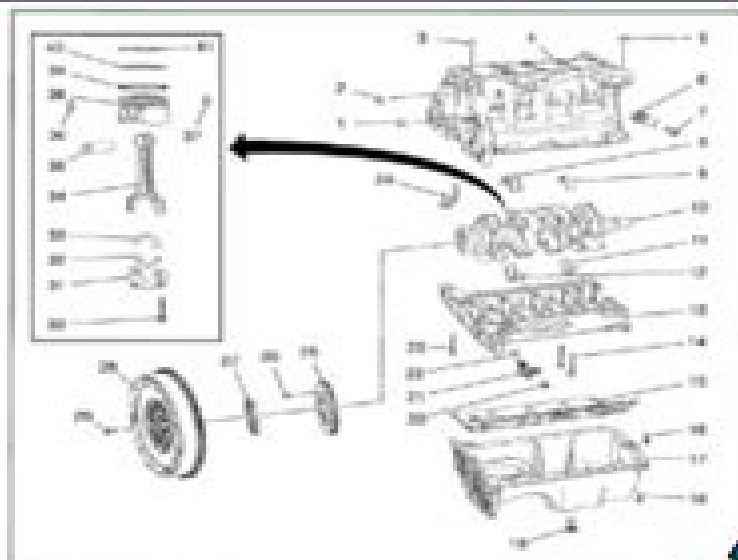
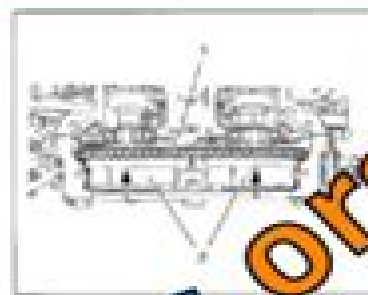


Chevrolet Sonic 2012-2016 Workshop Manual



Legend		200	Oil Pan Gasket Bolt
201	Transmission Guide Sleeve	201	Oil Pan
202	Transmission Guide Sleeve	202	Oil Pan Bolt
203	Cylinder Head Guide Sleeve	203	Oil Pan Drain Plug
204	Cylinder Head	204	Oil Pan Drain Plug
205	Cylinder Head Guide Sleeve	205	Oil Pan Drain Plug
206	Block Sensor	206	Oil Pan Drain Plug
207	Block Sensor Bolt	207	Oil Pan Drain Plug
208	Upper Crankshaft Thrust Bearing	208	Oil Pan Drain Plug
209	Lower Crankshaft Bearing	209	Oil Pan Drain Plug
210	Oil Pan	210	Oil Pan Drain Plug

Engine Support Structure



21. Install the upper timing chain guide (1) and tighten to 8.0 N·m (5.9 ft·lb).



22. Install the camshaft position sensor (2) and tighten to 8.0 N·m (5.9 ft·lb) when 90 degrees.

23. Install the fuel camshaft position sensor. Refer to Camshaft Position Sensor Replacement on page 8-40.

24. Remove the 8M 100-10 pin for easy access to the timing chain.

25. Adjust the camshaft timing chain. Refer to Camshaft Timing Chain Inspection on page 8-40.

26. Connect battery-negative cable. Refer to Battery Negative Cable Disconnection and Connection on page 8-11.

27. Check and adjust the engine oil.

28. Test the vehicle using the following procedure:

42.1. Crank the engine several times. Look for any unusual noises or vibrations that persist and timing.

42.2. Start the engine and listen for unusual noises.

42.3. Check the vehicle on pressure gauge or light and confirm that the engine has sufficient oil pressure.

42.4. Run the engine speed at about 1,000 RPM with the engine idle (no throttle) for 10 seconds.

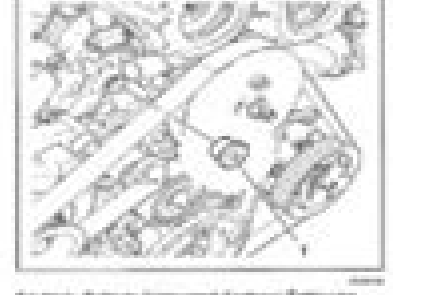
42.5. Check for timing. Refer to other related tests.

42.6. Inspect for fuel, oil and water leaks while



29. Install the upper timing chain guide (1) and tighten to 8.0 N·m (5.9 ft·lb).

30. Install the upper timing chain guide (1) and tighten to 8.0 N·m (5.9 ft·lb).



31. Install the timing chain tensioner plug and tighten to 8.0 N·m (5.9 ft·lb).

32. Install the camshaft position sensor (2) and tighten to 8.0 N·m (5.9 ft·lb) when 90 degrees.

33. Install the fuel camshaft position sensor. Refer to Camshaft Position Sensor Replacement on page 8-40.

34. Remove the 8M 100-10 pin for easy access to the timing chain.

35. Adjust the camshaft timing chain. Refer to Camshaft Timing Chain Inspection on page 8-40.

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Workshop Manual Sonic

Lingsheng Yao



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The Poetry Home Repair Manual Ted Kooser, 2005-01-01 Provides instructions on writing and revising poems

Chilton's Truck and Van Repair Manual 1982-88 Chilton Automotive Books, 1988-03 *Snowmobile Service Manual* Intertec Publishing Corporation. Technical Publications Division, 1979 Clymer Snowmobile Service Manual 11th Edition Penton Staff, 1991-06-01 With the help of the Clymer Snowmobile Service Manual 11th Edition in your toolbox you will be able to maintain service and repair your snowmobile to extend its life for years to come Clymer manuals are very well known for their thorough and comprehensive nature This manual is loaded with step by step procedures along with detailed photography exploded views charts and diagrams to enhance the steps associated with a service or repair task This Clymer manual is organized by subsystem with procedures grouped together for specific topics such as front suspension brake system engine and transmission It includes color wiring diagrams The language used in this Clymer repair manual is targeted toward the novice mechanic but is also very valuable for the experienced mechanic The service manual by Clymer is an authoritative piece of DIY literature and should provide you the confidence you need to get the job done and save money too

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central concepts in computing including algorithm program clone and risk In doing so they demonstrate how the meanings of these terms reflect power relations and social identities The section on Embodiments focuses on sensory aspects of using computers as well as the ways in which gender race and other identities have shaped the opportunities and embodied experiences of computer workers and users Offering a rich and diverse set of studies in new areas the book explores such disparate themes as disability the influence of the punk movement working mothers as technical innovators and gaming behind the Iron Curtain Abstractions and Embodiments reimagines computing history by questioning canonical interpretations foregrounding new actors and contexts and highlighting neglected aspects of computing as an embodied experience It makes the profound case that both technology and the body are culturally shaped and that there can be no clear distinction between social intellectual and technical aspects of computing Contributors Janet Abbate Marc Aidinoff Troy Kaighin Astarte Ekaterina Babinsteva Andr Brock Maarten Bullynck Jiahui Chan Gerardo Con Diaz Liesbeth De Mol Stephanie Dick Kelcey Gibbons Elyse Graham Michael J Halvorson Mar Hicks Scott Kushner Xiaochang Li Zachary Loeb Lisa Nakamura Tiffany Nichols Laine Nooney Elizabeth Petrick Cierra Robson Hallam Stevens Jaroslav velch *PC Mag*, 2002-05-21 PCMag com is a leading authority on technology delivering Labs based independent reviews of the latest products and services Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology *Aviation Structural Mechanic H 1 & C* Naval Education and Training Program Development Center, 1976 **Aircraft Accident Report**, 197? *Popular Mechanics*, 1950-05 Popular Mechanics inspires instructs and influences readers to help them master the modern world Whether it s practical DIY home improvement tips gadgets and digital technology information on the newest cars or the latest breakthroughs in science PM is the ultimate guide to our high tech lifestyle *Books and Pamphlets, Including Serials and Contributions to Periodicals* Library of Congress. Copyright Office, 1974 [Monthly Catalogue, United States Public Documents](#), 1981-07 **Database Administration** Mr. Rohit Manglik, 2024-02-15 EduGorilla Publication is a trusted name in the education sector committed to empowering learners with high quality study materials and resources Specializing in competitive exams and academic support EduGorilla provides comprehensive and well structured content tailored to meet the needs of students across various streams and levels

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