



Message Specification

Volvo 820

Based on:

820

Payment Order/Remittance Advice

X12 004010

Version: 4010

Variant: 1

Issue date: 4/5/2022

Author: Volvo Group IT

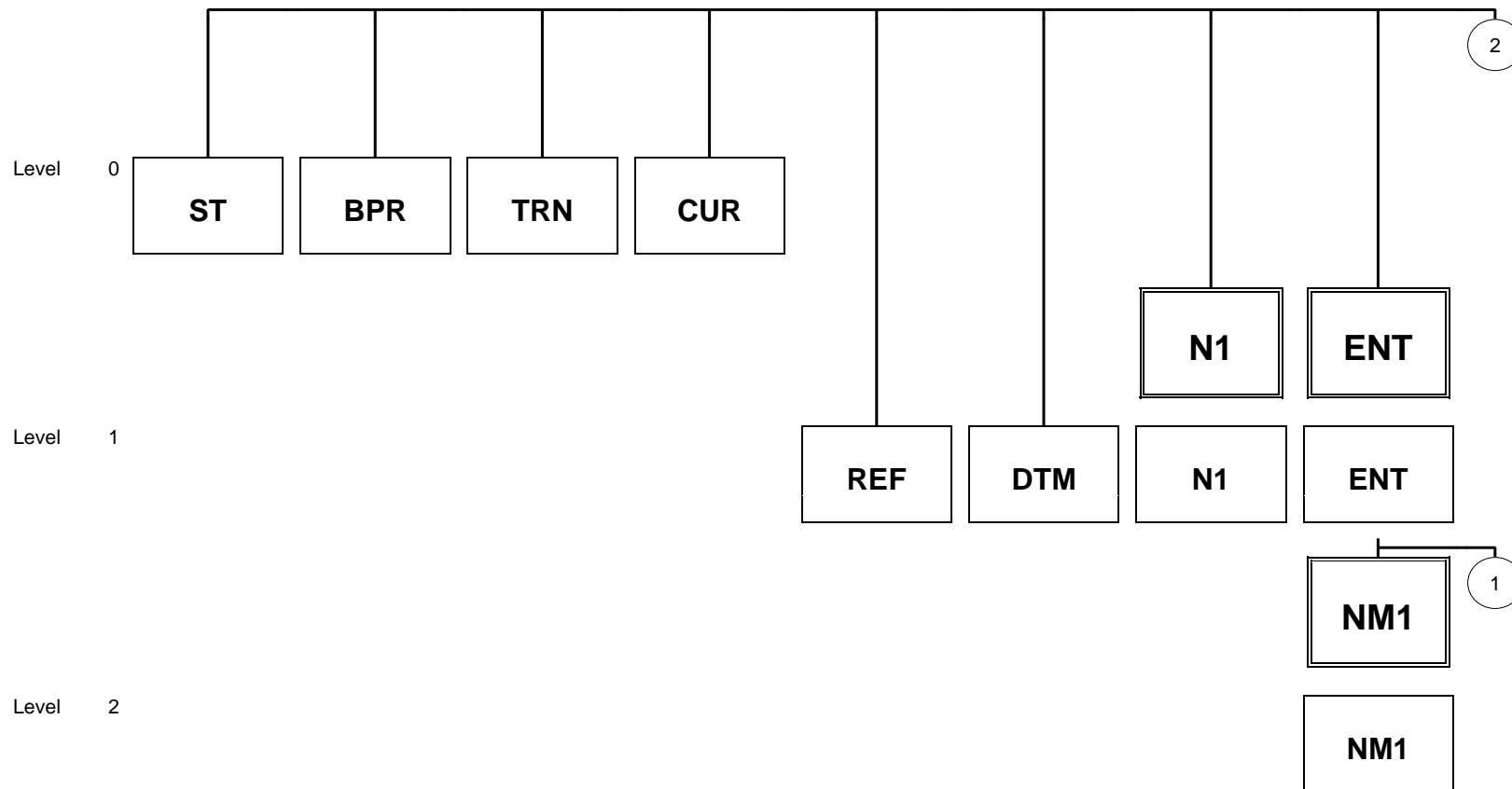
Message Structure

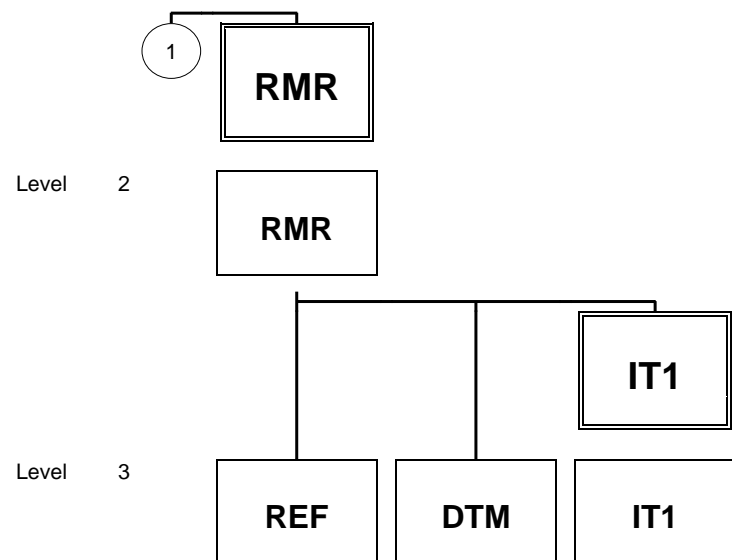
Counter	No	Tag	St	MaxOcc	Level	Content
0010	1	ST	M	1	0	Transaction Set Header
0020	2	BPR	M	1	0	Beginning Segment for Payment Order/Remittance Advice
0035	3	TRN	O	1	0	Trace
0040	4	CUR	O	1	0	Currency
0050	5	REF	M	>1	1	Reference Identification
0060	6	DTM	O	>1	1	Date/Time Reference
0070		N1	R	>1	1	N1
0070	7	N1	M	1	1	Name
0070		N1	R	>1	1	N1
0070	8	N1	M	1	1	Name
0010		ENT	O	>1	1	ENT-NM1-RMR
0010	9	ENT	M	1	1	Entity
0020		NM1	O	>1	2	NM1
0020	10	NM1	M	1	2	Individual or Organizational Name
0150		RMR	O	>1	2	RMR-REF-DTM-IT1-IT1
0150	11	RMR	M	1	2	Remittance Advice Accounts Receivable Open Item Reference
0170	12	REF	O	>1	3	Reference Identification
0180	13	DTM	O	>1	3	Date/Time Reference
0190		IT1	O	>1	3	IT1
0190	14	IT1	M	1	3	Baseline Item Data (Invoice)
0190		IT1	O	>1	3	IT1
0190	15	IT1	M	1	3	Baseline Item Data (Invoice)
0010	16	SE	M	1	0	Transaction Set Trailer

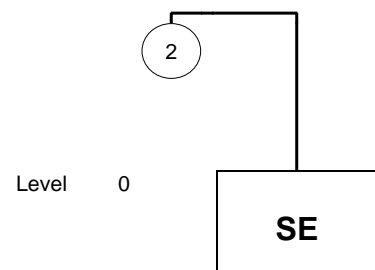
Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group

St = Status
 X12: M=Mandatory, C=Conditional, O=Optional
 User specific: R=Required, O=Optional, D=Dependent,
 N=Not used

Branching Diagram of Used Segments/Groups







Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0010	1	ST	M	1	0	Transaction Set Header

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
ST01	143	Transaction Set Identifier Code	M ID 3/3	Transaction Identifier code
ST02	329	Transaction Set Control Number	M AN 4/9	Transaction Control Number

Remark:

Example:

ST*820*0001~

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St=Status
 X12: M=Mandatory, C=Conditional, O=Optional
 User specific: R=Required, O=Optional, D=Dependent, N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
0020	2	BPR	M	1	0	Beginning Segment for Payment Order/Remittance Advice

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
BPR 01	305	Transaction Handling Code	M ID 1/2	A Off Invoice (Deduction from Original Invoice) D Make Payment Only I Remittance Information Only N Check Issuance Notice
BPR 02	782	Monetary Amount	M R 1/18	
BPR 03	478	Credit/Debit Flag Code	M ID 1/1	C Credit D Debit
BPR 04	591	Payment Method Code	M ID 3/3	ACH Automated Clearing House (ACH) CHK Check FEW Federal Reserve Funds/Wire Transfer - Repetitive
BPR 05	812	Payment Format Code	O ID 1/10	CTX Corporate Trade Exchange (CTX) (ACH) PPD Prearranged Payment and Deposit (PPD+) (ACH)
BPR 06	506	(DFI) ID Number Qualifier	C ID 2/2	
BPR 07	507	(DFI) Identification Number	C AN 3/12	
BPR 08	569	Account Number Qualifier	O ID 1/3	DA Demand Deposit
BPR 09	508	Account Number	C AN 1/35	
BPR 10	509	Originating Company Identifier	O AN 10/10	
BPR 16	373	Date	O DT 8/8	

Remark:

Example:

BPR*N*132.00*C*CHK**01*9999777777*DA*22233344*1133557799*****20220315~

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

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 X12: M=Mandatory, C=Conditional, O=Optional
 User specific: R=Required, O=Optional, D=Dependent, N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
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0035	3	TRN	O	1	0	Trace
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Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
TRN 01	481	Trace Type Code	M ID 1/2	1 Current Transaction Trace Numbers
TRN 02	127	Reference Identification	M AN 1/30	
TRN 03	509	Originating Company Identifier	O AN 10/10	

Remark:

Example:

TRN*1*123456789*1234567890~

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St=Status
 X12: M=Mandatory, C=Conditional, O=Optional
 User specific: R=Required, O=Optional, D=Dependent,
 N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
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0040	4	CUR	O	1	0	Currency
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Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
CUR 01	98	Entity Identifier Code	M ID 2/3	BY Buying Party (Purchaser)
CUR 02	100	Currency Code	M ID 3/3	

Remark:

Example:

CUR*BY*USD~

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

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 X12: M=Mandatory, C=Conditional, O=Optional
 User specific: R=Required, O=Optional, D=Dependent,
 N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
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0050	5	REF	M	>1	1	Reference Identification
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Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
REF 01	128	Reference Identification Qualifier	M ID 2/3	CK Check Number VV Voucher ZZ Mutually Defined
REF 02	127	Reference Identification	C AN 1/30	

Remark:

Example:

REF*CK*0000157087~

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St=Status
 X12: M=Mandatory, C=Conditional, O=Optional
 User specific: R=Required, O=Optional, D=Dependent,
 N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
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0060	6	DTM	O	>1	1	Date/Time Reference
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Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
DTM01	374	Date/Time Qualifier	M ID 3/3	097 Transaction Creation
DTM02	373	Date	C DT 8/8	

Remark:

Example:

DTM*097*20220321~

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St=Status
 X12: M=Mandatory, C=Conditional, O=Optional
 User specific: R=Required, O=Optional, D=Dependent,
 N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
0070		N1	R	>1	1	N1
0070	7	N1	M	1	1	Name

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
N1 01	98	Entity Identifier Code	M ID 2/3	PR Payer
N1 02	93	Name	C AN 1/60	
N1 03	66	Identification Code Qualifier	C ID 1/2	92 Assigned by Buyer or Buyer's Agent
N1 04	67	Identification Code	C AN 2/80	

Remark:

Example:

N1*PR*Volvo Trucks NA*92*04388~

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St=Status
 X12: M=Mandatory, C=Conditional, O=Optional
 User specific: R=Required, O=Optional, D=Dependent,
 N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
0070		N1	R	>1	1	N1
0070	8	N1	M	1	1	Name

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
N1 01	98	Entity Identifier Code	M ID 2/3	PE Payee
N1 02	93	Name	C AN 1/60	
N1 03	66	Identification Code Qualifier	C ID 1/2	92 Assigned by Buyer or Buyer's Agent
N1 04	67	Identification Code	C AN 2/80	

Remark:

Example:

N1*PE*ABC Company*92*11111~

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

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 X12: M=Mandatory, C=Conditional, O=Optional
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 N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
0010		ENT	O	>1	1	ENT-NM1-RMR
0010	9	ENT	M	1	1	Entity

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
ENT01	554	Assigned Number	O NO 1/6	

Remark:

Example:

ENT*9~

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St=Status
 X12: M=Mandatory, C=Conditional, O=Optional
 User specific: R=Required, O=Optional, D=Dependent,
 N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
0020		NM1	O	>1	2	NM1
0020	10	NM1	M	1	2	Individual or Organizational Name

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
NM1 01	98	Entity Identifier Code	M ID 2/3	DL Dealer SO Sold To If Different From Bill To
NM1 03	1035	Name Last or Organization Name	O AN 1/35	
NM1 08	66	Identification Code Qualifier	C ID 1/2	93 Code assigned by the organization originating the transaction set
NM1 09	67	Identification Code	C AN 2/80	

Remark:

Only used for Dealer invoices

Example:

N1*DL*AB TRUCK AND TRAILER*93*1199Z~

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

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 X12: M=Mandatory, C=Conditional, O=Optional
 User specific: R=Required, O=Optional, D=Dependent,
 N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
0150		RMR	O	>1	2	RMR-REF-DTM-IT1
0150	11	RMR	M	1	2	Remittance Advice Accounts Receivable Open Item Reference

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
RMR 01	128	Reference Identification Qualifier	C ID 2/3	IV Seller's Invoice Number PK Packing List Number TR Government Transportation Request
RMR 02	127	Reference Identification	C AN 1/30	
RMR 04	782	Monetary Amount	O R 1/18	
RMR 05	782	Monetary Amount	O R 1/18	
RMR 06	782	Monetary Amount	O R 1/18	

Remark:

Example:

RMR*IV*115107**1392*1392*0~

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St=Status
 X12: M=Mandatory, C=Conditional, O=Optional
 User specific: R=Required, O=Optional, D=Dependent, N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
0150		RMR	O	>1	2	RMR-REF-DTM-IT1
0170	12	REF	O	>1	3	Reference Identification

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
REF 01	128	Reference Identification Qualifier	M ID 2/3	MJ Model Number MY Model year number Q1 Quote Number VT Motor Vehicle ID Number VV Voucher
REF 02	127	Reference Identification	C AN 1/30	

Remark:**Example:**

REF*MJ*VNL64T~

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St=Status
 X12: M=Mandatory, C=Conditional, O=Optional
 User specific: R=Required, O=Optional, D=Dependent,
 N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
0150		RMR	O	>1	2	RMR-REF-DTM-IT1
0180	13	DTM	O	>1	3	Date/Time Reference

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
DTM 01	374	Date/Time Qualifier	M ID 3/3	003 Invoice 011 Shipped
DTM 02	373	Date	C DT 8/8	
DTM 03	337	Time	C TM 4/8	
DTM 04	623	Time Code	O ID 2/2	01 Equivalent to ISO P01
DTM 05	1250	Date Time Period Format Qualifier	C ID 2/3	CC First Two Digits of Year Expressed in Format CCYY

Remark:**Example:**

DTM*003*20220321*1035*01*CC~

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St=Status
 X12: M=Mandatory, C=Conditional, O=Optional
 User specific: R=Required, O=Optional, D=Dependent,
 N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
0190		IT1	O	>1	3	IT1
0190	14	IT1	M	1	3	Baseline Item Data (Invoice)

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
IT1 01	350	Assigned Identification	O AN 1/20	
IT1 02	358	Quantity Invoiced	C R 1/10	
IT1 03	355	Unit or Basis for Measurement Code	C ID 2/2	EA Each
IT1 04	212	Unit Price	C R 1/17	
IT1 05	639	Basis of Unit Price Code	O ID 2/2	CT Contract
IT1 06	235	Product/Service ID Qualifier	C ID 2/2	BP Buyer's Part Number
IT1 07	234	Product/Service ID	C AN 1/48	
IT1 08	235	Product/Service ID Qualifier	C ID 2/2	PO Purchase Order Number
IT1 09	234	Product/Service ID	C AN 1/48	

Remark:

Example:

IT1**15*EA*351.04*CT*BP*43MH23469M254*PO*MFG868936~

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St=Status
 X12: M=Mandatory, C=Conditional, O=Optional
 User specific: R=Required, O=Optional, D=Dependent, N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
0190		IT1	O	>1	3	IT1
0190	15	IT1	M	1	3	Baseline Item Data (Invoice)

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
IT1 01	350	Assigned Identification	O AN 1/20	
IT1 02	358	Quantity Invoiced	C R 1/10	
IT1 03	355	Unit or Basis for Measurement Code	C ID 2/2	
IT1 04	212	Unit Price	C R 1/17	
IT1 05	639	Basis of Unit Price Code	O ID 2/2	
IT1 06	235	Product/Service ID Qualifier	C ID 2/2	
IT1 07	234	Product/Service ID	C AN 1/48	
IT1 08	235	Product/Service ID Qualifier	C ID 2/2	
IT1 09	234	Product/Service ID	C AN 1/48	

Remark:

Example:

No = Consecutive segment number
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 Counter = Counter of segment/group within the standard

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 X12: M=Mandatory, C=Conditional, O=Optional
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Counter	No	Tag	St	MaxOcc	Level	Name
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0010	16	SE	M	1	0	Transaction Set Trailer
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Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
SE 01	96	Number of Included Segments	M NO 1/10	
SE 02	329	Transaction Set Control Number	M AN 4/9	

Remark:

Example:

SE*16*0001~

No = Consecutive segment number
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