



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 purple) G 12 plus-plus (TL-VW 774 G) PN- G 012 A8G.

© 2012 Volkswagen Group of America, Inc. All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Volkswagen Group of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.



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 (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					

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 purple) G 12 plus-plus (TL-VW 774 G) PN- G 012 A8G.



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 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					

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 purple) G 12 plus-plus (TL-VW 774 G) PN- G 012 A8G.

© 2012 Volkswagen Group of America, Inc. All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Volkswagen Group of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.