

ChiltonLibrary: The turbocharged version of the auto-repair classic

According to NPD's 2011 Aftermarket Outlook Survey, 52% of consumers intend to keep their car 5 years or more, and even consumers with vehicles 10 years old or more will keep their cars another 5 years, on average. ...To keep their vehicles on the road, the majority of consumers are expecting repairs or maintenance work in 2011.

— MARKETING FORECAST (MARCH 16, 2011)

More older cars are on the road — which means more cars require a little (or a lot of) TLC. And in a tight economy, more people are taking wrench in hand to save money on repairs.

Imagine the benefits you can deliver with the most trusted name in car care — Chilton's — in digital format.

ROAD-READY PERFORMANCE

Only Gale, part of Cengage Learning, offers *ChiltonLibrary*. This comprehensive and dynamically updated online resource is an ideal fit for today's mobile user.

Now patrons can access Chilton's car manuals from library, home, garage or anywhere they have Internet access — including smartphones and tablets — when they "favorite" your library via the *AccessMyLibrary* free app. What an advantage for the on-the-road breakdown or the need to share information quickly.

DEPENDABLE STANDARD FEATURES

- Step-by-step instructions that provide a one-stop source for answers
- Videos and animations that show how to complete repairs
- Close-up photos and images to enhance understanding of the text
- Wiring diagrams to help explain system operation
- Troubleshooting and diagnostic information that help pinpoint searches
- Maintenance and specification tables that highlight key information

HOME PAGE

CENGAGE Learning

CHILTON[®] LIBRARY.COM
Where smart enthusiasts click for service information.

Vehicle Selector

Select a Year:
(select) [v]

Select a Make:
(select a make) [v]

Select a Model:
(select a model) [v]

GO!

Select Your Vehicle:

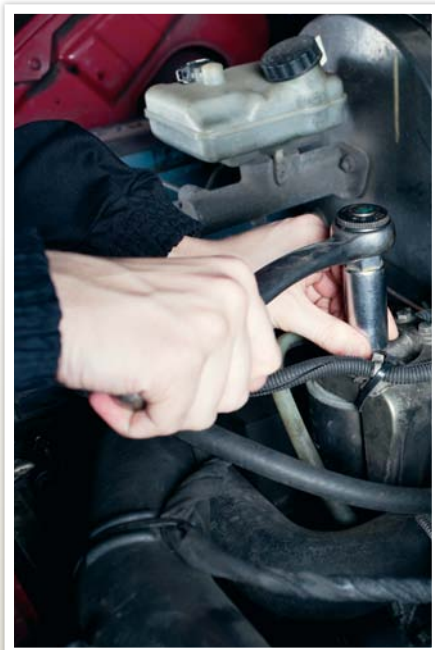
Use the menus at left to select a vehicle.

Automotive Repair Information for Do-it-Yourself (DIY) People

You learn by doing, are unafraid of challenges, and feel proud when completing a job well done. Chilton has been helping people like you maintain cars and trucks for more than 80 years. We know how to help you succeed.

The Content and Coverage You Need—All in One Location

ChiltonLibrary provides exclusive photographs, diagnostics designed by instructors, step-by-step repair procedures, Original Equipment Manufacturer (OEM) maintenance schedules, wiring diagrams, recalls and Technical Service Bulletins (TSBs) for automobiles and light trucks in one easy-to-use web site. Since this library subscribes to ChiltonLibrary, you are now equipped with decades of data to maintain your vehicle. Just begin by choosing a vehicle at the left and a subject above.



A POWERFUL ENGINE

ChiltonLibrary's dynamic search engine helps users find specific procedures quickly. The powerful platform delivers many other benefits, too:

- Domestic and import vehicle information through the current model year — updated monthly
- Individual tabs for repair, maintenance and recall information
- Improved search functionality, including keyword searches and nested tree menus
- An expanded drop-down menu that includes “trouble codes” — helping users identify what their car's computers are telling them

TAKE A TEST-DRIVE

- Contact your Gale Representative or www.gale.com/ChiltonLibrary
- Start a free trial right now at www.galetrials.com
- Professional technicians looking for comprehensive repair information systems online can visit www.chiltonpro.com
- Find details on the *AccessMyLibrary* free app at www.gale.com/AccessMyLibrary

REMOVAL & INSTALLATION

CHILTONLIBRARY
Where smart enthusiasts click for service information.

Your Current Vehicle: 2004 Suzuki Forenza

Search | Print Content >>

PATH: Engine Performance & Emission Controls > Components & Systems > Intake Air Temperature Sensor > Removal & Installation

Removal & Installation

1. Disconnect the negative battery cable.
2. Disconnect the Intake Air Temperature (IAT) sensor connector.

Disconnect the IAT sensor connector

3. Remove the IAT sensor by pulling it out of the air intake tube.

To install:

1. Install the IAT sensor into the air intake tube.
2. Connect the IAT connector.
3. Connect the negative battery cable.

MAINTENANCE SCHEDULE

Saturn Maintenance Schedule I

Follow Schedule I if the car is usually operated under one or more of the following conditions:

- Most trips are less than 5 miles (8 km).
- It's below freezing outside, day and night.
- It's very humid outside.
- Your engine is often idling or running at low speed, as in heavy traffic.
- You're towing a trailer.
- You drive in dusty places.
- Your Saturn is used for delivery service, police, taxi or other commercial purposes.

Directions:

- Record maintenance date in top box.
- Check off service performed in corresponding box.
- Grey boxes mean that no service is needed at that mileage interval.

	Date																				
	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	
Miles x 1000 (Kilometers x 1000)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	
1. Change engine oil and filter. * Every 3 mos. or 3,000 mi. (5,000 km).																					
2. Inspect axle boots, suspension bushings and ball joint seals. Every 6 mos. or 6,000 mi. (10,000 km).																					
3. Inspect exhaust system and shields. Every 6 mos. or 6,000 mi. (10,000 km).																					
4. Inspect and rotate tires and wheels. At 6,000 mi. (10,000 km) and then every 12,000 mi. (20,000 km).																					
5. Service manual transaxle, change fluid. At 6,000 mi. (10,000 km) only.																					
6. Service automatic transaxle, change fluid. Every 30,000 mi. (50,000 km).																					
7. Change automatic transaxle pressure filter. At 30,000 mi. (50,000 km) and then every 60,000 mi. (100,000 km).																					
8. Replace spark plugs. * Every 30,000 mi. (50,000 km).																					
9. Inspect vacuum line/hose. * # Every 24 mos. or 30,000 mi. (50,000 km).																					
10. Inspect fuel tank, cap, and pipe/hoses. * #																					