



Message Implementation Guideline

FV18_VehicleServiceOrder

Version: Odette 1.2
Variant: VW 1.0
Issue date: 17/01/2023
Author: Volkswagen

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Structure

Occurrence	Element/Attribute
Envelope	
required	<i>Version</i>
required	<i>ControllingInstance</i>
1 .. 1	xs:sequence
1 .. 1	Header
1 .. 1	xs:sequence
1 .. 1	ReceiverID
required	<i>Agency</i>
1 .. 1	SenderID
required	<i>Agency</i>
1 .. 1	MessageType
1 .. 1	InterchangeID
1 .. 1	Timestamp
0 .. 1	TestIndicator
1 .. 1	Body
1 .. 1	xs:sequence
1 .. 1	xs:sequence
1 .. 1	xs:choice
1 .. 1	VehicleServiceOrder
required	<i>Version</i>
required	<i>ControllingInstance</i>
1 .. 1	xs:sequence
1 .. 1	SubType
0 .. 1	Profile
1 .. 1	DocumentID
1 .. 1	IssueDate
required	<i>Format</i>
1 .. 1	DocumentFunctionCode
1 .. 1	Header
1 .. 1	xs:sequence
1 .. unbounded	SenderID
required	<i>Agency</i>
1 .. unbounded	ReceiverID
required	<i>Agency</i>
0 .. 1	Forwarder
1 .. 1	xs:sequence
1 .. unbounded	Identifier
required	<i>Agency</i>
1 .. 1	Address
1 .. 1	xs:sequence
1 .. 1	Name1
0 .. 1	Name2
0 .. 1	Street1
0 .. 1	Street2
0 .. 1	PostalCode
0 .. 1	City
0 .. 1	CountryCode
1 .. 1	ServiceProvider
1 .. 1	xs:sequence

Bold = Simple Element, Bold on grey background = Complex Element, Italic = Attribute, Grey = Group

Occurrence	Element/Attribute
1 .. 1 required	Identifier
	<i>Agency</i>
0 .. 1	Address
1 .. 1	<i>xs:sequence</i>
1 .. 1	Name1
0 .. 1	Name2
1 .. 1	Street1
0 .. 1	Street2
1 .. 1	PostalCode
1 .. 1	City
1 .. 1	CountryCode
1 .. 1	<i>xs:sequence</i>
0 .. 1	VATID
0 .. 1	TaxRegistrationID
0 .. 1	CompanyRegistrationID
1 .. 1	ServiceLocation
	<i>Lat</i>
	<i>Lon</i>
1 .. 1	<i>xs:sequence</i>
0 .. 1	LocationID
0 .. 1	Address
1 .. 1	<i>xs:sequence</i>
0 .. 1	Name1
0 .. 1	Name2
0 .. 1	Street1
0 .. 1	Street2
0 .. 1	PostalCode
0 .. 1	City
1 .. 1	CountryCode
0 .. 1	CountryName
0 .. 1 required	Contact
	<i>Qualifier</i>
1 .. 1	<i>xs:sequence</i>
0 .. 1	Identifier
1 .. 1	Name
0 .. 1	Telephone
0 .. 1	Telefax
0 .. 1	Email
1 .. 1	ServiceBuyer
1 .. 1	<i>xs:sequence</i>
1 .. unbounded required	Identifier
	<i>Agency</i>
0 .. 1	Address
1 .. 1	<i>xs:sequence</i>
0 .. 1	Name1
0 .. 1	Name2
0 .. 1	Street1
0 .. 1	Street2
0 .. 1	PostalCode
0 .. 1	City
0 .. 1	CountryCode

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Occurrence	Element/Attribute
0 .. 1	VATID
0 .. 1	TaxRegistrationID
0 .. 1	CompanyRegistrationID
1 .. 1	ServiceSeller
1 .. 1	xs:sequence
1 .. unbounded required	Identifier
	Agency
0 .. 1	Address
1 .. 1	xs:sequence
0 .. 1	Name1
0 .. 1	Name2
0 .. 1	Street1
0 .. 1	Street2
0 .. 1	PostalCode
0 .. 1	City
0 .. 1	CountryCode
0 .. 1	VATID
0 .. 1	TaxRegistrationID
0 .. 1	CompanyRegistrationID
0 .. unbounded	FreeText
	Qualifier
	Language
1 .. 1	Line
	Priority
optional	PlanningType
1 .. 1	xs:sequence
0 .. 1	StartDate
required	Status
required	Format
0 .. 1	CompletionDate
required	Status
required	Format
0 .. 1	Plant
1 .. 2	VehicleID
required	Type
0 .. 1	Model
	Cluster
	ProductType
	FuelType
1 .. 1	xs:sequence
1 .. 1	Name
0 .. 1	Version
0 .. 1	ModelGroup
0 .. 1	Manufacturer
1 .. 1	xs:sequence
1 .. 1	Name
0 .. 1	CountryCode
0 .. unbounded	Accessory
1 .. 1	xs:sequence
1 .. 1	Type
1 .. 1	Quantity
0 .. 1	Remark

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Guideline

Element/Attribute	Annotation	
Envelope	Type	extension (EnvelopeType)
	Remark	The Envelope element provides a wrapper around the message that can be used by traditional EDI-systems and web-services to identify the message sender and receiver on a technical level rather than the commercial level. It contains also a unique interchange number for tracking, tracing and reference, a timestamp and an indicator, whether the interchange is a test. To keep it simple each envelope contains exactly one specified business message in its Body sub-element. For technical reasons (e.g. to select the correct converter-procedure in the EDI-system) this business message type must be specified in the Envelope/Header element as well.
<i>Version</i>	Type	xs:normalizedString
	Fixed	2023A
	Use	required
	WhiteSpace	replace
	Remark	Schema version
<i>ControllingInstance</i>	Type	xs:string
	Fixed	Odette
	Use	required
	Remark	To indicate the author (fixed: Odette)
xs:sequence	Occurrence	1 .. 1
Header	Occurrence	1 .. 1
	Type	EnvelopeHeaderType
	Remark	This element contains the interchange information of the data exchange.
xs:sequence	Occurrence	1 .. 1
ReceiverID	Occurrence	1 .. 1
	Type	PartyIdentifierType
	Length	1 .. 70
	Remark	Technical ID of the receiver - If the message is generated by VW, only VW supplier number allowed. If the message is generated by the LSP, use UUID to adress VW senders. For a response to a ServiceOrder the UUID can be found in the SenderID of the initial Service Order.
	Example	Message from VW: Supplier number (247241) Message from LSP: UUID (e1d93a4b-9b8a-416f-b3b8-4823c52f9d59)
<i>Agency</i>	Type	IdentifierAssigningAgencyCode
	Use	required
	Remark	Responsible agency or organisation assigning the identifier.
Applicable Codes		
	Buyer	Identifier assigned by the buyer (customer)
SenderID	Occurrence	1 .. 1
	Type	PartyIdentifierType
	Length	1 .. 70
	Remark	Technical ID of the Sender - If the message is generated by VW, UUID is used for VW senders.

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Element/Attribute	Annotation
	<p>If the message is generated by the LSP, only the VW supplier number is allowed as SenderID.</p> <p>Example Message from VW: UUID (e1d93a4b-9b8a-416f-b3b8-4823c52f9d59) Message from LSP: Supplier number (247241)</p>
<i>Agency</i>	<p>Type IdentifierAssigningAgencyCode Use required Remark Responsible agency or organisation assigning the identifier.</p>
Applicable Codes	
	Buyer
	Identifier assigned by the buyer (customer)
MessageType	<p>Occurrence 1 .. 1 Type ElectronicDocumentTypeCode Remark The message type as identified in the web service.</p>
Applicable Codes	
	VehicleServiceOrder
	self explanatory
InterchangeID	<p>Occurrence 1 .. 1 Type xs:string Remark The unique ID assigned by the connector to the interchange. Format: UUID</p>
	Example 051532af-90a2-4c2c-8de6-8f866c4eef1c
Timestamp	<p>Occurrence 1 .. 1 Type xs:dateTime Remark Date and time of generation of the envelope (may differ from the message date itself), Format: CCYY-MM-DDTHH:MM:SS - example: 2010-10-04T10:15:32</p>
	Example 2010-10-15T14:33:55
TestIndicator	<p>Occurrence 0 .. 1 Type xs:boolean Default false Remark To mark the interchange as test (true). Example false</p>
Body	<p>Occurrence 1 .. 1 Type EnvelopeBodyType Remark The Body element contains the business message and - in some cases - Attachments.</p>
xs:sequence	Occurrence 1 .. 1
xs:sequence	Occurrence 1 .. 1
xs:choice	Occurrence 1 .. 1
	Remark Here, exactly one of the defined message elements follows.
VehicleServiceOrder	<p>Occurrence 1 .. 1 Type extension (ElectronicDocumentType)</p>
<i>Version</i>	<p>Type MessageVersionCode Use required</p>
Applicable Codes	
	1.2
<i>ControllingInstance</i>	<p>Type xs:string Fixed Odette Use required Remark To indicate the author (fixed: Odette)</p>
xs:sequence	Occurrence 1 .. 1
SubType	<p>Occurrence 1 .. 1 Type ElectronicDocumentSubTypeCode Remark To define the sub-type of the document - see codes</p>

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Element/Attribute	Annotation
	Applicable Codes VehicleServiceOrder A message where the OEM orders a service action to be carried out by the service provider VehicleServiceOrderForecast A message where the OEM forecasts service actions to be carried out by the compound manager in a certain period VehicleServiceOrderResponse A message of the compound manager in response to a service order or forecast
Profile	Occurrence 0 .. 1 Type xs:string Name To identify the implementation profile of the message (e.g. the underlying business process etc.)
DocumentID	Occurrence 1 .. 1 Type string_1_35 Length 1 .. 35 Remark Unique identifier of the service order, issued by the sender. The DocumentID has to be referenced in the ServiceOrderResponse.
IssueDate	Occurrence 1 .. 1 Type DateType2 Example 201009281433 Remark The date the electronic document was issued/generated.
<i>Format</i>	Type DateTypeFormatCode Use required Remark Format of date / date + time , coded
	Applicable Codes CCYYMMDDhhmmssZhmm Data and time with seconds, including time zone in UTC without offset
DocumentFunctionCode	Occurrence 1 .. 1 Type DocumentFunctionCode Default Original Remark To define or describe the function of the document. Default: Original Name To distinguish e.g. between original and change of the message. Default: Original
	Applicable Codes Cancellation This Code is used to signal that an Order has been completed Completion This Code is used to signal that an Order has been completed Confirmation This Code is currently not used Forecast This Code is currently not used Original This Code is used in the initial ServiceOrder Rejection This Code is used to signal that a ServiceOrder could not be executed and is therefore rejected. StartInfo The message indicates the start of requested action or process. Update The message contains an update to previously given information.
Header	Occurrence 1 .. 1 Type VehicleServiceOrderHeaderType
<i>xs:sequence</i>	Occurrence 1 .. 1

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Element/Attribute	Annotation
SenderID	Occurrence 1 .. unbounded Type PartyIdentifierType Length 1 .. 70 Remark Same ID as SenderID from Envelope/Header Example 123456789
<i>Agency</i>	Type IdentifierAssigningAgencyCode Use required Remark Responsible agency or organisation assigning the identifier.
Applicable Codes	
Buyer	
Identifier assigned by the buyer (customer)	
ReceiverID	Occurrence 1 .. unbounded Type PartyIdentifierType Length 1 .. 70 Remark Same ID as ReceiverID from Envelope/Header Example 987654321
<i>Agency</i>	Type IdentifierAssigningAgencyCode Use required Remark Responsible agency or organisation assigning the identifier.
Applicable Codes	
Buyer	
Identifier assigned by the buyer (customer)	
Forwarder	Occurrence 0 .. 1 Type PartyType_4 Example 432112345 Remark Contractual partner of Volkswagen Group Logistics who is commissioned to realize TransportOrders.
<i>xs:sequence</i>	Occurrence 1 .. 1
Identifier	Occurrence 1 .. unbounded Type PartyIdentifierType Length 1 .. 70 Remark VW supplier number of the forwarder
<i>Agency</i>	Type IdentifierAssigningAgencyCode Use required Remark Responsible agency or organisation assigning the identifier.
Applicable Codes	
Buyer	
Identifier assigned by the buyer (customer)	
Address	Occurrence 1 .. 1 Type AddressType_2 Remark Name and address information
<i>xs:sequence</i>	Occurrence 1 .. 1
Name1	Occurrence 1 .. 1 Type string_1_35 Length 1 .. 35 Remark Name - line 1
Name2	Occurrence 0 .. 1 Type string_1_35 Length 1 .. 35 Remark Name - line 2
Street1	Occurrence 0 .. 1 Type string_1_35 Length 1 .. 35 Remark Street - line 1

Bold = Element, *Italic* = Attribute, Grey = Group

Element/Attribute		Annotation	
	Street2	Occurence	0 .. 1
		Type	string_1_35
		Length	1 .. 35
	PostalCode	Occurence	0 .. 1
		Type	string_1_10
		Length	1 .. 10
	City	Occurence	0 .. 1
		Type	string_1_35
		Length	1 .. 35
	CountryCode	Occurence	0 .. 1
		Type	CountryCode
		Remark	Country, coded according to ISO 3166-2
	ServiceProvider	Occurence	1 .. 1
		Type	extension (PartyType_4)
		Remark	A partner, other than the forwarder, providing specialised logistics services, such as loading e.t.c.
	xs:sequence	Occurence	1 .. 1
	Identifier	Occurence	1 .. 1
		Type	PartyIdentifierType
		Length	1 .. 70
		Remark	VW supplier number of the ServiceProvider
	Agency	Type	IdentifierAssigningAgencyCode
		Use	required
		Remark	Responsible agency or organisation assigning the identifier.
	Applicable Codes		
	Buyer		
	Identifier assigned by the buyer (customer)		
	Address	Occurence	0 .. 1
		Type	AddressType_2
		Remark	Name and address information
	xs:sequence	Occurence	1 .. 1
	Name1	Occurence	1 .. 1
		Type	string_1_35
		Length	1 .. 35
		Remark	Name - line 1
	Name2	Occurence	0 .. 1
		Type	string_1_35
		Length	1 .. 35
		Remark	Name - line 2
	Street1	Occurence	1 .. 1
		Type	string_1_35
		Length	1 .. 35
		Remark	Street - line 1
	Street2	Occurence	0 .. 1
		Type	string_1_35
		Length	1 .. 35
	PostalCode	Occurence	1 .. 1
		Type	string_1_10
		Length	1 .. 10
	City	Occurence	1 .. 1
		Type	string_1_35
		Length	1 .. 35
	CountryCode	Occurence	1 .. 1
		Type	CountryCode
		Remark	Country, coded according to ISO 3166-2
	xs:sequence	Occurence	1 .. 1

Bold = Element, *Italic* = Attribute, Grey = Group

Element/Attribute		Annotation	
VATID	Occurrence	0 .. 1	
	Type	string_1_35	
	Length	1 .. 35	
TaxRegistrationID	Occurrence	0 .. 1	
	Type	string_1_35	
	Length	1 .. 35	
CompanyRegistrationID	Occurrence	0 .. 1	
	Type	string_1_35	
	Length	1 .. 35	
ServiceLocation	Occurrence	1 .. 1	
	Type	LocationType	
	Remark	To specify a specific location, where the ServiceOrder has to be executed.	
Lat	Type	xs:decimal	
	FractionDigits	7	
	Inclusive	-90 .. 90	
	Remark	Latitude of the location, max 6 fraction digits	
Lon	Type	xs:decimal	
	FractionDigits	7	
	Inclusive	-180 .. 180	
	Remark	Longitude of the location, max 6 fraction digits	
xs:sequence	Occurrence	1 .. 1	
LocationID	Occurrence	0 .. 1	
	Type	IdentifierType	
	Length	1 .. 20	
	Remark	A unique identifier for this location.	
Address	Occurrence	0 .. 1	
	Type	AddressType_2	
	Remark	Name and address of the location	
xs:sequence	Occurrence	1 .. 1	
Name1	Occurrence	0 .. 1	
	Type	string_1_35	
	Length	1 .. 35	
	Remark	Name - line 1	
Name2	Occurrence	0 .. 1	
	Type	string_1_35	
	Length	1 .. 35	
	Remark	Name - line 2	
Street1	Occurrence	0 .. 1	
	Type	string_1_35	
	Length	1 .. 35	
	Remark	Street - line 1	
Street2	Occurrence	0 .. 1	
	Type	string_1_35	
	Length	1 .. 35	
PostalCode	Occurrence	0 .. 1	
	Type	string_1_10	
	Length	1 .. 10	
City	Occurrence	0 .. 1	
	Type	string_1_35	
	Length	1 .. 35	
CountryCode	Occurrence	1 .. 1	
	Type	CountryCode	
	Remark	Country, coded according to ISO 3166-2	
CountryName	Occurrence	0 .. 1	
	Type	string_1_40	
	Length	1 .. 40	

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Element/Attribute	Annotation
Contact	Remark Country name Occurrence 0 .. 1 Type extension (ContactType)
<i>Qualifier</i>	Remark Contact information for the business partner Type ContactQualifierCode Use required Applicable Codes
<i>xs:sequence</i>	Information
Identifier	General information contact Occurrence 1 .. 1 Type IdentifierType Length 1 .. 20 Remark A unique identifier for this contact.
Name	Occurrence 1 .. 1 Type string_1_30 Length 1 .. 30 Remark Name of the contact partner or organisation unit.
Telephone	Occurrence 0 .. 1 Type string_1_25 Length 1 .. 25 Remark Telephone number
Telefax	Occurrence 0 .. 1 Type string_1_25 Length 1 .. 25 Remark Telefax number
Email	Occurrence 0 .. 1 Type xs:string Remark Email address
ServiceBuyer	Occurrence 1 .. 1 Type extension (PartyType_4) Remark Contractual partner who commissions the ServiceOrders.
<i>xs:sequence</i>	Occurrence 1 .. 1
Identifier	Occurrence 1 .. unbounded Type PartyIdentifierType Length 1 .. 70 Remark Unique identifier of a party / business partner
<i>Agency</i>	Type IdentifierAssigningAgencyCode Use required Remark Responsible agency or organisation assigning the identifier. Applicable Codes
	Buyer
	Identifier assigned by the buyer (customer)
Address	Occurrence 0 .. 1 Type AddressType_2 Remark Name and address information
<i>xs:sequence</i>	Occurrence 1 .. 1
Name1	Occurrence 0 .. 1 Type string_1_35 Length 1 .. 35 Remark Name - line 1
Name2	Occurrence 0 .. 1 Type string_1_35 Length 1 .. 35 Remark Name - line 2

Bold = Element, *Italic* = Attribute, Grey = Group

Element/Attribute		Annotation	
Street1	Occurence	0 .. 1	
	Type	string_1_35	
	Length	1 .. 35	
	Remark	Street - line 1	
Street2	Occurence	0 .. 1	
	Type	string_1_35	
	Length	1 .. 35	
PostalCode	Occurence	0 .. 1	
	Type	string_1_10	
	Length	1 .. 10	
City	Occurence	0 .. 1	
	Type	string_1_35	
	Length	1 .. 35	
CountryCode	Occurence	0 .. 1	
	Type	CountryCode	
	Remark	Country, coded according to ISO 3166-2	
VATID	Occurence	0 .. 1	
	Type	string_1_35	
	Length	1 .. 35	
TaxRegistrationID	Occurence	0 .. 1	
	Type	string_1_35	
	Length	1 .. 35	
CompanyRegistrationID	Occurence	0 .. 1	
	Type	string_1_35	
	Length	1 .. 35	
ServiceSeller	Occurence	1 .. 1	
	Type	extension (PartyType_4)	
	Remark	Contractual partner who executes the ServiceOrders. Same Value as ServiceProvider.	
xs:sequence	Occurence	1 .. 1	
Identifier	Occurence	1 .. unbounded	
	Type	PartyIdentifierType	
	Length	1 .. 70	
	Remark	VW supplier number of the ServiceSeller (aka ServiceProvider)	
Agency	Type	IdentifierAssigningAgencyCode	
	Use	required	
	Remark	Responsible agency or organisation assigning the identifier.	
	Applicable Codes		
Buyer	Identifier assigned by the buyer (customer)		
Address	Occurence	0 .. 1	
	Type	AddressType_2	
	Remark	Name and address information	
xs:sequence	Occurence	1 .. 1	
Name1	Occurence	0 .. 1	
	Type	string_1_35	
	Length	1 .. 35	
	Remark	Name - line 1	
Name2	Occurence	0 .. 1	
	Type	string_1_35	
	Length	1 .. 35	
	Remark	Name - line 2	
Street1	Occurence	0 .. 1	
	Type	string_1_35	
	Length	1 .. 35	

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Element/Attribute	Annotation
Street2	Remark Street - line 1 Occurrence 0 .. 1 Type string_1_35 Length 1 .. 35
PostalCode	Occurrence 0 .. 1 Type string_1_10 Length 1 .. 10
City	Occurrence 0 .. 1 Type string_1_35 Length 1 .. 35
CountryCode	Occurrence 0 .. 1 Type CountryCode Remark Country, coded according to ISO 3166-2
VATID	Occurrence 0 .. 1 Type string_1_35 Length 1 .. 35
TaxRegistrationID	Occurrence 0 .. 1 Type string_1_35 Length 1 .. 35
CompanyRegistrationID	Occurrence 0 .. 1 Type string_1_35 Length 1 .. 35
FreeText	Occurrence 0 .. unbounded Type FreeTextType Remark To transmit free text information
<i>Qualifier</i>	Type FreeTextQualifierCode Remark To qualify the purpose/content of the text information
<i>Language</i>	Type xs:language Pattern ([a-zA-Z]{2})[iI]-[a-zA-Z]+[xX]-[a-zA-Z]{1,8})(-[a-zA-Z]{1,8})* WhiteSpace collapse Remark Language according to 2-alpha code
Line	Occurrence 1 .. 1 Type VehicleServiceOrderLineType
<i>Priority</i>	Type xs:boolean Default false Remark Order priority: true - with priority, false - standard order
<i>PlanningType</i>	Type xs:string Use optional Remark Identifies the type of order
Applicable Codes	
onDemand	
regular	
<i>xs:sequence</i>	Occurrence 1 .. 1
StartDate	Occurrence 0 .. 1 Type DateType3 Example 201009281433 Remark Service start date
<i>Status</i>	Type DeliveryDateStatusType Use required
Applicable Codes	
actual	
Time at which the status actually occurred	
confirmed	
CURRENTLY NOT USED	
Time confirmed by one contracting party to the other	
estimated	
CURRENTLY NOT USED	

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Element/Attribute	Annotation
	Applicable Codes Future time at which the status is expected to occur requested Time for which the commissioning party requests the status updated Updates of the actual date
<i>Format</i>	Type DateFormatCode Use required Remark Format of date / date + time , coded (default CCYYMMDD)
	Applicable Codes CCYYMMDDhhmmZhhmm Data and time including time zone in UTC without offset
CompletionDate	Occurrence 0 .. 1 Type DateType3 Example 201009281433 Remark Requested completion date.
<i>Status</i>	Type DeliveryDateStatusType Use required
	Applicable Codes actual Time at which the status actually occurred confirmed CURRENTLY NOT USED Time confirmed by one contracting party to the other estimated CURRENTLY NOT USED Future time at which the status is expected to occur requested Time for which the commissioning party requests the status updated Updates of the actual date
<i>Format</i>	Type DateFormatCode Use required Remark Format of date / date + time , coded (default CCYYMMDD)
	Applicable Codes CCYYMMDDhhmmZhhmm Data and time including time zone in UTC without offset
Plant	Occurrence 0 .. 1 Type xs:string Remark Reference to the production plant, which vehicles are concerned by the forecast.
VehicleID	Occurrence 1 .. 2 Type extension (string_1_35) Length 1 .. 35 Remark Unique identifier of the vehicle to be treated. The vehicle to be treated will never be changed within the service order. The following codes are used to identify a vehicle: "ProductionNumber" is used if transport is ordered prior to VIN assignment during production. "VIN" is used if vehicle has already left production.
<i>Type</i>	Type VehicleIIDTypeCode Use required
	Applicable Codes ProductionNumber self explanatory VIN Vehicle identification number according to ISO 3779

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Element/Attribute		Annotation	
	Model	Occurrence	0 .. 1
		Type	VehicleModelType
		Remark	Identifies the model and related properties
	<i>Cluster</i>	Type	ModelClassificationTypeCode
		Remark	Type of vehicle - see code list
		Applicable Codes	
		Hatchback	
		Other	
		SUV	
		Sedan	
		VAN	
	<i>ProductType</i>	Type	VehicleProductTypeCode
		Remark	Optional: Vehicle type
		Applicable Codes	
		Camper-VAN	self-explanatory
		Car	self-explanatory
		Motorcycle	self-explanatory
		Quad	self-explanatory
		SpecialVehicle	self-explanatory
		Trike	self-explanatory
		Truck	self-explanatory
		VAN	self-explanatory
	<i>FuelType</i>	Type	FuelTypeCode
		Remark	Fuel or energy type. Code list according to EDIFACT code list 7041
	<i>xs:sequence</i>	Occurrence	1 .. 1
	Name	Occurrence	1 .. 1
		Type	xs:string
		Remark	Model name
	Version	Occurrence	0 .. 1
		Type	xs:string
		Remark	Optional: model code (3 or 6 digit code for Volkswagen Group vehicles)
		Name	VW model code
	ModelGroup	Occurrence	0 .. 1
		Type	string_1_35
		Length	1 .. 35
		Remark	Model class according to Volkswagen Group Logistics classification regarding vehicle size (class 1 to 6). See ONE.Group Business Platform for further information.
	Manufacturer	Occurrence	0 .. 1
		Type	PartyType_6
		Remark	Optional identifier, optional address
		Remark	Car manufacturer
	<i>xs:sequence</i>	Occurrence	1 .. 1
	Name	Occurrence	1 .. 1
		Type	string_1_35
		Length	1 .. 35
		Remark	Manufacturer / brand name

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Element/Attribute	Annotation
CountryCode	Occurrence 0 .. 1 Type CountryCode Remark Country of the manufacturer
Accessory	Occurrence 0 .. unbounded Type VehicleAccessoryType Remark To indicate additional accessories for this vehicle such as keys, licence plates, manuals ...
xs:sequence	Occurrence 1 .. 1
Type	Occurrence 1 .. 1 Type VehicleAccessoryTypeCode Applicable Codes Key self explanatory LicencePlate self explanatory Manual self explanatory ServiceSchedule self explanatory SummerWheels self explanatory VehicleRegistrationDocument self explanatory WinterWheels self explanatory
Quantity	Occurrence 1 .. 1 Type xs:nonNegativeInteger FractionDigits 0 Inclusive 0 .. Name Number of accessory items (e.g. keys, licence plates etc.)
Remark	Occurrence 0 .. 1 Type xs:string Remark Additional description, if necessary.
ServiceCode	Occurrence 1 .. 1 Type VehicleServiceOrderCode Name Vehicle service order code Applicable Codes X01 Wash X02 Pre-delivery inspection X03 Charge low-voltage battery X04 Check low-voltage battery X05 Change low-voltage battery X06 Add accesssory equipment X07 Vehicle storage X08 Vehicle movement X09 Vehicle unloading X10 Vehicle loading X11 Screw / unscrew lashing eyes/tow hooks

Bold = Element, Italic = Attribute, Grey = Group

Element/Attribute	Annotation
	Applicable Codes X12 Check tire pressure X13 Apply transport protection X14 Repair X15 Refuel X16 Jump-start X17 Activate hand brake X18 Vehicle dashboard / maintenance alert X19 Close lid or window X20 Blocking X21 Blockierung aufheben X22 Post production operation X23 Charge high-voltage battery X24 Check high-voltage battery X25 Change high-voltage battery X26 Prepare for transport X27 Conduct a vehicle handover inspection X99 Other
ServiceDescription	Occurrence 0 .. 1 Type TextLineType Remark Service description text
<i>Language</i>	Type xs:language Pattern ([a-zA-Z]{2}){[il]}-[a-zA-Z]+ [xX]-[a-zA-Z]{1,8})(-[a-zA-Z]{1,8})* WhiteSpace collapse
EstimatedQuantity	Occurrence 0 .. 1 Type QuantityType Remark Required in a forecast message: estimated number of vehicles subject to this forecasted service
<i>UoM</i>	Type MeasurementUnitCode Use required
Reference	Occurrence 0 .. unbounded Type SimpleReferenceType Length 1 .. 70 Remark Reference to other business documents or messages
<i>Qualifier</i>	Type DocumentReferenceQualifierCode Use required Remark Qualifies the type of reference - see code list
	Applicable Codes BatchNumber self explanatory ContractItemNumber

Bold = Element, Italic = Attribute, Grey = Group

Element/Attribute	Annotation
	Applicable Codes Contract item of the ordered activity or service ContractNumber Number or ID of a contract ServiceOrder Number / ID of a service order
RejectionReason	Occurrence 0 .. 1 Type ServiceRejectionReasonCode Remark Reason for rejection of the service order, coded Applicable Codes Other ShortResources VehicleNotAvailable WrongVehicleStatus
ChangeReason	Occurrence 0 .. 1 Type xs:string Remark Reason for change in completion date
FreeText	Occurrence 0 .. unbounded Type FreeTextType Remark To explain the reason for rejection or change in dates.
<i>Qualifier</i>	Type FreeTextQualifierCode Remark To qualify the purpose/content of the text information
	Applicable Codes Change RejectionReason The reason for rejection of an (ordered or requested) action.
<i>Language</i>	Type xs:language Pattern ([a-zA-Z]{2})[iI]-[a-zA-Z]+[xX]-[a-zA-Z]{1,8})(-[a-zA-Z]{1,8})* WhiteSpace collapse Remark Language according to 2-alpha code
Attachment	Occurrence 0 .. unbounded Type ObjectType
<i>Link</i>	Type xs:string Remark To be used, if a link to the attachment instead of the attachment itself is to be transmitted.
<i>Id</i>	Type xs:ID Pattern [i-[:]]\c-[:]]* WhiteSpace collapse Remark Unique ID of the attachment. Example _1_photo.png
<i>MimeType</i>	Type xs:string Remark Identifies the format of the attachment. Example image/png
	Applicable Codes application/pdf application/zip image/gif image/jpeg image/png text/csv
<i>Encoding</i>	Type xs:anyURI Default base64Binary Example base64Binary Remark Attachments are to be encoded as base64 binaries.

Bold = Element, Italic = Attribute, Grey = Group

FV18_VehicleServiceOrder; Odette 1.2; VW 1.0

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