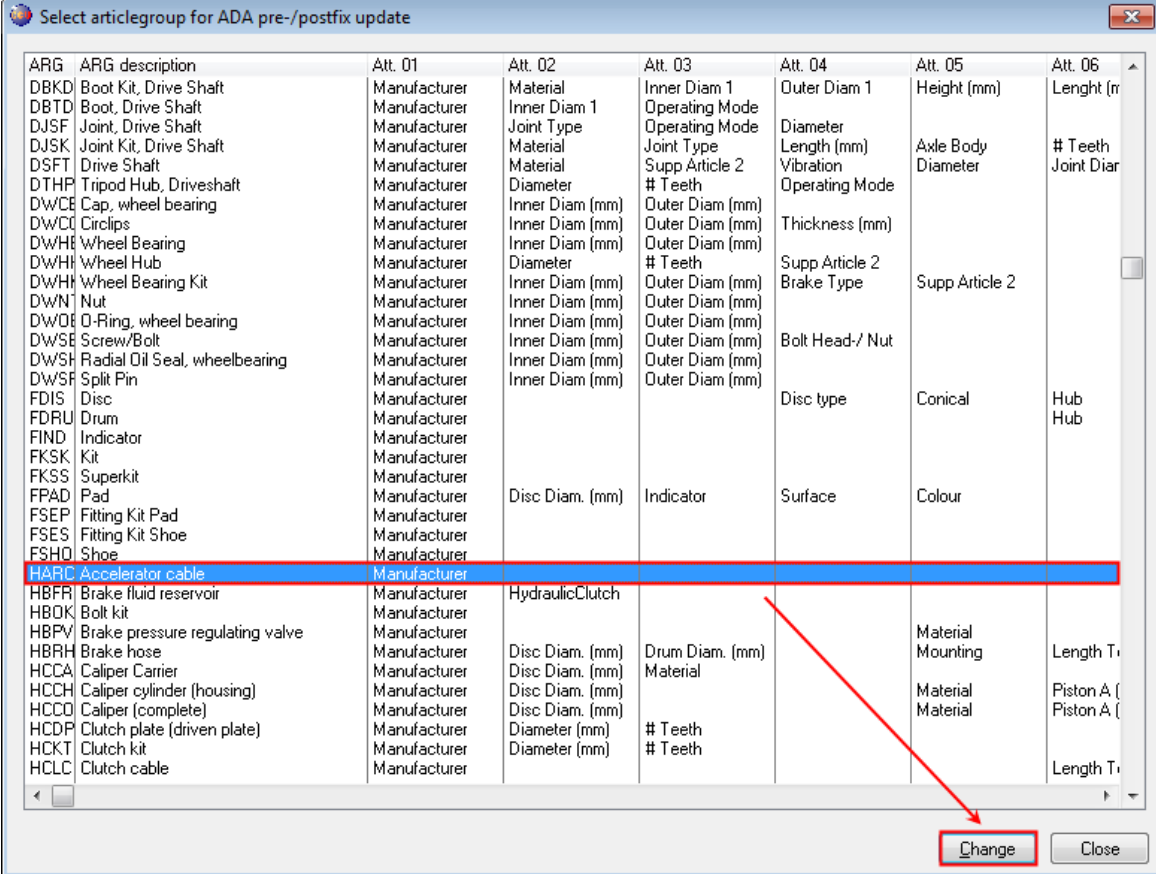


## What's new?

In addition to Application Attributes pre- and postfixes for use in catalog prints, Article Attribute pre- and postfixes have now also been added. To add these, you can open the CCU Supervisor Module and go to "Internal Tables", "Article Attributes Pre-/Postfix".



ARG	ARG description	Att. 01	Att. 02	Att. 03	Att. 04	Att. 05	Att. 06
DBKD	Boot Kit, Drive Shaft	Manufacturer	Material	Inner Diam 1	Outer Diam 1	Height (mm)	Length (mm)
DBTD	Boot, Drive Shaft	Manufacturer	Inner Diam 1	Operating Mode			
DJSF	Joint, Drive Shaft	Manufacturer	Joint Type	Operating Mode	Diameter		
DJSK	Joint Kit, Drive Shaft	Manufacturer	Material	Joint Type	Length (mm)	Axle Body Diameter	# Teeth
DSFT	Drive Shaft	Manufacturer	Material	Supp Article 2	Vibration		Joint Diam
DTHP	Tripod Hub, Driveshaft	Manufacturer	Diameter	# Teeth	Operating Mode		
DWCE	Cap, wheel bearing	Manufacturer	Inner Diam (mm)	Outer Diam (mm)			
DWCI	Circlips	Manufacturer	Inner Diam (mm)	Outer Diam (mm)	Thickness (mm)		
DWHE	Wheel Bearing	Manufacturer	Inner Diam (mm)	Outer Diam (mm)			
DWHH	Wheel Hub	Manufacturer	Diameter	# Teeth	Supp Article 2		
DWHH	Wheel Bearing Kit	Manufacturer	Inner Diam (mm)	Outer Diam (mm)	Brake Type	Supp Article 2	
DWN	Nut	Manufacturer	Inner Diam (mm)	Outer Diam (mm)			
DWDE	O-Ring, wheel bearing	Manufacturer	Inner Diam (mm)	Outer Diam (mm)			
DWSE	Screw/Bolt	Manufacturer	Inner Diam (mm)	Outer Diam (mm)	Bolt Head-/ Nut		
DWSH	Radial Oil Seal, wheelbearing	Manufacturer	Inner Diam (mm)	Outer Diam (mm)			
DWSF	Split Pin	Manufacturer	Inner Diam (mm)	Outer Diam (mm)			
FDIS	Disc	Manufacturer			Disc type	Conical	Hub Hub
FDRU	Drum	Manufacturer					
FIND	Indicator	Manufacturer					
FKSK	Kit	Manufacturer					
FKSS	Superkit	Manufacturer					
FPAD	Pad	Manufacturer	Disc Diam. (mm)	Indicator	Surface	Colour	
FSEP	Fitting Kit Pad	Manufacturer					
FSES	Fitting Kit Shoe	Manufacturer					
FSHD	Shoe	Manufacturer					
HARC	Accelerator cable	Manufacturer					
HBFR	Brake fluid reservoir	Manufacturer	HydraulicClutch				
HBOK	Bolt kit	Manufacturer					
HBPV	Brake pressure regulating valve	Manufacturer				Material	Length T
HBRE	Brake hose	Manufacturer	Disc Diam. (mm)	Drum Diam. (mm)		Mounting	
HCCA	Caliper Carrier	Manufacturer	Disc Diam. (mm)	Material			
HCCA	Caliper cylinder (housing)	Manufacturer	Disc Diam. (mm)			Material	Piston A (
HCCO	Caliper (complete)	Manufacturer	Disc Diam. (mm)			Material	Piston A (
HCDP	Clutch plate (driven plate)	Manufacturer	Diameter (mm)	# Teeth			
HCKT	Clutch kit	Manufacturer	Diameter (mm)	# Teeth			
HCLC	Clutch cable	Manufacturer					Length T

Here, you select the articlegroup where you want to add the pre- and/or postfix to and click "Change" to bring up the "Change pre-/postfix on Article Level"-window. In the following example, we will add both a prefix and a postfix to the attributes "Length A" and "Length B" of the Accelerator Cable article group. You can optionally use an underscore "\_" at the end of the prefix or start of the postfix to add a space between the pre-/postfix and the data.

Change pre-/postfix on Article Level

Articlegroup: **HARC** Accelerator cable

Attributes 1..15 | Attributes 16..30 | Attributes 31..40 | Attributes 41..50 | Attributes 51..60 | Attributes 61..70 | Attributes 71..80 | Attributes 81..90

No.	Description	Krit.	Prefix:	Postfix:
01.	Manufacturer			
02.				
03.				
04.				
05.				
06.				
07.	Length A (mm)	814	A:_	mm
08.	Length B (mm)	815	B:_	mm
09.				
10.				
11.				
12.				
13.				
14.	Fitting details			
15.				

Underscore ( \_ ) as last prefix character or first postfix character will be translated to additional blank

OK Cancel

This will result in the following when used in reports/exports :

**ARC00014**  
A: 12mm  
[ 94442307107 ]

## What's new?

The "Print Selected" and "Print All" reports on the "Applications"-window have been extended with extra information.

Applications

selected:

Generic Brakes : BFR00129, BFR00822, MCY02030, MCY02031, VSM02773, VSM02774  
 Generic Hydraulic Clutch : CLH01180, CLH01278, CMC00842, CSC00168  
 Generic Clutch : CKT01224  
 Generic Cables : HBC04171, HBC04172  
 Front Brakes : DIS58255, PAD80341, BRH03400, CCA02347, CCH00589, CCH00590, RCA00599  
 Rear Brakes : DIS58173, PAD80024, BRH00900, BRH04690, BRH05074, CCA00204, CCH00591, CCH00592, RCA00127

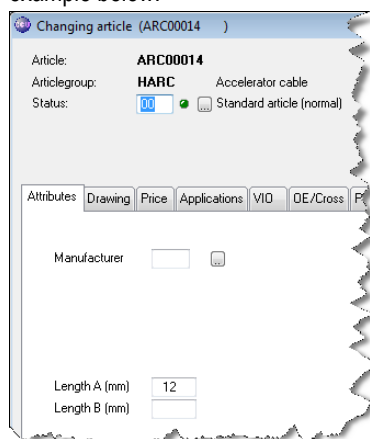
Car ID	HMD car	Make	Model	F.	Stroke	Type	vehicle info	Model code	Enginocode	Cyl	Valve	Drive	Serie	Body	Gener.	kW	HP	S.Gear	Kt.
37536	37536	VOLKSWAGE	Golf	D	1.9	TDi		1J1	AUY	4	8	4W	IV	HB	1998	85	116	L	14
37534	37534	VOLKSWAGE	Golf	D	1.9	TDi		1J1	ATD	4	8	4W	IV	HB	1998	74	101	L	15
37554	37554	VOLKSWAGE	Golf	D	1.9	TDi		1J1	ATD/AXR	4	8	FW	IV	HB	1998	74	101	L/R	15
37541	37541	VOLKSWAGE	Golf	D	1.9	TDi		1J1	ARL	4	8	FW	IV	HB	1998	110	150	L/R	15
37529	37529	VOLKSWAGE	Golf	D	1.9	TDi		1J1	ARL	4	8	4W	IV	HB	1998	110	150	L	15
37563	37563	VOLKSWAGE	Golf	D	1.9	TDi		1J1	ASZ	4	8	FW	IV	HB	1998	96	131	L/R	16
37538	37538	VOLKSWAGE	Golf	D	1.9	TDi		1J1	ASZ	4	8	4W	IV	HB	1998	96	131	L	16
37589	37589	VOLKSWAGE	Golf	D	1.9	TDi		1K1	BKC/BLS/BX	4	8	FW	V	HB	2004	77	105	L/R	17
37585	37585	VOLKSWAGE	Golf	D	1.9	TDi		1K1	BRU/BXF/BX	4	8	FW	V	HB	2004	66	90	L/R	18
5183195	37567	VOLKSWAGE	Golf	D	1.9	TDi		1K1	BKC	4	8	4W	V	HB	2004	77	105	L	18
37568	37568	VOLKSWAGE	Golf	D	2.0	TDi		1K1	AZY	4	16	FW	V	HB	2004	100	136	L	19
37570	37570	VOLKSWAGE	Golf	D	2.0	TDi		1K1	BKD	4	16	FW	V	HB	2004	103	140	L/R	17
44264	44264	VOLKSWAGE	Golf	D	2.0	SDi		1K1	BKD	4	8	FW	V	HB	2004	55	75	L/R	17
903472	57255	VOLKSWAGE	Golf	D	2.0	TDi		1K1	BKD	4	16	4W	V	HB	2004	103	140	L	18
37571	37571	VOLKSWAGE	Golf	D	2.0	TDi		1K1	BMM	4	8	FW	V	HB	2004	103	140	L/R	19
10439604	37564	VOLKSWAGE	Golf	D	2.0	TDi		1K1	BMM	4	8	4W	V	HB	2004	103	140	L	19
37576	37576	VOLKSWAGE	Golf	D	2.0	TDi		1K1	BMM	4	16	FW	V	HB	2004	125	170	L/R	18
43241	43241	VOLKSWAGE	Golf	D	2.0	TDi		5K1	CBAB/CFFB/1	4	16	FW	VI	HB	2009	103	140	L/R	29
43251	43251	VOLKSWAGE	Golf	D	2.0	TDi		5K1	CBDC	4	16	FW	VI	HB	2009	81	110	L/R	29
43240	43240	VOLKSWAGE	Golf	D	2.0	TDi		5K1	CBAA/CFFA	4	16	FW	VI	HB	2009	100	136	L/R	32
43244	43244	VOLKSWAGE	Golf	D	2.0	TDi		5K1	CBBB/CFFB	4	16	FW	VI	HB	2009	125	170	L/R	30
1985882	43390	VOLKSWAGE	Golf	D	2.0	TDi		5K1	CBAB/CFFB	4	16	4W	VI	HB	2009	103	140	L/R	31
13070664	90207	VOLKSWAGE	Golf	D	2.0	TDi		5K1	CFFB/CJAA	4	16	FW	VI	HBV	2009	103	140	L	31
13070666	90209	VOLKSWAGE	Golf	D	2.0	TDi		5K1	CFGB	4	16	FW	VI	HBV	2009	125	170	L	31
1774331	64564	VOLKSWAGE	Golf	L	1.6	BiFuel		5K1	CHGA	4	8	FW	VI	HB	2009	75	102	L/R	30
37561	37561	VOLKSWAGE	Golf	L	2.0	BiFuel		1J1	BEH	4	8	FW	IV	HB	1998	85	116	L	14
7535932	72326	VOLKSWAGE	Golf	R	1.6	Multifuel		1K1	CCSA	4	8	FW	V	HB	2004	75	102	L	33
37593	37593	VOLKSWAGE	Golf Cabrio	B	1.1			155	FA/GG	4	8	FW	I	CB	1980	37	50	L	33
13362870	90174	VOLKSWAGE	Golf Cabrio	B	1.1	TSi		517	CBZB	4	8	FW	VI	CB	2009	77	105	L/R	82

show Car ID Print All Print Selected Change Close

CATALOG Headline Database Service BV		30-09-2011	
<b>VOLKSWAGEN</b>			
<b>43244: Golf, 2.0 Diesel, TDi</b>		<b>1.</b>	<b>04 2009</b>
cc:1968	5K1	4 16 FW HB	K-Typ: 30969
kw:125	CBBB/CFGB	VI 2009 L/R THB	HMDearID: 43244
<b>Generic Brakes</b>	Brake fluid reservoir	<b>BFR00129</b> BO [ 1K1611301C, 1K1611301D ]	LHD, For PR code:1LJ/1ZA
		<b>BFR00822</b> AT [ 1K2611301B, 1K2611301C ]	RHD, For PR code:1LJ/1ZA
	Master cylinder	<b>MCY02030</b> AT [ 1K1614019A, 1K1614019E, 1K1614019L ]	LHD, ESP(-); For PR code:1LJ/1ZA
		<b>MCY02031</b> AT [ 1K2614019D, 1K2614019E, 1K2614019J ]	RHD, ESP(-); For PR code:1LJ/1ZA
	VacuumServo without master c	<b>VSM02773</b> AT [ 1K1614106AB, 1K1614106P ]	LHD, For PR code:1LJ/1ZA
		<b>VSM02774</b> AT [ 3C2614106N ]	RHD, For PR code:1LJ/1ZA

As you can see in the above example, the HMD fields of the application are now also presented (see 1.) You can see the number of cylinders, number of valves, drive, bodyform, serie, modelgeneration, steering gear and steering box information. Also, the application attributes have been expanded, now also displaying the AVG fields (see 2.). In previous releases of CCU, when the application attributes were longer than what fits on the page, the information was cut off. In the new version, the information will be automatically expanded, so all the application attributes are visible.

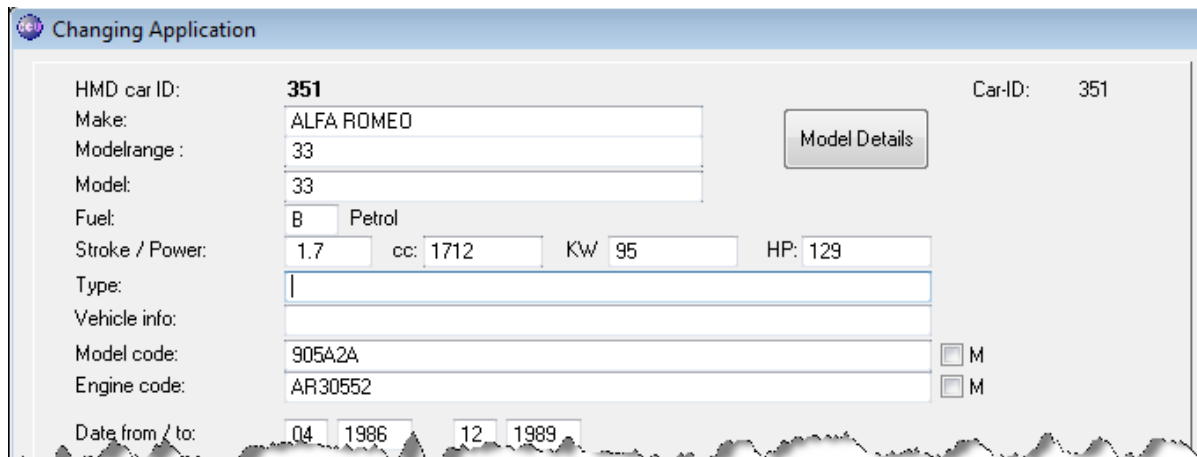
Lastly, because article attribute pre- and postfixes are available, these are also visible in the report, like shown in the example below.



<b>Generic Cables</b>	Accelerator cable	<b>ARC00009</b> [ 94442302307 ] TRW: GCANPI1008	LHD, Manual, 5 speed
		<b>ARC00010</b> [ 94542302305 ] TRW: GCANPI1009	RHD, Manual, 5 speed
		<b>ARC00014</b> <b>12mm</b> [ 94442307107 ] TRW: GCANPI1010	LHD, Automatic
		<b>ARC00015</b> [ 94542307106 ] TRW: GCANPI1011	RHD, Automatic

## What's new?

A few changes have been made to the "Changing Application"-window. At the upper left corner of the window, you will now see the horsepower PK / PS / CV visible next to the horsepower KW.



**Changing Application**

HMD car ID: **351** Car-ID: 351

Make: ALFA ROMEO

Modelrange : 33

Model: 33

Fuel: B Petrol

Stroke / Power: 1.7 cc: 1712 KW 95 HP: 129

Type: |

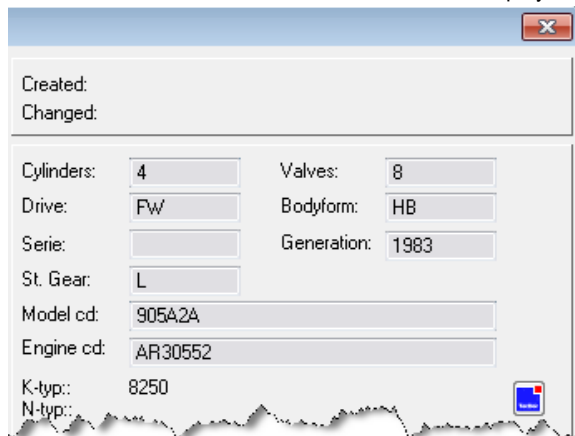
Vehicle info:

Model code: 905A2A  M

Engine code: AR30552  M

Date from / to: 04 1986 12 1989

Furthermore, on the upper right corner of the window, the HMD fields are displayed on top (in a more efficient way), and the TecDoc information and TecDoc button are now displayed on the bottom together.



Created:

Changed:

Cylinders: 4 Valves: 8

Drive: FW Bodyform: HB

Serie: Generation: 1983

St. Gear: L

Model cd: 905A2A

Engine cd: AR30552

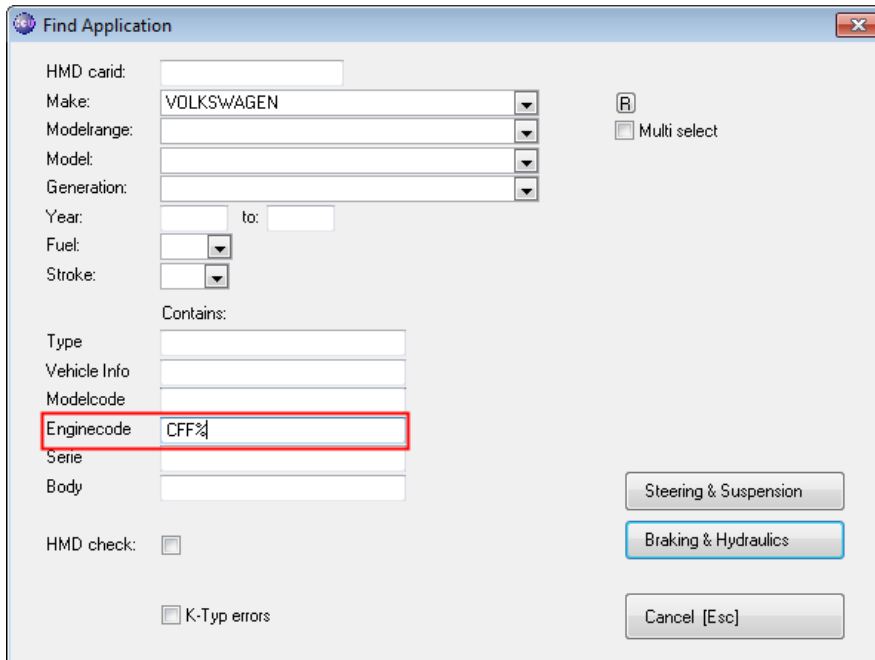
K-ty: 8250

N-ty:

If you have enabled manual defined enginecode and/or modelcode for cataloguing purposes, you will also see the original enginecode and/or modelcode on the upper right corner of the window.

## Did you know?

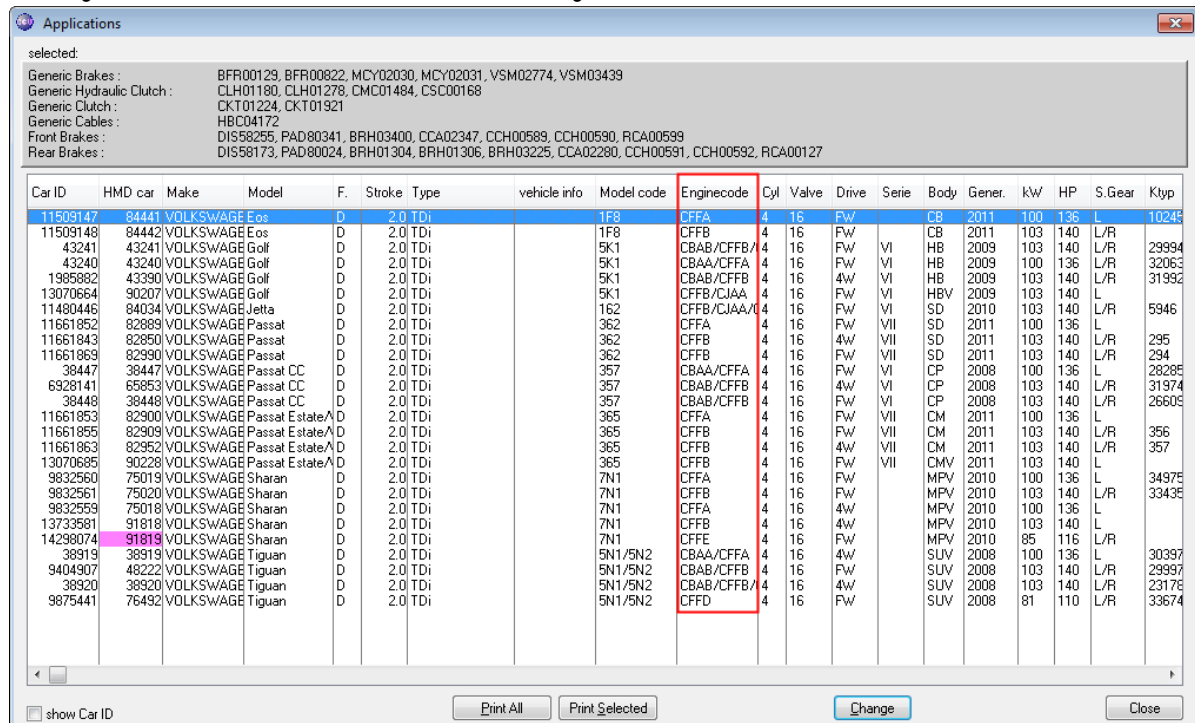
As you may know, on the "Find Application"-window you can search for vehicles by Enginecode. The best way to do this is by filling the "make"- and "enginecode"-fields.



The 'Find Application' dialog box contains the following fields and options:

- HMD carid: [ ]
- Make: VOLKSWAGEN
- Modelrange: [ ]
- Model: [ ]
- Generation: [ ]
- Year: [ ] to: [ ]
- Fuel: [ ]
- Stroke: [ ]
- Contains:
  - Type: [ ]
  - Vehicle Info: [ ]
  - Modelcode: [ ]
  - Enginecode: CFF%
  - Serie: [ ]
  - Body: [ ]
- HMD check:
- K-Typ errors
- Buttons: Steering & Suspension, Braking & Hydraulics, Cancel [Esc]

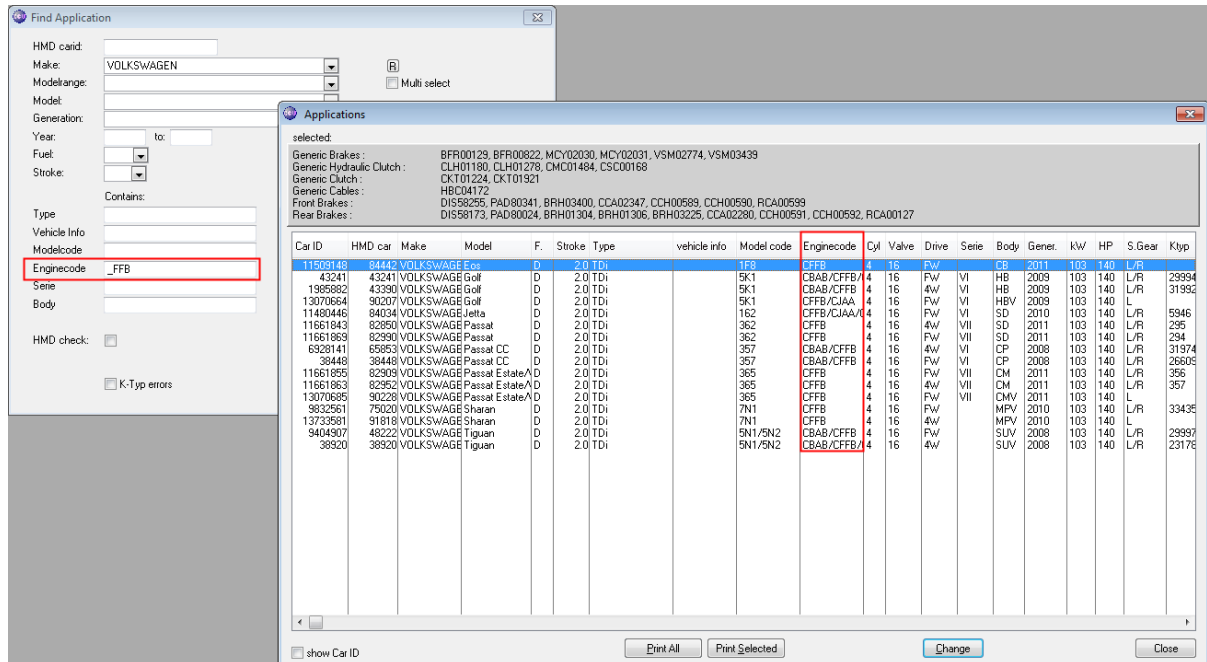
But did you know that you can also search for a part of an enginecode ? To find all VOLKSWAGEN vehicles with an enginecode starting with CFF, fill "CFF%" in the "enginecode"-field, like in the above example. The "%" is a wildcard, meaning one or more characters. The result is the following :



The 'Applications' window displays a list of vehicle applications with the following columns: Car ID, HMD car, Make, Model, F, Stroke, Type, vehicle info, Model code, Enginecode, Cyl, Valve, Drive, Serie, Body, Gener, kW, HP, S.Gear, Ktyp.

Car ID	HMD car	Make	Model	F	Stroke	Type	vehicle info	Model code	Enginecode	Cyl	Valve	Drive	Serie	Body	Gener	kW	HP	S.Gear	Ktyp
11509147	84441	VOLKSWAGE	Eos	D	2.0	TDi		1F8	CFFA	4	16	FW	CB	2011	100	136	L		10245
11509148	84442	VOLKSWAGE	Eos	D	2.0	TDi		1F8	CFFB	4	16	FW	CB	2011	103	140	L/R		
43241	43241	VOLKSWAGE	Golf	D	2.0	TDi		5K1	CBAB/CFFB/	4	16	FW	VI	HB	2009	103	140	L/R	29994
43240	43240	VOLKSWAGE	Golf	D	2.0	TDi		5K1	CBAA/CFFA	4	16	FW	VI	HB	2009	100	136	L/R	32063
1985882	43390	VOLKSWAGE	Golf	D	2.0	TDi		5K1	CBAB/CFFB	4	16	4W	VI	HB	2009	103	140	L/R	31932
13070664	90207	VOLKSWAGE	Golf	D	2.0	TDi		5K1	CFFB/CJAA	4	16	FW	VI	HBV	2009	103	140	L	
11480446	84034	VOLKSWAGE	Jetta	D	2.0	TDi		162	CFFB/CJAA/	4	16	FW	VI	SD	2010	103	140	L/R	5946
11661852	82889	VOLKSWAGE	Passat	D	2.0	TDi		362	CFFA	4	16	FW	VII	SD	2011	100	136	L	
11661843	82850	VOLKSWAGE	Passat	D	2.0	TDi		362	CFFB	4	16	4W	VII	SD	2011	103	140	L/R	295
11661869	82990	VOLKSWAGE	Passat	D	2.0	TDi		362	CFFB	4	16	FW	VII	SD	2011	103	140	L/R	294
38447	38447	VOLKSWAGE	Passat CC	D	2.0	TDi		357	CBAA/CFFA	4	16	FW	VI	CP	2008	100	136	L	28285
6928141	68853	VOLKSWAGE	Passat CC	D	2.0	TDi		357	CBAB/CFFB	4	16	4W	VI	CP	2008	103	140	L/R	31974
38448	38448	VOLKSWAGE	Passat CC	D	2.0	TDi		357	CBAB/CFFB	4	16	FW	VI	CP	2008	103	140	L/R	26605
11661853	82900	VOLKSWAGE	Passat Estate	D	2.0	TDi		365	CFFA	4	16	FW	VII	CM	2011	100	136	L	
11661855	82909	VOLKSWAGE	Passat Estate	D	2.0	TDi		365	CFFB	4	16	FW	VII	CM	2011	103	140	L/R	356
11661863	82952	VOLKSWAGE	Passat Estate	D	2.0	TDi		365	CFFB	4	16	4W	VII	CM	2011	103	140	L/R	357
13070685	90228	VOLKSWAGE	Passat Estate	D	2.0	TDi		365	CFFB	4	16	FW	VII	CMV	2011	103	140	L	
9832560	75019	VOLKSWAGE	Sharan	D	2.0	TDi		7N1	CFFA	4	16	FW		MPV	2010	100	136	L	34975
9832561	75020	VOLKSWAGE	Sharan	D	2.0	TDi		7N1	CFFB	4	16	FW		MPV	2010	103	140	L/R	33435
9832559	75018	VOLKSWAGE	Sharan	D	2.0	TDi		7N1	CFFA	4	16	4W		MPV	2010	100	136	L	
13733581	91818	VOLKSWAGE	Sharan	D	2.0	TDi		7N1	CFFB	4	16	4W		MPV	2010	103	140	L	
14298074	91819	VOLKSWAGE	Sharan	D	2.0	TDi		7N1	CFFE	4	16	FW		MPV	2010	85	116	L/R	
39919	39919	VOLKSWAGE	Tiguan	D	2.0	TDi		5N1/5N2	CBAA/CFFA	4	16	4W		SUV	2008	100	136	L	30397
9404907	48222	VOLKSWAGE	Tiguan	D	2.0	TDi		5N1/5N2	CBAB/CFFB	4	16	FW		SUV	2008	103	140	L/R	29997
38920	38920	VOLKSWAGE	Tiguan	D	2.0	TDi		5N1/5N2	CBAB/CFFB/	4	16	4W		SUV	2008	103	140	L/R	23176
9875441	76492	VOLKSWAGE	Tiguan	D	2.0	TDi		5N1/5N2	CFFD	4	16	FW		SUV	2008	81	110	L/R	33674

If you want to place a wildcard for only one character, you can use the underscore "\_". If you want to find an enginecode starting with one unknown character, but ending on FFB, you can search on "\_FFB", like in the following example:



Find Application

HMD card:

Make: VOLKSWAGEN

Modelange:   Multi select

Model:

Generation:

Year:  to:

Fuel:

Stroke:

Contains:

Type:

Vehicle Info:

Modelcode:

Enginecode: \_FFB

Serie:

Body:

HMD check:

K-Type errors

Applications

selected: BFR00129, BFR00822, MCY02030, MCY02031, VSM02774, VSM03439  
 Generic Hydraulic Clutch: CLH01180, CLH01278, DMC01484, CSC00168  
 Generic Clutch: CKT01224, CKT01921  
 HBC04172  
 DIS58225, PAD80341, BRH03400, DCA02347, CCH00589, CCH00590, PCA00599  
 Front Brakes: DIS58173, PAD80024, BRH01304, BRH01306, BRH03225, DCA02290, CCH00691, CCH00692, PCA00127  
 Rear Brakes:

Car ID	HMD car	Make	Model	F	Stroke	Type	vehicle info	Model code	Enginecode	Cyl	Valve	Drive	Serie	Body	Genet	kW	HP	S Gear	Ktjpp
11523149	84412	VOLKSWAGEN	Golf	D	2.0	TDi		162	CFFB	4	16	Fw	VI	CP	2011	103	140	L/R	
43241	43241	VOLKSWAGEN	Golf	D	2.0	TDi		5K1	CBAB/CFFB	4	16	4w	VI	HB	2009	103	140	L/R	29994
1365882	43390	VOLKSWAGEN	Golf	D	2.0	TDi		5K1	CFFB/CJAA	4	16	4w	VI	HBV	2009	103	140	L/R	31952
13070664	90207	VOLKSWAGEN	Golf	D	2.0	TDi		162	CFFB/CJAA	4	16	Fw	VI	SD	2010	103	140	L/R	5946
11480446	84034	VOLKSWAGEN	Jetta	D	2.0	TDi		362	CFFB	4	16	4w	VII	SD	2011	103	140	L/R	295
11661843	82950	VOLKSWAGEN	Passat	D	2.0	TDi		362	CFFB	4	16	4w	VII	SD	2011	103	140	L/R	294
11661869	82990	VOLKSWAGEN	Passat	D	2.0	TDi		362	CFFB	4	16	Fw	VII	SD	2011	103	140	L/R	294
6328141	65953	VOLKSWAGEN	Passat CC	D	2.0	TDi		357	CBAB/CFFB	4	16	4w	VI	CP	2008	103	140	L/R	31974
39448	39448	VOLKSWAGEN	Passat CC	D	2.0	TDi		357	CBAB/CFFB	4	16	Fw	VI	CP	2008	103	140	L/R	26505
11661859	82909	VOLKSWAGEN	Passat Estate/D	D	2.0	TDi		365	CFFB	4	16	Fw	VII	CM	2011	103	140	L/R	359
11661863	82952	VOLKSWAGEN	Passat Estate/D	D	2.0	TDi		365	CFFB	4	16	4w	VII	CM	2011	103	140	L/R	357
13070685	90228	VOLKSWAGEN	Passat Estate/D	D	2.0	TDi		365	CFFB	4	16	Fw	VII	CMV	2011	103	140	L	
3823561	75020	VOLKSWAGEN	Sharan	D	2.0	TDi		7N1	CFFB	4	16	Fw		MPV	2010	103	140	L/R	3343E
13733581	91818	VOLKSWAGEN	Sharan	D	2.0	TDi		7N1	CFFB	4	16	4w		MPV	2010	103	140	L	
9404907	48222	VOLKSWAGEN	Tiguan	D	2.0	TDi		5N1/5N2	CBAB/CFFB	4	16	Fw		SUV	2008	103	140	L/R	29997
38920	38920	VOLKSWAGEN	Tiguan	D	2.0	TDi		5N1/5N2	CBAB/CFFB	4	16	4w		SUV	2008	103	140	L/R	2317E

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Please note that this only works for searching on enginecode, other fields do not use wildcards.

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