



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 Oil Spec:</u> VW 502 00** Use synthetic oil SAE 5W-40, SAE 5W-30	5-Spd (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 Specification:</u> Use new fluid only. VW 501 14 or FMVSS 116 DOT 4 <u>Fluid PN</u> B 000 750*	<u>Refrigerant</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 <u>Oil PN & 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)	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					

For proper fluid level and filling information, see the Repair Manual and/or Maintenance Manual in ElsaWeb.

* 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) G 013A8J



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New Beetle FWD Manual (5C11W2) (5C11Y2) (5C12W2) (5C12Y2) (5C13W2) (5C13Y2)	2.0T 200hp (CCTA/CBFA) 4.6 L (4.9 qt) <u>VW Oil 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*	<u>Refrigerant</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 <u>Oil PN & 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)	3.6 – 4.5 L (3.8 – 4.7 qt.) <u>Fluid PN</u> G 052 164*
New Beetle FWD Auto (5C11W3) (5C11Y3) (5C12W3) (5C12Y3) (5C13W3) (5C13Y3)		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					

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Beetle - 2013 FLUID CAPACITY CHART Update 31 May 2013

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New Beetle FWD Manual (5C11N2) (5C12N2) (5C1RN2) PZEV (5C11M2) (5C12M2) (5C1RM2)	2.0T 210hp (CPLA/CPA) 5.8 L (5.5 qt) VW Oil Spec: VW 502 00** Use synthetic oil SAE 5W-40, SAE 5W-30	6-Spd (02Q) 2.3 L (2.4 qt.) Oil PN 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) Fluid PN G 002 000*	1.0 L (1.1qt.) (approximately) VW Brake Fluid Specification: Use new fluid only. VW 501 14 or FMVSS 116 DOT 4 Fluid PN 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: 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)	3.6 – 4.5 L (3.8 – 4.7 qt.) Fluid PN G 052 164*
			New Beetle FWD Auto (5C11N3) (5C12N3) (5C1RN3) PZEV (5C11M3) (5C12M3) (5C1RM3)	N/A					

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New Beetle FWD Manual (5C119L) (5C129L) (5C139L)	2.0 TDI 140hp (CJAA) 4.3 L (4.5 qt) <u>VW Oil 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 Specification:</u> Use new fluid only. VW 501 14 or FMVSS 116 DOT 4 <u>Fluid PN</u> B 000 750*	<u>Refrigerant</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 <u>Oil PN & 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)	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					

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