

## What's new?

In preparation of the CCU Global, the descriptions "parcranges" and "carparc" have been changed to VIO. This is done throughout the entire CCU program. VIO stands for "Vehicles In Operation" and is internationally known.

Applications

selected:

Engine : GAC00185, GAC00186, RCR01651, RCR01652, RCR01655, RCR01672  
 ECS00049, ECS00050, ECS00053, ECS00054, EPK01078, EPK01079, EPS02478, EPS02479, EPS02512, EPS02513  
 Cylinder Components : EEB01538, EEB01539, EEB01539, EEB01539, MBC02189, MBC02190, MBC02191  
 Bearings : GDF00473, SDH00279, SRP00332  
 Lubrication : CMS01393, ERT00362  
 Top Engine Camtrain :  
 Drive Timing : TMB00803, GPT00257, TPT00481  
 Timing Belts : EIV01116, EIV01117, EIVP00449, EIVP00450, SVM00405  
 Top Engine Valve Train : GCT01832, GCT01833, GEM00390, GHC01256, GHC01257, GHC01258, GIM01113, GRK00578, OU00239, SHB00721, SHB00722, SOF00120  
 Top Engine : GCT01832, GEM00390, GHC01256, GHC01257, GHC01258, GIM01113, GRK00578, OU00239, SHB00721, SHB00722, SOF00120  
 Cooling : GWP00342

Car ID	HMD	car	Make	Model	F. Stroke	Type	vehicle info	Model code	Enginecode	Cyl	Valve	Drive	Serie	Body	Gener.	KW	S. Gear	Ktyp	VIO total	from	to	Date	
8384532	25169	OPEL	Admiral	B	2.6			LV19	26S	6	12	R/W	A	SD	1964	74	L	4963	59	2	1964	7	1965
8384533	25168	OPEL	Admiral	B	2.8			LV19	28S	6	12	R/W	A	SD	1964	92	L	4970	102	8	1965	2	1969
8384530	25163	OPEL	Admiral	B	2.8			LV19	28HL	6	12	R/W	A	SD	1964	103	L	4971	57	8	1966	2	1969
8384537	25170	OPEL	Admiral	B	2.8			LV19	28E	6	12	R/W	B	SD	1969	121	L	4978	366	3	1969	7	1972
8384535	25168	OPEL	Admiral	B	2.8			LV19	28H	6	12	R/W	B	SD	1969	107	L	4976	408	3	1969	7	1972
8384539	25172	OPEL	Admiral	B	2.8			LV19	28S	6	12	R/W	B	SD	1969	97	L	4974	224	3	1969	7	1974
8384536	25169	OPEL	Admiral	B	2.8			LV19	28E	6	12	R/W	B	SD	1969	118	L	4977	221	8	1972	8	1978
8384534	25167	OPEL	Admiral	B	2.8			LV19	28HC	6	12	R/W	B	SD	1969	103	L	4975	337	8	1972	8	1978
8384538	25171	OPEL	Admiral	B	2.8			LV19	28S	6	12	R/W	B	SD	1969	95	L	4973	102	8	1974	8	1978
8384531	25164	OPEL	Admiral	B	4.7			LV19	46S	8	16	R/W	A	SD	1964	140	L	4972	4	8	1965	2	1969
1969104	25173	OPEL	Agila	B	1.0			HAF68	Z10XE	3	12	FW	HB	2000	43	L/R	13994	91.443	3	2000	7	2003	
1969105	25174	OPEL	Agila	B	1.0			HAF68	Z10XEP	3	12	FW	HB	2000	44	L/R	17574	53.033	8	2003	4	2008	
23723	25178	OPEL	Agila	B	1.0			F68	K10B	3	12	FW	HB	2008	48	L/R	23425	37.648	5	2008			
1969106	25176	OPEL	Agila	B	1.2			HAF68	Z12XE	4	16	FW	HB	2000	55	L/R	13995	169.061	3	2000	7	2004	
1969107	25177	OPEL	Agila	B	1.2			HAF68	Z12XEP	4	16	FW	HB	2000	59	L/R	18230	41.450	8	2004	4	2008	
23720	25180	OPEL	Agila	B	1.2			F68	K12B	4	16	FW	HB	2008	63	L/R	23426	73.373	5	2008			
8397621	74922	OPEL	Agila	B	1.2			F68	K12B	4	16	FW	HB	2008	69	L	8471		6	2010			
111462	25175	OPEL	Agila	D	1.3	CDTi		HAF68	Z13DT	4	16	FW	HB	2000	51	L/R	17575	24.339	8	2003	4	2008	
24399	25179	OPEL	Agila	D	1.3	CDTi		F68	D13AZ/213DT	4	16	FW	HB	2008	95	L/R	23427	5.980	5	2008			
8396938	71468	OPEL	Agila	L	1.0			F68	K10B	3	12	FW	HB	2008	48	L	9139		1	2010			
8396939	71469	OPEL	Agila	L	1.2			F68	K12B	4	16	FW	HB	2008	62	L	9140		1	2010			
111465	25181	OPEL	Antara	B	2.4			L07	Z24XE	4	16	4W	A	SUV	2007	103	L/R	19493	13.396	8	2006		
211241	53019	OPEL	Antara	B	2.4			L07	Z24XE	4	16	FW	A	SUV	2007	103	L	30763	1.120	9	2008		
8398756	86074	OPEL	Antara	B	2.4			L07	A24XE	4	16	4W	A	SUV	2007	123	L	7239		12	2010		
8398772	86102	OPEL	Antara	B	2.4			L07	A24XE	4	16	FW	A	SUV	2007	123	L	7238		12	2010		
408161	60951	OPEL	Antara	B	3.2			L07	Z32SEE	6	24	4W	A	SUV	2007	167	L/R	22941	4.718	3	2007		
111466	25182	OPEL	Antara	D	2.0	CDTi		L07	Z20DMH	4	16	4W	A	SUV	2007	110	L/R	19495	39.658	8	2006		
8397961	79086	OPEL	Antara	D	2.0	CDTi		L07	Z20DMH	4	16	FW	A	SUV	2007	110	L		5.914	8	2006		
111467	25184	OPEL	Antara	D	2.0	CDTi		L07	Z20DMH	4	16	4W	A	SUV	2007	93	L/R	25504	6.913	3	2007		

Furthermore, VIO is now directly visible from the "Applications"-window, so when you are filling gaps in Product Management for example, you can decide quicker which vehicles are most important. Also, because of the sorting capabilities (see previous newsletter), you can even sort on VIO total and process the vehicles in the order displayed on-screen. Please note that the VIO shown on the "Applications"-window is the total of all countries in your subscription.

Changing Application

HMD car ID: 25506      Car ID: 23448

Make: OPEL      Created: 24-07-2008 RS  
 Changed: 18-02-2010 RSA

Modelrange: Zafira      Model Details

Model: Zafira

Fuel: D Diesel

Stroke / Power: 1.7      1686      CC      92      KW

Type: CDTi

Vehicle info:

Model code: M75

Engine code: A17DTR

Date from / to: 03      2007

Cylinders: 4  
 Valves: 16  
 Drive: FW  
 Bodyform: MPV  
 Serie:  
 Generation: 2005  
 S. Gear / Box: L/R  
 K-type: 25503  
 N-type:

General VIO

Country	Description	Quantity
AT	Austria	198
BE	Belgium	1673
BA	Bosnia-Herzegovina	7
BG	Bulgaria	58
HR	Croatia	11
CZ	Czech Republic	97
DK	Denmark	
EE	Estonia	33
FR	France	12062
DE	Germany	7098
GR	Greece	38
HU	Hungary	194
IE	Ireland	363
IT	Italy	549
LV	Latvia	
LT	Lithuania	7
LU	Luxembourg	8
ME	Montenegro	4
PL	Poland	125
PT	Portugal	945
RO	Romania	46

Click header to sort

PM:       clear all      Cancel      OK

When you open a vehicle ("Changing Application"-window) and open the "VIO"-sheet, you can see the VIO per country as usual. What is also new is that now you can see whether or not a vehicle is available in a country, even when there is no VIO

data available for that country. In the above example, you can see this vehicle is not only available in the countries with VIO data, but also in Denmark and Latvia. If a country is not in the list, it means that this vehicle is not available in that specific country.

Changing article (RCR00638)

Article: **RCR00638**  
 Articlegroup: **ERCR** Radial Oil Seal      Headarticlegroup: Engine & Sealing Products  
 Status: 00 Standard article (normal)      Created: 19-07-2008 RS  
 Changed: ..

Attributes Drawing Price Applications **VIO** OE/Cross PM memo

ID number	Ktyp (Ntyp)	Make	Model	F.	Cyl	kW	Type	From	Till	Linkage	Position	VIO total
111627	14182	OPEL	Astra	D	1.7	55	DTi	08/1999	06/2003	Engine		83358
111647	13860	OPEL	Astra	D	1.7	55	DTi	08/1999	06/2003	Engine		118801
111667	13861	OPEL	Astra	D	1.7	55	DTi	09/2000	06/2003	Engine		12783
111628	17250	OPEL	Astra	D	1.7	59	CDTi	04/2003	07/2004	Engine		16642
111648	17245	OPEL	Astra	D	1.7	59	CDTi	04/2003	01/2005	Engine		19914
111668	17248	OPEL	Astra	D	1.7	59	CDTi	04/2003	01/2005	Engine		1378
23422	17847/32003	OPEL	Astra	D	1.7	59	CDTi	03/2004	08/2006	Engine		14852
24323	18078	OPEL	Astra	D	1.7	59	CDTi	08/2004	08/2006	Engine		10892
24322	18079	OPEL	Astra	D	1.7	74	CDTi	03/2004	06/2007	Engine		72085
23522	17848/18295	OPEL	Astra	D	1.7	74	CDTi	03/2004	06/2007	Engine		177739
3783721	30935	OPEL	Astra	D	1.7	74	CDTi	03/2004	06/2007	Engine		18577
24475	22688	OPEL	Astra	D	1.7	81	CDTi	05/2006		Engine		43644
24477	33843	OPEL	Astra	D	1.7	81	CDTi	02/2007		Engine		10651
24476	22686/22687	OPEL	Astra	D	1.7	81	CDTi	02/2007	10/2010	Engine		31167
2726708	32091	OPEL	Astra	D	1.7	81	CDTi	09/2009		Engine		18603
23414	22691	OPEL	Astra	D	1.7	92	CDTi	10/2006		Engine		19716
23524	22689/22690	OPEL	Astra	D	1.7	92	CDTi	02/2007		Engine		24685
2726710	32092	OPEL	Astra	D	1.7	92	CDTi	09/2009		Engine		414
111722		OPEL	Astra Van	D	1.7	55	DTi	12/2000	06/2003	Engine		18982
111723		OPEL	Astra Van	D	1.7	59	CDTi	07/2003	11/2004	Engine		5940
24336		OPEL	Astra Van	D	1.7	59	CDTi	12/2004	07/2007	Engine		3186

Sort on VIO total    Clipboard    Details

Change Articlenumber    Print Article info    Print Applications    Print ID Applications    Cancel    OK

The VIO data on article level remains the same as usual.

Attributes Drawing Price Applications **VIO** OE/Cross PM memo

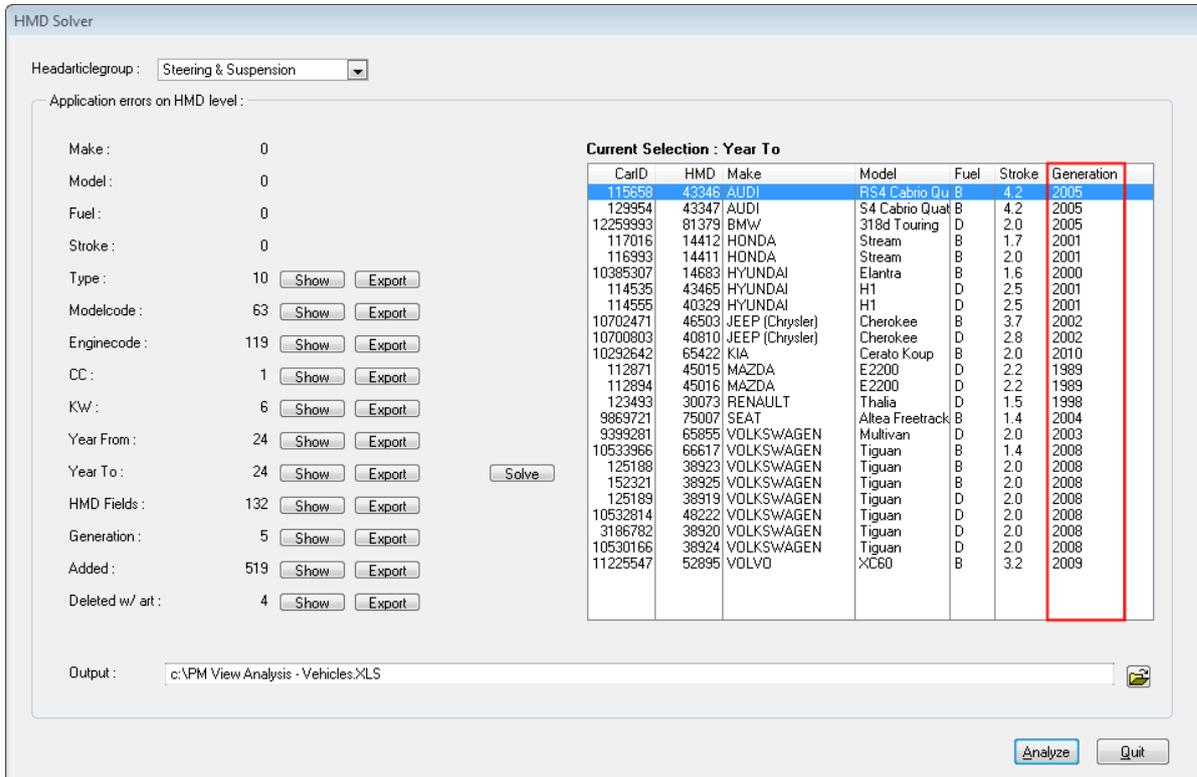
Vehicles in operation:

Country	Description	Quantity
AT	Austria	3969
BE	Belgium	11078
BA	Bosnia-Herzegovina	786
BG	Bulgaria	631
HR	Croatia	1840
CZ	Czech-Republic	1321
DK	Denmark	313
EE	Estonia	205
FI	Finland	155
FR	France	30546
DE	Germany	31423
GB	Great Britain	16966
GR	Greece	105
HU	Hungary	3707
IS	Iceland	146
IE	Ireland	288
IT	Italy	38497
LV	Latvia	378
LT	Lithuania	438
LU	Luxembourg	87
ME	Montenegro	94
NO	Norway	736
PL	Poland	7086

Click header to sort

## What's new?

In the HMD solver, some things have been changed. Firstly, the performance has been enhanced greatly. Furthermore, the Generation has been added in the views, so you have a better idea which vehicle is meant / what the importance of the change is to your data.



**HMD Solver**

Headarticlegroup : **Steering & Suspension**

Application errors on HMD level :

Make : 0  
Model : 0  
Fuel : 0  
Stroke : 0  
Type : 10    
Modelcode : 63    
Enginecode : 119    
CC : 1    
KW : 6    
Year From : 24    
Year To : 24     
HMD Fields : 132    
Generation : 5    
Added : 519    
Deleted w/ art : 4

Output : c:\PM View Analysis - Vehicles.XLS

CarID	HMD	Make	Model	Fuel	Stroke	Generation
115658	43346	AUDI	RS4 Cabrio Qu	B	4.2	2005
129954	43347	AUDI	S4 Cabrio Quat	B	4.2	2005
1225993	81379	BMW	318d Touring	D	2.0	2005
117016	14412	HONDA	Stream	B	1.7	2001
116993	14411	HONDA	Stream	B	2.0	2001
10385307	14683	HYUNDAI	Elantra	B	1.6	2000
114535	43465	HYUNDAI	H1	D	2.5	2001
114555	40329	HYUNDAI	H1	D	2.5	2001
10702471	46503	JEEP (Chrysler)	Cherokee	B	3.7	2002
10700803	40810	JEEP (Chrysler)	Cherokee	D	2.8	2002
10292642	65422	KIA	Cerato Koup	B	2.0	2010
112871	45015	MAZDA	E2200	D	2.2	1989
112894	45016	MAZDA	E2200	D	2.2	1989
123493	30073	RENAULT	Thalia	D	1.5	1998
9869721	75007	SEAT	Altea Freetrack	B	1.4	2004
9393281	65895	VOLKSWAGEN	Multivan	D	2.0	2003
10533966	66617	VOLKSWAGEN	Tiguan	B	1.4	2008
125188	38923	VOLKSWAGEN	Tiguan	B	2.0	2008
152321	38925	VOLKSWAGEN	Tiguan	B	2.0	2008
125189	38919	VOLKSWAGEN	Tiguan	D	2.0	2008
10532814	48222	VOLKSWAGEN	Tiguan	D	2.0	2008
3186782	38920	VOLKSWAGEN	Tiguan	D	2.0	2008
10530166	38924	VOLKSWAGEN	Tiguan	D	2.0	2008
11225547	52895	VOLVO	XC60	B	3.2	2009

Also, the export has been expanded. The first columns contain information about the vehicle (A-N), the last columns contain information on which fields are changed (O >), indicated by an X in the field. As you can see in the example below, changes other than the selection (year to) are also visible. So HMD vehicle 14412 has both Year From and Year To changed.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	V	W	X	Y	Z	AA	AB		
1	Selection : Year To																							
2																								
3	HMD	CarID	Make	Model	Fuel	Stroke	Type	Modelcode	Enginecode	CC	KW	Year From	Year To	Generation	Changed YN >>	Enginecode	CC	KW	Year From	Year To	HMD Fields	Generation		
4		45015	112871	MAZDA	E2200	D	2.2	SR1	R207	2184	47	199103	199307 >> 200305	1989							X			
5		45016	112894	MAZDA	E2200	D	2.2	SR1	R207/R281	2184	47	1988111	199307 >> 200305	1989							X			
6		43465	114535	HYUNDAI	H1	D	2.5	CRDI	KMP	D4CB	2497	103	200212	200708 >>	2001						X	X		
7		40329	114555	HYUNDAI	H1	D	2.5	CRDI	KMJ	D4CB/D4CBV >> D4CB	2497	103	200212	200708 >>	2001	X					X			
8		43346	115658	AUDI	RS4 Cabrio Quattro	B	4.2	8HE	BNS	4163	309	200602	>> 200810	2005							X			
9		14411	116993	HONDA	Stream	B	2.0	RN3	K20A1	1998	115	200103	200509 >> 200609	2001							X			
10		14412	117016	HONDA	Stream	B	1.7	RN1	D17A2	1668	92	200103 >> 200105	200509 >> 200609	2001				X			X			
11		30073	123493	RENAULT	Thalia	D	1.5	>> DCI	LU3M	K9K740	1461	48 >> 47	200106 >> 200506	1998			X		X		X			
12		38923	125188	VOLKSWAGEN	Tiguan	B	2.0	TFSITSI	5N1	CAWACCTB/CC2C	1984	125	200801	>> 201105	2008			X	X		X			
13		38919	125189	VOLKSWAGEN	Tiguan	D	2.0	TDI	5N1	CBAA/CFFA	1968	100	200711	>> 201105	2008						X			
14		43347	129954	AUDI	S4 Cabrio Quattro	B	4.2	8HE	BBK/BHF	4163	253	200511	>> 200903	2005							X			
15		38925	152321	VOLKSWAGEN	Tiguan	B	2.0	TFSITSI	5N1	CAWB/CCTA/CCZA	1984	147	200711	>> 201105	2008							X		
16		38920	3186782	VOLKSWAGEN	Tiguan	D	2.0	TDI	5N1	CBAB/CFFB/CLJA	1968	103	200711	>> 201105	2008							X		
17		65855	9399281	VOLKSWAGEN	Multivan	D	2.0	BITDI	7EM7EN	CFCFA	1968	132	201001 >> 200909	201105 >>	2003			X			X			
18		75007	9869721	SEAT	Altea Freetrack	B	1.4	TFSI	5P8	CAXC	1390	92	201002	>> 201005	2004							X		
19		65422	10292642	KIA	Cerato Koup	B	2.0	TD	G4KD	1998	115	200906	201002 >>	2010								X		
20		14683	10385307	HYUNDAI	Elantra	B	1.6	DN4	G4ED	1599	76	200308	200605 >>	2000								X		
21		38924	10530166	VOLKSWAGEN	Tiguan	D	2.0	TDI	5N1	CB8B/CFFB	1968	125	200802	>> 201105	2008							X		
22		48222	10532814	VOLKSWAGEN	Tiguan	D	2.0	TDI	5N1	CB4B/CFFB	1968	103	200711	201005 >> 201105	2008							X		
23		66617	10533966	VOLKSWAGEN	Tiguan	B	1.4	TSI	5N1	CAXA	1390	90	201008	>> 201105	2008							X		
24		40810	10700803	JEEP (Chrysler)	Cherokee	D	2.8	CRD	KJ	ENR	2777	120	200411	>> 200804	2002							X		
25		46503	10702471	JEEP (Chrysler)	Cherokee	B	3.7	KJ	EKG	5700	160	200308	>> 200804	2002								X		
26		52895	11225547	VOLVO	XO60	B	3.2	Turbo	D986	B63245/B63245 >> B63243	3192	175	200905	>> 201003	2009	X						X		
27		81379	12259993	BMW	318d Touring	D	2.0	E91	N47D20A	1995	100	200709	200909 >>	2005								X		
28																								
29																								
30																								

As you can also see in above example, the generation is also displayed (column N). When a field is changed, you can now also see that in the first columns (A-N), as indicated with the ">>" marks.

Looking to the first change (line 4), we see that the Year To was changed from July 1993 to May 2003 as indicated by 1993/07 >> 2003/05 in column M. When we continue, we see in line 6 that the Year To was changed from August 2007 to Still in production. On line 8 we see an example of a change from Still in production to October 2008.

1	Selection : Year To							
2								
3	HMD	CarlD	Make	Model	Fuel	Stroke	Year To	Generation
4	45015	112871	MAZDA	E2200	D	2.2	1993/07 >> 2003/05	1989
5	45016	112894	MAZDA	E2200	D	2.2	1993/07 >> 2003/05	1989
6	43465	114535	HYUNDAI	H1	D	2.5	2007/08 >>	2001
7	40329	114555	HYUNDAI	H1	D	2.5	2007/08 >>	2001
8	43346	115658	AUDI	RS4 Cabrio Quattro	B	4.2	>> 2008/10	2005

In the example below, in row 11, we can see an example of the type being changed from empty to dCi.

1	Selection : Year To							
2								
3	HMD	CarlD	Make	Model	Fuel	Stroke	Type	Generation
4	45015	112871	MAZDA	E2200	D	2.2		1989
5	45016	112894	MAZDA	E2200	D	2.2		1989
6	43465	114535	HYUNDAI	H1	D	2.5	CRDi	2001
7	40329	114555	HYUNDAI	H1	D	2.5	CRDi	2001
8	43346	115658	AUDI	RS4 Cabrio Quattro	B	4.2		2005
9	14411	116993	HONDA	Stream	B	2.0		2001
10	14412	117016	HONDA	Stream	B	1.7		2001
11	30073	123493	RENAULT	Thalia	D	1.5	>> dCi	1998
12	38923	125188	VOLKSWAGEN	Tiguan	B	2.0	TFSi/TSI	2008

## Did you know?

As you may know, for cataloguing purposes, the order of the articles in the article tree on the "Changing Application"-window can be redefined by selecting an article in the article tree and using the  and/or  -buttons.

In the above example, article RCR00221 is fitted Rear and RCR00638 is fitted Front. So if you want to first display the front articles in your catalog and then the rear, you click the RCR00221 and then on the  -button.

However, some actions are much quicker to do on the keyboard, especially when you need to do this a lot. What you can do is the following : you first click in the article tree on the first article you would like to re-position. Then, press the “+”-button on the numpad of your keyboard to move the article forward in the articletree. To move an article back in the article tree, you can press the “-“-button on the numpad of your keyboard.

Lastly, use the arrow keys “↓” and/or “↑” on your keyboard to move to the next and/or previous articlenumber. At first, this might take some practice, but this removes the use of dragging your mouse a lot.

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