



### 2013-2014 Beetle/Beetle Convertible Das Auto.

Engine	Part	Part Number	Quantity
	Oil Filter	06J115403Q	1
2.0L Turbo: CCTA,	VW 502 00 Use synthetic oil SAE 5W-40, SAE 5W-30	N/A	4.6L (4.9qt)
CBFA	Drain Plug Gasket	See Tech Tip 17-12-02 Elsa Doc #2030603	1
	Air Filter	1K0129620D	1

Engine	Part	Part Number	Quantity
	Oil Filter	071115562C	1
2.0L Turbo Diesel:	VW 507 00 Use synthetic oil SAE 5W-30	N/A	4.3L (4.5qt)
CJAA, CVCA	Drain Plug + Gasket	N-90813202	1
	Air Filter	1K0129620E	1
	Fuel Filter (20K Only)	1K0127434B	1

Engine	Part	Part Number	Quantity
	Oil Filter	06K115562	1
2.0L Turbo: CPLA,	VW 502 00 Use synthetic oil SAE 5W-40, SAE 5W-30	N/A	5.5L (5.8qt)
CPPA	Drain Plug Gasket	N-0138157	1
	Air Filter	5C0129620	1

Engine	Part	Part Number	Quantity
	Oil Filter	06D115562	1
2.5L: CBTA, CBUA	VW 502 00 Use synthetic oil SAE 5W-40, SAE 5W-30	N/A	6.0L (6.3qt)
Z.JL. CBTA, CBUA	Drain Plug Gasket	N-90813202	1
	Air Filter	07K129620	1

Engine	Part	Part Number	Quantity
	Oil Filter	06K115562	1
1.8L Turbo: CPKA,	VW 502 00 Use synthetic oil SAE 5W-40, SAE 5W-30	N/A	5.5L (5.7qt)
CPRA	Drain Plug Gasket	N-0138157	1
	Air Filter	5C0129620	1

Miscellaneous	Part	Part Number	Quantity
	Pollen Filter PR-9AB	1K0819644B	1
	Pollen Filter PR-9AK	1K1819653B	1
Miscellaneous	Wiper Blades (Left or Right)	5C1955425	1
	Battery	000915105DEDSP	1
	Battery	000915105DGDSP	1

#### 2013 Beetle Service Reminder Reset

#### Resetting the service reminder display

If the service was not performed by an authorized Volkswagen dealer or an authorized Volkswagen Service Facility, the service reminder can be reset as follows:

Vehicles with Premium text message display:
Select the Settings menu.
In the Service submenu, select the Reset menu item.
Confirm request by pressing the OK button on the multi-function steering wheel.
Vehicles with Basic text message display:
Switch off the ignition.
Push the $0.0 / SET$ button in the instrument cluster and hold

down.

Switch on the ignition.

Release the 0.0 / SET button and push the  $\boxed{10}$  button in the instrument cluster within about 20 seconds.

**i** Do **not** reset the service reminder between service intervals; otherwise, incorrect information will be displayed.

**The service reminder disappears after a few seconds when the engine is running or after the OK/RESET** button on the windshield wiper lever or the OK button on the multi-function steering wheel has been pushed.

#### 2014 Beetle Service Reminder Reset

#### Resetting the oil change service reminder

If the service was not performed by an authorized Volkswagen dealer or an authorized Volkswagen Service Facility, the oil change service reminder can be reset as follows:

#### Vehicles with Premium display:

Switch off the ignition.

Press and hold the **0.0/SET** button in the instrument cluster.

Switch on the ignition.

Release the **0.0/SET** button.

A confirmation message appears in the display. Confirm request with the OK/RESET in the windshield wiper lever or the OK button on the multi-function steering wheel.

### Vehicles with Basic display:

Switch off the ignition.

Push the **0.0/SET** button in the instrument cluster and hold down.

Switch on the ignition.

Release the 0.0/SET button and push the -1/O button in the instrument cluster within about 20 seconds.

### Resetting the inspection service reminder

If the service was not performed by an authorized Volkswagen dealer or an authorized Volkswagen Service Facility, the inspection service reminder can be reset as follows:

#### Vehicles with Premium display:

Switch off the ignition.

Switch on the emergency flashers.

Press and hold the **0.0/SET** button in the instrument cluster.

Switch on the ignition.

Release the **0.0/SET** button.

#### Vehicles with Premium display:

A confirmation message appears in the display. Confirm request with the OK/RESET in the windshield wiper lever or the OK button on the multi-function steering wheel.

Switch off the emergency flashers.

#### Vehicles with Basic display:

Switch off the ignition.

Switch on the emergency flashers.

Push the **0.0/SET** button in the instrument cluster and hold down.

Switch on the ignition.

Release the **0.0/SET** button and push the  $\boxed{-0.0}$  button in the instrument cluster within about 20 seconds.

Switch off the emergency flashers.

**b** Do **not** reset the service reminder between service intervals; otherwise, incorrect information will be displayed.

The service reminder disappears after a few seconds or after the **OK/RESET** button on the windshield wiper lever or the **OK** button on the multi-function steering wheel has been pushed.





### Beetle - 2013 FLUID CAPACITY CHART 2 nov. 2012

Vehicle (Sales Code)	Engine Oil approx. qty. w/filter change	Manual Trans	Auto Trans	Rear Final Drive	Cooling System	Power Steering	Brake System	A/C System	Windshield Fluid
New Beetle FWD Manual (5C11S1) (5C12S1) (5C13S1) (5C11Z1) (5C12Z1) (5C13Z1)	2.5 L 170hp (CBTA/CBUA) 6.0L (6.3 qt.) <u>VW 0il Spec:</u> VW 502 00** Use synthetic oil SAE 5W-40, SAE 5W-30	<b>5-Spd</b> (0A4) 1.8 L (2.0 qt.) <u>Oil PN</u> G 070 726 A2*	N/A	N/A	9.0 L (9.5 qt.)***	0.7 – 0.9 L (0.7 – 1.0 qt.) (approximately) <u>Fluid PN</u> G 002 000*	1.0 L (1.1qt) (approximately) <u>VW Brake Fluid</u> <u>Specification:</u> Use new fluid only. VW 501 14 or FMVSS 116 DOT 4	Refrigerant Use only R134a <u>Refrig. Capacity</u> 525 ± 25 grams (18.5 + 0.8 oz) <u>Refrigerant Oil</u> Use a PAG oil with R134a	3.6 – 4.5 L (3.8 – 4.7 qt.) <u>Fluid PN</u> G 052 164*
New Beetle FWD Auto (5C11S3) (5C11Z3) (5C12S3) (5C12Z3) (5C13S3) (5C13Z3)		N/A	6-Spd (09G) <u>New Fill:</u> 7.0 L (7.4 qt.) <u>Change:</u> 3.0 L (3.2 qt.) <u>Oil PN</u> G 055 025 A2*	Capacity included with transmission			B 000 750*	<u>Oil PN &amp; Capacity</u> <u>Sanden Cmpr:</u> G 052 154 A2* 110±10 cc (3.7±0.3 fl.oz) <u>Denso Cmpr:</u> G 052 300 A2* 90±10 cc (3.0±0.3 fl.oz)	

\*\* Refer to 2012855 for engine oils that meet standard VW 502 00.

\*\*\* VW Coolant Additive Specification and Part Number: (color is pink) G 13 (TL-VW 774 J) G 013A8J





# Beetle - 2013 FLUID CAPACITY CHART 2 nov. 2012

FWD Manual (CCTA/CBFA) (02Q) (3.8 - 4.7 qt)   2.3 L (2.4 qt.) 2.3 L (2.4 qt.) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Vehicle (Sales Code)	<b>Engine Oil</b> approx. qty. w/filter change	Manual Trans	Auto Trans	Rear Final Drive	Cooling System	Power Steering	Brake System	A/C System	Windshield Fluid
New Beetle FWD Auto   N/A   6-Spd DSG® (02E)   Capacity included with transmission   G 052 154 A2* 110± 10 cc (3.7±0.3 fl.oz)     (5C11W3) (5C11Y3) (5C11Y3) (5C12W3) (5C12W3) (5C12Y3) (5C12Y3) (5C13W3) (5C13W3)   Mew Fill: 6.9 - 7.2 L (7.3 - 7.6 qt.)   Denso Cmpr: 	FWD Manual (5C11W2) (5C11Y2) (5C12W2) (5C12Y2) (5C13W2)	(CCTA/CBFA) 4.6 L (4.9 qt) <u>VW 0il Spec:</u> VW 502 00** Use synthetic oil SAE 5W-40,	(02Q) 2.3 L (2.4 qt.) <u>Oil PN</u>	N/A	N/A	8.0 L (8.5 qt.)***	(0.7 – 1.0 qt) (approximately) <u>Fluid PN</u>	(approximately) <u>VW Brake Fluid</u> <u>Specification:</u> Use new fluid only. VW 501 14 or FMVSS 116 DOT 4 <u>Fluid PN</u>	Use only R134a <u>Refrig. Capacity</u> 525 ± 25 grams (18.5 + 0.8 oz) <u>Refrigerant Oil</u> Use a PAG oil with R134a	3.6 – 4.5 L (3.8 – 4.7 qt.) <u>Fluid PN</u> G 052 164*
For proper fluid level and filling information, see the Repair Manual and/or Maintenance Manual in ElsaWeb.	FWD Auto (5C11W3) (5C11Y3) (5C12W3) (5C12Y3) (5C13W3) (5C13Y3)			(02E) <u>New Fill:</u> 6.9 - 7.2 L (7.3 – 7.6 qt.) <u>Change:</u> 5.2L (5.5 qt.) <u>Oil PN</u> G 052 182 A2*	included with transmission				<u>Sanden Cmpr:</u> G 052 154 A2* 110± 10 cc (3.7±0.3 fl.oz) <u>Denso Cmpr:</u> G 052 300 A2* 90± 10 cc	





# Beetle - 2013 FLUID CAPACITY CHART Update 26 August 2013

Vehicle (Sales Code)	<b>Engine Oil</b> approx. qty. w/filter change	Manual Trans	Auto Trans	Rear Final Drive	Cooling System	Power Steering	Brake System	A/C System	Windshield Fluid
New Beetle FWD Manual (5C11N2) (5C12N2) (5C1RN2) <u>PZEV</u> (5C11M2) (5C12M2) (5C1RM2)	2.0T 210hp (CPLA/CPPA) 5.5 L (5.8 qt) <u>VW 0il Spec:</u> VW 502 00** Use synthetic oil SAE 5W-40, SAE 5W-30	6-Spd (02Q) 2.3 L (2.4 qt.) <u>Oil PN</u> G 052 171 A2*	N/A	N/A	8.0 L (8.5 qt.)***	0.7 – 0.9 L (0.7 – 1.0 qt) (approximately) <u>Fluid PN</u> G 002 000*	1.0 L (1.1qt.) (approximately) <u>VW Brake Fluid</u> <u>Specification:</u> Use new fluid only. VW 501 14 or FMVSS 116 DOT 4 <u>Fluid PN</u> B 000 750*	Refrigerant Use only R134a Refrig. Capacity 525 ± 25 grams (18.5 + 0.8 oz) Refrigerant Oil Use a PAG oil with R134a Oil PN & Capacity Sanden Cmpr:	3.6 – 4.5 L (3.8 – 4.7 qt.) <u>Fluid PN</u> G 052 164*
New Beetle FWD Auto (5C11N3) (5C12N3) (5C1RN3) <u>PZEV</u> (5C11M3) (5C12M3) (5C12M3)		N/A	6-Spd DSG® (02E) <u>New Fill:</u> 6.9 - 7.2 L (7.3 - 7.6 qt.) <u>Change:</u> 5.2L (5.5 qt.) <u>Oil PN</u> G 052 182 A2*	Capacity included with transmission				G 052 154 A2* 110±10 cc (3.7±0.3 fl.oz) <u>Denso Cmpr:</u> G 052 300 A2* 90±10 cc (3.0±0.3 fl.oz)	

\*\* Refer to 2012855 for engine oils that meet standard VW 502 00.

\*\*\* VW Coolant Additive Specification and Part Number: (color is pink) G 13 (TL-VW 774 J) G 013A8J





# Beetle - 2013 FLUID CAPACITY CHART 2 nov. 2012

Vehicle (Sales Code)	Engine Oil approx. qty. w/filter change	Manual Trans	Auto Trans	Rear Final Drive	Cooling System	Power Steering	Brake System	A/C System	Windshield Fluid
New Beetle FWD Manual (5C119L) (5C129L) (5C139L)	2.0 TDI 140hp (CJAA) 4.3 L (4.5 qt) <u>VW 0il Spec:</u> VW 507 00** Use synthetic oil SAE 5W-30	6-Spd (02Q) 2.3 L (2.4 qt.) <u>Oil PN</u> G 052 171 A2*	N/A	N/A	8.0 L (8.5 qt.)***	0.7 – 0.9 L (0.7 – 1.0 qt) (approximately) <u>Fluid PN</u> G 002 000*	1.0 L (1.1qt.) (approximately) <u>VW Brake Fluid</u> <u>Specification:</u> Use new fluid only. VW 501 14 or FMVSS 116 DOT 4	Refrigerant Use only R134a <u>Refrig. Capacity</u> 525 ± 25 grams (18.5 + 0.8 oz) <u>Refrigerant Oil</u> Use a PAG oil	3.6 – 4.5 L (3.8 – 4.7 qt. <u>Fluid PN</u> G 052 164*
New Beetle FWD Auto (5C119M) (5C129M) (5C139M)		N/A	6-Spd DSG® (02E) <u>New Fill:</u> 6.9 - 7.2 L (7.3 - 7.6 qt.) <u>Change:</u> 5.2L (5.5 qt.) <u>Oil PN</u> G 052 182 A2*	Capacity included with transmission			<u>Fluid PN</u> B 000 750*	Ose a PAG off     with R134a     Oil PN & Capacity     Sanden Cmpr:     G 052 154 A2*     110± 10 cc     (3.7±0.3 fl.oz)     Denso Cmpr:     G 052 300 A2*     90± 10 cc     (3.0±0.3 fl.oz)	

VW Coolant Additive Specification and Part Number: (color is pink) G 13 (IL-VW 774 J) G 013A8J





# Beetle Convertible - 2013 FLUID CAPACITY CHART 21 dec. 2012

Vehicle (Sales Code)	Engine Oil approx. qty. w/filter change	Manual Trans	Auto Trans	Rear Final Drive	Cooling System	Power Steering	Brake System	A/C System	Windshield Fluid
FWD Auto (5C71S3) (5C71Z3) (5C72S3) (5C72S3) (5C73S3) (5C73Z3)	2.5 L 170hp (CBTA/CBUA) 6.0L (6.3 qt.) <u>VW 0il Spec:</u> VW 502 00** Use synthetic oil SAE 5W-40, SAE 5W-30	N/A	6-Spd (09G) <u>New Fill:</u> 7.0 L (7.4 qt.) <u>Change:</u> 3.0 L (3.2 qt.) <u>Oil PN</u> G 055 025 A2*	Capacity included with transmission	9.0 L (9.5 qt.)***	0.7 – 0.9 L (0.7 – 1.0 qt.) (approximately) <u>Fluid PN</u> G 002 000*	1.0 L (1.1qt) (approximately) <u>VW Brake Fluid</u> <u>Specification:</u> Use new fluid only. VW 501 14 or FMVSS 116 DOT 4 <u>Fluid PN</u> B 000 750*	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	3.6 – 4.5 L (3.8 – 4.7 qt.) <u>Fluid PN</u> G 052 164*

\*\*\* VW Coolant Additive Specification and Part Number: (color is pink) G 13 (TL-VW 774 J) PN- G 012 A8J.





# Beetle Convertible - 2013 FLUID CAPACITY CHART 21 dec. 2012

	approx. qty. w/filter change	Manual Trans	Auto Trans	Rear Final Drive	Cooling System	Power Steering	Brake System	A/C System	Windshield Fluid
FWD (( Manual (5C71W2) (5C71Y2) 4 (5C72W2) (5C72Y2) 2 (5C73W2)	2.0T 200hp (CCTA/CBFA) 4.6 L (4.9 qt) <u>VW 0il Spec:</u> VW 502 00** Jse synthetic oil SAE 5W-40, SAE 5W-30	6-Spd (02Q) 2.3 L (2.4 qt.) <u>Oil PN</u> G 052 171 A2*	N/A	N/A	8.0 L (8.5 qt.)***	0.7 - 0.9 L (0.7 - 1.0 qt) (approximately) <u>Fluid PN</u> G 002 000*	1.0 L (1.1qt.) (approximately) <u>VW Brake Fluid</u> <u>Specification:</u> Use new fluid only. VW 501 14 or FMVSS 116 DOT 4 <u>Fluid PN</u> B 000 750*	Refrigerant Use only R134a Refrig. Capacity 525 ± 25 grams (18.5 + 0.8 oz) Refrigerant Oil Use a PAG oil with R134a Oil PN & Capacity	3.6 – 4.5 L (3.8 – 4.7 qt.) <u>Fluid PN</u> G 052 164*
					nce Manual in ElsaW			<u>Sanden Cmpr:</u> G 052 154 A2* 110±10 cc (3.7±0.3 fl.oz) <u>Denso Cmpr:</u> G 052 300 A2* 90±10 cc (3.0±0.3 fl.oz)	





# Beetle Convertible - 2013 FLUID CAPACITY CHART Update 26 August 2013

Vehicle (Sales Code)	<b>Engine Oil</b> approx. qty. w/filter change	Manual Trans	Auto Trans	Rear Final Drive	Cooling System	Power Steering	Brake System	A/C System	Windshield Fluid
FWD Manual (5C71N2) (5C72N22) (5C73N2) PZEV (5C71M1) (5C72M2) (5C73M2) FWD Auto (5C71N3) (5C72N3) (5C72N3) (5C72N3) (5C73N3) PZEV (5C71M3) (5C72M3) (5C72M3)	2.0T 210hp (CPLA/CPPA) 5.5 L (5.8 qt) <u>VW 502 00**</u> Use synthetic oil SAE 5W-40, SAE 5W-30	6-Spd (02Q) 2.3 L (2.4 qt.) <u>Oil PN</u> G 052 171 A2*	N/A 6-Spd DSG® (02E) <u>New Fill:</u> 6.9 - 7.2 L (7.3 - 7.6 qt.) <u>Change:</u> 5.2L (5.5 qt.) <u>Oil PN</u> G 052 182 A2*	N/A Capacity included with transmission	8.0 L (8.5 qt.)***	0.7 – 0.9 L (0.7 – 1.0 qt) (approximately) <u>Fluid PN</u> G 002 000*	1.0 L (1.1qt.) (approximately) <u>VW Brake Fluid</u> <u>Specification:</u> Use new fluid only. VW 501 14 or FMVSS 116 DOT 4 <u>Fluid PN</u> B 000 750*	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	3.6 – 4.5 L (3.8 – 4.7 qt.) <u>Fluid PN</u> G 052 164*
* Oil and fl ** Refer to 2	uid part numbers a 012855 for engine	re for reference on oils that meet stand	ly. Always check w dard VW 502 00.	ith your Parts De	I nce Manual in ElsaW epartment for the late 74 J) PN- G 012 A8J.		l.		





# Beetle Convertible - 2013 FLUID CAPACITY CHART 21 dec. 2012

Vehicle (Sales Code)	Engine Oil approx. qty. w/filter change	Manual Trans	Auto Trans	Rear Final Drive	Cooling System	Power Steering	Brake System	A/C System	Windshield Fluid
FWD Manual (5C719L) (5C729L) (5C739L)	2.0 TDI 140hp (CJAA) 4.3 L (4.5 qt) <u>VW 0il Spec:</u> VW 507 00** Use synthetic oil SAE 5W-30	6-Spd (02Q) 2.3 L (2.4 qt.) <u>Oil PN</u> G 052 171 A2*	N/A	N/A	5.6 L (5.9 qt.)***	0.7 – 0.9 L (0.7 – 1.0 qt) (approximately) <u>Fluid PN</u> G 002 000*	1.0 L (1.1qt.) (approximately) <u>VW Brake Fluid</u> <u>Specification:</u> Use new fluid only. VW 501 14 or FMVSS 116 DOT 4	Refrigerant Use only R134a <u>Refrig. Capacity</u> 525 ± 25 grams (18.5 + 0.8 oz) <u>Refrigerant Oil</u> Use a PAG oil	3.6 – 4.5 L (3.8 – 4.7 qt.) <u>Fluid PN</u> G 052 164*
FWD Auto (5C719M) (5C729M) (5C739M)		N/A	6-Spd DSG® (02E) <u>New Fill:</u> 6.9 - 7.2 L (7.3 - 7.6 qt.) <u>Change:</u> 5.2L (5.5 qt.) <u>Oil PN</u> G 052 182 A2*	Capacity included with transmission			<u>Fluid PN</u> B 000 750*	with R134a Oil PN & Capacity Sanden Cmpr: G 052 154 A2* 110±10 cc (3.7±0.3 fl.oz) Denso Cmpr: G 052 300 A2* 90±10 cc (3.0±0.3 fl.oz)	

\* Oil and fluid part numbers are for reference only. Always check with your Parts Department for the latest part information.

\*\* Refer to 2012855 for engine oils that meet standard VW 502 00.

\*\*\* VW Coolant Additive Specification and Part Number: (color is pink) G 13 (TL-VW 774 J) PN- G 012 A8J.





Vehicle Sales Code)	Engine Oil approx. qty. w/filter change	Manual Trans	Auto Trans	Rear Final Drive	Cooling System	Power Steering	Brake System	A/C System	Windshield Fluid
New Beetle	1.8L 170 hp	5-Spd	N/A	N/A	8.0 L (8.5 qt.)***	0.7 – 0.9 L	1.0 L (1.1qt.)		3.6 – 4.5 L
FWD	(CPKA/CPRA)	<b>(0A4)</b> 1.9 L (2.0 qt.)				(0.7 – 1.0 qt)	(approximately)	Refrigerant	(3.8 – 4.7 qt.
Manual	5.5 L (5.7 qt.)					(approximately)		Use only R134a	
(	VW Oil Spec:	<u>Oil PN</u> G 052 512 A2*							Fluid PN
(5C11R1)	VW 502 00**	G 052 512 A2				Fluid PN	VW Brake Fluid	Refrig. Capacity	G 052 164*
(5C12R1) (5C13R1)	Use synthetic oil					G 002 000*	Specification:	525 $\pm$ 25 grams	
(5C13R1) (5C11Q1)	SAE 5W-40, SAE 5W-30						Use new fluid only.	(18.5 + 0.8 oz)	
(5C12Q1)	CAL ON OO						VW 501 14 or		
(5C13Q1)							FMVSS 116 DOT 4	Defeiserent Oil	
								Refrigerant Oil Use a PAG oil	
New Beetle		N/A	6-Spd DSG®	Capacity				with R134a	
FWD			(02E)	included with			Fluid PN	with IX154a	
Auto			New Fill:	transmission			B 000 750*	Oil PN & Capacity	
(504400)			6.9 - 7.2 L					Sanden Cmpr:	
(5C11R3) (5C12R3)			(7.3 – 7.6 qt.)						
(5C12R3)			Change:					G 052 154 A2*	
(5C11Q3)			5.2L (5.5 qt.)					110 ± 10 cc	
(5C12Q3)			- ( 1.)					(3.7 ± 0.3 fl.oz)	
(5C1333)			<b>Change</b>						
× ,			Mechatronic:					Denso Cmpr:	
			3.0-4.0 L						
			(3.1-4.2 qt.)					G 052 300 A2*	
			<u>Oil PN</u>					$90 \pm 10 \text{ cc}$	
			G 052 182 A2*					$(3.0 \pm 0.3 \text{ fl.oz})$	

\*\*\* VW Coolant Additive Specification and Part Number: (color is pink) G 13 (TL-VW 774 J). Dilute with Distilled Water.





Vehicle (Sales Code)	Engine Oil approx. qty. w/filter change	Manual Trans	Auto Trans	Rear Final Drive	Cooling System	Power Steering	Brake System	A/C System	Windshield Fluid
New Beetle	2.5 L 170hp	5-Spd	N/A	N/A	9.0 L (9.5 qt.)***	0.7 – 0.9 L	1.0 L (1.1qt)		3.6 – 4.5 L
FWD Manual	(CBTA/CBUA)	(0A4)				(0.7 – 1.0 qt.) (approximately)	(approximately)	Refrigerant Use only R134a	(3.8 – 4.7 qt.
Martuar		1.8 L (2.0 qt.)				(approximately)		03e only 10104a	Fluid PN
(5C11S1)		1.0 2 (2.0 q)				Fluid PN	VW Brake Fluid	Refrig. Capacity	G 052 164*
(5C12S1)	6.0L (6.3 qt.)	<u>Oil PN</u>				G 002 000*	Specification:	525 ± 25 grams	
(5C13S1)		G 070 726 A2*						(18.5 + 0.8 oz)	
(5C11Z1)	VW Oil Spec:						Use new fluid only.	( ,	
(5C12Z1)	VW 502 00** Use synthetic oil						VW 501 14 or		
(5C13Z1)	SAE 5W-40,						FMVSS 116 DOT 4	Refrigerant Oil	
	SAE 5W-30							Use a PAG oil	
							Fluid PN	with R134a	
							B 000 750*	Oil PN & Capacity	
New Beetle		N/A	6-Spd	Capacity				Sanden Cmpr:	
FWD			(09G)	included with					
Auto				transmission				G 052 154 A2*	
			New Fill:					110 ± 10 cc	
(5C11S3)			7.0 L (7.4 qt.)					(3.7 ± 0.3 fl.oz)	
(5C11Z3)			Change						
(5C12S3) (5C12Z3)			<u>Change:</u> 3.0 L (3.2 qt.)					Denso Cmpr:	
(5C1223) (5C13S3)			5.0 L (5.2 ql.)						
(5C13Z3)			Oil PN					G 052 300 A2*	
(001020)			G 055 025 A2*					90 ± 10 cc (3.0 ± 0.3 fl.oz)	
								$(3.0 \pm 0.3  \text{II.0Z})$	

\*\* Refer to 2012855 for engine oils that meet standard VW 502 00.

\*\*\* VW Coolant Additive Specification and Part Number: (color is pink) G 13 (TL-VW 774 J). Dilute with Distilled Water.





Vehicle (Sales Code)	Engine Oil approx. qty. w/filter change	Manual Trans	Auto Trans	Rear Final Drive	Cooling System	Power Steering	Brake System	A/C System	Windshield Fluid
New Beetle FWD Manual (5C14N2) (5C15M2) (5C15M2) (5C16N2) (5C16N2) (5C16M2) New Beetle FWD Auto (5C14N3) (5C15M3) (5C15M3) (5C15M3) (5C16M3) (5C16M3)	2.0T 210hp (CPLA/CPPA) 5.5 L (5.8 qt) <u>VW 0il Spec:</u> VW 502 00** Use synthetic oil SAE 5W-40, SAE 5W-30	6-Spd (02Q) 2.3 L (2.4 qt.) <u>Oil PN</u> G 052 171 A2* N/A	N/A 6-Spd DSG® (02E) <u>New Fill:</u> 6.9 - 7.2 L (7.3 - 7.6 qt.) <u>Change</u> 5.2L (5.5 qt.) <u>Change</u> <u>Mechatronic:</u> 3.0-4.0 L (3.1-4.2 qt.) <u>Oil PN</u> G 052 182 A2*	N/A Capacity included with transmission	8.0 L (8.5 qt.)***	0.7 – 0.9 L (0.7 – 1.0 qt) (approximately) <u>Fluid PN</u> G 002 000*	1.0 L (1.1qt.) (approximately) <u>VW Brake Fluid</u> <u>Specification:</u> Use new fluid only. VW 501 14 or FMVSS 116 DOT 4 <u>Fluid PN</u> B 000 750*	Refrigerant Use only R134aRefrige Capacity 525 $\pm$ 25 grams (18.5 $\pm$ 0.8 oz)Refrigerant Oil Use a PAG oil with R134aOil PN & Capacity Sanden Cmpr:G 052 154 A2* 110 $\pm$ 10 cc (3.7 $\pm$ 0.3 fl.oz)Denso Cmpr:G 052 300 A2* 90 $\pm$ 10 cc (3.0 $\pm$ 0.3 fl.oz)	3.6 – 4.5 L (3.8 – 4.7 qt.) <u>Fluid PN</u> G 052 164*

\* Oil and fluid part numbers are for reference only. Always check with your Parts Department for the latest part information.

\*\* Refer to 2012855 for engine oils that meet standard VW 502 00.

\*\*\* VW Coolant Additive Specification and Part Number: (color is pink) G 13 (TL-VW 774 J). Dilute with Distilled Water.





Vehicle (Sales Code)	Engine Oil approx. qty. w/filter change	Manual Trans	Auto Trans	Rear Final Drive	Cooling System	Power Steering	Brake System	A/C System	Windshield Fluid
New Beetle	2.0 TDI 140hp	6-Spd	N/A	N/A	5.6 L (5.9 qt.)***	0.7 – 0.9 L	1.0 L (1.1qt.)		3.6 – 4.5 L
FWD Manual	(CJAA, CVCA)	(02Q)				(0.7 – 1.0 qt) (approximately)	(approximately)	<u>Refrigerant</u> Use only R134a	(3.8 – 4.7 qt
Manual		2.3 L (2.4 qt.)				(approximately)			Fluid PN
(5C119L)		( I)				Fluid PN	VW Brake Fluid	Refrig. Capacity	G 052 164'
(5C139L)	4.3 L (4.5 qt)	<u>Oil PN</u>				G 002 000*	Specification:	525 ± 25 grams	
		G 052 171 A2*		<b>a</b> 11				(18.5 + 0.8 oz)	
New Beetle	VW Oil Spec: VW 507 00**	N/A	6-Spd DSG®	Capacity			Use new fluid only. VW 501 14 or		
FWD Auto	Use synthetic oil		(02E)	included with transmission			FMVSS 116 DOT 4	D. ( )	
71010	SAE 5W-30		New Fill:	transmission				<u>Refrigerant Oil</u> Use a PAG oil	
(5C119M)			6.9 - 7.2 L					with R134a	
(5C139M)			(7.3 – 7.6 qt.)				Fluid PN		
			Change:				B 000 750*	Oil PN & Capacity	
			5.2L (5.5 qt.)					Sanden Cmpr:	
			<u>Olympica</u>					G 052 154 A2*	
			<u>Change</u> Mechatronic:					110± 10 cc	
			3.0-4.0 L					(3.7±0.3 fl.oz)	
			(3.1-4.2 qt.)					Denso Cmpr:	
								<u>Dence empi.</u>	
			<u>Oil PN</u>					G 052 300 A2*	
			G 052 182 A2*					90± 10 cc	
			0 002 102712					(3.0±0.3 fl.oz)	

\*\* Refer to 2012855 for engine oils that meet standard VW 502 00.

\*\*\* VW Coolant Additive Specification and Part Number: (color is pink) G 13 (TL-VW 774 J). Dilute with Distilled Water.





(Sales Code)	Engine Oil approx. qty. w/filter change	Manual Trans	Auto Trans	Rear Final Drive	Cooling System	Power Steering	Brake System	A/C System	Windshield Fluid
FWD Auto (5C71R3) (5C72R3) (5C73R3) (5C71Q3) (5C72Q3) (5C73Q3)	1.8L 170 hp (CPKA/CPRA) 5.5 L (5.7 qt.) <u>VW 0il Spec:</u> VW 502 00** Use synthetic oil SAE 5W-40, SAE 5W-30	N/A	6-Spd (09G) <u>New Fill:</u> 7.0 L (7.4 qt.) <u>Change:</u> 3.0 L (3.2 qt.) <u>Oil PN</u> G 055 025 A2*	Capacity included with transmission	9.0 L (9.5 qt.)***	0.7 – 0.9 L (0.7 – 1.0 qt.) (approximately) <u>Fluid PN</u> G 002 000*	1.0 L (1.1qt) (approximately) <u>VW Brake Fluid</u> <u>Specification:</u> Use new fluid only. VW 501 14 or FMVSS 116 DOT 4 <u>Fluid PN</u> B 000 750*	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	3.6 – 4.5 L (3.8 – 4.7 qt. <u>Fluid PN</u> G 052 164*





Vehicle (Sales Code)	Engine Oil approx. qty. w/filter change	Manual Trans	Auto Trans	Rear Final Drive	Cooling System	Power Steering	Brake System	A/C System	Windshield Fluid
FWD Auto	2.5 L 170 hp (CBTA/CBUA)	N/A	6-Spd (09G)	Capacity included with	9.0 L (9.5 qt.)***	0.7 – 0.9 L (0.7 – 1.0 qt.)	1.0 L (1.1qt) (approximately)	Refrigerant	3.6 – 4.5 L (3.8 – 4.7 qt.)
(5C71S3)			New Fill:	transmission		(approximately)		Use only R134a	Fluid PN
(5C71Z3)			7.0 L (7.4 qt.)			Fluid PN	VW Brake Fluid	Refrig. Capacity	G 052 164*
(5C72S3)	6.0L (6.3 qt.)					G 002 000*	Specification:	525 ± 25 grams	
(5C72Z3)			Change:					(18.5 + 0.8 oz)	
(5C73S3)	VW 0il Spec: VW 502 00**		3.0 L (3.2 qt.)				Use new fluid only.	(,	
(5C73Z3)	Use synthetic oil		Oil PN				VW 501 14 or FMVSS 116 DOT 4		
	SAE 5W-40,		G 055 025 A2*					Refrigerant Oil	
	SAE 5W-30							Use a PAG oil with R134a	
							Fluid PN	with IXT34a	
							B 000 750*	Oil PN & Capacity	
								Sanden Cmpr:	
								G 052 154 A2*	
								110 ± 10 cc	
								(3.7 ± 0.3 fl.oz)	
								Denso Cmpr:	
								G 052 300 A2*	
								90 ± 10 cc	
								(3.0 ± 0.3 fl.oz)	

\*\*\* VW Coolant Additive Specification and Part Number: (color is pink) G 13 (TL-VW 774 J). Dilute with Distilled Water.





Vehicle (Sales Code)	Engine Oil approx. qty. w/filter change	Manual Trans	Auto Trans	Rear Final Drive	Cooling System	Power Steering	Brake System	A/C System	Windshield Fluid
	2.0T 210 hp	6-Spd	N/A	N/A	10.0 L	0.7 – 0.9 L	1.0 L (1.1qt.)		3.6 – 4.5 L
FWD	(CPLA/CPPA)	(02Q)			(10.5 qt.)***	(0.7 – 1.0 qt)	(approximately)	Refrigerant	(3.8 – 4.7 qt.
Manual						(approximately)		Use only R134a	
		2.3 L (2.4 qt.)							<u>Fluid PN</u>
(5C74N2)						Fluid PN	VW Brake Fluid	Refrig. Capacity	G 052 164*
(5C74M2)	5.5 L (5.8 qt)	<u>Oil PN</u>				G 002 000*	Specification:	525 <b>±</b> 25 grams	
(5C75N2)		G 052 171 A2*						(18.5 + 0.8 oz)	
(5C75M2)	VW 0il Spec: VW 502 00**						Use new fluid only.		
(5C76N2) (5C76M2)	Use synthetic oil						VW 501 14 or FMVSS 116 DOT 4		
(50761012)	SAE 5W-40,							Refrigerant Oil	
	SAE 5W-30	N/A	6-Spd DSG®	Capacity				Use a PAG oil	
FWD		N/A	(02E)	included with			Fluid PN	with R134a	
Auto			(02L)	transmission			B 000 750*		
Auto			New Fill:	transmission			2 000 . 00	Oil PN & Capacity	
(5C75N3)			6.9 - 7.2 L					Sanden Cmpr:	
(5C75M3)			(7.3 – 7.6 qt.)					G 052 154 A2*	
(5C76N3)			Change:					110 ± 10 cc	
(5C76M3)			5.2L (5.5 qt.)					$(3.7 \pm 0.3 \text{ fl.oz})$	
								(0.1 2 0.0 1.02)	
			<u>Change</u>					Denso Cmpr:	
			Mechatronic:					<u>.</u>	
			3.0-4.0 L					G 052 300 A2*	
			(3.1-4.2 qt.)					90 ± 10 cc	
			Oil PN					(3.0 ± 0.3 fl.oz)	
			G 052 182 A2*						

\*\*\* VW Coolant Additive Specification and Part Number: (color is pink) G 13 (TL-VW 774 J). Dilute with Distilled Water.





Vehicle (Sales Code)	Engine Oil approx. qty. w/filter change	Manual Trans	Auto Trans	Rear Final Drive	Cooling System	Power Steering	Brake System	A/C System	Windshield Fluid
FWD Manual (5C719L) (5C739L)	2.0 TDI 140 hp (CJAA, CVCA) 4.3 L (4.5 qt) <u>VW 0il Spec:</u> VW 507 00** Use synthetic oil	6-Spd (02Q) 2.3 L (2.4 qt.) <u>Oil PN</u> G 052 171 A2*	N/A	N/A	5.6 L (5.9 qt.)***	0.7 – 0.9 L (0.7 – 1.0 qt) (approximately) <u>Fluid PN</u> G 002 000*	1.0 L (1.1qt.) (approximately) <u>VW Brake Fluid</u> <u>Specification:</u> Use new fluid only. VW 501 14 or FMVSS 116 DOT 4	Refrigerant Use only R134a Refrig. Capacity 525 ± 25 grams (18.5 + 0.8 oz) Refrigerant Oil Use a PAG oil	3.6 – 4.5 L (3.8 – 4.7 qt.) <u>Fluid PN</u> G 052 164*
FWD Auto (5C719M) (5C739M)	SAE 5W-30	N/A	6-Spd DSG® (02E) <u>New Fill:</u> 6.9 - 7.2 L (7.3 - 7.6 qt.) <u>Change</u> 5.2L (5.5 qt.) <u>Change</u> <u>Mechatronic:</u> 3.0-4.0 L (3.1-4.2 qt.) <u>Oil PN</u> G 052 182 A2*	Capacity included with transmission			<u>Fluid PN</u> B 000 750*	with R134a <b>Oil PN &amp;</b> <b>Capacity</b> Sanden Cmpr: G 052 154 A2* 110± 10 cc (3.7±0.3 fl.oz) Denso Cmpr: G 052 300 A2* 90± 10 cc (3.0±0.3 fl.oz)	

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# **Tech Tips**



Date: July 27, 2012

Das Auto.

2012-2014 Beetle, CC, Eos, GTI, Jetta GLI, and Tiguan Equipped with CCTA or CBFA Engines – Oil Leak From Oil Drain Plug Area After Oil Change and/or Drain Plug Replacement

July 26, 2013: Update to Information.

An oil leak from around the oil drain plug noted after oil change, and/or drain plug replacement, may be caused by installation of incorrect drain plug. Correct part number drain plug is based on the oil pan design as shown below. Original drain plug is 18mm hex for both style oil pans.



If the oil pan has a boss use part number: N 908 132 02 Drain plug w/seal





If the oil pan is flat, use drain plug and washer: N 911 679 01 Plug N 013 81 57 Seal



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