

Sonic Ecotec Offered in Automatic

DETROIT – The Chevrolet Sonic's fuel-efficient Ecotec 1.4L turbo engine will now be available in either manual or automatic transmission, bringing the increased torque of turbocharging to drivers of automatics.

"Providing the option of a turbocharged engine to our non-stick-driving Chevy customers allows us to offer everyone the thrill and power of a fuel-efficient Ecotec 1.4L powerplant," said Jim Danahy, vehicle line director and vehicle chief engineer for North American small cars.

"Both in the Sonic and Cruze, the engine enables better fuel economy without sacrificing power or performance. It's really a winning combination."

Sonic's Ecotec 1.4L turbocharged engine and six-speed manual transmission achieved a 0-to-60 mph time of 7.8 seconds, according to independent AMCI testing – faster than the comparable 2012 Ford Fiesta, Honda Fit and Hyundai Accent. The Sonic with the turbo-automatic combination went from 0 to 60 in about eight seconds.

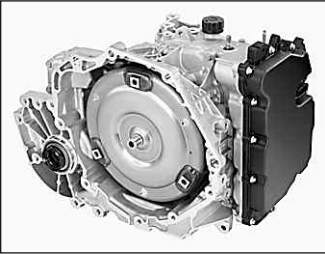
"Traditionally, turbocharging was used to enhance the performance of engines, but today it is as much about fuel economy as a 0-to-60 time," said Bob Benedict, assistant chief engineer for the Ecotec 1.4L engine.

"The turbocharger provides high-pressure airflow for high torque to boost the vehicle and give the driver a fun driving experience with improved fuel efficiency."

The 2012 Chevy Sonic



The Ecotec 1.4L four-cylinder engine for Sonic integrates features for both performance and fuel economy. Features include turbocharging with intercooling, variable displacement oil pump, electronically controlled thermostat and continuously variable valve timing for both intake and exhaust valves.



The Hydra-Matic 6T40 automatic transmission is part of GM's family of advanced fuel-saving six-speed automatic transmissions. The 6T40's wide overall gear ratio spread provides everything from first gear acceleration to fifth and sixth gear overdrive gears for improved highway fuel economy.

Ecotec 1.4L turbo six-speed automatic delivers an EPA-estimated 37 mpg highway and an EPA-estimated 27 mpg in the city, while the manual gets 40 mpg on the highway and 29 in the city.

MIS Invites Fans to Drive Their Cars on the Track

BROOKLYN, Mich. – Michigan International Speedway annually plays host to some of the best race car drivers in the world, and now you can experience it for yourself.

Track Laps at MIS return in 2012 where fans will have the chance to drive on the two-mile racetrack. The speedway team is also adding opportunities for guests to get behind-the-scenes tours of the speedway with two tour options.

On four select Fridays in June and July, fans will have an opportunity to drive their personal cars on the track.

Laps will take place from 1 to 4 p.m. on June 22, July 13, July 20 and July 27.

Reservations for Track Laps can be made by calling

800-354-1010 (no online purchases are available). Once a phone order has been placed, a ticket will be mailed to the guest in advance of their selected day.

All guests must enter and present their ticket at the tunnel entrance to the track off of Brooklyn Highway.

Track laps are \$25 for each three-lap segment on the historic Michigan International Speedway. Participants will have the opportunity to drive on the track at a maximum speed of 70 mph led by the MIS Ford Mustang pace car.

"When I talk to fans on race weekend they all want to be like their favorite drivers and test their skills on the track," President Roger Curtis said.

"The last two years we have

had an unbelievable turnout for Track Laps and we expect nothing less in 2012. It is always fun to see people nervous when they first get on the track, but by the end of the three laps they cannot stop smiling."

The Track Laps are limited to passenger vehicles only, no motorcycles. No passing of other vehicles will be allowed at any time. The driver of the vehicle must be 18 years of age and all participants will need to sign a waiver before driving on the track. Seatbelts and headlights must be on at all times.

Laps will take place rain or shine. In the case of a date cancellation due to extreme weather or safety conditions, MIS will contact all guests in

advance of their visit. In addition, MIS is offering tours to all guests to get a behind-the-scenes view of the racing facility.

The MIS VIP Tour (\$40 per person) will last two hours and allows fans to exit the Tram to get up-close photos of all the areas. Upon arriving, fans will board a tram for one full lap around the oval before visiting the suites for food and drinks. Also included on the tour are visits to the Media Center, Tower Suites and the campgrounds.

The Discover MIS Tour (\$5 per person) will last 30 minutes and will be guided by an MIS staff member. The tour takes fans on one trip around the oval before moving to the road course.

GM Opens Its First Climate Wind Tunnel in China

SHANGHAI – GM's long-term automotive investment in China continues apace.

That notion comes with the news that the first climate wind tunnel operated by a Chinese joint venture automotive partner opened last week at the Pan Asia Technical Automotive Center (PATAC), GM's automotive engineering and design joint venture with SAIC in Shanghai.

The facility will support the development of conventional and new energy vehicles by PATAC and Shanghai GM.

The facility covers an area of about 3,400 square meters and represents an investment of nearly \$28.5 million

It features advanced technologies and equipment, including the test cabin, wind turbines, cooling/heating systems, chassis dynamometers, a sunshine/rain/snow simulation system, a data acquisition system and a sophisticated road simulation rotating hub system.

It features several industry firsts in China:

- It is the first climate wind tunnel in China that can provide rain and snow simulations.
- It has a wind-speed deviation of less than 1 percent and a maximum wind speed of 155



PATAC engineers conduct winter testing on a Buick LaCrosse at the PATAC Climate Wind Tunnel in Shanghai, China.

mph per hour.

- It has the widest temperature simulation range of -40 degrees to 60 degrees Celsius (140 degrees Fahrenheit), the fastest temperature conversion rate of 0.6 degrees Celsius per minute and the largest humidity simulation range of 5 percent to 95 percent.

• It has the most technologically advanced, controllable full-spectrum sunshine simulation system, according to GM officials, with sunshine intensi-

ty of 1,200 watts per square meter, similar to some of the harshest warm-weather climates like the Gobi desert.

The climate wind tunnel can simulate a range of weather and road conditions for the development of products for different countries and regions.

The facility can also simulate extreme weather conditions for on-site road tests. Breaking seasonal and regional restrictions, it can replace around 80 percent of climate road tests, improve the efficiency of vehicle development and speed the development process, officials say.

Users can precisely adjust the automatic air-conditioning controls for the development of comfortable vehicles and the integration of vehicle climate systems.

The tunnel is equipped to test New Energy Vehicles – including full electric and hybrid models – to optimize electric range performance, which is highly dependent on the efficient integration of passenger HVAC and propulsion cooling

systems. The climate wind tunnel is a key tool to helping improve the fuel efficiency of conventional vehicles and the range performance of New Energy Vehicles.

The new facility is environmentally friendly. It has about 17,657 cubic feet of insulating materials to minimize heat loss. In addition, paint and materials used in its construction are not harmful to the environment, and its wind turbines and refrigeration facilities are laid out to reduce oscillation and noise.

PATAC is a 50-50 joint venture between GM and SAIC. It provides automotive engineering services, including design, development, testing and validation of components and vehicles. It is one of GM's six global research and development centers.

Among PATAC's achievements are the development of the Chevrolet New Sail and Buick GL8 luxury MPV, and the reengineering of the Buick LaCrosse, Cadillac SLS and other products for Shanghai GM.

GRIME'S BARBER SHOP

MON. - FRI. OPEN 7:00 A.M. - 6:00 P.M.
SATURDAY OPEN 7:00 A.M. - 5:00 P.M.

\$8.00

5966 CHICAGO RD. (AT MOUND) • 586-979-4130

INDEPENDENCE AUTO REPAIR

Full Service American Owned & Operated
★ We Have Tires ★ We do all factory scheduled maintenance!

OPEN:
Mon-Fri 7:30 am-6pm
Sat. 8am-3pm

FREE Shuttle Service within a 10 mile radius
FREE Courtesy Check on any vehicle
FREE Coffee to everyone

Certified Technicians

28775 Van Dyke • Warren
12 & Van Dyke
586-751-4440

15075 32 Mile Rd. • Romeo
Corner of 32 Mile & Powell Rd.
586-336-4440

| | | | | |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------|
| Trans. Flush w/ cleaner & additive. Includes 17 qts. transmission fluid. | Full Service Oil, Lube & Filter Change \$17.99 w/ Tire Rotation \$26.99 | Front End Alignment \$39.99 4-Wheel Alignment \$79.99 | Ceramic Brake Special \$99.99 Includes pad installation | 10% OFF Parts to All GM Employees w/ Badge |
| <small>In-store offer good through 4-30-12</small> | <small>In-store offer good through 4-30-12</small> | <small>Camber & Caster Adj. Additional</small> | <small>In-store offer good through 4-30-12</small> | <small>In-store offer good through 4-30-12</small> |

Little People
Day Care Center

INFANT THRU PRE-SCHOOL
NO CHARGE FOR SICK OR VACATION DAYS!*

We Offer:

- World class facilities
- Qualified staff attentive to your child's needs
- Enrichment activities
- Nutritious snacks
- Christian curriculum reinforcing values
- Enclosed playground and inside gym
- Convenient location

Hours: 6:30 am - 6:00 pm
33801 Van Dyke Avenue
Sterling Hgts, MI 48312
(Fourteen Mile and Van Dyke Avenue)
Inside Grace Christian Church
Phone: (586) 258-4390
*with advanced notice

www.LPdaycare.com

10% DISCOUNT to ALL Employees w/ID Badge

Batteries for Everything

BATTERY GIANT

586-838-4555
5755 12 Mile at Mound

H&R Block

Mobile Office on the Go

brings our trusted and professional services to your office

Filing taxes can be stressful. Thanks to our **Mobile Office on the Go** program, H&R Block can make filing taxes easier and more convenient. We'll bring our office to your office! Our **Mobile Office on the Go** is a great opportunity for you to provide a value-added service to your employees, and benefit them by helping them:

- avoid overpayments, tax penalties or interest
- maximize their legal credits and deductions.
- There is no cost to your organization. We will work with you to define a program that works for you and your associates.

H&R BLOCK
NEVER SETTLE FOR LESS™

When would you like to get started? Please call:

Leroy Pletten, Mobile Office on the Go Coordinator
586-943-4491 | leroy.pletten@hrblock.com

The Changing Weather... Means Changing Footwear

- Waterproof & Insulated
- Work & Sport
- Professional Fitting
- Wide Widths In Stock

RED WING SHOES

M-F 10-8; Sat. 10-5; Sun. 12-4

SHELBY TWP.
13889 Hall Rd.
(NE. corner of Schoenherr)
586-566-9600

RED WING SHOE STORE

STERLING HEIGHTS
33289 Mound Rd.
(N. of 14 Mile Rd.)
586-264-4500

WARREN URGENT CARE

8am-10pm • 7 Days a week • 365 Days a Year

"Bringing Quality Urgent Care To Your Neighborhood"

"We Care"

URGENT CARE FOR ACCIDENTS AND INJURY
ADULT & PEDIATRIC ILLNESS

Digital X-Rays, EKG and Lab Work, On-Site Lab Service, Strep, Mono, Pregnancy & Urine Testing, Vaccinations, Sports & School Physicals, Occupational Medicine, Work-Related Injuries, Pre-Hire Physicals (BAT & Urine Screening)

SPECIAL ON SPORTS PHYSICAL \$25.00 State-of-the-Art Facility

586-276-8200

31700 Van Dyke • Warren, MI 48093

On Van Dyke Rd., between 13 & 14 Mile in St. John's Windemere Park

OTHER CONVENIENT LOCATIONS:

Woodland Urgent Care
22541 W. 8 Mile Road
Detroit
313-387-8700

N. East Macomb Urgent Care
43900 Garfield, Suite 121
Clinton Township
586-868-2600

FLU SHOTS

ATTENTION
Chrysler, GM, Ford Employees, we're within 2 miles of your plants

HAP & BCN
NO Referrals Needed!
www.warrenurgentcare.com

HOUGHTON LAKE AREA GETAWAY

SPRINGBROOK INN

HOT TUB, FIREPLACE, KING BED...is awaiting you at the Springbrook Inn. All rooms offer a 6x6 hot tub, fireplace, king size bed, private bathroom & Cable/DVD. A hot breakfast is served to your room & dinner pkgs. avail on some nights (\$139-\$229). The Frog Tiki Bar is open on Thursday, Friday & Saturday (Trivia Thursday every week).

Ask about romantic extras & specials or visit us online at www.springbrookinn.com or call **800/424-0218**.
One mile E. of Houghton Lake on M-55.

Mention this ad and receive 10% off full rate on any reservation June 1-August 30, 2012. All reservations must be made by May 1, 2012 to receive the 10% discount. (excludes current reservations, other offers, specials or gift certificates of any kind). Please read our current policies on our website.

The Collision Shop

We Pay Your Deductible* or Free Loaner*

(Some Restrictions Apply - Call For Details)

Services We Offer:

- Free Estimates
- Theft Recovery
- Unitized Body & Frame Repair
- Saturday Hours
- Lease Turn-Ins
- Insurance Repair Specialists
- Lifetime Warranty

Email: collisionshopwarren@yahoo.com
Website: TheCollisionShopWarren.com

5479 12 Mile Road • Warren (1/2 Mile West of Mound) (586) 806-5076
Hours: Mon.-Fri. 8am-6pm • Sat. 9am-1pm Fax: (586) 806-5078