



Rydell



COLLISION CENTER NEWS

AN AMERICAN REVOLUTION **GMC**

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Rydell COLLISION CENTER'S SUPER-SIZED VEHICLE REPAIR SPECIALTY



Chevy Avalanche hydroformed frame repair requires special knowledge and equipment that is uniquely available at Rydell Collision Center

Truck Trend Magazine has said that the Chevy Avalanche "... has the right combination of attributes -- power, space, towing capacity, and off-road ability -- for people who sometimes want room for six people, but also have towing and cargo-carrying needs."

Another publication called it, "A four-wheeled, 5,645-pound Swiss Army knife."

GM has gone to great lengths to achieve exceptional noise reduction, including a noise-reducing headliner and door seals and a fully boxed, stiff frame that reduces vibrations, while enabling precise mounting and tuning of chassis

and suspension components with coil-over-shock front suspension.

All of this is great for the vehicle owner until an accident occurs. Now it's up to the technicians at a collision center to pull and square that specialized frame into perfect alignment.

Then there is also the autoride suspension system. This segment - exclusive bi-state, real-time damping system provides an extremely refined ride with greatly reduced body motion, but also presents the collision repair specialist with some special repair problems.

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Mr. Goodwrench

Because who knows what's down the road

Rydell COLLISION CENTER'S WATERBORNE PAINT SPECIALTY



Vehicle in Waterborne-modified paint booth

In a production activity, like automobile body repair, the most costly difficulty is having to do a repair job or paint job over again. With the change-over from solvent-based paint to waterborne paint, this difficulty becomes multiplied many times over.

In the painting process, any small flaw — like a poorly filled scratch or dent — when covered over with the base coat of paint, will soon show on the surface — if the finish coat is applied without correcting the underlying problem.

With solvent-based paint, the correction process was fairly simple even though obviously time consuming. The flawed area simply had to be re-prepped and repainted. With water-borne paint, it is no longer possible to just correct a small area. The entire paint job has to be done over! Instead of 30 minutes or an hour of correction time, this could mean four to six hours or more.

Several vehicles with flaws could destroy production efficiencies for an entire week, but not at *Rydell's Collision Center!* The waterborne painting process has been perfected for more than a year!

CORVETTE CORNER

September 14th, in Thousand Oaks, Red Line Corvettes presents it's 15th annual All-Corvette Car show, with more than 100 Corvettes on display.

Several owners are rushing to fix their vehicles in time for the show. **Rydell's** Van Nuys Collision Center is the facility of



AFTER

choice for many of the Red Line club members. **Rydell** Shop manager, Jimmy Bainbridge, is a fellow member of the Redline Corvette Club, and a dedicated 'Vette owner as well the most knowledgeable Corvette collision repair specialist in Southern California. Corvette owners from as far away as Newport Beach come to Jimmy's shop for 100 percent guaranteed repairs.

BEFORE



GM's TOP ECONOMY NEW MODELS

See Page Two

Rydell COLLISION CENTER FACES SPECIAL REPAIR PROBLEMS ON CHEVY AVALANCHE

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Chevy Avalanche LIZ

The front frame section of the Avalanche is designed to optimize crush progression in the event of an accident, resulting in energy absorption efficiency. This is enabled by hydroformed frame rails and especially efficient chassis component packaging which also presents special repair problems.

At *Rydell's Collision Center*, frame technician Tim O'Hara has been repairing continually changing structures since 1982. Tim says welding, sectioning, unibody straightening and more has changed drastically since 1982, but he has continually upgraded his skills with I-Car and GM training. Putting the Avalanche back into perfect alignment is just the kind of challenge Tim enjoys!

THREE OF GM'S ECONOMY STARS



THE CHEVY AVEO5
Standard Engine: 1.6L I4, 16 valve,
103 hp @ 5800 rpm
5 speed manual transmission
24 mpg city / 34 mpg hwy
71 Green Rating
480 Highway miles on one tank of gas.

CHEVY COBALT COUPE XFE

With a solid reputation for building gas-sucking SUVs and pickups, but not much clout in the high-mpg game, Chevy has resorted to certain re-engineering measures to boost the mileage of its Cobalt above that of all the competition.



Available in LS and LT trim levels and in coupe or sedan body styles but only with a manual transmission, the Cobalt XFE uses a revised engine calibration for its 148-hp, 2.2-liter engine; lower-rolling-resistance tires; and a taller, 3.74:1 final drive ratio to achieve an EPA mileage rating of 32 mpg city and 36 highway, significant improvements over the current 2.2-liter Cobalt's mileage

2009 PONTIAC VIBE
The most fuel-efficient 5-Door in its class at EPA-estimated 32 MPG Hwy and 25-30 Mpg city 100-150 hp Base FWD 1.8L I4 Manual Base FWD 2.4L I4 Manual-Auto Base AWD 2.4L I4 Auto GT FWD 2.4L I4 Manual Auto Drivetrain Engine



Customer Comments

"Thank you for your speedy repair of my prized Corvette. Every trace of damage was gone. It was as good as new in every respect."

T.W.—Woodland Hills



"Thanks for going the extra mile to get my Cadillac repaired, refinished and returned to me in record time. I also appreciated the special care you took to get a comparable rental car for me."

C.G.— Encino

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