



Standards for Technology in Automotive Retail

**Implementation Guidelines
Change Sales Lead
Repository Version Rev4.5.4**

Table of Contents

Overview	1
Schema Field Usage	1
Business Scenario	1
Relationship Diagram	3
Schema Document Properties	4
Components and Data Types	5
ActivityId	5
Address	5
AddressBase	6
AlternatePartyId	7
Amount	7
ApplicationArea	8
Appointment	10
AppointmentBase	10
ApprovedAmount	11
BalanceAmount	11
BasePaymentAmount	12
BrandedInfo	12
BrandingStateCode	13
BusinessObjectDocument	13
Change	15
ChangeSalesLead	15
ChangeSalesLeadDataArea	16
Child	17
ChildBase	18
Children	18
CodeType	19
CompetingVehicle	20
ConfirmableVerb	20
ContactBase	21
ContractTermMileage	22
Count	22

<u>CurrentFinancing</u>	23
<u>CurrentMileage</u>	24
<u>DealerParty</u>	24
<u>DealerPartyBase</u>	26
<u>DefaultCurrency</u>	26
<u>DeliveryMileage</u>	27
<u>Demographics</u>	27
<u>Description</u>	29
<u>Destination</u>	30
<u>Dimension</u>	31
<u>DocumentId</u>	32
<u>DoorsQuantity</u>	32
<u>DownPaymentAmount</u>	32
<u>EngineMake</u>	33
<u>EngineModelName</u>	33
<u>ExpandedOption</u>	34
<u>FinalAmount</u>	36
<u>HeaderBase</u>	36
<u>Hours</u>	37
<u>HouseholdIncome</u>	37
<u>HouseholdSize</u>	38
<u>Id</u>	38
<u>ImageAttachment</u>	39
<u>ImageHeight</u>	39
<u>ImageWidth</u>	40
<u>Income</u>	40
<u>IndividualParty</u>	41
<u>IndividualPartyAddress</u>	42
<u>IndividualPartyAlternatePartyId</u>	43
<u>IndividualPartyBase</u>	43
<u>IndividualPartyContact</u>	44
<u>IndividualPartyContactEMail</u>	45
<u>IndividualPartyContactFax</u>	46

<u>IndividualPartyContactTelephoneNumber</u>	46
<u>IndividualPartyPersonName</u>	47
<u>ItemId</u>	48
<u>LeadResponseTime</u>	48
<u>LocationId</u>	49
<u>MarineVehicleRequirements</u>	49
<u>Marketing</u>	50
<u>MarketingBase</u>	51
<u>MaximumLimitAmount</u>	52
<u>MaximumVehicleLength</u>	52
<u>MaximumVehiclePrice</u>	53
<u>Mileage</u>	53
<u>MinimumLimitAmount</u>	54
<u>MinimumVehicleLength</u>	54
<u>MinimumVehiclePrice</u>	55
<u>Minutes</u>	55
<u>NewFinancing</u>	55
<u>NewSalesFinancing</u>	57
<u>NonTaxableAmount</u>	59
<u>NumberOfChildren</u>	59
<u>NumberOfEngines</u>	60
<u>Option</u>	60
<u>OptionBase</u>	61
<u>OptionCost</u>	61
<u>OptionMSRP</u>	62
<u>OptionPackageld</u>	62
<u>OptionPrice</u>	63
<u>OptionType</u>	63
<u>OrganizationAddress</u>	64
<u>OrganizationalParty</u>	65
<u>OrganizationalPartyAlternatePartyId</u>	66
<u>OrganizationContact</u>	66
<u>OrganizationContactPersonName</u>	68

<u>OrganizationId</u>	68
<u>OrganizationPartyBase</u>	69
<u>OrganizationPartyEmail</u>	69
<u>OrganizationPartyFax</u>	70
<u>OrganizationPartyTelephone</u>	70
<u>OwnedVehicle</u>	71
<u>Package</u>	73
<u>PartyBase</u>	74
<u>PartyId</u>	74
<u>PaymentAmount</u>	75
<u>Percent</u>	75
<u>PerDiemAmount</u>	75
<u>PreApprovalID</u>	76
<u>PreferenceDetail</u>	76
<u>Pricing</u>	77
<u>PricingDelta</u>	78
<u>ProgramId</u>	79
<u>ProgramIdDescription</u>	79
<u>ProgramOffer</u>	79
<u>ProviderContact</u>	80
<u>ProviderParty</u>	81
<u>PurchasePrice</u>	82
<u>Quantity</u>	82
<u>Rating</u>	83
<u>RatingIndex</u>	84
<u>ResidualAmount</u>	84
<u>RestrictionDescription</u>	84
<u>SalesActivity</u>	85
<u>SalesActivityBase</u>	86
<u>SalesFinancing</u>	88
<u>SalesLead</u>	89
<u>SalesLeadDetail</u>	90
<u>SalesLeadDetailBase</u>	91

SalesLeadHeader	92
SalesLeadHeaderBase	94
SalesVehicle	96
SalesVehiclePricing	99
SecondaryDealerNumber	100
SecurityDepositAmount	100
Sender	101
SenderBase	104
ServiceId	105
Signature	105
Tax	106
TaxAmount	107
TaxDescription	108
TaxRate	108
Term	108
TotalEngineHours	109
TotalEnginePower	109
TotalTaxableAmount	110
TotalVehicleHours	110
TradeAllowanceAmount	111
UnitSalesTaxAmount	111
Vehicle	111
VehicleBase	112
VehiclePrice	114
Verb	115
WholesaleValueAmount	115
AccountingDate	116
ActivityDateTime	116
ActivityNote	116
ActivityResult	116

ActivityType	117
AddressLine	117
AddressQualifier	117
AppointmentDateTime	118
AppointmentLocation	118
AppointmentNotes	118
ApprovedInd	119
AssigningOrganizationPartyId	119
AssigningPartyId	120
BirthDate	121
BoatEngineType	121
BodyStyle	121
BrandedTitleDate	122
BrandedTitleInd	122
BrandingSource	122
BrandingStateReference	123
CertifiedPreownedInd	123
City	123
ClientAdvisorName	124
Code	124
CompanyName	124
Condition	124
ConfirmType	125
ContactTelephoneNumberDescription	125
ContactTelephoneNumberOrganizationDescription	125
ContactTime	126
Country	126
County	138
Currency	139
CustomerComments	146
CustomerQualities	146
Date	146
DateTime	147

<u>DBAName</u>	147
<u>DealerInstallationInd</u>	147
<u>DealerName</u>	148
<u>Decimal</u>	148
<u>Delta</u>	148
<u>Department</u>	148
<u>DepartmentType</u>	149
<u>DimensionMeasure</u>	149
<u>DiscountEligibility</u>	149
<u>DistrictCode</u>	150
<u>DocumentDateTime</u>	150
<u>EducationLevel</u>	150
<u>EffectiveDate</u>	150
<u>EmailResult</u>	151
<u>EngineModelYear</u>	151
<u>EngineType</u>	151
<u>EthnicBackground</u>	152
<u>ExpirationDate</u>	152
<u>ExteriorColor</u>	152
<u>FamilyName</u>	152
<u>FinanceCompanyName</u>	153
<u>FinanceType</u>	153
<u>FinancingComments</u>	153
<u>FirstTimeBuyerInd</u>	153
<u>FormattedName</u>	154
<u>Gender</u>	154
<u>GivenName</u>	154
<u>HIN</u>	155
<u>Hobbies</u>	155
<u>HomeWork</u>	155
<u>HouseholdIncomeRange</u>	156
<u>ImageAlternateText</u>	156
<u>IncomePeriod</u>	156

<u>Indicator</u>	157
<u>InteriorColor</u>	158
<u>IssuingState</u>	158
<u>Language</u>	158
<u>LastPaymentDate</u>	165
<u>LeadComments</u>	165
<u>LeadIndustryType</u>	165
<u>LeadInterest</u>	166
<u>LeadReceipt</u>	167
<u>LeadRequestType</u>	167
<u>LeadSource</u>	167
<u>LeadSourceURI</u>	167
<u>LeadStatus</u>	168
<u>LeadType</u>	168
<u>LicenseNumber</u>	168
<u>Make</u>	169
<u>Manufacturer</u>	169
<u>ManufacturerInstalledInd</u>	169
<u>MaritalStatus</u>	170
<u>MarketingMailInd</u>	170
<u>MaterialRequested</u>	171
<u>MaterialSent</u>	171
<u>MaturityDate</u>	171
<u>MaximumVehicleModelYear</u>	171
<u>MiddleName</u>	172
<u>MileageMeasure</u>	172
<u>MinimumVehicleModelYear</u>	172
<u>MiscellaneousCode</u>	172
<u>Model</u>	173
<u>ModelDescription</u>	173
<u>ModelYear</u>	173
<u>Name</u>	173
<u>NewProspectInd</u>	174

NonUSVehicleInd	174
Note	175
Occupation	175
OdometerStatus	175
OpportunityMethod	175
OpportunityType	176
OptionName	176
OptionNotes	176
OptionOrigin	176
OptionSalesCode	177
OptionSecurityCode	177
OptionSerialNumber	177
OptionStockNumber	177
OrganizationName	178
OwnedType	178
PackageCode	178
PartType	179
PayoffDate	179
PhaseCode	179
PortInstalledInd	179
PostalCode	180
Preference	180
PreferredContactMethod	180
PreferredContactMethodOrganization	181
PreferredVehicleCategory	182
PriceExplanation	182
PricingType	182
PricingTypeSource	183
PrimaryContactInd	183
ProgramOfferCode	183
ProviderName	184
PurchaseDate	184
PurchaseEarliestDate	184

PurchaseLatestDate	184
Reference	185
ReferenceNumber	185
RelativeTo	185
RequestContactInd	185
ResidenceType	186
RestrictionInd	186
SaleClass	186
SalesPersonName	187
Salutation	187
SecondaryPassword	188
SelectionMethod	188
SerialNumber	188
SeriesCode	188
SeriesName	189
ShortMfg	189
SortName	189
SpouseSignificantOther	189
StateOrProvince	190
Suffix	190
SystemVersion	190
TaxabilityInd	190
TaxType	191
TaxTypeInd	193
TelematicsServiceInd	194
TermLength	195
Text	195
TradeInInd	195
TrailerIncludedInd	196
TransmissionType	196
TrimCode	197
Type	198
UOM	198

UrbanizationCode	199
URI	199
VehicleDemoInd	200
VehicleNote	200
VehicleStock	200
VIN	200
Year	201
ZoneCode	201
Fields and Global Attributes	202
ApplicationArea	202
Change	202
ChangeSalesLead	203
Detail	204
Header	204
SalesLead	205
Verb	206

Change Sales Lead

Change Sales Lead Guidelines

Overview

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

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

Business Scenario

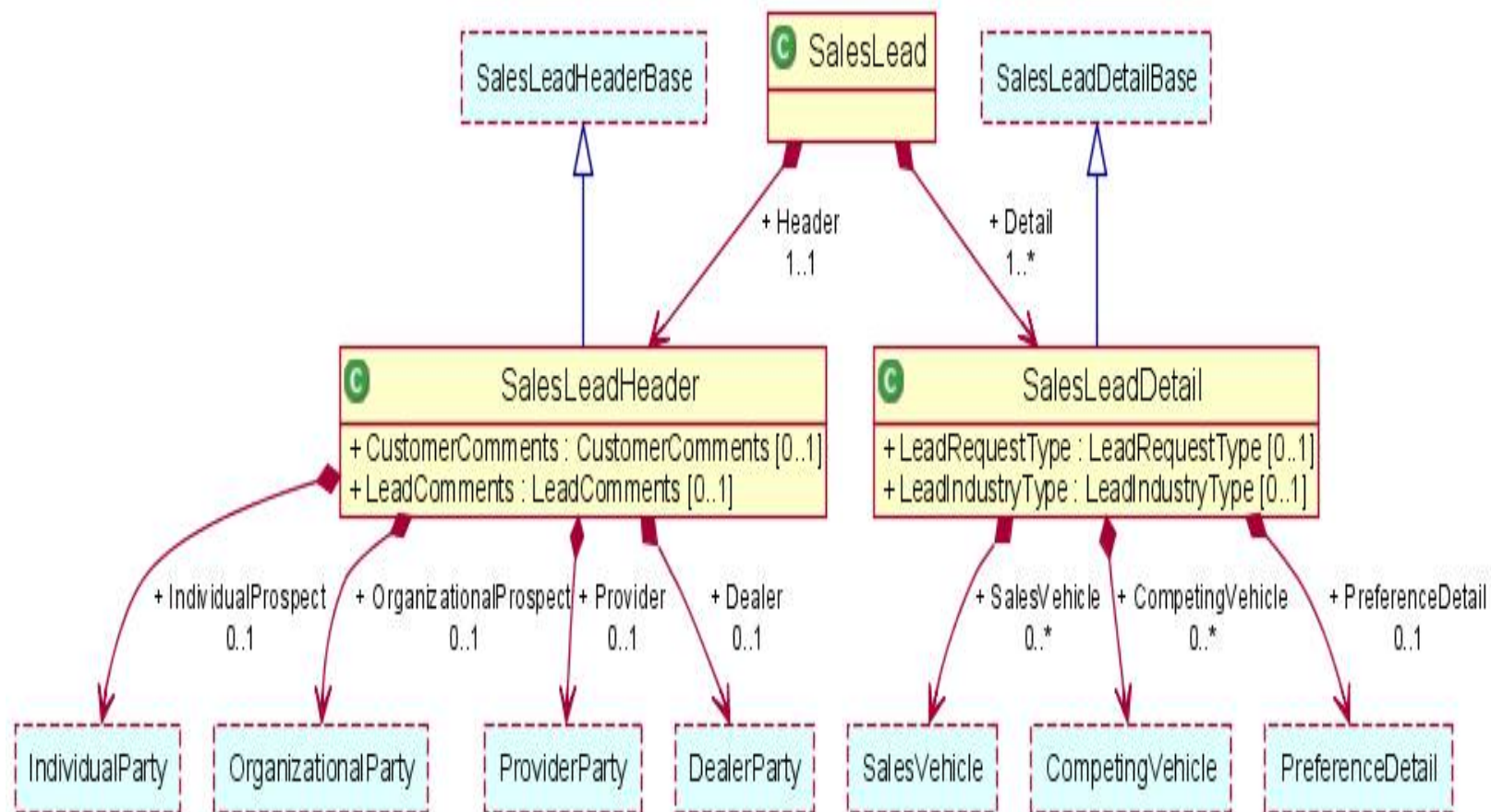
Change Sales Lead

The Sales Lead Binary Collaboration starts with the push of a Sales Lead from the OEM to the Dealer. After this occurs, either the OEM or the Dealer may update the Sales Lead as many time as is needed. Note: This scenario is an example of how the Sales Lead BOD can be used. Implementations may vary.

Change Sales Lead

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.

ActivityId

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

Source-assigned unique event ID

Name	ActivityId
Abstract	no

XML Instance Representation

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

Address

Name	Address
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
qualifier		R	

Data Elements and Components

Change Sales Lead

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

```
<...  
  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	

Change Sales Lead

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

XML Instance Representation

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

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

Change Sales Lead

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

ApplicationArea

These field(s) use this type: [ApplicationArea](#).

Name	ApplicationArea
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Sender	Identifies characteristics and control identifiers that relate to the application that created the Business Object Document. The sender area can indicate the logical location of the application and/or database server, the application, and the task that was processing to create the BOD.	R	

Change Sales Lead

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

XML Instance Representation

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

Change Sales Lead

Appointment

These field(s) use this type: Appointment.

Name	Appointment
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
AppointmentDateTime	Date and time of the appointment	O	
AppointmentLocation	Location of the appointment... For example: Office; Home	O	
AppointmentNotes	Comments that relate to the appointment.	O	

XML Instance Representation

```
<...>  
  <AppointmentDateTime> AppointmentDateTime </AppointmentDateTime> [0..1]  
  <AppointmentLocation> AppointmentLocation </AppointmentLocation> [0..1]  
  <AppointmentNotes> AppointmentNotes </AppointmentNotes> [0..1]  
</...>
```

AppointmentBase

Based on oa:Appointment

Name	AppointmentBase
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
AppointmentDateTime	Date and time of the appointment	O	
AppointmentLocation	Location of the appointment... For example: Office; Home	O	

Change Sales Lead

Field / Component	Description	R/O	Business Rule
AppointmentNotes	Comments that relate to the appointment.	O	

XML Instance Representation

```
<...>
  <AppointmentDateTime> AppointmentDateTime </AppointmentDateTime> [0..1]
  <AppointmentLocation> AppointmentLocation </AppointmentLocation> [0..1]
  <AppointmentNotes> AppointmentNotes </AppointmentNotes> [0..1]
</...>
```

ApprovedAmount

These field(s) use this type: ApprovedAmount.

Amount pre-approved

Name	ApprovedAmount
Abstract	no

XML Instance Representation

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

BalanceAmount

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

Remaining balance on Current Vehicle

Name	BalanceAmount
Abstract	no

XML Instance Representation

Change Sales Lead

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

BasePaymentAmount

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

Monthly payment amount before dealer add-ons (i.e., does not include fees, taxes, etc.)

Name	BasePaymentAmount
Abstract	no

XML Instance Representation

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

BrandedInfo

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

Name	BrandedInfo
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
BrandedTitleInd	This tag indicates if a vehicle's title has been branded. (i.e., vehicle totaled and state registration title branded as such)	O	
BrandedTitleDate	Branding Date	O	YYYY-MM-DD
BrandingStateCode	Branding State Code	O	

Change Sales Lead

Field / Component	Description	R/O	Business Rule
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

XML Instance Representation

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

BusinessObjectDocument

Name	BusinessObjectDocument
Abstract	no

Change Sales Lead

Attributes

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

Data Elements and Components

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

Change Sales Lead

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]  
</...>
```

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]"/>
```

ChangeSalesLead

These field(s) use this type: ChangeSalesLead.

Name	ChangeSalesLead
Abstract	no

Change Sales Lead

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

ChangeSalesLeadDataArea

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

Name	ChangeSalesLeadDataArea
Abstract	no

Data Elements and Components

Change Sales Lead

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.		
SalesLead		R	

XML Instance Representation

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

Child

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

Name	Child
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
BirthDate	Birth date of child	O	
Gender	Gender of child	O	
PersonName	Name of child	O	

XML Instance Representation

```
<...>  
  <BirthDate> BirthDate </BirthDate> [0..1]  
  <Gender> Gender </Gender> [0..1]  
  <PersonName> IndividualPartyPersonName </PersonName> [0..1]  
</...>
```

Change Sales Lead

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

ChildBase

Name	ChildBase
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
BirthDate	Birth date of child	O	
Gender	Gender of child	O	

XML Instance Representation

```
<...>  
  <BirthDate> BirthDate </BirthDate> [0..1]  
  <Gender> Gender </Gender> [0..1]  
</...>
```

Children

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

Name	Children
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
NumberOfChildren	Total number of children in household	O	
Child	information on the children in household	O	

XML Instance Representation

Change Sales Lead

```
<...>
  <NumberOfChildren> NumberOfChildren </NumberOfChildren> [0..1]
  <Child> Child </Child> [0..*]
</...>
```

CodeType

Unique code name

Name	CodeType
Abstract	no

Attributes

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

XML Instance Representation

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

Change Sales Lead

CompetingVehicle

These field(s) use this type: CompetingVehicle.

Name	CompetingVehicle
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	
Manufacturer	Manufacturer Name	O	Competitive manufacturer the contact is interested in.

XML Instance Representation

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

ConfirmableVerb

Change Sales Lead

Name	ConfirmableVerb
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
confirm		R	

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Verb		R	

XML Instance Representation

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

ContactBase

Name	ContactBase
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Telephone	Contact telephone numbers	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	

Change Sales Lead

Field / Component	Description	R/O	Business Rule
PrimaryContactInd	Indicates if contact is primary contact	O	

XML Instance Representation

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

ContractTermMileage

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

Mileage allowed under terms of contract

Name	ContractTermMileage
Abstract	no

XML Instance Representation

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

Count

Simple quantity type with no attributes

Name	Count
Abstract	no

Change Sales Lead

XML Instance Representation

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

CurrentFinancing

Name	CurrentFinancing
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
FinanceType	Type of financing Examples may be F- Finance, L - Lease, C-Cash, 1-Retail, 2-Lease, 3-Balloon, etc..	O	
PaymentAmount	Monthly Payment Amount	O	
BalanceAmount	Remaining balance on Current Vehicle	O	
FinalAmount	Last month payment amount	O	
ResidualAmount	Remaining residual on current vehicle	O	
Term	Number of months of contract term	O	
MaturityDate	Month and year of contract maturity	O	
FinanceCompanyName	Name of Finance Company	O	
WholesaleValueAmount	Actual wholesale value of the vehicle.	O	
TradeAllowanceAmount	Trade Allowance is the second component of the negotiated trade vehicle amount, the primary portion being the wholesale amount of the trade vehicle.	O	

XML Instance Representation

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

Change Sales Lead

```
<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]
<WholesaleValueAmount> WholesaleValueAmount </WholesaleValueAmount> [0..1]
<TradeAllowanceAmount> TradeAllowanceAmount </TradeAllowanceAmount> [0..1]
</...>
```

CurrentMileage

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

Odometer reading of vehicle at the current time

Name	CurrentMileage
Abstract	no

XML Instance Representation

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

DealerParty

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

Name	DealerParty
Abstract	no

Data Elements and Components

Change Sales Lead

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	
SalesContact	Dealer party contact information	O	
SalesPersonName	Name of Salesperson. Format for name should be "First Last" with no commas between first and last name	O	
DepartmentType	Identifies the internal department	O	(INACTIVE)
OrganizationId	Member Identification number of affiliate organization	O	(INACTIVE)
OrganizationName	OrganizationName	O	(INACTIVE)
SelectionMethod	Method used to select dealer Example: PF for preferred, PM for PMA, DI for distance, etc.	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]
  <SalesContact> OrganizationContact </SalesContact> [0..1]
  <SalesPersonName> SalesPersonName </SalesPersonName> [0..1]
  <DepartmentType> DepartmentType </DepartmentType> [0..1]
  <OrganizationId> OrganizationId </OrganizationId> [0..1]

```

Change Sales Lead

```
<OrganizationName> OrganizationName </OrganizationName> [0..1]
<SelectionMethod> SelectionMethod </SelectionMethod> [0..1]
</...>
```

DealerPartyBase

Name	DealerPartyBase
Abstract	no

Data Elements and Components

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

XML Instance Representation

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

DefaultCurrency

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

Currency used for transactions

Change Sales Lead

Name	DefaultCurrency
Abstract	no

XML Instance Representation

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

DeliveryMileage

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

Odometer reading of vehicle at time of delivery

Name	DeliveryMileage
Abstract	no

XML Instance Representation

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

Demographics

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

represents information about the demographics of an individual. Note: THis needed to be copied from OAGIS to specify STAR min/max differences

Name	Demographics
Abstract	no

Data Elements and Components

Change Sales Lead

Field / Component	Description	R/O	Business Rule
Hobbies	Customer's interest - Ex: skiing; tennis	O	
EducationLevel	Last Year of education completed>	O	
EthnicBackground	Code for customer ethnic background.	O	(INACTIVE)
Gender	Gender of party	O	
Income	Gross amount of income generated by party	O	
HouseholdIncome	Gross amount of income generated by Household	O	
MaritalStatus	Identifies marital status of business party	O	Values: M - Married, U - Unmarried, S - Separated, O - Other
Occupation	Occupation of business party	O	
Language	Business party native language	O	
BirthDate	Birth date of party	O	YYYY-MM-DD
SpouseSignificantOther	Spousal Unit Significant Other	O	(INACTIVE)
HouseholdSize	Total number of persons in household including children	O	
Children	Children of party	O	
FirstTimeBuyerInd	Identifies customer as first time buyer	O	(INACTIVE)
CustomerQualities	Customer demographic identifiers as defined by customer	O	(INACTIVE)
ResidenceType	Business Partner's type of residence (i.e., Own, Rent)	O	(INACTIVE)
NewProspectInd	Identifies customer as a new prospect to the brand	O	(INACTIVE)
HouseholdIncomeRange	The range of a household's income	O	

Change Sales Lead

XML Instance Representation

```
<...>
  <Hobbies> Hobbies </Hobbies> [0..*]
  <EducationLevel> EducationLevel </EducationLevel> [0..1]
  <EthnicBackground> EthnicBackground </EthnicBackground> [0..1]
  <Gender> Gender </Gender> [0..1]
  <Income> Income </Income> [0..*]
  <HouseholdIncome> HouseholdIncome </HouseholdIncome> [0..*]
  <MaritalStatus> MaritalStatus </MaritalStatus> [0..1]
  <Occupation> Occupation </Occupation> [0..1]
  <Language> Language </Language> [0..1]
  <BirthDate> BirthDate </BirthDate> [0..1]
  <SpouseSignificantOther> SpouseSignificantOther </SpouseSignificantOther> [0..1]
  <HouseholdSize> HouseholdSize </HouseholdSize> [0..1]
  <Children> Children </Children> [0..1]
  <FirstTimeBuyerInd> FirstTimeBuyerInd </FirstTimeBuyerInd> [0..1]
  <CustomerQualities> CustomerQualities </CustomerQualities> [0..1]
  <ResidenceType> ResidenceType </ResidenceType> [0..1]
  <NewProspectInd> NewProspectInd </NewProspectInd> [0..1]
  <HouseholdIncomeRange> HouseholdIncomeRange </HouseholdIncomeRange> [0..1]
</...>
```

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 Sales Lead

```
<...  
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 Sales Lead

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]
</...>
```

Dimension

Dimension measurement

Name	Dimension
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
uom		R	

Change Sales Lead

XML Instance Representation

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

DocumentId

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

Is the identifier for the document.

Name	DocumentId
Abstract	no

XML Instance Representation

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

DoorsQuantity

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

Number of doors on vehicle

Name	DoorsQuantity
Abstract	no

XML Instance Representation

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

DownPaymentAmount

Change Sales Lead

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

Down Payment amount or amount of cap cost reduction.

Name	DownPaymentAmount
Abstract	no

XML Instance Representation

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

EngineMake

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

Make of engine on or for a vehicle.

Name	EngineMake
Abstract	no

XML Instance Representation

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

EngineModelName

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

Model name of engine on or for a vehicle.

Name	EngineModelName
Abstract	no

Change Sales Lead

XML Instance Representation

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

ExpandedOption

These field(s) use this type: Option,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	(INACTIVE)
ManufacturerInstalledInd	Indicates manufacturer-installed accessories	O	(INACTIVE)
OptionCost	Actual Dealer cost of option	O	(INACTIVE)
OptionMSRP	Option MSRP	O	(INACTIVE)
OptionOrigin	Identifies the option installer	O	(INACTIVE)

Change Sales Lead

Field / Component	Description	R/O	Business Rule
OptionSerialNumber	Serial number of Option	O	(INACTIVE)
ItemId	Part number identifier of Option	O	(INACTIVE)
PartType	Specifies whether the parts are indicated by manufacturer part code or Part Number	O	(INACTIVE)
OptionNotes	Free form text related to option	O	(INACTIVE)
DealerInstallationInd	Dealer installed accessories, before delivery of vehicle - Could be used for new or used vehicle, if applicable	O	(INACTIVE)
MiscellaneousCode	Miscellaneous codes relating to vehicle (i.e., sales codes)	O	(INACTIVE)
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#Ã¢Ã#Ã#Ã!	O	(INACTIVE)
OptionSalesCode	Further definition of accessories and option packages - Indicates whether O ordered option, special package, standard, etc.	O	(INACTIVE)
PortInstalledInd	Indicates Port-installed accessories	O	(INACTIVE)

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]

```

Change Sales Lead

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

FinalAmount

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

Last month payment amount

Name	FinalAmount
Abstract	no

XML Instance Representation

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

HeaderBase

Used on all STAR BODs

Name	HeaderBase
Abstract	no

Data Elements and Components

Change Sales Lead

Field / Component	Description	R/O	Business Rule
DocumentDateTime	Is the date and time the document was last created. This is not the date and time that the BOD message instance was created.	O	
SecondaryPassword	Secondary password used to validate access to the dealer information	O	
SecondaryDealerNumber	Identifies secondary dealer number if different than primary "Dealer Number"	O	

XML Instance Representation

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

Hours

Hours

Name	Hours
Abstract	no

XML Instance Representation

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

HouseholdIncome

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

Gross amount of income generted by Household

Name	HouseholdIncome
Abstract	no

Change Sales Lead

XML Instance Representation

```
<...  
currency="Currency [1]"  
period="IncomePeriod [1]">  
  Income  
</...>
```

HouseholdSize

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

Total number of persons in household including children

Name	HouseholdSize
Abstract	no

XML Instance Representation

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

Id

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

Party Identification number

Name	Id
Abstract	no

XML Instance Representation

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

Change Sales Lead

ImageAttachment

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

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

Name	ImageAttachment
Abstract	no

Data Elements and Components

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

XML Instance Representation

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

ImageHeight

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

Image tag height Example: "120"

Name	ImageHeight
Abstract	no

Change Sales Lead

XML Instance Representation

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

ImageWidth

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

Image tag width. Example: "100"

Name	ImageWidth
Abstract	no

XML Instance Representation

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

Income

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

Gross amount of income

Name	Income
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
currency		R	
period		R	

Change Sales Lead

XML Instance Representation

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

IndividualParty

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

Name	IndividualParty
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	
Demographics	Individual party demographics	O	
MarketingMailInd	Indicates customers whom have requested no marketing mail	O	(INACTIVE)
OwnedVehicle	Vehicle(s) owned by individual party	O	

XML Instance Representation

```
<...>  
  <PartyId> PartyId </PartyId> [0..1]  
  <AlternatePartyIds> IndividualPartyAlternatePartyId </AlternatePartyIds> [0..*]
```

Change Sales Lead

```
<PersonName> IndividualPartyPersonName </PersonName> [0..1]
<Address> IndividualPartyAddress </Address> [0..*]
<Contact> IndividualPartyContact </Contact> [0..1]
<Demographics> Demographics </Demographics> [0..1]
<MarketingMailInd> MarketingMailInd </MarketingMailInd> [0..1]
<OwnedVehicle> OwnedVehicle </OwnedVehicle> [0..*]
</...>
```

IndividualPartyAddress

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

Name	IndividualPartyAddress
Abstract	no

Data Elements and Components

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

XML Instance Representation

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


Change Sales Lead

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

IndividualPartyAlternatePartyId

These field(s) use this type: AlternatePartyIds.

Name	IndividualPartyAlternatePartyId
Abstract	no

Data Elements and Components

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

XML Instance Representation

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

IndividualPartyBase

Change Sales Lead

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	

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.

Individual contact informaion

Name	IndividualPartyContact
-------------	-------------------------------

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

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Telephone	Contact telephone numbers	O	

Change Sales Lead

Field / Component	Description	R/O	Business Rule
EmailAddress	Contact Email addresses	O	
Fax	Contact Fax numbers	O	
PreferredContactMethod	Preferred contact method	O	
ContactTime	Preferred contact time (i.e. Best day/time to reach the contact.	O	
PrimaryContactInd	Indicates if contact is primary contact	O	
PersonName	Contact name	O	If both the IndividualProspect person name and the contact person name are the same, do not populate the contact person name.

XML Instance Representation

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

IndividualPartyContactEMail

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

Individual Party email

Name	IndividualPartyContactEMail
Abstract	no

Attributes

Change Sales Lead

Field / Component	Description	R/O	Business Rule
desc		R	

XML Instance Representation

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

IndividualPartyContactFax

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

Individual Party Fax number

Name	IndividualPartyContactFax
Abstract	no

Attributes

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

Change Sales Lead

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  
</...>
```

IndividualPartyPersonName

These field(s) use this type: PersonName,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	

Change Sales Lead

Field / Component	Description	R/O	Business Rule
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	(INACTIVE)

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]
</...>
```

ItemId

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

Item part number

Name	ItemId
Abstract	no

XML Instance Representation

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

LeadResponseTime

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

Response Time is the time (minutes) that it took the salesperson at the dealership to first respond (not auto-respond) to the prospect. This is time in

Change Sales Lead

business minutes (minus hours closed business time).

Name	LeadResponseTime
Abstract	no

XML Instance Representation

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

LocationId

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

Code identifying a physical location

Name	LocationId
Abstract	no

XML Instance Representation

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

MarineVehicleRequirements

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

The MarineVehicleRequirements component contains information specific to marine vehicles, i.e. boats.

Name	MarineVehicleRequirements
Abstract	no

Data Elements and Components

Change Sales Lead

Field / Component	Description	R/O	Business Rule
HIN	Hull identification number.	O	
NumberOfEngines	Number of engines on vehicle.	O	
BoatEngineType	Type of engine on or for a boat.	O	

XML Instance Representation

```
<...>
  <HIN> HIN </HIN> [0..1]
  <NumberOfEngines> NumberOfEngines </NumberOfEngines> [0..1]
  <BoatEngineType> BoatEngineType </BoatEngineType> [0..1]
</...>
```

Marketing

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

Name	Marketing
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
ProgramId	Marketing Program Id	O	
ProgramIdDescription	Descriptive title of the marketing program	O	
ProgramOffer	Description of the Marketing program offer made by manufacturer	O	
OpportunityType	Marketing opportunities with this customer - Example type -email; phone; postal code	O	
OpportunityMethod	Method used for marketing opportunity. Example -Survey/Marketing	O	
PhaseCode	A code identifying the Program Phase that determines the vehicle pricing	O	

Change Sales Lead

Field / Component	Description	R/O	Business Rule
EffectiveDate	The date on which the marketing program identified by PhaseCode became effective	O	
ProgramOfferCode	Marketing Program offer code assigned by manufacturer	O	

XML Instance Representation

```
<...>
  <ProgramId> ProgramId </ProgramId> [0..1]
  <ProgramIdDescription> ProgramIdDescription </ProgramIdDescription> [0..1]
  <ProgramOffer> ProgramOffer </ProgramOffer> [0..1]
  <OpportunityType> OpportunityType </OpportunityType> [0..1]
  <OpportunityMethod> OpportunityMethod </OpportunityMethod> [0..1]
  <PhaseCode> PhaseCode </PhaseCode> [0..1]
  <EffectiveDate> EffectiveDate </EffectiveDate> [0..1]
  <ProgramOfferCode> ProgramOfferCode </ProgramOfferCode> [0..1]
</...>
```

MarketingBase

Based on oa:Marketing

Name	MarketingBase
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
ProgramId	Marketing Program Id	O	
ProgramIdDescription	Descriptive title of the marketing program	O	
ProgramOffer	Description of the Marketing program offer made by manufacturer	O	
OpportunityType	Marketing opportunities with this customer - Example type -email; phone; postal code	O	

Change Sales Lead

Field / Component	Description	R/O	Business Rule
OpportunityMethod	Method used for marketing opportunity. Example -Survey/Marketing	O	
PhaseCode	A code identifying the Program Phase that determines the vehicle pricing	O	
EffectiveDate	The date on which the marketing program identified by PhaseCode became effective	O	

XML Instance Representation

```
<...>
  <ProgramId> ProgramId </ProgramId> [0..1]
  <ProgramIdDescription> ProgramIdDescription </ProgramIdDescription> [0..1]
  <ProgramOffer> ProgramOffer </ProgramOffer> [0..1]
  <OpportunityType> OpportunityType </OpportunityType> [0..1]
  <OpportunityMethod> OpportunityMethod </OpportunityMethod> [0..1]
  <PhaseCode> PhaseCode </PhaseCode> [0..1]
  <EffectiveDate> EffectiveDate </EffectiveDate> [0..1]
</...>
```

MaximumLimitAmount

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

Maximum Limit Amount for financing

Name	MaximumLimitAmount
Abstract	no

XML Instance Representation

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

MaximumVehicleLength

Change Sales Lead

These field(s) use this type: MaximumVehicleLength.

Maximum length of vehicle.

Name	MaximumVehicleLength
Abstract	no

XML Instance Representation

```
<...  
  uom="DimensionMeasure [1]">  
    Dimension  
</...>
```

MaximumVehiclePrice

These field(s) use this type: MaximumVehiclePrice.

Maximum price of vehicle.

Name	MaximumVehiclePrice
Abstract	no

XML Instance Representation

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

Mileage

Mileage definition

Name	Mileage
Abstract	no

Change Sales Lead

Attributes

Field / Component	Description	R/O	Business Rule
uom		O	

XML Instance Representation

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

MinimumLimitAmount

These field(s) use this type: MinimumLimitAmount.

Minimum Limit Amount for financing

Name	MinimumLimitAmount
Abstract	no

XML Instance Representation

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

MinimumVehicleLength

These field(s) use this type: MinimumVehicleLength.

Minimum length of vehicle.

Name	MinimumVehicleLength
Abstract	no

Change Sales Lead

XML Instance Representation

```
<...  
  uom="DimensionMeasure [1]">  
    Dimension  
</...>
```

MinimumVehiclePrice

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

Minimum price of vehicle.

Name	MinimumVehiclePrice
Abstract	no

XML Instance Representation

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

Minutes

Minutes

Name	Minutes
Abstract	no

XML Instance Representation

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

NewFinancing

Change Sales Lead

Name	NewFinancing
Abstract	no

Data Elements and Components

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

XML Instance Representation

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

Change Sales Lead

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

NewSalesFinancing

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

Name	NewSalesFinancing
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
FinanceType	Type of financing Examples may be F- Finance, L - Lease, C-Cash, 1-Retail, 2-Lease, 3-Balloon, etc..	O	
PaymentAmount	Monthly Payment Amount	O	
BalanceAmount	Remaining balance on Current Vehicle	O	
FinalAmount	Last month payment amount	O	
ResidualAmount	Remaining residual on current vehicle	O	
Term	Number of months of contract term	O	
MaturityDate	Month and year of contract maturity	O	

Change Sales Lead

Field / Component	Description	R/O	Business Rule
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	
ApprovedAmount	Amount pre-approved	O	
ExpirationDate	Date pre-approval expires	O	
RatingIndex	Rating Index Used for Credit Approval	O	
MaximumLimitAmount	Maximum Limit Amount for financing	O	
MinimumLimitAmount	Minimum Limit Amount for financing	O	
ClientAdvisorName	Indicates the name of the Client Advisor responsible for creating the Financing comments	O	(INACTIVE)
FinancingComments	Free form text area for Client Advisor to provide general comments about the Financing	O	(INACTIVE)
PreApprovalID	The pre-approval identifier assigned by the finance source.	O	

XML Instance Representation

```

<...>
  <FinanceType> FinanceType </FinanceType> [0..1]
  <PaymentAmount> PaymentAmount </PaymentAmount> [0..1]
  <BalanceAmount> BalanceAmount </BalanceAmount> [0..1]
  <FinalAmount> FinalAmount </FinalAmount> [0..1]
  <ResidualAmount> ResidualAmount </ResidualAmount> [0..1]
  <Term> Term </Term> [0..1]
  <MaturityDate> MaturityDate </MaturityDate> [0..1]
  <FinanceCompanyName> FinanceCompanyName </FinanceCompanyName> [0..1]
  <DownPaymentAmount> DownPaymentAmount </DownPaymentAmount> [0..1]
  <PurchasePrice> PurchasePrice </PurchasePrice> [0..1]

```


Change Sales Lead

```
<ApprovedInd> ApprovedInd </ApprovedInd> [0..1]
<ApprovedAmount> ApprovedAmount </ApprovedAmount> [0..1]
<ExpirationDate> ExpirationDate </ExpirationDate> [0..1]
<RatingIndex> RatingIndex </RatingIndex> [0..1]
<MaximumLimitAmount> MaximumLimitAmount </MaximumLimitAmount> [0..1]
<MinimumLimitAmount> MinimumLimitAmount </MinimumLimitAmount> [0..1]
<ClientAdvisorName> ClientAdvisorName </ClientAdvisorName> [0..1]
<FinancingComments> FinancingComments </FinancingComments> [0..1]
<PreApprovalID> PreApprovalID </PreApprovalID> [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
  </...>
```

NumberOfChildren

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

Total number of children in household

Name	NumberOfChildren
Abstract	no

XML Instance Representation

Change Sales Lead

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

NumberOfEngines

These field(s) use this type: NumberOfEngines.

Number of engines on the vehicle.

Name	NumberOfEngines
Abstract	no

XML Instance Representation

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

Option

Name	Option
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	

Change Sales Lead

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	

XML Instance Representation

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

OptionCost

Change Sales Lead

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]">  
    Amount  
</...>
```

OptionPackageld

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	OptionPackageld
Abstract	no

Change Sales Lead

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**.

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]"
```

Change Sales Lead

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

OrganizationAddress

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

Basic address used for organizations

Name	OrganizationAddress
Abstract	no

Data Elements and Components

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

XML Instance Representation

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

Change Sales Lead

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

OrganizationalParty

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

Name	OrganizationalParty
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
AlternatePartyIds	Alternate organizational party Identification	O	
Name	Company name of organizational party	O	
Address	Organizational Party address	O	
DBAName	Doing Business As name.	O	
Contact	Organizational Party contact information	O	
MarketingMailInd	Indicates customers whom have requested no marketing mail	O	(INACTIVE)
OwnedVehicle	Vehicle(s) owned by organizational party	O	

XML Instance Representation

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

Change Sales Lead

```
<Contact> OrganizationContact </Contact> [0..1]
<MarketingMailInd> MarketingMailInd </MarketingMailInd> [0..1]
<OwnedVehicle> OwnedVehicle </OwnedVehicle> [0..*]
</...>
```

OrganizationalPartyAlternatePartyId

These field(s) use this type: AlternatePartyIds.

Name	OrganizationalPartyAlternatePartyId
Abstract	no

Data Elements and Components

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

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,SalesContact.

Change Sales Lead

Name	OrganizationContact
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PersonName	Contact name	O	
Telephone	Contact telephone numbers	O	If the address has a North American country code, the telephone number must be a minimum of 10 numbers. (INACTIVE)
EMailAddress	Contact Email address	O	Should conform to the Internet message format as set forth by RFC 8822.
Fax	Contact Fax number	O	If the address has a North American country code, the telephone number must be a minimum of 10 numbers. (INACTIVE)
PreferredContactMethod	Preferred contact method	O	(INACTIVE)
ContactTime	Preferred contact time (i.e. Best day/time to reach the contact.	O	(INACTIVE)

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]
```

Change Sales Lead

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

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]  
</...>
```

OrganizationId

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

Member Identification number of affiliate organization

Name	OrganizationId
Abstract	no

Change Sales Lead

XML Instance Representation

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

OrganizationPartyBase

Name	OrganizationPartyBase
Abstract	no

Data Elements and Components

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

XML Instance Representation

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

OrganizationPartyEmail

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

Change Sales Lead

Organization email

Name	OrganizationPartyEmail
Abstract	no

XML Instance Representation

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

OrganizationPartyFax

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

OrganizationFax number

Name	OrganizationPartyFax
Abstract	no

XML Instance Representation

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

OrganizationPartyTelephone

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

OrganizationParty telephone number

Name	OrganizationPartyTelephone
Abstract	no

Attributes

Change Sales Lead

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

XML Instance Representation

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

OwnedVehicle

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

Name	OwnedVehicle
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	
SalesPersonName	name of salesperson. Format for name should be "First Last" with no commas between first and last name	O	

Change Sales Lead

Field / Component	Description	R/O	Business Rule
TradeInInd	Identifies vehicle being traded-in	O	
PurchaseDate	Vehicle Purchase/Lease Date	O	
CurrentFinancing	Financing for Owned Vehicle	O	
OwnedType	Type of vehicle for which information is being collected	O	
VIN	Federally defined 17 position vehicle identification number	O	
CurrentMileage	Odometer reading of vehicle at the current time	O	
TrailerIncludedInd	A flag to note whether the trailer is included.	O	
TotalVehicleHours	This is the total hours of vehicle use. Note: This is synonomous to mileage on an automobile. This is not engine hours.	O	
EngineModelYear	Model year of engine.	O	
EngineMake	Make of engine.	O	
EngineModelName	Model name of engine.	O	
TotalEnginePower	Engine total horsepower. EX: Triple250 has a TotalEngineHorsepower of 750.	O	
TotalEngineHours	Total hours of engine(s) use.	O	
MarineVehicleRequirements	The MarineVehicleRequirements component contains information specific to marine vehicles, i.e. boats.	O	
SecurityDepositAmount	Security deposit is the amount paid to cover damage, excess mileage or excess wear and tear on a leased vehicle.	O	
PayoffDate	The date until which the payoff quote for the vehicle is valid.	O	
PerDiemAmount	Daily charge if the vehicle is not returned by the payoff date.	O	

XML Instance Representation

```

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

```

Change Sales Lead

```
<ModelDescription> ModelDescription </ModelDescription> [0..1]
<Make> Make </Make> [0..1]
<SaleClass> SaleClass </SaleClass> [0..1]
<SalesPersonName> SalesPersonName </SalesPersonName> [0..1]
<TradeInInd> TradeInInd </TradeInInd> [0..1]
<PurchaseDate> PurchaseDate </PurchaseDate> [0..1]
<CurrentFinancing> SalesFinancing </CurrentFinancing> [0..1]
<OwnedType> OwnedType </OwnedType> [0..1]
<VIN> VIN </VIN> [0..1]
<CurrentMileage> CurrentMileage </CurrentMileage> [0..1]
<TrailerIncludedInd> TrailerIncludedInd </TrailerIncludedInd> [0..1]
<TotalVehicleHours> TotalVehicleHours </TotalVehicleHours> [0..1]
<EngineModelYear> EngineModelYear </EngineModelYear> [0..1]
<EngineMake> EngineMake </EngineMake> [0..1]
<EngineModelName> EngineModelName </EngineModelName> [0..1]
<TotalEnginePower> TotalEnginePower </TotalEnginePower> [0..1]
<TotalEngineHours> TotalEngineHours </TotalEngineHours> [0..1]
<MarineVehicleRequirements> MarineVehicleRequirements </MarineVehicleRequirements> [0..1]
<SecurityDepositAmount> SecurityDepositAmount </SecurityDepositAmount> [0..1]
<PayoffDate> PayoffDate </PayoffDate> [0..1]
<PerDiemAmount> PerDiemAmount </PerDiemAmount> [0..1]
</...>
```

Package

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

Name	Package
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PackageCode	Package code identifies package of options associated with vehicle	O	
Option	Vehicle Options	O	

Change Sales Lead

XML Instance Representation

```
<...>
  <PackageCode> PackageCode </PackageCode> [0..1]
  <Option> ExpandedOption </Option> [0..*]
</...>
```

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
</...>
```


Change Sales Lead

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

PaymentAmount

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

Monthly Payment Amount

Name	PaymentAmount
Abstract	no

XML Instance Representation

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

Percent

Percent

Name	Percent
Abstract	no

XML Instance Representation

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

PerDiemAmount

These field(s) use this type: PerDiemAmount.

Daily charge if the vehicle is not returned by the payoff date.

Name	PerDiemAmount
-------------	---------------

Change Sales Lead

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

XML Instance Representation

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

PreApprovalID

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

The pre-approval identifier assigned by the finance source.

Name	PreApprovalID
Abstract	no

XML Instance Representation

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

PreferenceDetail

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

The purpose of the PreferenceDetail component is to identify the preference parameters of a potential customer.

Name	PreferenceDetail
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
SaleClass	Class of vehicle sale, ie new, used, demo, floor sample, etc.	O	

Change Sales Lead

Field / Component	Description	R/O	Business Rule
MinimumVehiclePrice	Minimum price of vehicle.	O	
MaximumVehiclePrice	Maximum price of vehicle.	O	
MinimumVehicleModelYear	Minimum model year of vehicle.	O	
MaximumVehicleModelYear	Maximum model year of vehicle.	O	
Make	Make of vehicle.	O	
PreferredVehicleCategory	Customer's preferred category of vehicle (i.e., SUV, Stationwagon, Runabouts, Cruiser, Multi-hull).	O	
MinimumVehicleLength	Minimum length of vehicle.	O	
MaximumVehicleLength	Maximum length of vehicle.	O	

XML Instance Representation

```
<...>
  <SaleClass> SaleClass </SaleClass> [0..1]
  <MinimumVehiclePrice> MinimumVehiclePrice </MinimumVehiclePrice> [0..1]
  <MaximumVehiclePrice> MaximumVehiclePrice </MaximumVehiclePrice> [0..1]
  <MinimumVehicleModelYear> MinimumVehicleModelYear </MinimumVehicleModelYear> [0..1]
  <MaximumVehicleModelYear> MaximumVehicleModelYear </MaximumVehicleModelYear> [0..1]
  <Make> Make </Make> [0..*]
  <PreferredVehicleCategory> PreferredVehicleCategory </PreferredVehicleCategory> [0..*]
  <MinimumVehicleLength> MinimumVehicleLength </MinimumVehicleLength> [0..1]
  <MaximumVehicleLength> MaximumVehicleLength </MaximumVehicleLength> [0..1]
</...>
```

Pricing

Name	Pricing
Abstract	no

Data Elements and Components

Change Sales Lead

Field / Component	Description	R/O	Business Rule
VehiclePrice	Customer price of vehicle	R	
PriceExplanation	Explanatory Note for Pricing Example: Anniversary Edition	O	
PricingType	Designates type of pricing for vehicle transaction. Examples could be: QUOTE, MSRP, INVOICE, BLUEBOOK, TOTALFIGURE, OVERINVOICE, UNDERINVOICE, UNDERMSRP, OVERMSRP, CALL, NA, or OTHER	O	

XML Instance Representation

```
<...>  
  <VehiclePrice> VehiclePrice </VehiclePrice> [1]  
  <PriceExplanation> PriceExplanation </PriceExplanation> [0..1]  
  <PricingType> PricingType </PricingType> [0..1]  
</...>
```

PricingDelta

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

Used to express the price delta

Name	PricingDelta
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
delta		R	
relativeTo		R	

XML Instance Representation

```
<...  
delta="Delta [0..1]"
```

Change Sales Lead

```
relativeTo="RelativeTo [0..1]">
  Percent
</...>
```

ProgramId

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

Program Id Eg. Marketing

Name	ProgramId
Abstract	no

XML Instance Representation

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

ProgramIdDescription

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

Description of a program

Name	ProgramIdDescription
Abstract	no

XML Instance Representation

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

ProgramOffer

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

Change Sales Lead

Description of the program offering

Name	ProgramOffer
Abstract	no

XML Instance Representation

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

ProviderContact

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

Name	ProviderContact
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PersonName	Contact name	O	
Telephone	Contact telephone numbers	O	If the address has a North American country code, the telephone number must be a minimum of 10 numbers. (INACTIVE)
EMailAddress	Contact Email address	O	Should conform to the Internet message format as set forth by RFC 8822.

Change Sales Lead

Field / Component	Description	R/O	Business Rule
Fax	Contact Fax number	O	If the address has a North American country code, the telephone number must be a minimum of 10 numbers. (INACTIVE)
PreferredContactMethod	Preferred contact method	O	(INACTIVE)
ContactTime	Preferred contact time (i.e. Best day/time to reach the contact.	O	(INACTIVE)
Address	Provider contact address	O	
PrimaryContactInd	Indicates if contact is primary contact	O	(INACTIVE)

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

ProviderParty

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

Name	ProviderParty
Abstract	no

Change Sales Lead

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
Contact	Provider Party contact information	O	
ProviderName	Provider Name	O	
URI	Provider's URI	O	

XML Instance Representation

```
<...>
  <PartyId> PartyId </PartyId> [0..1]
  <Contact> ProviderContact </Contact> [0..*]
  <ProviderName> ProviderName </ProviderName> [0..1]
  <URI> URI </URI> [0..1]
</...>
```

PurchasePrice

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

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

Name	PurchasePrice
Abstract	no

XML Instance Representation

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

Quantity

A decimal value with uom

Change Sales Lead

Name	Quantity
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
uom		R	

XML Instance Representation

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

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  
</...>
```

Change Sales Lead

RatingIndex

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

Rating Index Used for Credit Approval

Name	RatingIndex
Abstract	no

XML Instance Representation

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

ResidualAmount

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

Remaining residual on current vehicle

Name	ResidualAmount
Abstract	no

XML Instance Representation

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

RestrictionDescription

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

Description of vehicle use restrictions

Name	RestrictionDescription
------	------------------------

Change Sales Lead

Abstract no

XML Instance Representation

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

SalesActivity

These field(s) use this type: SalesActivity.

Name SalesActivity

Abstract no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
ActivityId	Source-assigned unique event ID	O	
ActivityDateTime	Date and time that the activity took place	O	
ActivityType	Indicates type of activity Example: "Literature Request", "New Lead", "Dead Contact", "Traffic Report", "Sold", "EMail", "Letter", "Fax"	O	
MaterialRequested	Name of the materials the customer requested. (i.e., brochure, materials, etc.)	O	
MaterialSent	Name of the materials sent to the customer. (i.e., brochure, materials, etc.)	O	
EmailResult	Indicates Whether an Email was Sent. Example could be: S - Sent, digit- - number of times sent, R-Received, N-Not Sent, U-Undeliverable, b - Email address not available	O	
RequestContactInd	Indicates whether customer would like to be contacted.	O	
ActivityResult	Result of Activity - Ex: Bought competing Vehicle	O	

Change Sales Lead

Field / Component	Description	R/O	Business Rule
ActivityNote	Free form comments that relate to the activity	O	
SalesPersonName	Name of the salesperson or person creating the lead status or note	O	
LeadResponseTime	Response Time is the time (minutes) that it took the salesperson at the dealership to first respond (not auto-respond) to the prospect. This is time in business minutes (minus hours closed business time).	O	

XML Instance Representation

```
<...>
  <ActivityId> ActivityId </ActivityId> [0..1]
  <ActivityDateTime> ActivityDateTime </ActivityDateTime> [0..1]
  <ActivityType> ActivityType </ActivityType> [0..1]
  <MaterialRequested> MaterialRequested </MaterialRequested> [0..1]
  <MaterialSent> MaterialSent </MaterialSent> [0..1]
  <EmailResult> EmailResult </EmailResult> [0..1]
  <RequestContactInd> RequestContactInd </RequestContactInd> [0..1]
  <ActivityResult> ActivityResult </ActivityResult> [0..1]
  <ActivityNote> ActivityNote </ActivityNote> [0..1]
  <SalesPersonName> SalesPersonName </SalesPersonName> [0..1]
  <LeadResponseTime> LeadResponseTime </LeadResponseTime> [0..1]
</...>
```

SalesActivityBase

Based on oa:SalesActivity

Name	SalesActivityBase
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
ActivityId	Source-assigned unique event ID	O	

Change Sales Lead

Field / Component	Description	R/O	Business Rule
ActivityDateTime	Date and time that the activity took place	O	
ActivityType	Indicates type of activity Example: "Literature Request", "New Lead", "Dead Contact", "Traffic Report", "Sold", "EMail", "Letter", "Fax"	O	
MaterialRequested	Name of the materials the customer requested. (i.e., brochure, materials, etc.)	O	
MaterialSent	Name of the materials sent to the customer. (i.e., brochure, materials, etc.)	O	
EmailResult	Indicates Whether an Email was Sent. Example could be: S - Sent, digit - number of times sent, R-Received, N-Not Sent, U-Undeliverable, b - Email address not available	O	
RequestContactInd	Indicates whether customer would like to be contacted.	O	
ActivityResult	Result of Activity - Ex: Bought competing Vehicle	O	
ActivityNote	Free form comments that relate to the activity	O	
SalesPersonName	Name of the salesperson or person creating the lead status or note	O	
LeadResponseTime	Response Time is the time (minutes) that it took the salesperson at the dealership to first respond (not auto-respond) to the prospect. This is time in business minutes (minus hours closed business time).	O	

XML Instance Representation

```

<...>
  <ActivityId> ActivityId </ActivityId> [0..1]
  <ActivityDateTime> ActivityDateTime </ActivityDateTime> [0..1]
  <ActivityType> ActivityType </ActivityType> [0..1]
  <MaterialRequested> MaterialRequested </MaterialRequested> [0..1]
  <MaterialSent> MaterialSent </MaterialSent> [0..1]
  <EmailResult> EmailResult </EmailResult> [0..1]
  <RequestContactInd> RequestContactInd </RequestContactInd> [0..1]
  <ActivityResult> ActivityResult </ActivityResult> [0..1]
  <ActivityNote> ActivityNote </ActivityNote> [0..1]
  <SalesPersonName> SalesPersonName </SalesPersonName> [0..1]

```

Change Sales Lead

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

SalesFinancing

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

Name	SalesFinancing
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
FinanceType	Type of financing Examples may be F- Finance, L - Lease, C-Cash, 1-Retail, 2-Lease, 3-Balloon, etc..	O	
PaymentAmount	Monthly Payment Amount	O	
BalanceAmount	Remaining balance on Current Vehicle	O	
FinalAmount	Last month payment amount	O	
ResidualAmount	Remaining residual on current vehicle	O	
Term	Number of months of contract term	O	
MaturityDate	Month and year of contract maturity	O	
FinanceCompanyName	Name of Finance Company	O	
WholesaleValueAmount	Actual wholesale value of the vehicle.	O	
TradeAllowanceAmount	Trade Allowance is the second component of the negotiated trade vehicle amount, the primary portion being the wholesale amount of the trade vehicle.	O	
BasePaymentAmount	Monthly payment amount before dealer add-ons (i.e., does not include fees, taxes, etc.)	O	

Change Sales Lead

Field / Component	Description	R/O	Business Rule
LastPaymentDate	The date the last payment was made for a retail finance contract or lease contract	O	YYYY-MM-DD
ContractTermMileage	Mileage allowed under the terms of contract	O	(INACTIVE)
Tax	Tax for Financing	O	(INACTIVE)

XML Instance Representation

```
<...>
  <FinanceType> FinanceType </FinanceType> [0..1]
  <PaymentAmount> PaymentAmount </PaymentAmount> [0..1]
  <BalanceAmount> BalanceAmount </BalanceAmount> [0..1]
  <FinalAmount> FinalAmount </FinalAmount> [0..1]
  <ResidualAmount> ResidualAmount </ResidualAmount> [0..1]
  <Term> Term </Term> [0..1]
  <MaturityDate> MaturityDate </MaturityDate> [0..1]
  <FinanceCompanyName> FinanceCompanyName </FinanceCompanyName> [0..1]
  <WholesaleValueAmount> WholesaleValueAmount </WholesaleValueAmount> [0..1]
  <TradeAllowanceAmount> TradeAllowanceAmount </TradeAllowanceAmount> [0..1]
  <BasePaymentAmount> BasePaymentAmount </BasePaymentAmount> [0..1]
  <LastPaymentDate> LastPaymentDate </LastPaymentDate> [0..1]
  <ContractTermMileage> ContractTermMileage </ContractTermMileage> [0..1]
  <Tax> Tax </Tax> [0..*]
</...>
```

SalesLead

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

STAR Version 5.0 - Draft

STAR Version 4.0, STAR approved 04/20/2005; effective date 07/04/2005

STAR Version 3.0, STAR approved 05/07/2004; effective date 07/04/2004

STAR Version 2.1 STAR approved 04/09/2003; OAGI approved 8/16/2002 effective date 07/04/2003

Change Sales Lead

STAR Version 2.0, STAR approved 7/31/2002; OAGI approved 8/16/2002; effective date 1/01/2003

Name	SalesLead
Abstract	no

Data Elements and Components

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

XML Instance Representation

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

SalesLeadDetail

These field(s) use this type: Detail.

Name	SalesLeadDetail
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
LeadStatus	Status of Sales Lead. Ex: Appointment made, Just looking, etc..	R	
Preference	Identifies what qualities are important to the contact	O	
Financing	represents information on the financing for the vehicle the prospect is interested in.	O	

Change Sales Lead

Field / Component	Description	R/O	Business Rule
Appointment	represents any appointment (phone or in person) set up with the Sales Lead	O	
SalesActivity	represents the activities that occur for a Sales Lead	O	
SalesVehicle		O	
CompetingVehicle		O	
LeadRequestType	Identifies the type of lead request. EX: Brochure Request, Test Drive Request, Quote Request, etc.	O	
PreferenceDetail	The purpose of the PreferenceDetail component is to identify the preference parameters of a potential customer.	O	
LeadIndustryType	Industry type identifies the type of industry to which the lead applies, i.e., automotive, marine, truck, powersport, etc.	O	

XML Instance Representation

```
<...>
  <LeadStatus> LeadStatus </LeadStatus> [1]
  <Preference> Preference </Preference> [0..1]
  <Financing> NewSalesFinancing </Financing> [0..1]
  <Appointment> Appointment </Appointment> [0..*]
  <SalesActivity> SalesActivity </SalesActivity> [0..*]
  <SalesVehicle> SalesVehicle </SalesVehicle> [0..*]
  <CompetingVehicle> CompetingVehicle </CompetingVehicle> [0..*]
  <LeadRequestType> LeadRequestType </LeadRequestType> [0..1]
  <PreferenceDetail> PreferenceDetail </PreferenceDetail> [0..1]
  <LeadIndustryType> LeadIndustryType </LeadIndustryType> [0..1]
</...>
```

SalesLeadDetailBase

Name	SalesLeadDetailBase
Abstract	no

Change Sales Lead

Data Elements and Components

Field / Component	Description	R/O	Business Rule
LeadStatus	Status of Sales Lead. Ex: Appointment made, Just looking, etc..	R	
Preference	Identifies what qualities are important to the contact	O	
Financing	represents information on the financing for the vehicle the prospect is interested in.	O	
Appointment	represents any appointment (phone or in person) set up with the Sales Lead	O	
SalesActivity	represents the activities that occur for a Sales Lead	O	

XML Instance Representation

```
<...>
  <LeadStatus> LeadStatus </LeadStatus> [1]
  <Preference> Preference </Preference> [0..1]
  <Financing> NewSalesFinancing </Financing> [0..1]
  <Appointment> Appointment </Appointment> [0..*]
  <SalesActivity> SalesActivity </SalesActivity> [0..*]
</...>
```

SalesLeadHeader

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

Name	SalesLeadHeader
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	

Change Sales Lead

Field / Component	Description	R/O	Business Rule
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	Sales Lead Number	R	
ExpirationDate	Date lead contact is to expire.	O	
PurchaseEarliestDate	Earliest date that prospect would consider purchase	O	
PurchaseLatestDate	Latest date that prospect would consider purchase	O	
LeadInterest	Type of transaction lead is interested in.	O	
SaleClass	Type of vehicle of Sales Lead such as New, Used or Demo	O	
LeadType	Specifies whether the lead is for an Individual or a Business	O	
LeadReceipt	Method in which the lead was received (i.e., Internet, OEM, etc.)	O	
LeadSource	Source that brought the lead to the dealership	O	
DefaultCurrency	Currency used for transactions	O	
DiscountEligibility	The category of Discount available to the customer Examples could be "A Plan" ; "Z Plan" , "Option One	O	
Marketing	communicates the Marketing information associated with the Sales Lead	O	
IndividualProspect	Individual who initiated the sales inquiry	O	
OrganizationalProspect	Organization that initiated the sales inquiry	O	
Provider	Party that provided the sales lead	O	
Dealer	Dealer that is receiving the sales lead	O	
CustomerComments	Free form text to record customer comments	O	
LeadComments	Lead contact notes. May be non-comment information about the contacts	O	

XML Instance Representation

Change Sales Lead

```
<...>
  <DocumentDateTime> DocumentDateTime </DocumentDateTime> [0..1]
  <SecondaryPassword> SecondaryPassword </SecondaryPassword> [0..1]
  <SecondaryDealerNumber> SecondaryDealerNumber </SecondaryDealerNumber> [0..1]
  <DocumentId> DocumentId </DocumentId> [1]
  <ExpirationDate> ExpirationDate </ExpirationDate> [0..1]
  <PurchaseEarliestDate> PurchaseEarliestDate </PurchaseEarliestDate> [0..1]
  <PurchaseLatestDate> PurchaseLatestDate </PurchaseLatestDate> [0..1]
  <LeadInterest> LeadInterest </LeadInterest> [0..1]
  <SaleClass> SaleClass </SaleClass> [0..1]
  <LeadType> LeadType </LeadType> [0..1]
  <LeadReceipt> LeadReceipt </LeadReceipt> [0..1]
  <LeadSource> LeadSource </LeadSource> [0..1]
  <DefaultCurrency> DefaultCurrency </DefaultCurrency> [0..1]
  <DiscountEligibility> DiscountEligibility </DiscountEligibility> [0..1]
  <Marketing> Marketing </Marketing> [0..*]
  <IndividualProspect> IndividualParty </IndividualProspect> [0..1]
  <OrganizationalProspect> OrganizationalParty </OrganizationalProspect> [0..1]
  <Provider> ProviderParty </Provider> [0..1]
  <Dealer> DealerParty </Dealer> [0..1]
  <CustomerComments> CustomerComments </CustomerComments> [0..1]
  <LeadComments> LeadComments </LeadComments> [0..1]
</...>
```

SalesLeadHeaderBase

Name	SalesLeadHeaderBase
Abstract	no

Data Elements and Components

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

Change Sales Lead

Field / Component	Description	R/O	Business Rule
SecondaryDealerNumber	Identifies secondary dealer number if different than primary "Dealer Number"	O	
DocumentId	Sales Lead Number	R	
ExpirationDate	Date lead contact is to expire.	O	
PurchaseEarliestDate	Earliest date that prospect would consider purchase	O	
PurchaseLatestDate	Latest date that prospect would consider purchase	O	
LeadInterest	Type of transaction lead is interested in.	O	
SaleClass	Type of vehicle of Sales Lead such as New, Used or Demo	O	
LeadType	Specifies whether the lead is for an Individual or a Business	O	
LeadReceipt	Method in which the lead was received (i.e., Internet, OEM, etc.)	O	
LeadSource	Source that brought the lead to the dealership	O	
DefaultCurrency	Currency used for transactions	O	
DiscountEligibility	The category of Discount available to the customer Examples could be "A Plan" ; "Z Plan" , "Option One	O	
Marketing	communicates the Marketing information associated with the Sales Lead	O	

XML Instance Representation

```

<...>
  <DocumentDateTime> DocumentDateTime </DocumentDateTime> [0..1]
  <SecondaryPassword> SecondaryPassword </SecondaryPassword> [0..1]
  <SecondaryDealerNumber> SecondaryDealerNumber </SecondaryDealerNumber> [0..1]
  <DocumentId> DocumentId </DocumentId> [1]
  <ExpirationDate> ExpirationDate </ExpirationDate> [0..1]
  <PurchaseEarliestDate> PurchaseEarliestDate </PurchaseEarliestDate> [0..1]
  <PurchaseLatestDate> PurchaseLatestDate </PurchaseLatestDate> [0..1]
  <LeadInterest> LeadInterest </LeadInterest> [0..1]
  <SaleClass> SaleClass </SaleClass> [0..1]
  <LeadType> LeadType </LeadType> [0..1]

```

Change Sales Lead

```
<LeadReceipt> LeadReceipt </LeadReceipt> [0..1]
<LeadSource> LeadSource </LeadSource> [0..1]
<DefaultCurrency> DefaultCurrency </DefaultCurrency> [0..1]
<DiscountEligibility> DiscountEligibility </DiscountEligibility> [0..1]
<Marketing> Marketing </Marketing> [0..*]
</...>
```

SalesVehicle

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

Name	SalesVehicle
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Model	Manufacturer-assigned model code of vehicle - Usually available in the VIN number (use NCIC code)	O	
ModelYear	Vehicle designated model year	O	
ModelDescription	Descriptive vehicle model name	O	
Make	Vehicle make code - Usually available in the VIN number (use NCIC code).	O	
SaleClass	Class of Sale	O	
Condition	Condition of Vehicle - Example: Excellent, Good, Fair, Poor, Unknown	O	
CertifiedPreownedInd	Identifies as a certified Pre-Owned Vehicle	O	
VehicleNote	Any vehicle related notes	O	
VIN	Federally defined 17 position vehicle identification number	O	
DeliveryMileage	Odometer reading of vehicle at time of delivery	O	
VehicleStock	Dealer assigned vehicle stock number	O	

Change Sales Lead

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	
ExteriorColor	Vehicle Exterior Color(s)	O	
TransmissionType	Vehicle Transmission type	O	
OdometerStatus	Status of odometer at trade-in. Example:: Replaced, Tampered, Miles> 90,000, etc.	O	
NonUSVehicleInd	Indicates whether the vehicle was produced for the United States or not	O	
VehicleDemoInd	Indicates whether vehicle was ever a demo	O	
LicenseNumber	State License plate number of vehicle	O	
BrandedInfo	Vehicle Branding Information	O	
RestrictionInd	Indication that vehicle has restrictions on its use	O	
RestrictionDescription	Description of vehicle use restrictions	O	
TelematicsServiceInd	Indication whether Telematics Service Subscription is turned on	O	
Option	Sales Vehicle Options	O	(INACTIVE)
Pricing	Price of Vehicle	O	
ImageAttachment	represents information about the location of on-line vehicle photos	O	
SeriesCode	The model series code for the specified vehicle.	O	
SeriesName	The name corresponding to the SeriesCode	O	
EngineType	Manufacturer-assigned code to designate vehicle engine type (i.e, 1EZ)	O	(INACTIVE)
Package	Option accessory Package	O	

Change Sales Lead

Field / Component	Description	R/O	Business Rule
TotalVehicleHours	This is the total hours of vehicle use. Note: This is synonomous to mileage on an automobile. This is not engine hours.	O	
LeadSourceURI	URI where information on sales vehicle can be obtained for review or reference later.	O	
MarineVehicleRequirements	The MarineVehicleRequirements component contains information specific to marine vehicles, i.e. boats.	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]
  <BrandedInfo> BrandedInfo </BrandedInfo> [0..1]
  <RestrictionInd> RestrictionInd </RestrictionInd> [0..1]
  <RestrictionDescription> RestrictionDescription </RestrictionDescription> [0..1]
  <TelematicsServiceInd> TelematicsServiceInd </TelematicsServiceInd> [0..1]

```


Change Sales Lead

```
<Option> ExpandedOption </Option> [0..*]  
<Pricing> SalesVehiclePricing </Pricing> [0..*]  
<ImageAttachment> ImageAttachment </ImageAttachment> [0..1]  
<SeriesCode> SeriesCode </SeriesCode> [0..1]  
<SeriesName> SeriesName </SeriesName> [0..1]  
<EngineType> EngineType </EngineType> [0..1]  
<Package> Package </Package> [0..*]  
<TotalVehicleHours> TotalVehicleHours </TotalVehicleHours> [0..1]  
<LeadSourceURI> LeadSourceURI </LeadSourceURI> [0..1]  
<MarineVehicleRequirements> MarineVehicleRequirements </MarineVehicleRequirements> [0..1]  
</...>
```

SalesVehiclePricing

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

Name	SalesVehiclePricing
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
VehiclePrice	Customer price of vehicle	R	
PriceExplanation	Explanatory Note for Pricing Example: Anniversary Edition	O	
PricingType	Designates type of pricing for vehicle transaction. Examples could be: QUOTE, MSRP, INVOICE, BLUEBOOK, TOTALFIGURE, OVERINVOICE, UNDERINVOICE, UNDERMSRP, OVERMSRP, CALL, NA, or OTHER	O	
PricingTypeSource	Source from which pricing tye data originated (i.e., Blue Book, NADA etc.)	O	
PricingDelta	Used to express the price delta relative to either $\tilde{A}\#\hat{A}\#\hat{A}\#\text{msrp}\tilde{A}\#\hat{A}_i\tilde{A}\#\hat{A}^{\frac{3}{4}}\tilde{A}\#\hat{A}_l$ or $\tilde{A}\#\hat{A}\#\hat{A}\#\hat{A}\#\text{invoice}$	O	

Change Sales Lead

XML Instance Representation

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

SecurityDepositAmount

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

Security deposit is the amount paid to cover damage, excess mileage or excess wear and tear on a leased vehicle.

Name	SecurityDepositAmount
Abstract	no

XML Instance Representation

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

Change Sales Lead

Amount
</...>

Sender

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

Name	Sender
Abstract	no

Data Elements and Components

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

Change Sales Lead

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

Change Sales Lead

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

XML Instance Representation

```

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

```

Change Sales Lead

</...>

SenderBase

Name SenderBase

Abstract no

Data Elements and Components

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

Change Sales Lead

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

XML Instance Representation

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

ServiceId

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

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

Name	ServiceId
Abstract	no

XML Instance Representation

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

Signature

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

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

Change Sales Lead

Abstract no

Attributes

Field / Component	Description	R/O	Business Rule
qualifyingAgency		O	

Data Elements and Components

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

XML Instance Representation

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

Tax

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

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	

Change Sales Lead

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

XML Instance Representation

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

TaxAmount

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

Actual amount of tax paid.

Name	TaxAmount
Abstract	no

XML Instance Representation

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

Change Sales Lead

TaxDescription

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

Free form text description of tax amount.

Name	TaxDescription
Abstract	no

XML Instance Representation

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

TaxRate

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

Tax Percentage rate.

Name	TaxRate
Abstract	no

XML Instance Representation

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

Term

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

Number of months of contract term

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

Change Sales Lead

Abstract no

Attributes

Field / Component	Description	R/O	Business Rule
length		R	

XML Instance Representation

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

TotalEngineHours

These field(s) use this type: TotalEngineHours.

Total hours of engine(s) use.

Name TotalEngineHours

Abstract no

XML Instance Representation

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

TotalEnginePower

These field(s) use this type: TotalEnginePower.

Total horsepower of engine on or for a vehicle. EX: Triple250 would have an TotalEngineHorsepower of 750.

Name TotalEnginePower

Abstract no

Change Sales Lead

XML Instance Representation

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

TotalTaxableAmount

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

Total taxable price.

Name	TotalTaxableAmount
Abstract	no

XML Instance Representation

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

TotalVehicleHours

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

This is the total hours of vehicle use. Note: This is synonymous to mileage on an automobile. This is not engine hours.

Name	TotalVehicleHours
Abstract	no

XML Instance Representation

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

Change Sales Lead

TradeAllowanceAmount

These field(s) use this type: TradeAllowanceAmount.

Trade Allowance is the second component of the negotiated trade vehicle amount, the primary portion being the wholesale amount of the trade vehicle.

Name	TradeAllowanceAmount
Abstract	no

XML Instance Representation

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

UnitSalesTaxAmount

These field(s) use this type: UnitSalesTaxAmount.

Unit amount of sales tax.

Name	UnitSalesTaxAmount
Abstract	no

XML Instance Representation

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

Vehicle

Name	Vehicle
Abstract	no

Change Sales Lead

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

```
<...>
  <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	

Change Sales Lead

Field / Component	Description	R/O	Business Rule
Make	Vehicle make code - Usually available in the VIN number (use NCIC code).	O	
SaleClass	Class of Sale	O	
Condition	Condition of Vehicle - Example: Excellent, Good, Fair, Poor, Unknown	O	
CertifiedPreownedInd	Identifies as a certified Pre-Owned Vehicle	O	
VehicleNote	Any vehicle related notes	O	
VIN	Federally defined 17 position vehicle identification number	O	
DeliveryMileage	Odometer reading of vehicle at time of delivery	O	
VehicleStock	Dealer assigned vehicle stock number	O	
TrimCode	Manufacturer assigned trim code	O	
DoorsQuantity	Number of doors on vehicle	O	
BodyStyle	Manufacturer-assigned vehicle body style	O	
InteriorColor	Vehicle Interior Color(s)	O	
ExteriorColor	Vehicle Exterior Color(s)	O	
TransmissionType	Vehicle Transmission type	O	
OdometerStatus	Status of odometer at trade-in. Example:: Replaced, Tampered, Miles> 90,000, etc.	O	
NonUSVehicleInd	Indicates whether the vehicle was produced for the United States or not	O	
VehicleDemoInd	Indicates whether vehicle was ever a demo	O	
LicenseNumber	State License plate number of vehicle	O	
BrandedInfo	Vehicle Branding Information	O	
RestrictionInd	Indication that vehicle has restrictions on its use	O	
RestrictionDescription	Description of vehicle use restrictions	O	

Change Sales Lead

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

VehiclePrice

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

Change Sales Lead

Customer price of vehicle

Name	VehiclePrice
Abstract	no

XML Instance Representation

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

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

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

WholesaleValueAmount

These field(s) use this type: WholesaleValueAmount.

Actual wholesale value of a used vehicle.

Name	WholesaleValueAmount
Abstract	no

Change Sales Lead

XML Instance Representation

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

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

ActivityDateTime

These field(s) use this type: ActivityDateTime.

Date and time that the activity took place

Name	ActivityDateTime
------	------------------

*Base XSD Type: dateTime

ActivityNote

These field(s) use this type: ActivityNote.

Free form comments that relate to the activity

Name	ActivityNote
------	--------------

*Base XSD Type: string

ActivityResult

These field(s) use this type: ActivityResult.

Change Sales Lead

Result of Activity - Ex: Bought competing Vehicle

Name	ActivityResult
------	----------------

*Base XSD Type: string

ActivityType

These field(s) use this type: ActivityType.

Indicates type of activity Example: "Literature Request", "New Lead", "Dead Contact", "Traffic Report", "Sold", "EMail", "Letter", "Fax"

Name	ActivityType
------	--------------

*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

Name	AddressQualifier
------	------------------

*Base XSD Type: string

Code Value	Description
WorkAddress	Work Address
SeasonalAddress	Seasonal Address

Change Sales Lead

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

AppointmentDateTime

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

Date and time of appointment

Name	AppointmentDateTime
------	---------------------

*Base XSD Type: dateTime

AppointmentLocation

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

Location of the appointment Example: Dealer, home; office etc.

Name	AppointmentLocation
------	---------------------

*Base XSD Type: string

AppointmentNotes

Change Sales Lead

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

Comments that relate to the appointment

Name	AppointmentNotes
------	------------------

*Base XSD Type: string

ApprovedInd

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

Approved Indicator

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

*Base XSD Type: string

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

0	
---	--

1	
---	--

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

Change Sales Lead

Code Value	Description
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

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.

Change Sales Lead

BirthDate

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

Birth date of party

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

*Base XSD Type: date

BoatEngineType

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

Type of engine on or for a boat.

Name	BoatEngineType
------	----------------

*Base XSD Type: string

Code Value	Description
Inboard	Inboard
Inboard/Outboard	Inboard/Outboard
Jet	Jet
Outboard	Outboard
Outboard 2 Stroke	Outboard 2 Stroke
Outboard 4 Stroke	Outboard 4 Stroke
Stern Drive	Stern Drive
V Drive	V Drive

BodyStyle

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

Change Sales Lead

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

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

Change Sales Lead

*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	
---	--

1	
---	--

City

These field(s) use this type: City.

City of the Address.

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

*Base XSD Type: string

Change Sales Lead

ClientAdvisorName

These field(s) use this type: ClientAdvisorName.

Indicates the name of the Client Advisor responsible for creating the Financing comments

Name	ClientAdvisorName
------	-------------------

*Base XSD Type: string

Code

These field(s) use this type: BODId.

Unique code name

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

*Base XSD Type: string

CompanyName

These field(s) use this type: Name.

Company name of customer

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

*Base XSD Type: string

Condition

These field(s) use this type: Condition.

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

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

*Base XSD Type: string

Change Sales Lead

ConfirmType

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

ContactTelephoneNumberDescription

Contact Telephone Number Description

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

ContactTelephoneNumberOrganizationDescription

Contact Telephone Number Organization Description

Name	ContactTelephoneNumberOrganizationDescription
------	---

Change Sales Lead

*Base XSD Type: string

Code Value	Description
Day Phone	Day Phone
Cell Phone	Cell Phone
Pager	Pager
Other	Other

ContactTime

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

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

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

*Base XSD Type: string

Country

These field(s) use this type: **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

Change Sales Lead

-GIBRALTAR GR -GREECE GL -GREENLAND GD -GRENADA GP -GUADELOUPE GU -GUAM GT -GUATEMALA GN -GUINEA GW
 -GUINEA-BISSAU GY -GUYANA HT -HAITI HM -HEARD ISLAND AND MCDONALD ISLANDS VA -HOLY SEE (VATICAN CITY STATE)
 HN -HONDURAS HK -HONG KONG HU -HUNGARY IS -ICELAND IN -INDIA ID -INDONESIA IR -IRAN, ISLAMIC REPUBLIC OF IQ -IRAQ
 IE -IRELAND IL -ISRAEL IT -ITALY JM -JAMAICA JP -JAPAN JO -JORDAN KZ -KAZAKHSTAN KE -KENYA KI -KIRIBATI KP -KOREA,
 DEMOCRATIC PEOPLE'S REPUBLIC OF KR -KOREA, REPUBLIC OF KW -KUWAIT KG -KYRGYZSTAN LA -LAO PEOPLE'S DEMOCRATIC
 REPUBLIC LV -LATVIA LB -LEBANON LS -LESOTHO LR -LIBERIA LY -LIBYAN ARAB JAMAHIRIYA LI -LIECHTENSTEIN LT
 -LITHUANIA LU -LUXEMBOURG MO -MACAO MK -MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF MG -MADAGASCAR MW
 -MALAWI MY -MALAYSIA MV -MALDIVES ML -MALI MT -MALTA MH -MARSHALL ISLANDS MQ -MARTINIQUE MR -MAURITANIA
 MU -MAURITIUS YT -MAYOTTE MX -MEXICO FM -MICRONESIA, FEDERATED STATES OF MD -MOLDOVA, REPUBLIC OF MC
 -MONACO MN -MONGOLIA MS -MONTERRAT 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#Â#UNION RO -ROMANIA RU -RUSSIAN
 FEDERATION RW -RWANDA SH -SAINT HELENA KN -SAINT KITTS AND NEVIS LC -SAINT LUCIA PM -SAINT PIERRE AND MIQUELON
 VC -SAINT VINCENT AND THE GRENADINES WS -SAMOA SM -SAN MARINO ST -SAO TOME AND PRINCIPE SA -SAUDI ARABIA SN
 -SENEGAL CS -SERBIA AND MONTENEGRO SC -SEYCHELLES SL -SIERRA LEONE SG -SINGAPORE SK -SLOVAKIA SI -SLOVENIA SB
 -SOLOMON ISLANDS SO -SOMALIA ZA -SOUTH AFRICA GS -SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS ES -SPAIN LK
 -SRI LANKA SD -SUDAN SR -SURINAME SJ -SVALBARD AND JAN MAYEN SZ -SWAZILAND SE -SWEDEN CH -SWITZERLAND SY
 -SYRIAN ARAB REPUBLIC TW -TAIWAN, PROVINCE OF CHINA TJ -TAJIKISTAN TZ -TANZANIA, UNITED REPUBLIC OF TH -THAILAND
 TL -TIMOR-LESTE TG - TOGO TK -TOKELAU TO -TONGA TT -TRINIDAD AND TOBAGO TN -TUNISIA TR -TURKEY TM
 -TURKMENISTAN TC -TURKS AND CAICOS ISLANDS TV -TUVALU UG -UGANDA UA -UKRAINE AE -UNITED ARAB EMIRATES GB
 -UNITED KINGDOM US -UNITED STATES UM -UNITED STATES MINOR OUTLYING ISLANDS UY -URUGUAY UZ -UZBEKISTAN VU
 -VANUATU VE -VENEZUELA VN -VIET NAM VG -VIRGIN ISLANDS, BRITISH VI -VIRGIN ISLANDS, U.S. WF -WALLIS AND FUTUNA EH
 -WESTERN SAHARA YE -YEMEN ZM -ZAMBIA ZW -ZIMBABWE

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

Change Sales Lead

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

Change Sales Lead

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

Change Sales Lead

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

Change Sales Lead

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

Change Sales Lead

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

Change Sales Lead

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

Change Sales Lead

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

Change Sales Lead

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

Change Sales Lead

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

Change Sales Lead

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

Change Sales Lead

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

County

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

Business party county location

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

Base XSD Type: string

Change Sales Lead

Currency

The ISO code identifying the type of currency in use.

Name	Currency
Base XSD Type: string	
Code Value	Description
USD	
ADP	
AED	
AFA	
ALL	
ANG	
AOK	
ARA	
ATS	
AUD	
AWG	
BBD	
BDT	
BEF	
BGL	
BHD	
BIF	
BMD	

Change Sales Lead

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

Change Sales Lead

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

Change Sales Lead

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

Change Sales Lead

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

Change Sales Lead

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

Change Sales Lead

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

Change Sales Lead

Code Value	Description
YER	
YUD	
ZAR	
ZRZ	
ZWD	
Other	

CustomerComments

These field(s) use this type: CustomerComments.

Free form text to record customer comments

Name	CustomerComments
-------------	-------------------------

*Base XSD Type: string

CustomerQualities

These field(s) use this type: CustomerQualities.

Customer demographic identifiers as defined by customer

Name	CustomerQualities
-------------	--------------------------

*Base XSD Type: string

Date

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

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

Change Sales Lead

*Base XSD Type: date

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	

Change Sales Lead

DealerName

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

Dealer name

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

*Base XSD Type: string

Decimal

Decimal

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

*Base XSD Type: decimal

Delta

Pricing delta

Name	Delta
-------------	--------------

*Base XSD Type: string

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

absolute	
----------	--

relative	
----------	--

percentage	
------------	--

other	
-------	--

Department

Department

Change Sales Lead

Name

Department

*Base XSD Type: string

DepartmentType

These field(s) use this type: DepartmentType.

Identifies the type of department

Name

DepartmentType

*Base XSD Type: string

DimensionMeasure

Dimension measurements, i.e. height, width, length, depth, etc.

Name

DimensionMeasure

*Base XSD Type: string

Code Value	Description
ft	ft = feet
yd	yd = yard
in	in = inch
m	m = meter
cm	cm = centimeter

DiscountEligibility

These field(s) use this type: DiscountEligibility.

The category of Discount available to the customer Examples could be "A Plan" ; "Z Plan" , "Option One

Change Sales Lead

Name	DiscountEligibility
------	---------------------

*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

EducationLevel

These field(s) use this type: EducationLevel.

Last Year of education completed>

Name	EducationLevel
------	----------------

*Base XSD Type: string

EffectiveDate

These field(s) use this type: EffectiveDate.

Change Sales Lead

Effective date

Name	EffectiveDate
------	---------------

*Base XSD Type: date

EmailResult

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

Indicates Whether an Email was Sent. Example could be: S - Sent, digit- - number of times sent, R-Received, N-Not Sent, U-Undeliverable, b - Email address not available

Name	EmailResult
------	-------------

*Base XSD Type: string

EngineModelYear

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

Model year of engine on or for a vehicle.

Name	EngineModelYear
------	-----------------

*Base XSD Type: gYear

EngineType

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

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

Name	EngineType
------	------------

*Base XSD Type: string

Change Sales Lead

EthnicBackground

These field(s) use this type: EthnicBackground.

Code for customer ethnic background.

Name	EthnicBackground
------	------------------

*Base XSD Type: string

ExpirationDate

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

Expiration Date

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

*Base XSD Type: date

ExteriorColor

These field(s) use this type: ExteriorColor.

Vehicle Exterior Color(s)

Name	ExteriorColor
------	---------------

*Base XSD Type: string

FamilyName

These field(s) use this type: FamilyName.

Last Name of business party

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

*Base XSD Type: string

Change Sales Lead

FinanceCompanyName

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

Name of Finance Company

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

*Base XSD Type: string

FinanceType

These field(s) use this type: FinanceType,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

FinancingComments

These field(s) use this type: FinancingComments.

Free form text area for Client Advisor to provide general comments about the Financing

Name	FinancingComments
------	-------------------

*Base XSD Type: string

FirstTimeBuyerInd

These field(s) use this type: FirstTimeBuyerInd.

Identifies customer as first time buyer

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

*Base XSD Type: string

Change Sales Lead

Code Value	Description
0	
1	

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

Gender

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

Change Sales Lead

Name

GivenName

*Base XSD Type: string

HIN

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

Hull identification number.

Name

HIN

*Base XSD Type: string

Hobbies

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

Customer's interest - Ex: skiing; tennis

Name

Hobbies

*Base XSD Type: string

HomeWork

Home or Work

Name

HomeWork

*Base XSD Type: string

Code Value	Description
Home	Home
Work	Work
Other	Other

Change Sales Lead

HouseholdIncomeRange

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

The range of a household income

Name	HouseholdIncomeRange
------	----------------------

*Base XSD Type: string

Code Value	Description
Less than \$20,000	Income less than \$20,000
\$20,000 - 34,999	Income between \$20,000 - \$34,999
\$35,000 - 49,999	Income between \$35,000 - \$49,999
\$50,000 - 74,999	Income between \$50,000 - \$74,999
\$75,000 - 99,999	Income between "75,000 - \$99,000
\$100,000 - 124,999	Income between \$100,000 - \$124,999
\$125,000 or more	Income of \$125,000 or more
Other	Other
N/A	Not Applicable

ImageAlternateText

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

Image alternate text. Example: "1997 Honda Accord"

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

*Base XSD Type: string

IncomePeriod

Change Sales Lead

HR = Hour, WK = Week, BiWK = Bi-Weekly, MO = Month, YR = Year, SmMO=SemiMonthly, SmAN=SemiAnnually

Name	IncomePeriod
*Base XSD Type: string	
Code Value	Description
HR	Hour
WK	Week
BiWK	Bi-Weekly
MO	Monthly
YR	Year
SmMO	Semi-Monthly
SmAN	Semi-Annually. Semi-Annually is twice per year
Q	Quarterly

Indicator

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

0 = No, 1 = Yes

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

Change Sales Lead

InteriorColor

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

Vehicle Interior Color(s)

Name	InteriorColor
------	---------------

*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" "Bangla", BO "Tibetan", BR "Breton", CA "Catalan", CO "Corsican", CS "Czech", CY "Welsh", DA "Danish", DE "German", DZ "Bhutani", EL "Greek", EN "English" "American", ES "Spanish", ET "Estonian", EU "Basque", FA "Persian", FI "Finnish", FJ "Fiji", FO "Faeroese", FR "French", FY "Frisian", GA "Irish", GD "Gaelic" "Scots Gaelic", GL "Galician", GN "Guarani", GU "Gujarati", HA "Hausa", HI "Hindi", HR "Croatian", HU "Hungarian", HY "Armenian", IK "Inupiak", IN "Indonesian", IS "Icelandic", IT "Italian", IW "Hebrew", JA "Japanese", JI "Yiddish", JW "Javanese", KA "Georgian", KK "Kazakh", KL "Greenlandic", KM "Cambodian", KN "Kannada", KO "Korean", KS "Kashmiri", KU "Kurdish", KY "Kirghiz", LA "Latin", LN "Lingala", LO "Laothian", LT "Lithuanian", LV "Latvian" "Lettish", MG "Malagasy", MI "Maori", MK "Macedonian", ML "Malayalam", MN "Mongolian", MO "Moldavian", MR "Marathi", MS "Malay", MT "Maltese", MY "Burmese", NA "Nauru", NE "Nepali", NL "Dutch", NO "Norwegian", OC "Occitan", OM "Oromo" "Afan", OR "Oriya", PA "Punjabi", PL "Polish", PS "Pashto" "Pushto", PT "Portuguese", QU "Quechua", RM "Rhaeto-Romance", RN "Kirundi", RO "Romanian", RU "Russian", RW "Kinyarwanda", SA "Sanskrit", SD "Sindhi", SG "Sangro", SH "Serbo-Croatian", SI "Singhalese", SK "Slovak", SL "Slovenian", SM "Samoan", SN "Shona", SO "Somali", SQ "Albanian", SR "Serbian", SS "Siswati", ST "Sesotho", SU "Sudanese", SV "Swedish", SW "Swahili", TA "Tamil", TE "Tegulu", TG "Tajik", TH "Thai", TI "Tigrinya", TK "Turkmen", TL "Tagalog", TN "Setswana", TO "Tonga", TR "Turkish", TS "Tsonga", TT "Tatar", TW "Twi", UK "Ukrainian",

Change Sales Lead

UR "Urdu", UZ "Uzbek", VI "Vietnamese", WO "Wolof", XH "Xhosa", YO "Yoruba", ZH "Chinese", ZU "Zulu"

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

Change Sales Lead

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 Sales Lead

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 Sales Lead

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 Sales Lead

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 Sales Lead

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 Sales Lead

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

LastPaymentDate

These field(s) use this type: LastPaymentDate.

The date the last payment was made

Name	LastPaymentDate
------	-----------------

*Base XSD Type: date

LeadComments

These field(s) use this type: LeadComments.

Lead contact notes. May be non-comment information about the contacts

Name	LeadComments
------	--------------

*Base XSD Type: string

LeadIndustryType

These field(s) use this type: LeadIndustryType.

Industry type identifies the type of industry to which the lead applies, i.e., automotive, marine, truck, powersport, etc.

Change Sales Lead

Name	LeadIndustryType
*Base XSD Type: string	
Code Value	Description
Automotive	Automotive
Boats	Boats
Motorcycles	Motorcycles
RVs	RVs
Marine Engines	Marine Engines
PWC	PWC
Snowmobiles	Snowmobiles
Trailers	Trailers
ATVs	ATVs
Scooters	Scooters

LeadInterest

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

Type of transaction lead is interested in - B = Buy, L = Lease, S = Sell, T = Trade

Name	LeadInterest
*Base XSD Type: string	
Code Value	Description
B	"B" = Booked
L	"L" = Canceled
S	Sell

Change Sales Lead

Code Value	Description
T	Trade
Other	Other

LeadReceipt

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

Method in which the lead was received.

Name	LeadReceipt
-------------	--------------------

*Base XSD Type: string

LeadRequestType

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

Identifies the type of lead request. EX: Brochure Request, Test Drive Request, Quote Request, etc.

Name	LeadRequestType
-------------	------------------------

*Base XSD Type: string

LeadSource

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

Source that brought the lead to the dealership

Name	LeadSource
-------------	-------------------

*Base XSD Type: string

LeadSourceURI

Change Sales Lead

These field(s) use this type: LeadSourceURI.

URI where information on sales vehicle can be obtained for review or reference later.

Name	LeadSourceURI
------	---------------

*Base XSD Type: anyURI

LeadStatus

These field(s) use this type: LeadStatus.

Status of Sales Lead. Ex: Appointment made, Just looking, etc..

Name	LeadStatus
------	------------

*Base XSD Type: string

LeadType

These field(s) use this type: LeadType.

Type of Lead - I = Individual, B = business

Name	LeadType
------	----------

*Base XSD Type: string

Code Value	Description
I	"I" = Withdrawn
B	"B" = Booked
Other	Other

LicenseNumber

These field(s) use this type: LicenseNumber.

Change Sales Lead

State License plate number of vehicle

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

*Base XSD Type: string

Make

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

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

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

*Base XSD Type: string

Manufacturer

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

Manufacturer Name

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

*Base XSD Type: string

ManufacturerInstalledInd

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

Indicates manufacturer-installed accessories

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

*Base XSD Type: string

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

0	
---	--

Change Sales Lead

Code Value	Description
1	

MaritalStatus

These field(s) use this type: MaritalStatus.

Identifies marital status of business party - M = Married, U = Unmarried, S = Separated, O = Other

Name	MaritalStatus
*Base XSD Type: string	
Code Value	Description
M	"M" = Modified
U	Unmarried
S	Sell
O	"O" = Condition

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	

Change Sales Lead

MaterialRequested

These field(s) use this type: MaterialRequested.

Name of the materials the customer requested. (i.e., brochure, materials, etc.)

Name	MaterialRequested
-------------	--------------------------

*Base XSD Type: string

MaterialSent

These field(s) use this type: MaterialSent.

Name of the materials sent to the customer. (i.e., brochure, materials, etc.)

Name	MaterialSent
-------------	---------------------

*Base XSD Type: string

MaturityDate

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

Month and year of contract maturity

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

*Base XSD Type: gYearMonth

MaximumVehicleModelYear

These field(s) use this type: MaximumVehicleModelYear.

Maximum model year of vehicle.

Name	MaximumVehicleModelYear
-------------	--------------------------------

*Base XSD Type: gYear

Change Sales Lead

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

MinimumVehicleModelYear

These field(s) use this type: MinimumVehicleModelYear.

Minimum model year of vehicle.

Name	MinimumVehicleModelYear
------	-------------------------

*Base XSD Type: gYear

MiscellaneousCode

These field(s) use this type: MiscellaneousCode.

Miscellaneous code

Change Sales Lead

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

*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

Name

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

Change Sales Lead

Name of the Party.

Name

Name

*Base XSD Type: string

NewProspectInd

These field(s) use this type: NewProspectInd.

Identifies customer as a new prospect to the brand

Name

NewProspectInd

*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 Sales Lead

Note

A free form note.

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

*Base XSD Type: string

Occupation

These field(s) use this type: Occupation.

Occupation of business party

Name	Occupation
------	------------

*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

OpportunityMethod

These field(s) use this type: OpportunityMethod.

Method used for marketing opportunity. Example -Survey/Marketing

Name	OpportunityMethod
------	-------------------

*Base XSD Type: string

Change Sales Lead

OpportunityType

These field(s) use this type: OpportunityType.

Marketing opportunities - Example type - email; phone; postal code

Name	OpportunityType
------	-----------------

*Base XSD Type: string

OptionName

These field(s) use this type: OptionName.

Name of vehicle option

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

*Base XSD Type: string

OptionNotes

These field(s) use this type: OptionNotes.

Free form text related to option

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

*Base XSD Type: string

OptionOrigin

These field(s) use this type: OptionOrigin.

Identifies the option installer

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

*Base XSD Type: string

Change Sales Lead

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

OptionStockNumber

These field(s) use this type: OptionStockNumber.

Stock Number of Vehicle Option

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

*Base XSD Type: string

Change Sales Lead

OrganizationName

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

OrganizationName

Name	OrganizationName
------	------------------

*Base XSD Type: string

OwnedType

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

Type of vehicle for which information is being collected

Name	OwnedType
------	-----------

*Base XSD Type: string

Code Value	Description
Current	Vehicle information related to the current vehicle
Previous	Vehicle information related to the previous vehicle
Household	Vehicle information related to the household vehicle
Other	Other

PackageCode

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

Package Code

Name	PackageCode
------	-------------

*Base XSD Type: string

Change Sales Lead

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

PayoffDate

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

The date until which the payoff quote for the vehicle is valid.

Name	PayoffDate
*Base XSD Type: date	

PhaseCode

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

A code identifying the Program Phase that determines the vehicle pricing

Name	PhaseCode
*Base XSD Type: string	

PortInstalledInd

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

Change Sales Lead

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

Preference

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

Identifies what qualities are important to the contact.

Name	Preference
------	------------

*Base XSD Type: string

PreferredContactMethod

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

Preferred contact method

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

Change Sales Lead

*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

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

Change Sales Lead

Code Value	Description
Pager	Pager
Work Email	Work Email
US Mail	US Mail
Other	Other

PreferredVehicleCategory

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

Customer's preferred category of vehicle (i.e., SUV, Stationwagon, Runabouts, Cruiser, Multi-hull).

Name	PreferredVehicleCategory
------	--------------------------

*Base XSD Type: string

PriceExplanation

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

Explanatory Note for Pricing

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

*Base XSD Type: string

PricingType

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

Designates type of pricing for vehicle transaction. Examples could be: QUOTE, MSRP, INVOICE, BLUEBOOK, TOTALFIGURE, OVERINVOICE, UNDERINVOICE, UNDERMSRP, OVERMSRP, CALL, NA, or OTHER

Name	PricingType
------	-------------

Change Sales Lead

*Base XSD Type: string

PricingTypeSource

These field(s) use this type: PricingTypeSource.

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

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

*Base XSD Type: string

PrimaryContactInd

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

Indicates if contact is primary contact

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

*Base XSD Type: string

Code Value	Description
0	
1	

ProgramOfferCode

These field(s) use this type: ProgramOfferCode.

Marketing Program offer code

Name	ProgramOfferCode
------	------------------

*Base XSD Type: string

Change Sales Lead

ProviderName

These field(s) use this type: ProviderName.

Provider Name

Name	ProviderName
------	--------------

*Base XSD Type: string

PurchaseDate

These field(s) use this type: PurchaseDate.

Vehicle Purchase/Lease Date

Name	PurchaseDate
------	--------------

*Base XSD Type: date

PurchaseEarliestDate

These field(s) use this type: PurchaseEarliestDate.

Earliest date that prospect would consider purchase

Name	PurchaseEarliestDate
------	----------------------

*Base XSD Type: date

PurchaseLatestDate

These field(s) use this type: PurchaseLatestDate.

Latest date that prospect would consider purchase

Name	PurchaseLatestDate
------	--------------------

*Base XSD Type: date

Change Sales Lead

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

RelativeTo

defines what pricing is relative to

Name	RelativeTo
------	------------

*Base XSD Type: string

Code Value	Description
invoice	Price relative to invoice
msrp	Price relative to msrp
other	

RequestContactInd

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

Indicates that customer would like to be contacted by a Dealer Representative.

Change Sales Lead

Name	RequestContactInd
------	-------------------

*Base XSD Type: string

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

0	
---	--

1	
---	--

ResidenceType

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

Business Partner's type of residence (i.e., Own, Rent).

Name	ResidenceType
------	---------------

*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	
---	--

SaleClass

Change Sales Lead

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

Class of sale.

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

SalesPersonName

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

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

Name	SalesPersonName
*Base XSD Type: string	

Salutation

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

Title or greeting of business party

Change Sales Lead

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

SelectionMethod

These field(s) use this type: SelectionMethod.

Method used to select dealer Example: PF for preferred, PM for PMA, DI for distance, etc.

Name	SelectionMethod
------	-----------------

*Base XSD Type: string

SerialNumber

Serial Number

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

*Base XSD Type: string

SeriesCode

These field(s) use this type: SeriesCode.

The model series code for the specified vehicle

Change Sales Lead

Name	SeriesCode
------	------------

*Base XSD Type: string

SeriesName

These field(s) use this type: SeriesName.

The name corresponding to the SeriesCode

Name	SeriesName
------	------------

*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

SpouseSignificantOther

These field(s) use this type: SpouseSignificantOther.

Change Sales Lead

Spousal Unit Significant Other

Name	SpouseSignificantOther
------	------------------------

*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

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

Change Sales Lead

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

Determines whether an item or amount is taxable.

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

*Base XSD Type: string

Code Value	Description
0	
1	

TaxType

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

Tax Type

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

*Base XSD Type: string

Code Value	Description
Total	
Amount	
Labor	
Parts	
Claim	
Dealer	Dealer
Deductible	
Prorated	
Other	Other

Change Sales Lead

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

Change Sales Lead

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

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

Change Sales Lead

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

TelematicsServiceInd

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

Indication whether Telematics Service Subscription is turned on

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

*Base XSD Type: string

Code Value	Description
0	
1	

Change Sales Lead

TermLength

Term Length

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

Text

These field(s) use this type:

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

Indicates generic text type

Name	Text
*Base XSD Type: string	

TradeInInd

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

Identifies vehicle being traded-in

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

Change Sales Lead

Code Value	Description
1	

TrailerIncludedInd

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

Flag to note whether the trailer is included.

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

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

Change Sales Lead

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

Type

Type

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

*Base XSD Type: string

UOM

Units of Measure - ea=Each; bx=Box; case=Case; ctn=Carton; gal=Gallon; qt=Quart; pt=Pint; ft=Feet; yd=Yard; in=Inch; L=Liter; m=Meter; cm=Centimeter; kg=Kilograms; g=grams; other=Other

Name	UOM
------	-----

*Base XSD Type: string

Code Value	Description
ea	Each
bx	Box
case	Case
ctn	Carton
gal	Gallon
qt	Quart
pt	Pint
ft	ft = feet
yd	yd = yard
in	in = inch
L	"L" = Canceled
m	m = meter

Change Sales Lead

Code Value	Description
cm	cm = centimeter
kg	Kilogram
g	Gram
other	
tn	Ton
km	kilometers
mi	miles
hp	horsepower
kw	kilowatt

UrbanizationCode

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

URI

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

*Base XSD Type: anyURI

Change Sales Lead

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

*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 Sales Lead

Federally defined 17 position vehicle identification number

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

*Base XSD Type: string

Year

Year

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

*Base XSD Type: gYear

ZoneCode

These field(s) use this type: ZoneCode.

Manufacturer Assigned Zone Code

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

*Base XSD Type: string

Fields and Global Attributes

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

ApplicationArea

These field(s) use this type: ApplicationArea.

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

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Name	ApplicationArea
Type	ApplicationArea
Nillable	no
Abstract	no

XML Instance Representation

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

Change

These field(s) use this type: Change.

Change Sales Lead

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]"/>
```

ChangeSalesLead

These field(s) use this type: ChangeSalesLead.

Name	ChangeSalesLead
Type	ChangeSalesLead
Nilable	no
Abstract	no

XML Instance Representation

```
<ChangeSalesLead  
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> ChangeSalesLeadDataArea </DataArea> [1]  
</ChangeSalesLead>
```

Change Sales Lead

Detail

Name	Detail
Type	SalesLeadDetail
Nilable	no
Abstract	no

XML Instance Representation

```
<Detail>
  <LeadStatus> LeadStatus </LeadStatus> [1]
  <Preference> Preference </Preference> [0..1]
  <Financing> NewSalesFinancing </Financing> [0..1]
  <Appointment> Appointment </Appointment> [0..*]
  <SalesActivity> SalesActivity </SalesActivity> [0..*]
  <SalesVehicle> SalesVehicle </SalesVehicle> [0..*]
  <CompetingVehicle> CompetingVehicle </CompetingVehicle> [0..*]
  <LeadRequestType> LeadRequestType </LeadRequestType> [0..1]
  <PreferenceDetail> PreferenceDetail </PreferenceDetail> [0..1]
  <LeadIndustryType> LeadIndustryType </LeadIndustryType> [0..1]
</Detail>
```

Header

Name	Header
Type	SalesLeadHeader
Nilable	no
Abstract	no

XML Instance Representation

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

Change Sales Lead

```
<SecondaryPassword> SecondaryPassword </SecondaryPassword> [0..1]
<SecondaryDealerNumber> SecondaryDealerNumber </SecondaryDealerNumber> [0..1]
<DocumentId> DocumentId </DocumentId> [1]
<ExpirationDate> ExpirationDate </ExpirationDate> [0..1]
<PurchaseEarliestDate> PurchaseEarliestDate </PurchaseEarliestDate> [0..1]
<PurchaseLatestDate> PurchaseLatestDate </PurchaseLatestDate> [0..1]
<LeadInterest> LeadInterest </LeadInterest> [0..1]
<SaleClass> SaleClass </SaleClass> [0..1]
<LeadType> LeadType </LeadType> [0..1]
<LeadReceipt> LeadReceipt </LeadReceipt> [0..1]
<LeadSource> LeadSource </LeadSource> [0..1]
<DefaultCurrency> DefaultCurrency </DefaultCurrency> [0..1]
<DiscountEligibility> DiscountEligibility </DiscountEligibility> [0..1]
<Marketing> Marketing </Marketing> [0..*]
<IndividualProspect> IndividualParty </IndividualProspect> [0..1]
<OrganizationalProspect> OrganizationalParty </OrganizationalProspect> [0..1]
<Provider> ProviderParty </Provider> [0..1]
<Dealer> DealerParty </Dealer> [0..1]
<CustomerComments> CustomerComments </CustomerComments> [0..1]
<LeadComments> LeadComments </LeadComments> [0..1]
</Header>
```

SalesLead

These field(s) use this type: SalesLead.

Name	SalesLead
Type	SalesLead
Nilable	no
Abstract	no

XML Instance Representation

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

Change Sales Lead

```
<Detail> ... </Detail> [1..*]  
</SalesLead>
```

Verb

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

Name	Verb
Type	Verb
Nilable	no
Abstract	yes

XML Instance Representation

```
<Verb/>
```

Change Sales Lead
