmount> DownPaymentAmount </DownPaymentAmount> [0..1]
<ContractInstallments> ContractInstallments </ContractInstallments> [0..1]
<PaymentMethod> PaymentMethod </PaymentMethod> [0..1]
<ContractExpirationDistance> ContractExpirationDistance </ContractExpirationDistance> [0..1]
<ContractPlanOption> ContractPlanOption </ContractPlanOption> [0..*]
<PlanBasePrice> PlanBasePrice </PlanBasePrice> [0..1]
<TotalPlanOptionPrice> TotalPlanOptionPrice </TotalPlanOptionPrice> [0..1]
<PurchaseNetPrice> PurchaseNetPrice </PurchaseNetPrice> [0..1]
<TotalDealerAmount> TotalDealerAmount </TotalDealerAmount> [0..1]
<ContractRegistrationDate> ContractRegistrationDate </ContractRegistrationDate> [0..1]
<ServiceContractStatus> ServiceContractStatus </ServiceContractStatus> [0..*]
</...>
```

Change Retail Delivery Reporting

SoldVehicle

These field(s) use this type: Vehicle.

Name	SoldVehicle
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	Values on uom attribute: K - Kilometers, M - Miles
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	

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
InteriorColor	Vehicle Interior Color(s)	O	May occur multiple times.
ExteriorColor	Vehicle Exterior Color(s)	O	May occur multiple times.
TransmissionType	Vehicle Transmission type	O	Values: 3 - 3 speed, 4 - 4 speed, 5 - 5 speed, 6 - 6 speed, A - Automatic
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	Values: 0 - Created fo US Sale. 1 - Created for sale outside of the US.
VehicleDemoInd	Indicates whether vehicle was ever a demo	O	Values: 0 - Was or is not a demo. 1 - Was or is a demo.
LicenseNumber	State License plate number of vehicle	O	
BrandedInfo	Vehicle Branding Information	O	
RestrictionInd	Indication that vehicle has restrictions on its use	O	Values: 1 - Yes, 0 - No.
RestrictionDescription	Description of vehicle use restrictions	O	
TelematicsServiceInd	Indication whether Telematics Service Subscription is turned on	O	
Option	Vehicle Options	O	
TransmissionCode	Transmission Serial Number	O	
DeliveryDate	The date of original retail vehicle sale	O	In YYYY-MM-DD format.
EngineNumber	Serial number of the engine if vehicle not made for US sale	O	
IgnitionKeyNumber	Vehicle Ignition Key Number	O	
AxleCode	The code on the axle of the vehicle.	O	

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
FleetAccount	Manufacturer defined fleet account number	O	
FleetVehicleId	Uniquely identifies the vehicle as part of a fleet company	O	
FleetPurchaseOrderNumber	Fleet Purchase Order Number vehicle was purchased under	O	
DoorKeyNumber	Door key number	O	
VehicleWeight	Vehicle weight	O	
ExteriorColorCode	Vehicle exterior color code	O	
InteriorColorCode	Vehicle Interior color code	O	
PDIDate	Date Pre-Delivery Inspection completed at dealership	O	
RegistrationState	State or province of vehicle registration	O	
SecurityCode	Vehicle security code for entry or backup security	O	
Warranty	represents information about the OEM warranty on the vehicle	O	
ServiceContract	Service Contract	O	
PDITechnician	Pre-Delivery Inspection Technician	O	
MarketingInitiatives	Marketing Initiatives	O	
Tire	Represents information regarding the vehicle's tires	O	
EngineDisplacement	Displacement of engine (i.e., amount of volume in the cylinders)	O	
EngineDescription	Description of engine (e.g., 32 valves, hybrid, electronic, diesel, etc.)	O	
CommercialUsageInd	Indicates that the vehicles is used for commercial purposes.	O	Values: 1 - Yes, 0 - No.

XML Instance Representation

```

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

```

Change Retail Delivery Reporting

```
<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]
<Option> ExpandedOption </Option> [0..*]
<TransmissionCode> TransmissionCode </TransmissionCode> [0..1]
<DeliveryDate> DeliveryDate </DeliveryDate> [0..1]
<EngineNumber> EngineNumber </EngineNumber> [0..1]
<IgnitionKeyNumber> IgnitionKeyNumber </IgnitionKeyNumber> [0..1]
<AxleCode> AxleCode </AxleCode> [0..1]
<FleetAccount> FleetAccount </FleetAccount> [0..1]
<FleetVehicleId> FleetVehicleId </FleetVehicleId> [0..1]
<FleetPurchaseOrderNumber> FleetPurchaseOrderNumber </FleetPurchaseOrderNumber> [0..1]
<DoorKeyNumber> DoorKeyNumber </DoorKeyNumber> [0..1]
<VehicleWeight> VehicleWeight </VehicleWeight> [0..1]
<ExteriorColorCode> ExteriorColorCode </ExteriorColorCode> [0..*]
<InteriorColorCode> InteriorColorCode </InteriorColorCode> [0..*]
<PDIDate> PDIDate </PDIDate> [0..1]
<RegistrationState> RegistrationState </RegistrationState> [0..1]
```

Change Retail Delivery Reporting

```
<SecurityCode> SecurityCode </SecurityCode> [0..1]
<Warranty> WarrantyAdditional </Warranty> [0..*]
<ServiceContract> SoldServiceContract </ServiceContract> [0..*]
<PDITechnician> ServiceTechnician </PDITechnician> [0..1]
<MarketingInitiatives> MarketingInitiatives </MarketingInitiatives> [0..*]
<Tire> Tire </Tire> [0..*]
<EngineDisplacement> EngineDisplacement </EngineDisplacement> [0..1]
<EngineDescription> EngineDescription </EngineDescription> [0..1]
<CommercialUsageInd> CommercialUsageInd </CommercialUsageInd> [0..1]
</...>
```

SpecialProgramDescription

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

The description of the special program (First Time Buyer, College Graduate, etc.) being applied to the deal.

Name	SpecialProgramDescription
Abstract	no

XML Instance Representation

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

SpecialProgramDetail

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

Name	SpecialProgramDetail
Abstract	no

Data Elements and Components

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
SpecialProgramDescription	The description of the special program (First Time Buyer, College Graduate, etc.) being applied to the deal.	O	
SpecialPrograms	Code identifying the special program (First Time Buyer, College Graduate, etc.) being applied to the deal.	O	

XML Instance Representation

```
<...>  
  <SpecialProgramDescription> SpecialProgramDescription </SpecialProgramDescription> [0..1]  
  <SpecialPrograms> SpecialPrograms </SpecialPrograms> [0..*]  
</...>
```

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	
TotalTaxableAmount	Total taxable price	O	
NonTaxableAmount	Total non-taxable price	O	

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
TaxTypeId	Tax type identification	O	Values: CS – City, CP – County, ST – State, OT – Other, GST- Goods and Services tax, EX – Excise, VAT – VAT, PST - Provincial Sales Tax, RT – Rental, Tax HST - Harmonized Tax, ART - Air Tax, QST - Quebec Sales Tax
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]">
```


Change Retail Delivery Reporting

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

TaxDescription

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

Free form text description of tax amount.

Name	TaxDescription
Abstract	no

XML Instance Representation

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

TaxRate

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

Tax Percentage rate.

Name	TaxRate
Abstract	no

XML Instance Representation

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

TechnicianBase

Name	TechnicianBase
-------------	-----------------------

Change Retail Delivery Reporting

Abstract no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
AlternatePartyIds	Social security number or other legal document Id of technician	O	Values: LegalId, NationalId, Other
TechnicianName	Name of technician assigned to RO	O	Should be in 'First Last' with no commas between first and last name.
TeamName	Team assigned to Repair Order	O	
TechnicianSkillArea	Type of training required to perform the labor operation	O	
TechnicianSkillLevel	Level of training required to perform the labor operation	O	

XML Instance Representation

```
<...>
  <PartyId> PartyId </PartyId> [0..1]
  <AlternatePartyIds> OrganizationalPartyAlternatePartyId </AlternatePartyIds> [0..*]
  <TechnicianName> TechnicianName </TechnicianName> [0..1]
  <TeamName> TeamName </TeamName> [0..1]
  <TechnicianSkillArea> TechnicianSkillArea </TechnicianSkillArea> [0..1]
  <TechnicianSkillLevel> TechnicianSkillLevel </TechnicianSkillLevel> [0..1]
</...>
```

Term

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

Number of months of contract term

Name Term

Abstract no

Change Retail Delivery Reporting

Attributes

Field / Component	Description	R/O	Business Rule
length		R	

XML Instance Representation

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

Tire

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

represents information regarding the vehicle's tires

Name	Tire
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Manufacturer	Tire manufacturer	O	
TireSerialNumber	Tire Serial Number	O	
TireLocation	Location of tire on vehicle (i.e., Front Passenger, Front Driver, Rear Passenger, etc)	O	

XML Instance Representation

```
<...>  
  <Manufacturer> Manufacturer </Manufacturer> [0..1]  
  <TireSerialNumber> TireSerialNumber </TireSerialNumber> [0..1]  
  <TireLocation> TireLocation </TireLocation> [0..1]
```

Change Retail Delivery Reporting

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

TotalContractAmount

These field(s) use this type: TotalContractAmount.

Total amount of the contract.

Name	TotalContractAmount
Abstract	no

XML Instance Representation

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

TotalDealerAmount

These field(s) use this type: TotalDealerAmount.

Total amount paid by the dealer to the external supplier including tax (i.e., dealer cost).

Name	TotalDealerAmount
Abstract	no

XML Instance Representation

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

TotalPlanOptionPrice

These field(s) use this type: TotalPlanOptionPrice.

Change Retail Delivery Reporting

The sum of all the Plan Option prices.

Name	TotalPlanOptionPrice
Abstract	no

XML Instance Representation

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

TotalTaxableAmount

These field(s) use this type: TotalTaxableAmount.

Total taxable price.

Name	TotalTaxableAmount
Abstract	no

XML Instance Representation

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

TowingAllowance

These field(s) use this type: TowingAllowance.

towing aloooowance

Name	TowingAllowance
Abstract	no

Change Retail Delivery Reporting

XML Instance Representation

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

TradeIn

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

Name	TradeIn
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	
VIN	VIN of trade in vehicle	O	
ExteriorColor	Vehicle Exterior Color(s)	O	
TradeInMileage	Odometer reading of vehicle at time of delivery	O	Values on uom attribute: K - Kilometers, M - Miles.
Manufacturer	Manufacture of the trade-in	O	
TradeInOffLeaseCode	Indicates if a vehicle is a trade-in or is coming off lease. Ex: T or O	O	

XML Instance Representation

Change Retail Delivery Reporting

```
<...>
  <Model> Model </Model> [0..1]
  <ModelYear> ModelYear </ModelYear> [0..1]
  <ModelDescription> ModelDescription </ModelDescription> [0..1]
  <Make> Make </Make> [0..1]
  <VIN> VIN </VIN> [0..1]
  <ExteriorColor> ExteriorColor </ExteriorColor> [0..*]
  <TradeInMileage> TradeInMileage </TradeInMileage> [0..1]
  <Manufacturer> Manufacturer </Manufacturer> [0..1]
  <TradeInOffLeaseCode> TradeInOffLeaseCode </TradeInOffLeaseCode> [0..1]
</...>
```

TradeInMileage

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

Odometer reading of vehicle at time of delivery

Name	TradeInMileage
Abstract	no

XML Instance Representation

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

UnitSalesTaxAmount

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

Unit amount of sales tax.

Name	UnitSalesTaxAmount
Abstract	no

Change Retail Delivery Reporting

XML Instance Representation

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

UpfrontMileageRate

These field(s) use this type: UpfrontMileageRate.

The amount of miles charged for miles purchased upfront.

Name	UpfrontMileageRate
Abstract	no

XML Instance Representation

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

UpfrontMiles

These field(s) use this type: UpfrontMiles.

The number of miles purchased at contract commencement

Name	UpfrontMiles
Abstract	no

XML Instance Representation

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


Change Retail Delivery Reporting

UpfrontMilesAmount

These field(s) use this type: UpfrontMilesAmount.

UpfrontMiles multiplied by the UpfrontMileageRate.

Name	UpfrontMilesAmount
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	
ModelDescription	Descriptive vehicle model name	O	
Make	Vehicle make code - Usually available in the VIN number (use NCIC code).	O	

XML Instance Representation

```
<...>
```

Change Retail Delivery Reporting

```
<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	
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	Values on uom attribute: K - Kilometers, M - Miles
VehicleStock	Dealer assigned vehicle stock number	O	

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
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	May occur multiple times.
ExteriorColor	Vehicle Exterior Color(s)	O	May occur multiple times.
TransmissionType	Vehicle Transmission type	O	Values: 3 - 3 speed, 4 - 4 speed, 5 - 5 speed, 6 - 6 speed, A - Automatic
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	Values: 0 - Created fo US Sale. 1 - Created for sale outside of the US.
VehicleDemoInd	Indicates whether vehicle was ever a demo	O	Values: 0 - Was or is not a demo. 1 - Was or is a demo.
LicenseNumber	State License plate number of vehicle	O	
BrandedInfo	Vehicle Branding Information	O	
RestrictionInd	Indication that vehicle has restrictions on its use	O	Values: 1 - Yes, 0 - No.
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]

```

Change Retail Delivery Reporting

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

VehicleWeight

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

Vehicle Weight

Name	VehicleWeight
Abstract	no

XML Instance Representation

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

Change Retail Delivery Reporting

</...>

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

<.../>

Warranty

Name	Warranty
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
WarrantyStartMileage	Mileage at start date of vehicle warranty	O	Values on uom attribute: K - Kilometers, M - Miles.
WarrantyEndMileage	Mileage limit for vehicle warranty coverage for warranty currently in force at time of repair	O	Values on uom attribute: K - Kilometers, M - Miles.
WarrantyStartDate	Start date of vehicle warranty	O	In YYYY-MM-DD format.

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
WarrantyExpirationDate	Last date of vehicle warranty coverage for warranty currently in force at time of repair	O	In YYYY-MM-DD format.
RoadsideAssistanceInd	Indicates whether coverage includes roadside assistance	O	Values: 1 - Yes, 0 - No.
MasterShieldInd	Indicates if vehicle is covered by the Master Shield Extended warranty	O	Values: 1 - Yes, 0 - No.
WarrantyTransferInd	Indicates if warranty is transferable	O	Values: 1 - Yes, 0 - No.
WarrantyTypeDescription	Description of type of warranty Example: Basic /Powertrain, etc.	O	
WarrantyStatus	Whether warranty is still applicable	O	
WarrantyRemaining	Defines how much warranty is left, either in time or miles	O	
WarrantyNotes	Any Warranty related Notes	O	

XML Instance Representation

```
<...>
  <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]
  <MasterShieldInd> MasterShieldInd </MasterShieldInd> [0..1]
  <WarrantyTransferInd> WarrantyTransferInd </WarrantyTransferInd> [0..1]
  <WarrantyTypeDescription> WarrantyTypeDescription </WarrantyTypeDescription> [0..1]
  <WarrantyStatus> WarrantyStatus </WarrantyStatus> [0..1]
  <WarrantyRemaining> WarrantyRemaining </WarrantyRemaining> [0..1]
  <WarrantyNotes> WarrantyNotes </WarrantyNotes> [0..1]
</...>
```

WarrantyAdditional

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

Change Retail Delivery Reporting

Name	WarrantyAdditional
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
WarrantyStartMileage	Mileage at start date of vehicle warranty	O	Values on uom attribute: K - Kilometers, M - Miles.
WarrantyEndMileage	Mileage limit for vehicle warranty coverage for warranty currently in force at time of repair	O	Values on uom attribute: K - Kilometers, M - Miles.
WarrantyStartDate	Start date of vehicle warranty	O	In YYYY-MM-DD format.
WarrantyExpirationDate	Last date of vehicle warranty coverage for warranty currently in force at time of repair	O	In YYYY-MM-DD format.
RoadsideAssistanceInd	Indicates whether coverage includes roadside assistance	O	Values: 1 - Yes, 0 - No.
MasterShieldInd	Indicates if vehicle is covered by the Master Shield Extended warranty	O	Values: 1 - Yes, 0 - No.
WarrantyTransferInd	Indicates if warranty is transferable	O	Values: 1 - Yes, 0 - No.
WarrantyTypeDescription	Description of type of warranty Example: Basic /Powertrain, etc.	O	
WarrantyStatus	Whether warranty is still applicable	O	
WarrantyRemaining	Defines how much warranty is left, either in time or miles	O	
WarrantyNotes	Any Warranty related Notes	O	
ReceiptNumber	Numeric identifier found on the carrier's receipt when a vehicle is delivered to the dealer	O	
DelayedInspectionCode	Explains why a vehicle cannot be initially inspected once it arrives at a dealer (ie: dealer closed, no one around to sign for vehicle)	O	
VehicleArrivalDate	The date the original retail vehicle is delivered to a dealer.	O	

Change Retail Delivery Reporting

XML Instance Representation

```
<...>
  <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]
  <MasterShieldInd> MasterShieldInd </MasterShieldInd> [0..1]
  <WarrantyTransferInd> WarrantyTransferInd </WarrantyTransferInd> [0..1]
  <WarrantyTypeDescription> WarrantyTypeDescription </WarrantyTypeDescription> [0..1]
  <WarrantyStatus> WarrantyStatus </WarrantyStatus> [0..1]
  <WarrantyRemaining> WarrantyRemaining </WarrantyRemaining> [0..1]
  <WarrantyNotes> WarrantyNotes </WarrantyNotes> [0..1]
  <ReceiptNumber> ReceiptNumber </ReceiptNumber> [0..1]
  <DelayedInspectionCode> DelayedInspectionCode </DelayedInspectionCode> [0..1]
  <VehicleArrivalDate> VehicleArrivalDate </VehicleArrivalDate> [0..1]
</...>
```

WarrantyBase

Name	WarrantyBase
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
WarrantyStartMileage	Mileage at start date of vehicle warranty	O	Values on uom attribute: K - Kilometers, M - Miles.
WarrantyEndMileage	Mileage limit for vehicle warranty coverage for warranty currently in force at time of repair	O	Values on uom attribute: K - Kilometers, M - Miles.
WarrantyStartDate	Start date of vehicle warranty	O	In YYYY-MM-DD format.

Change Retail Delivery Reporting

Field / Component	Description	R/O	Business Rule
WarrantyExpirationDate	Last date of vehicle warranty coverage for warranty currently in force at time of repair	O	In YYYY-MM-DD format.
RoadsideAssistanceInd	Indicates whether coverage includes roadside assistance	O	Values: 1 - Yes, 0 - No.
MasterShieldInd	Indicates if vehicle is covered by the Master Shield Extended warranty	O	Values: 1 - Yes, 0 - No.
WarrantyTransferInd	Indicates if warranty is transferable	O	Values: 1 - Yes, 0 - No.
WarrantyTypeDescription	Description of type of warranty Example: Basic /Powertrain, etc.	O	
WarrantyStatus	Whether warranty is still applicable	O	
WarrantyRemaining	Defines how much warranty is left, either in time or miles	O	
WarrantyNotes	Any Warranty related Notes	O	

XML Instance Representation

```
<...>
  <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]
  <MasterShieldInd> MasterShieldInd </MasterShieldInd> [0..1]
  <WarrantyTransferInd> WarrantyTransferInd </WarrantyTransferInd> [0..1]
  <WarrantyTypeDescription> WarrantyTypeDescription </WarrantyTypeDescription> [0..1]
  <WarrantyStatus> WarrantyStatus </WarrantyStatus> [0..1]
  <WarrantyRemaining> WarrantyRemaining </WarrantyRemaining> [0..1]
  <WarrantyNotes> WarrantyNotes </WarrantyNotes> [0..1]
</...>
```

WarrantyEndMileage

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

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

AcquisitionMethod

These field(s) use this type: AcquisitionMethod.

method of acquisition

Name	AcquisitionMethod
------	-------------------

*Base XSD Type: string

AddressLine

These field(s) use this type: AddressLine.

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

Name	AddressLine
------	-------------

*Base XSD Type: string

AddressQualifier

Address Qualifier

Change Retail Delivery Reporting

Name	AddressQualifier
*Base XSD Type: string	
Code Value	Description
WorkAddress	Work Address
SeasonalAddress	Seasonal Address
DeliveryAddress	Delivery Address
HomeAddress	Home Address
PreviousAddress	Previous Address
Other	Other
Garage	Garage
Billing	Billing
NonSigningSpouseAddress	Non Signing Spouse Address
N/A	Not Applicable

ApprovedInd

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

Approved Indicator

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

Change Retail Delivery Reporting

AssigningOrganizationPartyId

These field(s) use this type: AssigningPartyId.

Assigning Organization Party Id

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

AssigningPartyId

These field(s) use this type: AssigningPartyId.

Agency or entity that validates the Party Id

Name	AssigningPartyId
*Base XSD Type: string	

Change Retail Delivery Reporting

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

AuthorizationNumber

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

Authorization Number

Name	AuthorizationNumber
------	---------------------

*Base XSD Type: string

AxleCode

These field(s) use this type: AxleCode.

The code on the axle of the vehicle.

Name	AxleCode
------	----------

*Base XSD Type: string

BirthDate

Change Retail Delivery Reporting

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

Birth date of party

Name	BirthDate
-------------	------------------

*Base XSD Type: date

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

*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

Change Retail Delivery Reporting

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

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	

Change Retail Delivery Reporting

Code Value	Description
1	

City

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

City of the Address.

Name	City
------	------

*Base XSD Type: string

Code

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

Unique code name

Name	Code
------	------

*Base XSD Type: string

CommercialUsageInd

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

Indicates that the planned use of the vehicle is for commercial purposes.

Name	CommercialUsageInd
------	--------------------

*Base XSD Type: string

Code Value	Description
0	
1	

Change Retail Delivery Reporting

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

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

*Base XSD Type: NMTOKEN

Code Value	Description
Always	
OnChange	
Never	

ContactTelephoneNumberDescription

Contact Telephone Number Description

Change Retail Delivery Reporting

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

ContactTelephoneNumberOrganizationDescription

Contact Telephone Number Organization Description

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

ContactTime

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

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

Change Retail Delivery Reporting

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

*Base XSD Type: string

ContractCompanyName

These field(s) use this type: ContractCompanyName.

Contract company name

Name	ContractCompanyName
------	---------------------

*Base XSD Type: string

ContractEffectiveDate

These field(s) use this type: ContractEffectiveDate.

Start Date of Service Contract

Name	ContractEffectiveDate
------	-----------------------

*Base XSD Type: date

ContractExpirationDate

These field(s) use this type: ContractExpirationDate.

Date the contract expires

Name	ContractExpirationDate
------	------------------------

*Base XSD Type: date

ContractLanguageCode

These field(s) use this type: ContractLanguageCode.

Change Retail Delivery Reporting

Language code indicating contract language preference

Name	ContractLanguageCode
------	----------------------

Base XSD Type: string

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

en-US

en-CA

aa-ET

ab-GE

af-ZA

am- ET

ar-SA

as-IN

ay-BO

az-AZ

ba-RU

be-BY

bg-BG

bh-IN

bi-VU

bn-BD

bo-BT

br-FR

ca-ES

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

ContractLienInd

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

Indicates the vehicle has a lien or the contract was financed

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

ContractNote

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

Free form comments that relate to the contract

Name	ContractNote
*Base XSD Type: string	

Change Retail Delivery Reporting

ContractOptionCode

These field(s) use this type: ContractOptionCode.

Unique identifier for a plan option.

Name	ContractOptionCode
------	--------------------

*Base XSD Type: string

ContractOptionEndDate

These field(s) use this type: ContractOptionEndDate.

The date the contract option expires.

Name	ContractOptionEndDate
------	-----------------------

*Base XSD Type: date

ContractOptionStartDate

These field(s) use this type: ContractOptionStartDate.

The date the contract option takes effect.

Name	ContractOptionStartDate
------	-------------------------

*Base XSD Type: date

ContractOwnerName

These field(s) use this type: ContractOwnerName.

Name on service Contract (i.e., full name - First Last)

Name	ContractOwnerName
------	-------------------

*Base XSD Type: string

Change Retail Delivery Reporting

ContractPlanCode

These field(s) use this type: ContractPlanCode.

Contract Plan Code

Name	ContractPlanCode
------	------------------

*Base XSD Type: string

ContractPlanStates

These field(s) use this type: ContractPlanStates.

States where the plan is valid

Name	ContractPlanStates
------	--------------------

*Base XSD Type: string

ContractRegistrationDate

These field(s) use this type: ContractRegistrationDate.

The day the contract is registered in the originating system. (Ex. The database system).

Name	ContractRegistrationDate
------	--------------------------

*Base XSD Type: date

ContractStartDate

These field(s) use this type: ContractStartDate.

Contract sale Date

Name	ContractStartDate
------	-------------------

*Base XSD Type: date

Change Retail Delivery Reporting

ContractTransferInd

These field(s) use this type: ContractTransferInd.

Indicates if the contract is transferable

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

ContractTransferredInd

These field(s) use this type: ContractTransferredInd.

Indicates if the contract has been transferred

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

ContractTripInterruptInd

These field(s) use this type: ContractTripInterruptInd.

Indicates if the contract allows for trip interruption

Name	ContractTripInterruptInd
------	--------------------------

Change Retail Delivery Reporting

*Base XSD Type: string

Code Value	Description
0	
1	

ContractType

These field(s) use this type: ContractType.

Contract type and/or area of coverage

Name	ContractType
------	--------------

*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

Change Retail Delivery Reporting

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 -RÅ#Å#UNION RO -ROMANIA RU -RUSSIAN FEDERATION RW -RWANDA SH -SAINT HELENA KN -SAINT KITTS AND NEVIS LC -SAINT LUCIA PM -SAINT PIERRE AND MIQUELON VC -SAINT VINCENT AND THE GRENADINES WS -SAMOA SM -SAN MARINO ST -SAO TOME AND PRINCIPE SA -SAUDI ARABIA SN -SENEGAL CS -SERBIA AND MONTENEGRO SC -SEYCHELLES SL -SIERRA LEONE SG -SINGAPORE SK -SLOVAKIA SI -SLOVENIA SB -SOLOMON ISLANDS SO -SOMALIA ZA -SOUTH AFRICA GS -SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS ES -SPAIN LK -SRI LANKA SD -SUDAN SR -SURINAME SJ -SVALBARD AND JAN MAYEN SZ -SWAZILAND SE -SWEDEN CH -SWITZERLAND SY -SYRIAN ARAB REPUBLIC TW -TAIWAN, PROVINCE OF CHINA TJ -TAJIKISTAN TZ -TANZANIA, UNITED REPUBLIC OF TH -THAILAND TL -TIMOR-LESTE TG - TOGO TK -TOKELAU TO -TONGA TT -TRINIDAD AND TOBAGO TN -TUNISIA TR -TURKEY TM -TURKMENISTAN TC -TURKS AND CAICOS ISLANDS TV -TUVALU UG -UGANDA UA -UKRAINE AE -UNITED ARAB EMIRATES GB -UNITED KINGDOM US -UNITED STATES UM -UNITED STATES MINOR OUTLYING ISLANDS UY -URUGUAY UZ -UZBEKISTAN VU -VANUATU VE -VENEZUELA VN -VIET NAM VG -VIRGIN ISLANDS, BRITISH VI -VIRGIN ISLANDS, U.S. WF -WALLIS AND FUTUNA EH -WESTERN SAHARA YE -YEMEN ZM -ZAMBIA ZW -ZIMBABWE

Name	Country
*Base XSD Type: string	
Code Value	Description
US	
AF	
AL	
DZ	
AS	
AD	

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

County

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

Business party county location

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

*Base XSD Type: string

CouponComment

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

Change Retail Delivery Reporting

Comments associated with the coupon (e.g., Please rotate tire to front left).

Name	CouponComment
------	---------------

*Base XSD Type: string

CoverageCode

These field(s) use this type: CoverageCode.

Identifies Service Contract coverage beyond plan code and contract type

Name	CoverageCode
------	--------------

*Base XSD Type: string

Currency

The ISO code identifying the type of currency in use.

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

*Base XSD Type: string

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

USD	
-----	--

ADP	
-----	--

AED	
-----	--

AFA	
-----	--

ALL	
-----	--

ANG	
-----	--

AOK	
-----	--

ARA	
-----	--

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

Date

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

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

Base XSD Type: date

Change Retail Delivery Reporting

DateTime

These field(s) use this type: CreationDateTime.

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

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

*Base XSD Type: dateTime

DBAName

These field(s) use this type: DBAName.

Doing Business As name.

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

*Base XSD Type: string

DealerInstallationInd

These field(s) use this type: DealerInstallationInd.

Indicates whether or not the dealership installed the part

Name	DealerInstallationInd
------	-----------------------

*Base XSD Type: string

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

0	
---	--

1	
---	--

DealerName

These field(s) use this type: DealerName.

Change Retail Delivery Reporting

Dealer name

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

*Base XSD Type: string

DealerTransferDate

These field(s) use this type: DealerTransferDate.

Date transferred to retailing dealer

Name	DealerTransferDate
------	--------------------

*Base XSD Type: date

Decimal

Decimal

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

*Base XSD Type: decimal

DelayedInspectionCode

These field(s) use this type: DelayedInspectionCode.

Explains why a vehicle cannot be initially inspected once it arrives at a dealer (ie: dealer closed, no one around to sign for vehicle)

Name	DelayedInspectionCode
------	-----------------------

*Base XSD Type: string

DeliveryDate

These field(s) use this type: DeliveryDate.

Change Retail Delivery Reporting

The date of original retail vehicle sale

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

*Base XSD Type: date

DiscountRate

These field(s) use this type: DiscountRate.

The rate/service factor being discounted off the net lease rate due to lease being a single pay lease or some other special program.

Name	DiscountRate
------	--------------

*Base XSD Type: string

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

Change Retail Delivery Reporting

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

Door Key Number

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

*Base XSD Type: string

DriverAction

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

Driver action (Ex: Drop-Off, Pick-Up, etc)

Name	DriverAction
-------------	---------------------

*Base XSD Type: string

EmployeeDiscountInd

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

Indicates if this registration should apply OEM employee discount.

Name	EmployeeDiscountInd
-------------	----------------------------

*Base XSD Type: string

Code Value	Description
0	
1	

EngineDisplacement

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

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

Change Retail Delivery Reporting

Name	EngineDisplacement
*Base XSD Type: string	
Code Value	Description
ci	ci - Cubic Inches
cc	cc - Cubic Centimeters
liters	liters
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,ExpirationDate,ExpirationDate.

Expiration Date

Name	ExpirationDate
*Base XSD Type: date	

ExteriorColor

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

Change Retail Delivery Reporting

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

*Base XSD Type: string

FinalPaymentDate

These field(s) use this type: FinalPaymentDate.

Date that the final payment amount is due (e.g., Ballon, Fixed Value, Lease, etc.)

Name	FinalPaymentDate
------	------------------

*Base XSD Type: date

FinanceCompanyName

Change Retail Delivery Reporting

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

FirstDayRentalInd

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

If first day rental for service is covered in contract

Name	FirstDayRentalInd
-------------	--------------------------

*Base XSD Type: string

Code Value	Description
0	
1	

FirstTimeBuyerInd

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

Identifies customer as first time buyer

Change Retail Delivery Reporting

Name	FirstTimeBuyerInd
------	-------------------

*Base XSD Type: string

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

0

1

FleetAccount

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

Manufacturer defined fleet account number

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

*Base XSD Type: string

FleetPurchaseOrderNumber

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

Fleet Purchase Order Number vehicle was purchased under

Name	FleetPurchaseOrderNumber
------	--------------------------

*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

Change Retail Delivery Reporting

Gender

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

Gender of party - M = Male, F= Female

Name	Gender
*Base XSD Type: string	
Code Value	Description
M	"M" = Modified
F	Female

GivenName

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

First Name of business party

Name	GivenName
*Base XSD Type: string	

HomeWork

Home or Work

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

Change Retail Delivery Reporting

IgnitionKeyNumber

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

Vehicle Ignition Key Number

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

*Base XSD Type: string

Indicator

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

0 = No, 1 = Yes

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

*Base XSD Type: string

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

0	
---	--

1	
---	--

InitiativeDate

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

The date the initiative was processed.

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

*Base XSD Type: date

InitiativeType

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

Change Retail Delivery Reporting

Type of program - Incentive or program related initiatives

Name	InitiativeType
*Base XSD Type: string	
Code Value	Description
Program	Program-related initiative
Incentives	Incentive-related initiative
N/A	Not Applicable
Other	Other

InsuranceCompanyName

These field(s) use this type: InsuranceCompanyName.

Insurance company name

Name	InsuranceCompanyName
------	----------------------

*Base XSD Type: string

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.

Change Retail Delivery Reporting

Vehicle Interior color code

Name	InteriorColorCode
------	-------------------

*Base XSD Type: string

IssuingState

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

Indicates that State where the license was issued.

Name	IssuingState
------	--------------

*Base XSD Type: string

Language

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

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", BO "Tibetan", BR "Breton", CA "Catalan", CO "Corsican", CS "Czech", CY "Welsh", DA "Danish", DE "German", DZ "Bhutani", EL "Greek", EN "English", ES "Spanish", ET "Estonian", EU "Basque", FA "Persian", FI "Finnish", FJ "Fiji", FO "Faeroese", FR "French", FY "Frisian", GA "Irish", GD "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", LG "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", OR "Oriya", PA "Punjabi", PL "Polish", PS "Pashto", PT "Portuguese", QU "Quechua", RM "Rhaeto-Romance", RN "Kirundi", RO "Romanian", RU "Russian", RW "Kinyarwanda", SA "Sanskrit", SD "Sindhi", SG "Sangro", SH "Serbo-Croatian", SI "Singhalese", SK "Slovak", SL "Slovenian", SM "Samoan", SN "Shona", SO "Somali", SQ "Albanian", SR "Serbian", SS "Siswati", ST "Sesotho", SU "Sudanese", SV "Swedish", SW "Swahili", TA "Tamil", TE "Tegulu", TG "Tajik", TH "Thai", TI "Tigrinya", TK "Turkmen", TL "Tagalog", TN "Setswana", TO "Tonga", TR "Turkish", TS "Tsonga", TT "Tatar", TW "Twi", UK "Ukrainian", UR "Urdu", UZ "Uzbek", VI "Vietnamese", WO "Wolof", XH "Xhosa", YO "Yoruba", ZH "Chinese", ZU "Zulu"

Name	Language
------	----------

Change Retail Delivery Reporting

*Base XSD Type: string

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

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

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

LeaseBuyMoneyFactor

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

Lease Rate/Service Factor offered to the dealer by Finance Source.

Name	LeaseBuyMoneyFactor
------	---------------------

*Base XSD Type: string

LicenseNumber

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

State License plate number of vehicle

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

*Base XSD Type: string

LoanerVehicleInd

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

Loaner vehicle indicator

Name	LoanerVehicleInd
------	------------------

*Base XSD Type: string

Change Retail Delivery Reporting

Code Value	Description
0	
1	

LocationDescription

Location Description

Name	LocationDescription
Base XSD Type: string	

LowMileageOption

These field(s) use this type: LowMileageOption.

Indicates whether a customer chooses low mileage.

Name	LowMileageOption
Base XSD Type: string	

Code Value	Description
0	
1	

Make

These field(s) use this type: Make.

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

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

Change Retail Delivery Reporting

*Base XSD Type: string

Manufacturer

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

Manufacturer Name

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

*Base XSD Type: string

ManufacturerInstalledInd

These field(s) use this type: ManufacturerInstalledInd.

Indicates manufacturer-installed accessories

Name	ManufacturerInstalledInd
------	--------------------------

*Base XSD Type: string

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

0	
---	--

1	
---	--

MarketCode

These field(s) use this type: MarketCode.

A market code which designates the market area.

Name	MarketCode
------	------------

*Base XSD Type: string

Change Retail Delivery Reporting

MarketingMailInd

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

Indicates customers whom have requested no marketing mail

Name	MarketingMailInd
------	------------------

*Base XSD Type: string

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

0	
---	--

1	
---	--

MasterShieldInd

These field(s) use this type: MasterShieldInd.

Indicates if vehicle is covered by the Master Shield Extended warranty

Name	MasterShieldInd
------	-----------------

*Base XSD Type: string

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

0	
---	--

1	
---	--

MaturityDate

These field(s) use this type: MaturityDate.

Month and year of contract maturity

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

Change Retail Delivery Reporting

*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 = Kilometers

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

*Base XSD Type: string

Code Value	Description
M	"M" = Modified
K	Kilometers

MiscellaneousCode

These field(s) use this type: MiscellaneousCode.

Miscellaneous code

Name	MiscellaneousCode
------	-------------------

*Base XSD Type: string

MiscellaneousNotes

Change Retail Delivery Reporting

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

Change Retail Delivery Reporting

Name

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

Name of the Party.

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

*Base XSD Type: string

NoChargeInd

These field(s) use this type: NoChargeInd.

Indicates customer was not charged

Name	NoChargeInd
------	-------------

*Base XSD Type: string

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

0	
---	--

1	
---	--

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	
---	--

Change Retail Delivery Reporting

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.

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

Change Retail Delivery Reporting

OptionOrigin

These field(s) use this type: OptionOrigin.

Identifies the option installer

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

*Base XSD Type: string

OptionSalesCode

These field(s) use this type: OptionSalesCode.

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

Name	OptionSalesCode
------	-----------------

*Base XSD Type: string

OptionSecurityCode

These field(s) use this type: OptionSecurityCode.

Security code to unlock option. (i.e, radio code)

Name	OptionSecurityCode
------	--------------------

*Base XSD Type: string

OptionSerialNumber

These field(s) use this type: OptionSerialNumber.

Serial number of Option

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

*Base XSD Type: string

Change Retail Delivery Reporting

OptionStockNumber

These field(s) use this type: OptionStockNumber.

Stock Number of Vehicle Option

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

*Base XSD Type: string

OriginalInServiceDate

These field(s) use this type: OriginalInServiceDate.

The date a used vehicle went in service

Name	OriginalInServiceDate
------	-----------------------

*Base XSD Type: date

OriginalLeaseRateMoneyFactor

These field(s) use this type: OriginalLeaseRateMoneyFactor.

The original lease factor before the discount rate for single payment.

Name	OriginalLeaseRateMoneyFactor
------	------------------------------

*Base XSD Type: string

PartType

These field(s) use this type: PartType.

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

Name	PartType
------	----------

*Base XSD Type: string

Change Retail Delivery Reporting

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

PaymentMethod

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

Indicates the method of payment (e.g., cash, credit card, etc.).

Name	PaymentMethod
*Base XSD Type: string	
Code Value	Description
Terms	Indicates that payment terms are provided.
COD	Cash On Delivery
Due On Receipt	Payment is due upon receipt of invoice.
Credit Card	Indicates that a credit card will be used as the method of payment.
Check	Indicates that a check will be used as the method of payment.
EFT	Electronic funds transfer.
Payroll Deduction	Indicates that a payment will be via deduction of an individual's payroll.
Cash	Indicates that cash will be used as the method of payment.
Finance	
Other	Other
N/A	Not Applicable
Exchange	Indicates the dealers intent to return parts in exchange for the monetary value of the order.

Change Retail Delivery Reporting

PDIDate

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

Date Pre-Delivery Inspection completed at dealership

Name	PDIDate
------	---------

*Base XSD Type: date

PortInstalledInd

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

Indicates Port-installed accessories

Name	PortInstalledInd
------	------------------

*Base XSD Type: string

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

0	
---	--

1	
---	--

PostalCode

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

Postal Code of the Address.

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

*Base XSD Type: string

PreApprovedProgramName

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

Change Retail Delivery Reporting

A text description of preapproval codes.

Name	PreApprovedProgramName
------	------------------------

*Base XSD Type: string

PreferredContactMethod

These field(s) use this type: PreferredContactMethod.

Preferred contact method

Name	PreferredContactMethod
------	------------------------

*Base XSD Type: string

Code Value	Description
Day Phone	Day Phone
Evening Phone	Evening Phone
Cell Phone	Cell Phone
Work Fax	Work Fax
Home Fax	Home Fax
Pager	Pager
Work Email	Work Email
Home Email	Home Email
US Mail	US Mail
Other	Other
N/A	Not Applicable

PreferredContactMethodOrganization

Change Retail Delivery Reporting

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

Preferred Contact Method Organization

Name	PreferredContactMethodOrganization
*Base XSD Type: string	
Code Value	Description
Day Phone	Day Phone
Cell Phone	Cell Phone
Work Fax	Work Fax
Pager	Pager
Work Email	Work Email
US Mail	US Mail
Other	Other

PreferredLanguage

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

Preferred language

Name	PreferredLanguage
*Base XSD Type: string	
Code Value	Description
en-US	
en-CA	
aa-ET	
ab-GE	

Change Retail Delivery Reporting

Code Value	Description
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	
dz-BT	
el-GR	

Change Retail Delivery Reporting

Code Value	Description
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	
ik-GL	
in-ID	

Change Retail Delivery Reporting

Code Value	Description
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	
lv-LV	
mg-MG	

Change Retail Delivery Reporting

Code Value	Description
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	
qu-PE	
rm-CH	

Change Retail Delivery Reporting

Code Value	Description
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	
sw-TL	
ta-IN	

Change Retail Delivery Reporting

Code Value	Description
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	
zu-ZA	

Change Retail Delivery Reporting

PrimaryContactInd

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

Indicates if contact is primary contact

Name	PrimaryContactInd
------	-------------------

*Base XSD Type: string

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

0	
---	--

1	
---	--

PrimaryDriverInd

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

Identifies customer as primary driver.

Name	PrimaryDriverInd
------	------------------

*Base XSD Type: string

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

0	
---	--

1	
---	--

PrivacyInd

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

Indicator to note that Business Party has requested to share or to not share information with third parties.

Name	PrivacyInd
------	------------

Change Retail Delivery Reporting

*Base XSD Type: string

Code Value	Description
0	
1	

PrivacyType

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

Code identifying a Party's authorized privacy rights.

Name	PrivacyType
------	-------------

*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	

ReceiptNumber

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

Change Retail Delivery Reporting

Numeric identifier found on the carrier's receipt when a vehicle is delivered to the dealer

Name	ReceiptNumber
------	---------------

*Base XSD Type: string

Reference

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

Reference notation

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

*Base XSD Type: string

ReferenceNumber

Reference number

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

*Base XSD Type: string

ReimbursementComment

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

Reimbursement dealer comments

Name	ReimbursementComment
------	----------------------

*Base XSD Type: string

ReimbursementPayee

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

Change Retail Delivery Reporting

Indicates who is paid

Name	ReimbursementPayee
------	--------------------

*Base XSD Type: string

RelationshipCode

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

Indicates the Business Party's relationship to the primary Party (e.g., mother, father, husband, etc.).

Name	RelationshipCode
------	------------------

*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	
---	--

RoadHazardInd

These field(s) use this type: RoadHazardInd.

Indicates whether Roadside hazard is covered in the contract

Name	RoadHazardInd
------	---------------

Change Retail Delivery Reporting

*Base XSD Type: string

Code Value	Description
0	
1	

RoadsideAssistanceInd

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

Indicates whether coverage includes roadside assistance

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

SaleCategory

These field(s) use this type: SaleCategory.

Category of sale

Name	SaleCategory
*Base XSD Type: string	

SaleClass

These field(s) use this type: SaleClass.

Change Retail Delivery Reporting

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.

SalesDate

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

Date sales paperwork signed

Name	SalesDate
Base XSD Type: date	

SaleSubCategory

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

Code to extend the category of sale

Name	SaleSubCategory
------	-----------------

Change Retail Delivery Reporting

*Base XSD Type: string

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

SecurityCode

These field(s) use this type: SecurityCode.

Vehicle security code for entry or backup security

Name	SecurityCode
------	--------------

*Base XSD Type: string

SellingSource

These field(s) use this type: SellingSource.

Code to determine source brand of sale (i.e., OEM division)

Change Retail Delivery Reporting

Name	SellingSource
------	---------------

*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

SortName

These field(s) use this type: SortName.

Index name used as a sort for report purposes

Name	SortName
------	----------

*Base XSD Type: string

SpecialPrograms

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

Code identifying the type of special program (First Time Buyer, College Graduate, etc.

Change Retail Delivery Reporting

Name SpecialPrograms

*Base XSD Type: string

StateOrProvince

These field(s) use this type: StateOrProvince.

Is the State or Province of a given Address.

Name StateOrProvince

*Base XSD Type: string

StatusCode

These field(s) use this type: StatusCode.

A code identifying the reason for the status message.

Name StatusCode

*Base XSD Type: string

Code Value	Description
Success	The operation completed successfully. This does not necessarily mean that the BOD was processed. Instead it means that the client's role is done and that it won't receive any error messages later. Type of Response Code: Success.
Unspecified	An unspecified error occurred. The StatusText field contains the complete text.
Not In Inventory	Inventory is not currently available and back ordering was not requested.
Discontinued	The part has discontinued.
Invalid Part	Invalid part number.
Not Yet Available	The part is scheduled for a future release date and is not available at this time.
Not Authorized	The part is not authorized for your product line.

Change Retail Delivery Reporting

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

StatusText

Change Retail Delivery Reporting

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

Descriptive status text.

Name	StatusText
------	------------

*Base XSD Type: string

StatusType

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

Defines the type of status that occurred. EX: S-Success, E-Error, I-Info, A-Abort

Name	StatusType
------	------------

*Base XSD Type: string

Code Value	Description
Success	The operation completed successfully. This does not necessarily mean that the BOD was processed. Instead it means that the client's role is done and that it won't receive any error messages later. Type of Response Code: Success.
Error	The operation resulted in error and did not succeed.
Warning	The operation completed a warning.
Informational	The provided StatusText is informational.
Other	Other
N/A	Not Applicable

SubventionCode

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

Identifies a subvention program

Name	SubventionCode
------	----------------

Change Retail Delivery Reporting

*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

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	

Change Retail Delivery Reporting

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	
Other	Other
Luxury	
Vehicle Inventory	
Taxes Not In Cash Price	
Document Stamp	
Sales	
Tire	
Personal Property	
Registration	

Change Retail Delivery Reporting

Code Value	Description
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).
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.

Change Retail Delivery Reporting

Code Value	Description
Gross Receipt	A gross receipts tax, sometimes referred to as a gross excise tax, is a tax on the total gross revenues of a company, regardless of their source.
Tax on Trade-In	Tax due on a trade-in vehicle.
Tax on Upfront Fees	Total tax due on fees paid upfront.
Tax on Acquisition Fee	Tax due on amount of acquisition fee.
Environmental Tax	Environmental Levy / Tax.
Motor Vehicle Tax	Tax paid at of registration based on the vehicle's age and MSRP.
Wheel Tax	A tax levied by cities and villages to be credited to a road fund of the city or village

TaxTypeId

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

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

Name	TaxTypeId
Base XSD Type: string	
Code Value	Description
CS	City
CP	County
ST	State
OT	"OT" = Other
EX	Excise
VAT	Value Added
PST	Provincial Sales Tax

Change Retail Delivery Reporting

Code Value	Description
RT	Rental
GST	Goods and Services Tax
HST	Harmonized Tax
ART	Air Tax
QST	Quebec Sales Tax
IMP	Import Tax

TeamName

These field(s) use this type: TeamName.

Name of team

Name	TeamName
-------------	-----------------

*Base XSD Type: string

TechnicianName

These field(s) use this type: TechnicianName.

Name of technician

Name	TechnicianName
-------------	-----------------------

*Base XSD Type: string

TechnicianSkillArea

These field(s) use this type: TechnicianSkillArea.

Type of training required to perform the labor operation

Change Retail Delivery Reporting

Name	TechnicianSkillArea
------	---------------------

*Base XSD Type: string

TechnicianSkillLevel

These field(s) use this type: TechnicianSkillLevel.

Level of training required to perform the labor operation

Name	TechnicianSkillLevel
------	----------------------

*Base XSD Type: string

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	
---	--

1	
---	--

TermLength

Term Length

Name	TermLength
------	------------

*Base XSD Type: string

Change Retail Delivery Reporting

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

TireLocation

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

Location of tire on vehicle (i.e., Front Passenger, Front Driver, Rear Passenger, etc)

Name	TireLocation
------	--------------

*Base XSD Type: string

TireSerialNumber

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

Tire Serial Number

Name	TireSerialNumber
------	------------------

*Base XSD Type: string

Change Retail Delivery Reporting

TradeInOffLeaseCode

These field(s) use this type: TradeInOffLeaseCode.

Indicates if a vehicle is a trade-in or is coming off lease. Ex: T or O

Name	TradeInOffLeaseCode
------	---------------------

*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

Change Retail Delivery Reporting

Code Value	Description
Automatic 3	Automatic 3 speed transmission type
Automatic 4	Automatic 4 speed transmission type
Automatic 5	Automatic 5 speed transmission type
Automatic 6	Automatic 6 speed transmission type
Automatic 7	Automatic 7 speed transmission type
7	7 Speed
CVT Automatic 3	Continuously Variable T ransmission Automatic 3 speed transmission type (natural gas and hybrid).
CVT Automatic 4	Continuously Variable T ransmission Automatic 4 speed transmission type (natural gas and hybrid).
CVT Automatic 5	Continuously Variable T ransmission Automatic 5 speed transmission type (natural gas and hybrid).
CVT Automatic 6	Continuously Variable T ransmission Automatic 6 speed transmission type (natural gas and hybrid).
CVT Automatic 7	Continuously Variable T ransmission Automatic 7 speed transmission type (natural gas and hybrid).
M	M = Manual

TrimCode

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

Manufacturer assigned trim code

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

*Base XSD Type: string

Change Retail Delivery Reporting

Type

Type

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

*Base XSD Type: string

UrbanizationCode

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

Geographic definition of a metropolitan or suburban area

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

*Base XSD Type: string

URI

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

URI

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

*Base XSD Type: anyURI

VehicleArrivalDate

These field(s) use this type: VehicleArrivalDate.

The Date the original retail vehicle is delivered to a dealer

Name	VehicleArrivalDate
------	--------------------

*Base XSD Type: date

Change Retail Delivery Reporting

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	
---	--

VehicleNote

These field(s) use this type: VehicleNote.

Any vehicle related notes

Name	VehicleNote
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*Base XSD Type: string

VehicleStock

These field(s) use this type: VehicleStock.

Dealer assigned vehicle stock number

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

*Base XSD Type: string

VIN

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

Change Retail Delivery Reporting

Federally defined 17 position vehicle identification number

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

*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

WarrantyRemaining

These field(s) use this type: WarrantyRemaining.

Defines how much warranty is left, either in time or miles

Name	WarrantyRemaining
------	-------------------

*Base XSD Type: string

WarrantyStartDate

Change Retail Delivery Reporting

These field(s) use this type: WarrantyStartDate.

Start Date of vehicle warranty

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

*Base XSD Type: date

WarrantyStatus

These field(s) use this type: WarrantyStatus.

Whether warranty is still applicable

Name	WarrantyStatus
------	----------------

*Base XSD Type: string

WarrantyTransferInd

These field(s) use this type: WarrantyTransferInd.

Indicates if warranty is transferable

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

*Base XSD Type: string

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

0	
---	--

1	
---	--

Year

Year

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

Change Retail Delivery Reporting

*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
Nilable	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>
```

Change

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

Change Retail Delivery Reporting

The Change verb is used when the sender of the BOD is not the owner of the data, but is sending a request for the document to be changed. An example of this is Change REQUISITN, where the original document needs to be changed based on a specific business event.

Name	Change
Type	Change
Nilable	no
Abstract	no

XML Instance Representation

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

ChangeRetailDeliveryReporting

These field(s) use this type: ChangeRetailDeliveryReporting.

Name	ChangeRetailDeliveryReporting
Type	ChangeRetailDeliveryReporting
Nilable	no
Abstract	no

XML Instance Representation

```
<ChangeRetailDeliveryReporting  
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> ChangeRetailDeliveryReportingDataArea </DataArea> [1]  
</ChangeRetailDeliveryReporting>
```

Change Retail Delivery Reporting

Header

Name	Header
Type	RetailDeliveryReportingHeader
Nilable	no
Abstract	no

XML Instance Representation

```
<Header>
  <DocumentDateTime> DocumentDateTime </DocumentDateTime> [0..1]
  <SecondaryPassword> SecondaryPassword </SecondaryPassword> [0..1]
  <SecondaryDealerNumber> SecondaryDealerNumber </SecondaryDealerNumber> [0..1]
  <DocumentId> DocumentId </DocumentId> [0..1]
  <SalesDate> SalesDate </SalesDate> [0..1]
  <DealerTransferDate> DealerTransferDate </DealerTransferDate> [0..1]
  <AcquisitionMethod> AcquisitionMethod </AcquisitionMethod> [0..1]
  <SaleCategory> SaleCategory </SaleCategory> [0..1]
  <SaleSubCategory> SaleSubCategory </SaleSubCategory> [0..*]
  <TransferringDealer> RDRDealerExtendedAddress </TransferringDealer> [0..1]
  <SalesPerson> SalesPersonAddress </SalesPerson> [0..*]
  <SalesManager> SalesPersonParty </SalesManager> [0..1]
  <FIManager> SalesPersonParty </FIManager> [0..1]
  <SellingSource> SellingSource </SellingSource> [0..1]
  <IndividualBuyer> IndividualBuyerPartyExtended </IndividualBuyer> [0..1]
  <OrganizationalBuyer> OrganizationalBuyerPartyExtended </OrganizationalBuyer> [0..1]
  <IndividualCo-Buyer> IndividualBuyerParty </IndividualCo-Buyer> [0..*]
  <OrganizationalCo-Buyer> OrganizationalBuyerParty </OrganizationalCo-Buyer> [0..*]
  <PrimaryDriver> IndividualBuyerParty </PrimaryDriver> [0..1]
  <SecondaryDriver> IndividualBuyerParty </SecondaryDriver> [0..*]
  <Financing> SoldFinancing </Financing> [0..1]
  <TradeIn> TradeIn </TradeIn> [0..*]
  <LocationId> LocationId </LocationId> [0..1]
</Header>
```

Change Retail Delivery Reporting

RetailDeliveryReporting

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

Name	RetailDeliveryReporting
Type	RetailDeliveryReporting
Nilable	no
Abstract	no

XML Instance Representation

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

Vehicle

Name	Vehicle
Type	SoldVehicle
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..*]
```

Change Retail Delivery Reporting

```
<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]
<Option> ExpandedOption </Option> [0..*]
<TransmissionCode> TransmissionCode </TransmissionCode> [0..1]
<DeliveryDate> DeliveryDate </DeliveryDate> [0..1]
<EngineNumber> EngineNumber </EngineNumber> [0..1]
<IgnitionKeyNumber> IgnitionKeyNumber </IgnitionKeyNumber> [0..1]
<AxleCode> AxleCode </AxleCode> [0..1]
<FleetAccount> FleetAccount </FleetAccount> [0..1]
<FleetVehicleId> FleetVehicleId </FleetVehicleId> [0..1]
<FleetPurchaseOrderNumber> FleetPurchaseOrderNumber </FleetPurchaseOrderNumber> [0..1]
<DoorKeyNumber> DoorKeyNumber </DoorKeyNumber> [0..1]
<VehicleWeight> VehicleWeight </VehicleWeight> [0..1]
<ExteriorColorCode> ExteriorColorCode </ExteriorColorCode> [0..*]
<InteriorColorCode> InteriorColorCode </InteriorColorCode> [0..*]
<PDIDate> PDIDate </PDIDate> [0..1]
<RegistrationState> RegistrationState </RegistrationState> [0..1]
<SecurityCode> SecurityCode </SecurityCode> [0..1]
<Warranty> WarrantyAdditional </Warranty> [0..*]
<ServiceContract> SoldServiceContract </ServiceContract> [0..*]
<PDITechnician> ServiceTechnician </PDITechnician> [0..1]
<MarketingInitiatives> MarketingInitiatives </MarketingInitiatives> [0..*]
```

Change Retail Delivery Reporting

```
<Tire> Tire </Tire> [0..*]  
<EngineDisplacement> EngineDisplacement </EngineDisplacement> [0..1]  
<EngineDescription> EngineDescription </EngineDescription> [0..1]  
<CommercialUsageInd> CommercialUsageInd </CommercialUsageInd> [0..1]  
</Vehicle>
```

Verb

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

Name	Verb
Type	Verb
Niltable	no
Abstract	yes

XML Instance Representation

```
<Verb/>
```


Change Retail Delivery Reporting
