Star5 GetRepairOrder

Overview

Star 5 Info

Link	**https://www.starstandard.org/images/SIGXMLSTAR5/RepairOrder.pdf**
Repository Release	5.12.4
Verb	Get, Show

Input

Header

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Key	Value	Description
Content-Type	application/xml	
Accept	application/xml	
Authorization	Bearer <Token>	The token must be generated

Parameters

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Name	Type	Required?	Default	Description
PartyID	String	Y	0000000	
DealerNumberID	String	Y	SV100001	
BODVersion	String	Y	S5.12.4-D1.0	

Body

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Name	Group Link	Required?	Type(Max)	Notes
`DocumentIdentificationGroup.AlternateDocumentIdentification.DocumentID.Value`	DocumentIdentificationType	N	String	Represents RO Number
`RepairOrderVehicleLineItem.Vehicle.VehicleID.Value`	VehicleABIEType	N	String	Vehicle's VIN
`GivenName.Value`	PersonType	N	String	Customer's FirstName
`FamilyName.Value`	PersonType	N	String	Customer's LastName
CompanyName	OrganizationABIEType	N	String	Company's Name
`DealerManagementSystemID.Value`	PartyABIEType	N	String	Customer's Number
OpenedStartDateTime	PeriodABIEType	N	DateTime	Repair Order start on (Status = Opened)
OpenedEndDateTime	PeriodABIEType	N	DateTime	End Day on (Status = Opened)
ClosedStartDateTime	PeriodABIEType	N	DateTime	Repair Order start on (Status = Closed)
ClosedEndDateTime	PeriodABIEType	N	DateTime	End Day on (Status = Closed)
CompletedStartDateTime	PeriodABIEType	N	DateTime	Repair Order start on (Status = Completed)
CompletedEndDateTime	PeriodABIEType	N	DateTime	End Day on (Status = Completed)
OpenedDate	RepairOrderHeaderType	N	DateTime	Repair Order Arrival
ClosedDate	RepairOrderHeaderType	N	DateTime	Repair Order End
CompletedDate	RepairOrderHeaderType	N	DateTime	Repair order Completed
Status	ServiceContractStatusType	N	String	Status as default (opened) [closed, Completed, Modified or Opened]
inclusiveIndicator	PeriodABIEType	N	bool	Verify if has destination.

XML Samples

⌄ Click here to expand...

Scenario	Sample
By RO Number	ByRONumber.xml

By Opened Day	ByOpenedDay.xml
By CustomerNumber	ByCustomerNumber.xml
ByFirstName	ByFirstName.xml

By VIN	

ByVIN.xml

Postman collection : https://www.getpostman.com/collections/5a4201c05b190b7a5744

Output

Success

A successful call will return an HTTP 200 status code containing a ShowRepairOrder Business Object Document (BOD) in the response, in compliance with the implementation of the STAR XML Schema (S5.12.4-D1.0). The following describes what the **ShowRepairOrderDataArea** co mponent of this object will be populated with.

Verb (Show)

The Show verb will contain a copy of the ApplicationArea for the original BOD that was processed in the request.

Noun (RepairOrder)

⌄ Click here to expand...

Header: Uses the component RepairOrderHeaderType.

Name	Group Link	Type(Max)	Notes
`DocumentIdentificationGroup. AlternateDocumentIdentification.DocumentID. Value`	DocumentIdentificationType	String	Represents RO Number
`ServiceAdvisorParty`	PartyABIEType	String	Advisor
`InDistanceMeasure.Value`	RepairOrderHeader Type	String	MilesIn
`OutDistanceMeasure.Value`	RepairOrderHeader Type	Integer	MilesOut
`OrderNotes.Value`	RepairOrderHeader Type	String	Repair Order Comments. Comma separated string values representing individual comments.
`DepartmentType.Value`	RepairOrderHeader Type	String	RO Type
`CustomerAppointmentFlag`	RepairOrderHeader Type	Boolean	Indicator that the customer had an appointment for this vehicle.
`CustomerAppointmentFlagSpecified`	RepairOrderHeader Type	Boolean	Must be set to True if `CustomerAppointme ntFlag` has a value.

`CustomerAppointmentNumber.Value`	RepairOrderHeader Type	Integer	Customer appointment number for this vehicle.
`VehicleHatNumber.Value`	RepairOrderHeader Type	String	
`RepairOrderOpenedDateTime`	RepairOrderHeader Type	DateTime	Arrival
`RepairOrderOpenedDateTimeSpecified`	RepairOrderHeader Type	Boolean	Must be set to True if `RepairOrderOpened DateTime` has a value.
`PromisedRepairCompletionDateTime`	RepairOrderHeader Type	DateTime	Date the repair completion was promised by.
`PromisedRepairCompletionDateTimeSpecified`	RepairOrderHeader Type	Boolean	Must be set to True if `PromisedRepairCom pletionDateTime` has a value.
`CustomerPaymentMethods`	RepairOrderHeader Type	Enumerated	Maps PaymentTypesClassId property of RepairOrderPayment Class into an enumerated type with values: [Cash, CreditCard, Check, Other]
`Price`	RepairOrderHeader Type	PriceABIEType []	Encapsulates totals, discounts, and header fees from a RO
`RentLoaner.RentNotes.Value`	RepairOrderHeader Type	String	[Yes, No]
`RepairOrderCompletedDateTime`	RepairOrderHeader Type	DateTime	Completed date
`RepairOrderCompletedDateTimeSpecified`	RepairOrderHeader Type	Boolean	Must be set to True if `RepairOrderComple tedDateTime` has a value.
`RepairOrderInvoiceDateTime`	RepairOrderHeader Type	DateTime	RO closed date
`RepairOrderInvoiceDateTimeSpecified`	RepairOrderHeader Type	Boolean	Must be set to True if `RepairOrderInvoic eDateTime` has a value.
Customer information: Uses the component PartyABIEType			
`DealerManagementSystemID.Value`	PartyABIEType	String	Customer's CustomerNumber
`GivenName.Value`	PersonType	String	Customer's FirstName
`MiddleName.Value`	PersonType	String	Customer's MiddleName
`FamilyName.Value`	PersonType	String	Customer's LastName
`Title.Value`	PersonType	String	Customer's Title
`NameSuffix.Value`	PersonType	String	Customer's Suffix
`ResidenceAddress.LineOne.Value`	AddressABIEType	String	Customer's address: Address1
`ResidenceAddress.LineTwo.Value`	AddressABIEType	String	Customer's address: Address2
`ResidenceAddress.CityName.Value`	AddressABIEType	String	Customer's city
`ResidenceAddress.Postcode.Value`	AddressABIEType	String	Customer's address: Zip
`ResidenceAddress. StateOrProvinceCountrySubDivisionID.Value`	AddressABIEType	String	Customer's address: State
`TelephoneCommunication.CompleteNumver.Value`	TelephoneCommuni cation	String	Customer's phone number
`URICommunication.URIID.Value`	CommunicationABIE Type	String	Represents customer's Suffix
Vehicle information: Uses the component RepairOrderVehicleLineItemType			
`RepairOrderVehicleLineItem.Vehicle.ModelYear`	VehicleABIEType	String	Year
`RepairOrderVehicleLineItem.Vehicle. ModelDescription.Value`	VehicleABIEType	String	Model
`RepairOrderVehicleLineItem.Vehicle.MakeString. Value`	VehicleABIEType	String	Make
`RepairOrderVehicleLineItem.Vehicle.Model.Value`	VehicleABIEType	String	ModelShort

`RepairOrderVehicleLineItem.Vehicle.VehicleID.Value`	VehicleABIEType	String	VIN
`RepairOrderVehicleLineItem.LicenseNumberString`	VehicleABIEType	String	LicensePlate

Job: Represents the list of operation applied to a RO. Uses the component JobType.

Name	Group Link	Type(Max)	Notes
`JobNumberString.Value`	JobType	String	Represent the operation label, used to identify operations from/to a third party.
`OperationID.Value`	JobType	String(20)	Represent the operation OpCode
`CodesAndCommentsExpanded.CauseDescription.Value`	CodesAndComments Expanded	String	Cause
`CodesAndCommentsExpanded.ComplaintDescription.Value`	CodesAndComments Expanded	String	Concern
`CodesAndCommentsExpanded.CorrectionDescription.Value`	CodesAndComments Expanded	String	Correction
`JobCompletionDate`	JobType	String	Date when the operation was completed. Should be provided when trying to complete an operation (StatusCode = "Completed").
`JobStatusCode.Value`	JobType	String(50)	Represent different statuses an operation might go through. Possible values: • **Completed**: Operation completed. • **Deferred**: Operation deferred. • **Voided**: Operation voided. • **Tech Complete**: Technician completed the operation. • **Default**: initial status when operation is created. Represented by an empty string.
Parts: Uses the component ServicePartsType			
`ServiceParts.ItemIdentificationGroup.ItemID`	ServicePartsType	String	PartNumber
`ServiceParts.ItemQuantity.Value`	ServicePartsType	Int	Quantity
`ServiceParts.ManufacturerName.Value`	ServicePartsType	String	A value used to search for this part. If none is provided, we try to find provided part by using company's registered manufactures.
Labors: Uses the component ServiceLaborType			
`ServiceLabor.LaborAllowanceHoursNumeric`	ServiceLaborType	Decimal	LaborHours
`ServiceLabor.LaborActualHoursNumeric`	ServiceLaborType	Decimal	ActualHours
`ServiceLabor.ServiceTechnicianParty.DealerManagementSystemID.Value`	PartyABIEType	String	Technician's employee number.
`ServiceLabor.Pricing.Price.ChargeAmount.Value`	PriceABIEType	Decimal	LaborSale

Business Rules

General

Click here to expand...

Scenario	Action	Expected Results

Appendix A. ShowRepairOrder sample

Search by RONumber

˅ Click here to expand...

```xml
<ShowRepairOrder xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" releaseID="S5.
12.4-D1.0" xmlns="http://www.starstandard.org/STAR/5">
    <ApplicationArea>
        <Sender>
            <CreatorNameCode>D2</CreatorNameCode>
            <SenderNameCode>D2</SenderNameCode>
            <PartyID>0000000</PartyID>
        </Sender>
        <CreationDateTime>2020-07-04T01:01:36Z</CreationDateTime>
        <BODID>e7785609-1723-4eb7-8949-27e3f5821e3e</BODID>
        <Destination>
            <DestinationNameCode>D2</DestinationNameCode>
            <DealerNumberID>SVD999801</DealerNumberID>
            <ServiceMessageID>S5.12.4-D1.0</ServiceMessageID>
        </Destination>
    </ApplicationArea>
    <ShowRepairOrderDataArea>
        <Show>
            <OriginalApplicationArea>
                <Sender>
                    <CreatorNameCode>Test</CreatorNameCode>
                    <SenderNameCode>Test</SenderNameCode>
                    <PartyID>0000000</PartyID>
                </Sender>
                <CreationDateTime>2020-05-29T22:53:41.052Z<
/CreationDateTime>
                <BODID>guid</BODID>
                <Destination>
                    <DestinationNameCode>Destination<
/DestinationNameCode>
                    <DealerNumberID>SVD999801</DealerNumberID>
                    <ServiceMessageID>S5.12.4-D1.0</ServiceMessageID>
                </Destination>
            </OriginalApplicationArea>
        </Show>
        <RepairOrder>
            <RepairOrderHeader>
                <DocumentIdentificationGroup>
                    <DocumentIdentification>
                        <DocumentID>N/A</DocumentID>
                    </DocumentIdentification>
                    <AlternateDocumentIdentification>
```

```xml
                    <DocumentID>104599</DocumentID>
                </AlternateDocumentIdentification>
            </DocumentIdentificationGroup>
            <OwnerParty>
                <DealerManagementSystemID>8373</DealerManagementSystemID>
                <SpecifiedPerson>
                    <GivenName>Dev</GivenName>
                    <FamilyName>Customer</FamilyName>
                    <GenderCode>O</GenderCode>
                    <TelephoneCommunication>
                        <ChannelCode>Telephone</ChannelCode>
                        <CompleteNumber>4566665554</CompleteNumber>
                        <UseCode>Home</UseCode>
                        <UsagePreference />
                    </TelephoneCommunication>
                    <TelephoneCommunication>
                        <ChannelCode>Telephone</ChannelCode>
                        <CompleteNumber>5455425632</CompleteNumber>
                        <UseCode>Work</UseCode>
                        <UsagePreference />
                    </TelephoneCommunication>
                    <TelephoneCommunication>
                        <ChannelCode>Telephone</ChannelCode>
                        <CompleteNumber>5553656598</CompleteNumber>
                        <UseCode>Snapshot</UseCode>
                        <UsagePreference />
                    </TelephoneCommunication>
                    <URICommunication>
                        <URIID>ashley.cote@drivedominion.com</URIID>
                        <ChannelCode>Email</ChannelCode>
                    </URICommunication>
                    <ContactMethodTypeCode>N/A</ContactMethodTypeCode>
                </SpecifiedPerson>
                <Privacy>
                    <PrivacyIndicator>false</PrivacyIndicator>
                    <PrivacyTypeString>Do Not Contact</PrivacyTypeString>
                </Privacy>
                <Privacy>
                    <PrivacyIndicator>false</PrivacyIndicator>
                    <PrivacyTypeString>Text Allowed</PrivacyTypeString>
                </Privacy>
                <Privacy>
```

```
                            <PrivacyIndicator>false</PrivacyIndicator>
                            <PrivacyTypeString>Phone Call Allowed<
/PrivacyTypeString>
                        </Privacy>
                        <Privacy>
                            <PrivacyIndicator>false</PrivacyIndicator>
                            <PrivacyTypeString>Email Allowed<
/PrivacyTypeString>
                        </Privacy>
                        <Privacy>
                            <PrivacyIndicator>false</PrivacyIndicator>
                            <PrivacyTypeString>Mail Allowed<
/PrivacyTypeString>
                        </Privacy>
                        <PartyActionEvent>
                            <EventID>Created</EventID>
                            <EventOccurrenceDateTime>2018-09-27T13:26:
41.16</EventOccurrenceDateTime>
                        </PartyActionEvent>
                        <PartyActionEvent>
                            <EventID>Changed</EventID>
                            <EventOccurrenceDateTime>2019-08-26T16:22:
59.187</EventOccurrenceDateTime>
                        </PartyActionEvent>
                    </OwnerParty>
                    <RepairOrderVehicleLineItem>
                        <Vehicle>
                            <Model>F-250</Model>
                            <ModelYear>2019</ModelYear>
                            <ModelDescription>F-250 Super Duty<
/ModelDescription>
                            <MakeString>Ford</MakeString>
                            <SaleClassCode>New</SaleClassCode>
                            <TransmissionGroup>
                                <TransmissionTypeName>Automatic<
/TransmissionTypeName>
                            </TransmissionGroup>
                            <VehicleClassCode>passenger</VehicleClassCode>
                            <Engine>
                                <NumberOfEngineCylindersNumeric>0<
/NumberOfEngineCylindersNumeric>
                                <EngineSerialString />
                            </Engine>
                            <VehicleID>1FT7W2BT5KED07573</VehicleID>
                            <VehicleWeightMeasure unitCode="pound">0<
/VehicleWeightMeasure>
                            <VehicleStockString>45513</VehicleStockString>
                            <VehicleHistoryDateGroup>
                                <VehicleHistoryDate>2020-04-07<
/VehicleHistoryDate>
```

```xml
                        <VehicleHistoryTypeDescription>In-
Service Date</VehicleHistoryTypeDescription>
                    </VehicleHistoryDateGroup>
                </Vehicle>
                <OriginalSoldDate>2020-04-14</OriginalSoldDate>
                <DeliveryDistanceMeasure unitCode="mile">0<
/DeliveryDistanceMeasure>
                <VehicleDemoIndicator>false</VehicleDemoIndicator>
                <LicenseNumberString />
            </RepairOrderVehicleLineItem>
            <Warranty>
                <WarrantyStartDate>2020-04-14</WarrantyStartDate>
                <WarrantyExpirationDate>2021-04-14<
/WarrantyExpirationDate>
                <WarrantyStartDistanceMeasure unitCode="mile">0<
/WarrantyStartDistanceMeasure>
                <WarrantyEndDistanceMeasure unitCode="mile">12000<
/WarrantyEndDistanceMeasure>
                <WarrantyCoverage>
                    <TermMeasure unitCode="month">12</TermMeasure>
                </WarrantyCoverage>
            </Warranty>
            <InDistanceMeasure unitCode="mile">2020<
/InDistanceMeasure>
            <OutDistanceMeasure unitCode="mile">2020<
/OutDistanceMeasure>
            <OrderNotes>This is a RO comment</OrderNotes>
            <DepartmentType>Service</DepartmentType>
            <RentLoaner>
                <RentNotes>No</RentNotes>
            </RentLoaner>
            <Price>
                <ChargeAmount currencyID="USD">38.00<
/ChargeAmount>
                <PriceDescription>Internal</PriceDescription>
            </Price>
            <Price>
                <ChargeAmount currencyID="USD">0.00</ChargeAmount>
                <PriceDescription>Part Discount</PriceDescription>
            </Price>
            <Price>
                <ChargeAmount currencyID="USD">0.00</ChargeAmount>
                <PriceDescription>Labor Discount<
/PriceDescription>
            </Price>
            <Price>
                <ChargeAmount currencyID="USD">0.00</ChargeAmount>
                <PriceDescription>Customer Pay Header Fees<
/PriceDescription>
            </Price>
```

```xml
                    <Price>
                        <ChargeAmount currencyID="USD">0.00</ChargeAmount>
                        <PriceDescription>Internal Pay Header Fees</PriceDescription>
                    </Price>
                    <Price>
                        <ChargeAmount currencyID="USD">0</ChargeAmount>
                        <PriceDescription>Warranty Pay Header Fees</PriceDescription>
                    </Price>
                    <Price>
                        <ChargeAmount currencyID="USD">5.00</ChargeAmount>
                        <PriceDescription>Total Header Discount</PriceDescription>
                    </Price>
                    <RepairOrderStatus>
                        <StatusText>Opened</StatusText>
                    </RepairOrderStatus>
                    <CustomerAppointmentFlag>false</CustomerAppointmentFlag>
                    <PromisedRepairCompletionDateTime>2020-07-04T12:00:00Z</PromisedRepairCompletionDateTime>
                    <RepairOrderOpenedDateTime>2020-07-04T00:26:50Z</RepairOrderOpenedDateTime>
                </RepairOrderHeader>
                <Job>
                    <JobNumberString>A</JobNumberString>
                    <OperationID>S6QT</OperationID>
                    <OperationName>Lof/Rotate</OperationName>
                    <CodesAndCommentsExpanded>
                        <CauseDescription>N/A</CauseDescription>
                        <ComplaintDescription>Whatever</ComplaintDescription>
                        <CorrectionDescription>Change Oil, Filter, Rotate Tires</CorrectionDescription>
                    </CodesAndCommentsExpanded>
                    <ServiceLabor>
                        <LaborAllowanceHoursNumeric>0.50</LaborAllowanceHoursNumeric>
                        <LaborRateAmount currencyID="USD">74.45</LaborRateAmount>
                        <Pricing>
                            <Price>
                                <PriceCode>Labor</PriceCode>
                                <ChargeAmount currencyID="USD">0.00</ChargeAmount>
                            </Price>
                        </Pricing>
                        <LaborActualHoursNumeric>0.00</LaborActualHoursNumeric>
```

```xml
                        <ServiceTechnicianParty>
                            <DealerManagementSystemID>DMSAE0005</DealerManagementSystemID>
                            <SpecifiedPerson>
                                <GivenName>Alexis</GivenName>
                                <FamilyName>Echemendia</FamilyName>
                            </SpecifiedPerson>
                        </ServiceTechnicianParty>
                    </ServiceLabor>
                    <JobLaborRateAmount currencyID="USD">50.00</JobLaborRateAmount>
                    <LaborAllowanceHoursNumeric>0.50</LaborAllowanceHoursNumeric>
                    <LaborActualHoursNumeric>0.00</LaborActualHoursNumeric>
                    <JobTypeString>Internal</JobTypeString>
                    <ServiceTechnicianParty />
                    <ServiceComponents>
                        <ComponentTypeCode>Freight</ComponentTypeCode>
                        <Pricing>
                            <Price>
                                <ChargeAmount currencyID="USD">8.00</ChargeAmount>
                            </Price>
                        </Pricing>
                    </ServiceComponents>
                </Job>
                <Job>
                    <JobNumberString>B</JobNumberString>
                    <OperationID>NEWCD</OperationID>
                    <OperationName>New Car Detail</OperationName>
                    <CodesAndCommentsExpanded>
                        <CauseDescription>N/A</CauseDescription>
                        <ComplaintDescription>New Car Detail</ComplaintDescription>
                    </CodesAndCommentsExpanded>
                    <ServiceParts>
                        <ItemIdDescription>FILTER-ENGINE OIL</ItemIdDescription>
                        <ItemQuantity>0</ItemQuantity>
                        <Pricing>
                            <Price>
                                <PriceCode>Sold</PriceCode>
                                <ChargeAmount currencyID="USD">0.00</ChargeAmount>
                            </Price>
                        </Pricing>
                        <Pricing>
                            <Price>
                                <PriceCode>PartCost</PriceCode>
```

```xml
                                    <ChargeAmount currencyID="USD">4.95<
/ChargeAmount>
                                </Price>
                            </Pricing>
                            <ItemIdentificationGroup>
                                <ItemIdentification>
                                    <ItemID>1AML00003A</ItemID>
                                </ItemIdentification>
                            </ItemIdentificationGroup>
                            <ManufacturerName>Chrysler</ManufacturerName>
                        </ServiceParts>
                        <ServiceLabor>
                            <LaborAllowanceHoursNumeric>0.50<
/LaborAllowanceHoursNumeric>
                            <LaborRateAmount currencyID="USD">74.45<
/LaborRateAmount>
                            <Pricing>
                                <Price>
                                    <PriceCode>Labor</PriceCode>
                                    <ChargeAmount currencyID="USD">37.23<
/ChargeAmount>
                                </Price>
                            </Pricing>
                            <LaborActualHoursNumeric>0.00<
/LaborActualHoursNumeric>
                            <ServiceTechnicianParty>
                                <DealerManagementSystemID>DMSAE0005<
/DealerManagementSystemID>
                                <SpecifiedPerson>
                                    <GivenName>Alexis</GivenName>
                                    <FamilyName>Echemendia</FamilyName>
                                </SpecifiedPerson>
                            </ServiceTechnicianParty>
                        </ServiceLabor>
                        <JobLaborRateAmount currencyID="USD">0.00<
/JobLaborRateAmount>
                        <LaborAllowanceHoursNumeric>0.50<
/LaborAllowanceHoursNumeric>
                        <LaborActualHoursNumeric>0.00<
/LaborActualHoursNumeric>
                        <JobStatusCode>Deferred</JobStatusCode>
                        <JobTypeString>Customer</JobTypeString>
                        <ServiceTechnicianParty />
                        <ServiceComponents>
                        <ComponentTypeCode>Miscellaneous<
/ComponentTypeCode>
                            <Pricing>
                                <Price>
                                    <ChargeAmount currencyID="USD">1.12<
/ChargeAmount>
```

```
                </Price>
            </Pricing>
        </ServiceComponents>
        <ServiceComponents>
            <ComponentTypeCode>Freight</ComponentTypeCode>
            <Pricing>
                <Price>
                    <ChargeAmount currencyID="USD">8.00<
/ChargeAmount>
                </Price>
            </Pricing>
        </ServiceComponents>
    </Job>
</RepairOrder>
</ShowRepairOrderDataArea>
</ShowRepairOrder>
```