



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)	(0A4) 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)	0/12 011 00						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)			Change						
× ,			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.

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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*		
New Beetle		N/A	6-Spd	Capacity				Oil PN & Capacity Sanden Cmpr:	
FWD		-	(09G)	included with				Sanden Chipr.	
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)									
(5C12S3)			Change:					Denso Cmpr:	
(5C12Z3)			3.0 L (3.2 qt.)						
(5C13S3)			Oil PN					G 052 300 A2*	
(5C13Z3)			G 055 025 A2*					90 ± 10 cc	
			G 000 020 AZ					(3.0 ± 0.3 fl.oz)	

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

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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.

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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.)				(approximatery)			Fluid PN
(5C119L)		(I)				Fluid PN	VW Brake Fluid	Refrig. Capacity	G 052 164 ³
(5C139L)	4.3 L (4.5 qt)	<u>Oil PN</u>				G 002 000*	Specification:	525 ± 25 grams	
		G 052 171 A2*						(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:	
			01					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	
			0 002 102 112					(3.0±0.3 fl.oz)	

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