STAR Parts Master Interface Specification
Version 1.5.1

This specification will be in effect on 7/4/2010. STAR reserves the right to modify this specification at any time without prior consent.

Revision History Summary

Revision Date	Effective Date	Version	Revision Description
4/13/2000	8/1/2000	1.0	Initial Draft
7/27/2001	6/4/2002	1.1	Add Dealer Country to IDENT record, per GM's request. Added optional generic trailer record per GM's request.
3/29/2004	7/4/2004	1.2	Draft 1.11 03/29/04 Added Reference ID (DE# 112260) to all the DTS IDENT Records per GM's (MSumner) request (UniqueRequestID 003).
10/22/2004	7/4/2005	1.3	Draft 1.21 10/22/04 - Added Sender/Destination Party Id, Location Id, and Service Id fields to IDENT per GM Canada's request MOD ID 027.
6/13/2005	7/4/2006	1.4	Draft 1.31 06/13/05 -Modified the description of Interface Version (DE #100220) MODID 059.
8/8/2006	7/4/2007	1.4.1	1.4.1 08/08/06 CR126 BMW: Added DE 112280, 112290, 112300, and 112310 to PM.LINEITEM. 08/21/06 CR131 Ford AU - Added DE 112390 to IDENT
7/1/2009	7/4/2010	1.5.1	1.5.1 MT922 Ford - Added DE 112740, 112750, 112760, 112770, 112710, 112780, 112790, 112860, 112700, 112810, 112820, 112830, 112840, 110640, 112850 to PM.LINEITEM, Added PM.PARTSAPPLICATIONMODEL Record

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File Format and Location

* **Within the context of this specification, the file format must conform to the "STAR General File Format Requirements".**
* **The File name and its location must conform to the standards indicated in the "STAR" General File Format Requirements".**

Record Format

* **Within the context of this specification, the various record formats must conform to the "STAR General File Format" Requirements".**

Record Identifiers

Record name	Record Identifier	Comments	Add/Change/ Inactivate
Identification	PM.IDENT	Must be the first record of the file. Occurs once for the entire file.	Change 1.4.1
Header Information	PM.HEADER	Must be the first record of the transaction. Occurs once for each transaction.	
Line Item Information	PM.LINEITEM	Multiple Entries of This Record Allowed	Changed 1.5.1
Part Core Information	PM.CORE	None to multiple entries per Line Item Allowed	
Multi-Interchange Information	PM.SUBPART	None to multiple entries per Line Item Allowed	
Part Application Model	PM.PARTAPPLICATIONMODEL	None to multiple enteries per lineitem allowed.	Added 1.5.1
Trailer Information	PM.TRAILER	Optional record that must be the last record in a file. Occurs once for the entire file. Counts the number of records in the file between the IDENT record and the TRAILER record - does not count the IDENT and TRAILER.	Changed 1.5.1

Identification Record Layout

Position in Record	Data Element Definition	Data Element Name	Data Element Number	Required	Sample Data	Comments	Add/ Change/ Inactivate
0	Record Identifier	PM.IDENT	n/a		PM.IDENT:	Literal as given. Must be the first record of the file. Occurs once for the entire file.	
1	DCS software creator code	Creator Name Code	100242	Yes	AD		
2	DCS software code name	Creator Software Code	100244	Yes	"ELITE 2.0"		
3	This is the version of the STAR data transfer specification (DTS) used to build the transaction prefaced with the CreatorNameCode.	Interface Version	100220	Yes	RR1.1		Changed 1.4
4	Date the transaction was created	Transaction Create Date	100430	Yes	19990602		
5	Time the transaction was created	Transaction Create Time	100440	Yes	131523		
6	Dealer code number	Dealer Number	100210	Yes	206501		
7	Dealer code store number (DMS assigned)	Store Number	100240		124		
8	Dealer code area number (DMS vendor assigned)	Area Number	100200		014		
9	Code for destination of file - Short Manufacturer or Short DSP code	Destination Name Code	106190	Yes	HO		
10	For which software destination file is intended (May not be known)	Destination Software	106200		DCS		
11	Transaction type code indicates action to be taken for all records in this transaction set	Transaction Type Code	106210		N		
12	Dealer country location	Dealer Country	108430		USA		Add 1.1

Identification Record Layout

Position in Record	Data Element Definition	Data Element Name	Data Element Number	Required	Sample Data	Comments	Add/ Change/ Inactivate
13	Enables the sending application to indicate the instance identifier of the event or task that caused the transaction to be created. This is used to correlate a response transaction to an originating transaction.	Reference ID	112260		12A435B	Users are not required to transmit the field unless their business partner requires it.That is, if it is on the inbound transaction, it must be put on responses to that transaction.	Add 1.2
14	The Sender 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.	Sender Party Id	112261		VW006942475	Literal as given	Added 1.3
15	The Sender 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.	Sender Location Id	112262		022360	Literal as given	Added 1.3
16	The Sender Service Id field identifies the particular service from which a message is being sent, e.g., an inventory service.	Sender Service Id	112263		Wholesale Inventory	Literal as given	Added 1.3

Identification Record Layout

Position in Record	Data Element Definition	Data Element Name	Data Element Number	Required	Sample Data	Comments	Add/ Change/ Inactivate
17	The Destination 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.	Destination Party Id	112264		VW401110	Literal as given	Added 1.3
18	The Destination Location Id field uniquely identifies the location of the Receiver 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.	Destination Location Id	112265		002520	Literal as given	Added 1.3
19	The Destination Service Id field identifies the particular service to which a message is being sent to, e.g., an inventory service.	Destination Service Id	112266		Wholesale Inventory	Literal as given	Added 1.3
20	Identifies the version of the user's implementation of the STAR standard. For example, the user may be on their second version of a STAR Parts Order DTS 1.0. In each version of a user implementation, the user may indicate additional STAR fields that they require to receive or STAR fields that they no longer require. NOTE: This version is not that same as the Interface Version which is the STAR DTS version number used for implementation prefaced by the CreatorNameCode.	Implementation Version Number	112390		1.1		Added 1.4.1

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Header Information Record Layout

Position in Record	Data Element Definition	Data Element Name	Data Element Number	Required	Sample Data	Comments	Add/ Change/ Inactivate
0	Record Identifier	PM.HEADER	n/a		PM.HEADER:	Literal as given. Must be the first record of the transaction. Occurs once for each transaction.	
1	Effective Date of part Master Action	Part Master Date	108930		20000601		
2	Specifies whether the parts are identified by manufacturer part code or Part Number	Inventory Part Type	100610		P		
3	Alternate Language for parts description and supplemental information	Alternate Language	108940		FRENCH		
4	Type of Action for Part Master	Part Master Type	108140		U		

Line Item Information Record Layout

Position in Record	Data Element Definition	Data Element Name	Data Element Number	Required	Sample Data	Comments	Add/ Change/ Inactivate
0	Record Identifier	PM.LINEITEM	N/A		PM.LINEITEM:	Literal as given. Multiple Entries of This Record Allowed.	
1	Type of action to be taken for line item. If Part Master Action in header record is "U", this data element must be populated. Information in this data element is ignored if Part Master Action is "I"	Part Master Record Type	108150		U	All data will be replaced on update - each Line Item should include all relevant data elements for part updated	
2	Effective date of part change request	Part Effective Date	108640		20000605	This would over-ride the header date	
3	Part number identifier - Part number, unless part type designates a manufacturer code	Part Number	104780		60400-SF9-A0022	i.e. Service Part Number	
4	Alternate Part number identifier - Part number, unless part type designates a manufacturer code	Part Number Alternate	100720		1657266021	May be used for Independent Channel Customer.	
5	Part number detail description	Part Description	104770		"BULKHEAD COMP., FR."		
6	Part number detail description in alternate language	Part Description Alternate Language	108950		"FRENCH DESCRIPTION OF PART"		
7	Part cost at inventory value.	Part Unit Cost	104840		47.50		
8	Part Unit wholesale price	Part Unit Wholesale Price	108960		1.83		
9	Part Unit retail sale price (cost + markup)	Part Unit Retail Price	104870		95.00	Suggested Price	
10	Independent Channel Customer's price for alternate parts	Part Jobber Price	108970		2.01		
11	Indicates Dealer to Dealer Price	Part Dealer to Dealer Price	108980		2.05		
12	Indicates a special sales price to dealers	Part Subsidiary Price	108990		2.02		

Line Item Information Record Layout

Position in Record	Data Element Definition	Data Element Name	Data Element Number	Required	Sample Data	Comments	Add/ Change/ Inactivate
13	Package quantity of part (number of units in each selling package)	Unit Pack Size	101140		1		
14	Indicates the maximum line quantity that may be ordered	Part Maximum Order Quantity	108650		50		
15	Indicates the minimum line quantity that may be ordered	Part Minimum Order Quantity	109740		5		
16	A predetermined package quantity that must be ordered when ordering parts for a Vehicle Off-road order	Emergency Repair Package Quantity	109750		2		
17	Unit of Measure Part USP Multi Qty	Unit of Measure	109000		EA		
18	Code designating the inventory rate at which item turns. Indicates national demand. Usually A, B, C, etc.	Inventory Movement/Demand Code	107790		A		
19	Gifts, literature, keys, regular parts - Inventory Class code (if any) used in DMS system	Inventory Part Class	100580		C6		
20	Identifies class of part (i.e., accessories, replacement, etc.)	Class Code	100670	Yes	R1	i.e., Identifies type of part code used in determining percent of Wholesale incentive calculations (ICCCDA)	
21	Code to determine what the function of the part is	Part Function Code	110010		BRK		
22	Code that Indicates the model (year and type) the part applies to	Part Application Model	109010		1999DASH		
23	Indicates the Brand Name of Part. May also indicate product line. EX 1: A - Auto, B - Motorcycle, C – Lifestyle EX 2: L - Lexus, T - Toyota, C - Both, U - Undefined	Part Brand Code	109020		C		

Line Item Information Record Layout

Position in Record	Data Element Definition	Data Element Name	Data Element Number	Required	Sample Data	Comments	Add/ Change/ Inactivate
24	Indicates whether part is common across product lines (i.e., Y, N, " ")	Part Common Code	109980		Y		
25	Indicates parts consolidated into pricing lines	Part Pricing Product Line	109030		ACC		
26	Indicates pricing line consolidation into marketing product lines	Part Marketing Product Line	109190		BCR		
27	Manufacturer assigned code for target parts and parts ordered in large quantities	Part Large Quantity Code	109040		A		
28	Indicates size and dimensions of part	Part Size Code	109760		C		
29	Indicates "Unit of Weight", such as "LB", "KG", etc.	Weight Code	109770		LB		
30	Actual weight of a bulk item	Weight, Bulk	109050		35015		
31	Indicator whether and from where an item may be cross-shipped	Cross Ship Code	109780		Y		
32	Specific part direct ship Indicator which dealer will pass onto the Supplier Ex: T - Telemarketing option S - Standard option B - Both options	Part Direct Ship Code	109790		T		
33	Interchange and substitution code. Code indicates if part was interchanged or substituted Ex 1: 1-interchangeable,2-simple, 3-simple w/confirm, 5-kit, 6-multiple subs, 7-assembly, 8-irregular Ex 2: Heavy Trucks = C,D H&U. L-Light truck, D-Diesel Part	Part Interchange/ Substitution Code	109060		2		
34	Flag to indicate if part is eligible for return program	Part Returnable Flag	109070		Y		
35	Code associated with parts return program	Part Returnable Code	109800		OB		

Line Item Information Record Layout

Position in Record	Data Element Definition	Data Element Name	Data Element Number	Required	Sample Data	Comments	Add/ Change/ Inactivate
36	Indicates part is eligible for return or stock order discount	Part Allowance Code	109140		SQ		
37	Flag Indicating whether or not part is eligible for volume discount	Part Volume Discount Flag	109810		Y		
38	Parts Backward Substitution Code EX: Blank=No Substitution, 1=Interchangeable Solution, 2=One-way Sub. 3=One-way Sub. confirmed, 5=Part Replaced by Kit, 6=Part replaced by Multiple Parts, etc.	Part Backward Item Substitution Code	109820		3		
39	Second former Part for Substitution or Replacement	Former Part Number #2	109080		54678145-Z		
40	Former Part Number for Substitution or Replacement	Former Part Number	106680		T95284X		
41	Part Number Superseding this one	Superseding Part Number	109990		1657265012		
42	Most recent (Newest) part number in the supersession chain	Most Recent Part Number	110000		168975124		
43	Whether this part's superseding (former) part can be allocated to fill an order for this part.	Supersede Alloc Flag	109850		Y		
44	Special notes associated with part number	Part Supplemental Information	109090		"CUSTOM ORDER"		
45	Special notes associated with part number in alternate language	Part Supplemental Information Alt Lang	109100		"FRENCH FOR CUSTOM ORDER"		
46	Indicates approximate percentage discount dealer net is from the suggested retail	Part Pricing Discount Percentage	109110		6.25		

Line Item Information Record Layout

Position in Record	Data Element Definition	Data Element Name	Data Element Number	Required	Sample Data	Comments	Add/ Change/ Inactivate
47	Indicates whether part qualifies for percentage discount (i.e., type of discount)	Part Discount Code	109130		W		
48	Flag to indicate if there is a wholesale Incentive allowance	Part Wholesale Flag	109860		Y		
49	Indicates the amount of wholesale Incentive allowance.	Part Wholesale Incentive Amount	109120		12.45		
50	Holds Parts Wholesale Incentive Percentage	Part Wholesale Incentive Percentage	109870		2.50		
51	Indicates which items are classified as Hazardous Materials	Part Hazard Code	109150		H		
52	Indicates need for special handling	Part Special Handing Code	109160		Y		
53	Indicates whether or not sales tax applies	Part Sales Tax Flag	101030		Y		
54	Indicates Not Serviced or Replaced	Part Obsolete Status	109180		NS		
55	Indicates current status of part	Part Status Code	109170		2		
56	Indicates the applicable disposition method for a past	Part Disposition Code	109880		SCP		
57	Indicates service notes for the part	Part Service Note Code	109890		AB1		
58	Indicates price change Ex: "+" or "-" or "*" or " "	Part Price Change Code	109900		P		
59	Parts eligible for dealer to dealer program code	Part Dealer to Dealer Code	109200		W		
60	Life Time Service Guarantee code	Part LSG Code	109210		G		
61	Indicates part country name or county code	Part Country	109910		USA		
62	Indicates part maker	Part Maker Code	109920		TRW		

Line Item Information Record Layout

Position in Record	Data Element Definition	Data Element Name	Data Element Number	Required	Sample Data	Comments	Add/ Change/ Inactivate
63	Coded indicator identifies parts made for specific VIN number. Ex: E- Ignition lock cylinders mfg after Jan '95. S - Standard coded part: Non EWS coded parts, which include all Ignition locks mfg Prior to Jan 1995 and other coded parts; N- not coded part	Part VIN Coded Indicator	109930		N		
64	Indicates the type of coded part and is related to the coded Indicator. Ex: K - Key, L - Lock, M - Control Module, C - Color Coded, O - Other, S - Set of Locks	Part VIN Coded Type	109940		K		
65	The date a part was added to manufacturer' s Parts Master	Part Origin Date	109220		20000105		
66	Date part was discontinued	Part Discontinued Date	109830		20000615		
67	Code that indicates part is monitored due to fact that it is a regulated part	Part Controlled Code	110020		R		
68	Allows Dealer to determine whether or not they can cancel a part from a part order	Part Non Cancelable Flag	109840		Y		
69	Indicates whether or not the part is a main component	Part Main Component Flag	109950		Y		
70	Code Indicating limited inventory available to assist dealers in determining available parts to stock and filling customer parts orders	Part Manual Allocation Code	109960		L		

Line Item Information Record Layout

Position in Record	Data Element Definition	Data Element Name	Data Element Number	Required	Sample Data	Comments	Add/ Change/ Inactivate
71	The Tariff Code is the international standard Custom Tariff based on the Harmonized Commodity Description and Coding System (HS). The HS was developed and is maintained by the World Customs Organization (WCO). The HS is a nomenclature to classify goods as a basis for trade negotiations, collecting international trade statistics, quota controls, rules of orgin, and statistical and economic research and analysis	Tariff Code	112280		84212300		Added 1.4.1
72	The date that the supersession of the part has occurred.	Supersession Date	112290				Added 1.4.1
73	A code used to define the type of tire.	Tire Type Code	112300		235/45ZR19CON		Added 1.4.1
74	This code indicates if the part is considered a normal accessory, a life style item, or a spare part.	Accessory Type Code	112310		Normal Accessory		Added 1.4.1
75	Denotes the tax code for the part.	Sales Tax Code	112740		1		Added 1.5.1
76	Ranking of current stocked parts based on sales from the last year.	Part Rank	112750		1		Added 1.5.1
77	Denotes the environment in which the part is procured.	Part Procure Code	112760		0		Added 1.5.1
78	Code indicating the percentage discount given off the list price in the calculation of the trade price.	Part Trade Code	112770		1		Added 1.5.1
79	Additional charge over the list price to ensure the return of the displaced assembly. Usually applicable to Remanufactured Products.	Part Deposit Amount	112710				Added 1.5.1

Line Item Information Record Layout

Position in Record	Data Element Definition	Data Element Name	Data Element Number	Required	Sample Data	Comments	Add/ Change/ Inactivate
80	Denotes the actual dimensions of the part.	Part Dimensions	112780				Added 1.5.1
81	The recommended quantity for pallet picking and ease of goods handling.	Part Over Pack Quantity	112790				Added 1.5.1
82	Denotes if the part qualifies for bulk buy 2 program.	Basket Bulk Buy Indicator	112860				Added 1.5.1
83	The bulk buy schedule number for the part.	Basket Bulk Buy Schedule	112800				Added 1.5.1
84	Indicates that the part qualifies for a bulk buy discount.	Bulk Buy Indicator	112700		Y		Added 1.5.1
85	The minimum order quantity a dealer must met in order to receive a discount under a bulk buy program that provides a relatively small discount on a parts order based on the dealer meeting a minimum level order quantity.	First Level Bulk Buy Cutoff Quantity	112810				Added 1.5.1
86	The discount percentage applicable to an order based on a bulk buy program that provides a relatively small discount on a parts order based on the dealer meeting a minimum level order quantity.	First Level Bulk Buy Discount Percentage	112820				Added 1.5.1
87	The minimum order quantity a dealer must met in order to receive a discount under a bulk buy program that provides a relatively deep discount on a parts order based on the dealer meeting a minimum level order quantity.	Second Level Bulk Buy Cutoff Quantity	112830				Added 1.5.1
88	The discount percentage applicable to an order based on a bulk buy program that provides a relatively small discount on a parts order based on the dealer meeting a minimum level order quantity.	Sec Level Bulk Buy Discount Percentage	112840				Added 1.5.1

Line Item Information Record Layout

Position in Record	Data Element Definition	Data Element Name	Data Element Number	Required	Sample Data	Comments	Add/ Change/ Inactivate
89	The quantity the dealer has available to release from inventory. It is traditionally defined as Quantity On Hand minus reserved or encumbered parts.	Quantity Available	110640		0		Added 1.5.1
90	Denotes that the part is of a generic brand (e.g., Motorcraft) range.	Generic Brand Indicator	112850				Added 1.5.1

Part Core Information Record Layout

Position in Record	Data Element Definition	Data Element Name	Data Element Number	Required	Sample Data	Comments	Add/ Change/ Inactivate
0	Record Identifier	PM.CORE	N/A		PM.CORE:	Literal as given. None to multiple entries per Line Item Allowed.	
1	Core Part Number	Part Core Number	109230		1657266021		
2	Core Part Price	Part Core Price	109240		235.78		

Multi-Interchange Information Record Layout

Position in Record	Data Element Definition	Data Element Name	Data Element Number	Required	Sample Data	Comments	Add/ Change/ Inactivate
0	Record Identifier	PM.SUBPART	N/A		PM.SUBPART:	Literal as given. None to multiple entries per Line Item Allowed	
1	Sub Part Number identifier - Part number, unless part type designates a manufacturer code	Part Sub Part Number	109250		1657266021		
2	Sub Quantity	Part Sub Quantity	109260		1		

Part Application Model Record Layout

Position in Record	Data Element Definition	Data Element Name	Data Element Number	Required	Sample Data	Comments	Add/ Change/ Inactivate
0	Record Identifier	PM.PARTAPPLICATIONMODEL			PM.PARTAPPLICATIONMODEL:	Literal as given.	Added 1.5.1
1	Code that Indicates the model (year and type) the part applies to	Part Application Model	109010		1999DASH		Added 1.5.1

Trailer Information Record Layout

Position in Record	Data Element Definition	Data Element Name	Data Element Number	Required	Sample Data	Comments	Add/ Change/ Inactivate
0	Record Identifier	PM.TRAILER	n/a		PM.TRAILER:	Literal as given - Optional record that must be the last record in a file. Occurs once for the entire file. Counts the number of records in the file between the IDENT record and the TRAILER record - does not count the IDENT and TRAILER.	Add 1.1
1	Number of detail records contained in this file	Number of Records	110500		45		Add 1.1