

Mach 2016

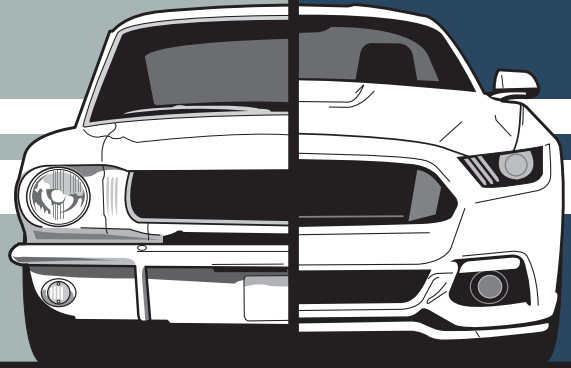
the **pony**



CENTRAL VALLEY MUSTANG CLUB

OFFICIAL MONTHLY PUBLICATION

**PRESS**



***Going Flat Back and***

***Ultra Violet***



***1970 Mustang Milano Concept***



**Car show  
breaks out  
at night!**



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## CLUB INFORMATION



Central Valley Mustang Club, Inc.  
P.O. Box 9864 • Fresno, CA 93794  
Phone: (559) 715-CVMC (2862)  
Website: <http://www.cvmustang.org>

**Club Purpose:** To provide a common meeting ground for Mustang owners and further the enjoyment of ownership; to include workshops, discussions and technical meetings; to promote a more favorable relationship with the general motoring public; to further the preservation and restoration of all Mustangs.

**Who Can Join:** The club is open to all Mustang enthusiasts. Any individual or family can join. Ownership of a Mustang is not essential, but enthusiasm is. CVMC embraces the practice of encouraging diversity within the membership and involvement of the entire family in its membership and at all club events.

**A Family Oriented Organization:** As a part of promoting family involvement in the club, children are allowed and in fact encouraged at all club functions. In deference to this family involvement and the driving of motor vehicles, consumption of alcoholic beverages is discouraged at club events except where the club is staying overnight and there is no potential for any drinking member or guest to get behind the wheel.

**Dues:** For the first year only, \$30 for a one year Active Membership, of which \$5 will be an initiation fee and \$25 for dues. For additional family members, Active Membership dues are \$5 per member. Renewals are due each January. Renewal notices are not sent out.

### CVMC OFFICERS

Mark Gardner • President (808) 721-2075  
Ron Dupras • Vice President 313-9042  
Carol DeLaPena • Secretary 453-0571  
Doug Deffebach • Treasurer 222-9160

### MEMBERS AT LARGE

Becky Bartee 276-7092  
Chris Butterfield 731-6685  
Joseph Colvin 285-7296  
Robert Whitley 877-4948

*Compliments or complaints should be presented to Members At Large.*

### MEMBERSHIP COMMITTEE

Karen Diaz 224-2492

### ACTIVITIES & PUBLICITY COMMITTEE

Laura Gardner 808-469-0515

*Suggestions for activities should be directed to the Activities Committee.*

### CAR SHOW CHAIR

Dennis Harvat 492-1117

### MCA REGIONAL DIRECTOR

Paul Beckley 323-7267

### WEBMASTER

Paul Beckley 323-7267

### NEWSLETTER EDITOR

Garo Chekerdemian 906-7563

### ADVERTISING

*Talk to a Member at Large*

### ADVERTISING RATES:

#### Classified Ads (3 Lines)

CVMC Members	FREE
Non Members per issue	\$3.00
with Photo	\$10.00

#### Business Card Ad

CVMC Members	FREE
Issue	\$5.00
Six Months	\$13.00
One Year	\$25.00

#### Double Business Card Ad (1/4 Page)

Issue	\$7.00
Six Months	\$20.00
Half Page (One Year)	\$70.00
Full Page (One Year)	\$105.00
Half Page / Back Cover / One Year	\$80.00

*The Central Valley Mustang Club accepts paid advertising from legitimate businesses. CVMC does not necessarily endorse or accept responsibility for the quality or integrity of our advertisers' services.*

## GENERAL MEMBERSHIP MEETINGS



Last Thursday of Each Month  
YOSEMITE FALLS RESTAURANT  
4020 N. Cedar Ave • Fresno, CA  
Dinner: 6 PM • Meeting: 7 PM

### PAST PRESIDENTS

Jim Sanborn	2015
Paul Beckley	2012-2014
Allen Rasmussen	2011
Ron Deubner	2010
Jim Sanborn	2009
Wanda Hamshar	2008
Michael Metz	2006-2007
Jim Sanborn	2005
Doug Deffenbach	2003-2004
Christina De La Pena	2001-2002
Jim Sanborn	2000
Jay Sharmer	1999
Brian Massey	1997-1998
Jim Sanborn	1996
Ron Deubner	1995
Paul Beckley	1994
Dave Rose	1993
Paul Beckley	1989-1992

## PRESIDENTIAL RAMBLINGS

One Quarter Down and It's Been Busy!

For those of you who missed it those of us who did go to the MB2 races in Clovis had a blast!

Carroll Bartee took first place barely nudging out Steven Butterfield by .0002 of a second! Congrats to Carroll. Other results will be identified at the meeting but this is certainly a do over later in the year and lunch at Home Town Buffet was great as well. Thanks MAL Becky Bartee for organizing this event.

On March 12th we once again had a great showing at the Blossom Trail Run organized by Brandon with lunch at the Red Caboose in Clovis with a new member joining us from Lemoore, Welcome with me Devin Wilkison and Dani as new members.

Mentioning new members we have sure grown well in the opening months of this year with Vic Wietzel and Jo-El Leder, Ray Lewis, Keith and Dena Byers, John and Denise DiBenetto, Pete and Diane Reyer, Jessie and Adel Mayorga, and Fawzi Khudari joining along with previously mentioned Devin and Dani Wilkison. Please take time to introduce yourself and make them all feel Welcome to our Family!

Not sure how many bunny's were bagged at Brandon's Bunny Shoot on March 26th?

This Saturday Doug is planning our Exeter trip with lunch and of course, as always with Doug, a stop for ICE CREAM. Check your emails for details.

FABULOUS FORDS FOREVER is coming up quickly in April 15-17. Webmaster Paul Beckley has made room reservations for us again at the same hotel as last year, the Fairfield Inn and Suites around the corner from Knott's. Please make sure to email Paul at [beckleyp@gmail.com](mailto:beckleyp@gmail.com) if you are planning on going so we can get your name on the list and the hotel room changed to your name. To be fair to the hotel we must release our room block the 1st of April so please do this asap or sooner. On Saturday we've been able to schedule a private showing for our club at the Day Family Classic Car Museum in Corona about 20 miles east of Knott's from 10-noon.

VP Ron and chair Stacy are doing an unbelievable job on our merchandise this year and it sure is great to see everyone in their new shirts, if you don't have yours yet, it's as easy as logging on to our website [www.cvmustang.org](http://www.cvmustang.org) and ordering. We are planning on having laptops at each meeting to accommodate this activity.

As mentioned last month, Dennis Harvat and his committee are hard at work organizing a car show with details to be announced shortly. Feel free to contact him and let him know how you would like to participate in this event since we'll need everybody's help.

Until next month keep those gas tanks full and the motors running, we have places to go and food to eat and a short time to get there!

**Mark Gardner - President**



## FROM THE EDITOR



This has been one crazy, fast month and busy as all get out but the Fabulous Fords at Knott's Berry Farms is days away and I am pumped! As excited as I am this year (driving a real treat), I'm sad that once again we can't take the Mach down to LA.

Just to many little things to fix with the biggest being the suspension and steering. Sometimes you ARE being taken for a ride! Yes, pretty scary feeling when the steering doesn't quite seem to be responding as quick as your hands are sawing the steering wheel.

I'm exaggerating of course (kind of) but as long as you're doing under 55 mph, you're gold. So with that we'll try again next year.

**Garo Chekerdemian - Editor**



## Recipe of the Month

### Slow Cooker Honey Garlic Meatballs With 5 Ingredient Sauce

Submitted By: *Carla Chekerdeman*



#### Ingredients:

- 1/4 cup brown sugar
- 1/3 cup honey
- 1/2 cup ketchup
- 2 tablespoons soy sauce
- 3 cloves garlic, minced
- 28 ounces fully cooked, frozen meatballs (pork, beef or turkey)

#### Directions:

- 1) In a medium bowl, mix together the brown sugar, honey, ketchup, soy sauce, and garlic.
- 2) Place frozen meatballs in a 4-quart slow cooker and pour the sauce over them. Stir to coat. Cook on low for 4 hours, stirring occasionally.
- 3) Serve as an appetizer, or over rice or noodles as a meal.

## BIRTHDAY Wishes to...

### MARCH

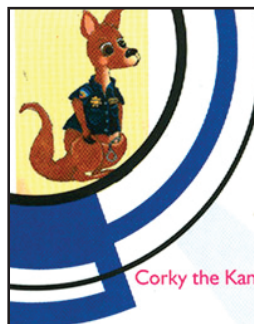
- Mar 6* Bill Jirsa  
*Mar 7* Gary Cook  
*Mar 12* Garo Chekerdeman  
*Mar 15* Andy Bitter  
*Mar 21* Mike Olson  
*Mar 21* Sue Atkisson  
*Mar 23* Rich Atkisson  
*Mar 30* Pete Reyer  
*Mar 31* Joseph Colvin

## Be sure to check out



[www.cvmustang.org](http://www.cvmustang.org)

Events - Calendar - Pics  
Newsletter - Merchandise



### Corky's Cuts 4 Kids

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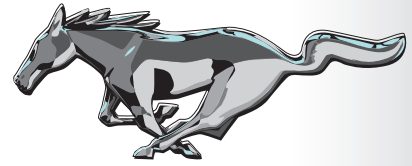
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# Monthly Meeting turns into Show

*On an unusually warmer night, the February meeting turned into a car show. Club member mentioned on Facebook about taking a group shot and BAM!*



*Pics By: Jevon Torres and Mary Kokalis*



# Going Flat Back and Ultra Violet, it's the 1970 Mustang Milano Concept

- 1970 Ford Mustang Milano concept previewed design themes for the upcoming 1971 production Mustang

- Concept took its design inspiration from the grand touring cars that prowl the region around the northern Italian city that gave the car its name



Source: ford.com

In February 1970, Ford kicked off a new decade at the Chicago Auto Show with a wild-looking Mustang concept car that previewed some of the design direction for the upcoming 1971 models. The exceptionally low-slung, two-seat Mustang Milano took inspiration from the grand touring cars that regularly prowled the roads around the northern Italian city that gave the car its name.

From its Ultra Violet paint to the nearly horizontal fastback roof, the 43-inch-tall Milano was the most radical Mustang seen up to that time. In fact, were it not for the galloping pony badges on the grille and front fenders and the Mustang script across the back, one likely would never guess that the concept was derived from a 1970 Mustang SportRoof.

The windshield is sloped back at a 67-degree angle and the electrically-powered rear decklid is nearly horizontal. A trio of NACA-style ducts in the hood force air into the engine while an integrated spoiler at the tail helps keep the rear end planted at higher speeds. The tail features lamps that glow green when the car accelerates, switching to amber when coasting and finally the typical red when the brakes are applied.

Mustang Milano rolled on an early application of cast-aluminum wheels, with a laced design that replicated classic wire wheels with much greater strength. Similar wheel designs became popular on many cars over the next three decades.

The purple theme continues into the cockpit, where the seats are finished in light purple leather with blue-violet cloth inserts. Deep purple mohair carpeting covering the floor just screams 1970.

While some elements of this concept appeared later that year on production Mustangs, the Milano also influenced other Ford cars, like the Australian-market 1974 Falcon XB coupe Americans might recognize as the car driven by the title character in the first two Mad Max films.



# Spied: S550 Mach 1 Mule?

Source: [mustang6g.com](http://mustang6g.com)



Over the last year, we have heard numerous rumblings that the next S550 Mustang performance variant will be the return of the Mach 1, last seen for the 2003-04 (New Edge) Mustang.

For weeks now there has been a S550 Mustang mule seen testing near Ford's facilities in Dearborn, Michigan that had piqued our interest and that of many Mustang6G members.

We finally caught up to it for a clearer look of what could be one of the first sightings of a mule for the 2017/2018 Mach 1 Mustang.

Hiding in plain sight in a Euro-spec Mustang GT body, this powertrain mule shows quad-tipped exhaust and has a beefier rear axle, according to sources. A U.S. spec version of this mule has also been seen testing in the area.

As this is just a test mule, we will have to wait until a camouflaged prototype appears to discover other clues about the engineering and cosmetic changes we can expect to see from this upcoming special edition Mustang.

## Ford Mustang joins the grid of Monopoly Empire tokens

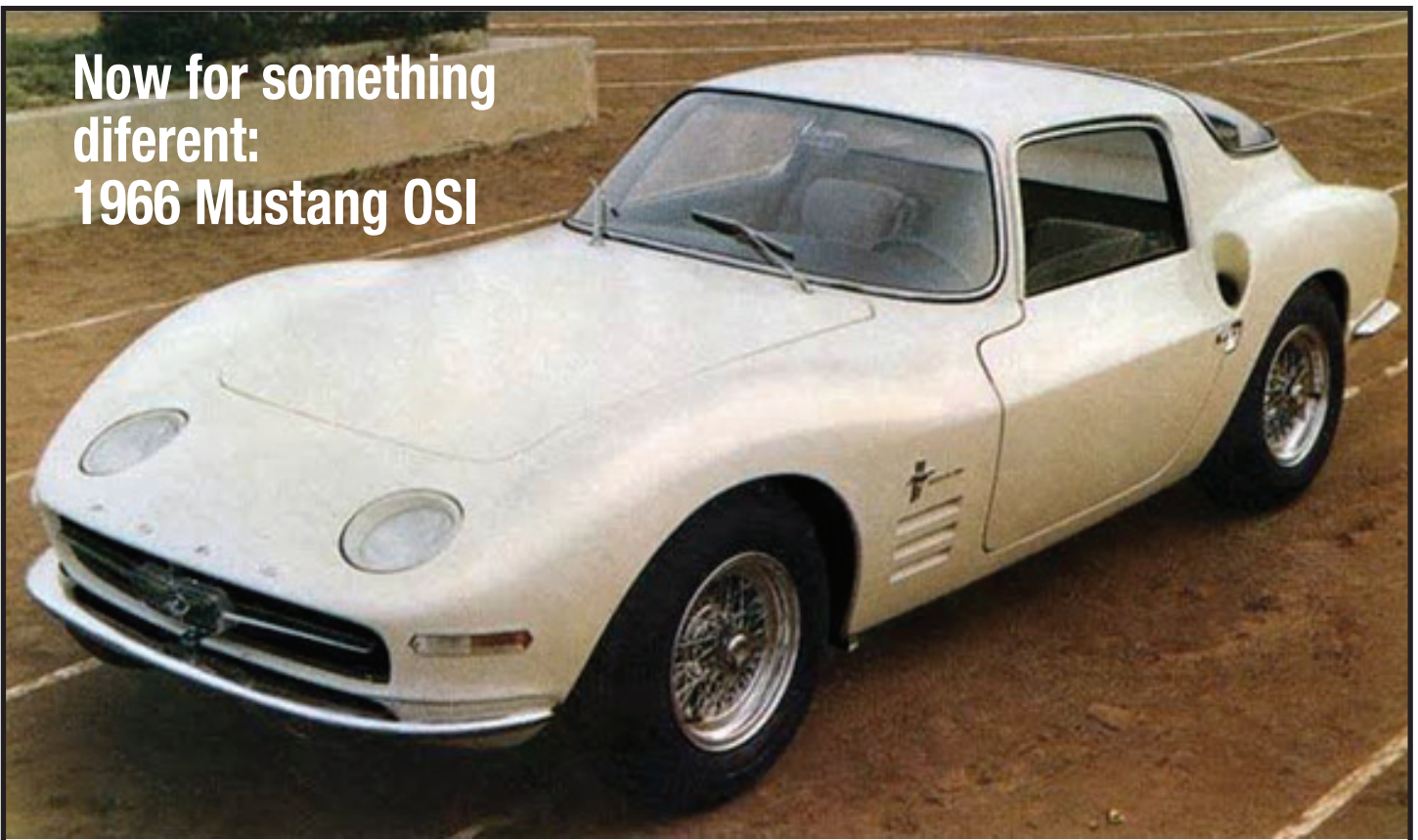
Any true gearhead knows that when it comes to a rousing game of Monopoly, the race car is the most prestigious token. You want the race car, because everything else (aside from possibly the dog) is pretty lame. Who the hell wants to be a thimble?

For the new version of Monopoly Empire – it's basically the normal game, but rather than streets, you can buy up brands – there is no race car. Instead, board game enthusiasts will be fighting over a gold token shaped like the 2016 Ford Mustang. It all has to do with Ford's position as one of the brands that gamers can purchase within the game.

This isn't the first time an automaker has joined the long-running Hasbro game. A few years back, it was Chevrolet that was donating one of its cars for a game token – the then-new Corvette Stingray. While that was cool, we'd be feeling a little miffed if we were Chevy. When it made its debut, it was in Indiana Avenue's red tile. Ford has a more prestigious position, taking the pricier yellow spot that belongs to Ventnor Avenue.



# Now for something diferent: 1966 Mustang OSI



Italian Design firm, OSI (Officine Stampaggi Industriali), produced body parts for Alfa Romeo, Fiat, Innocenti, and this joint venture with Ford. The Mustang was being exported to Europe as the T5, and some say the OSI Mustang was being developed to be a European Mustang to compete with Opel in Europe. Fewer than 2000 Ford OSI units were produced with the German built Ford Taunus chassis.

It is assumed that it is a Bertone design dating from 1964, to potentially be built by OSI. It was shown in Turin in 1964 and used a 271 BHP Hi-Po engine, with 4 speed gearbox and discs all around.

At that time OSI, established in 1960, was owned by Luigi Segre, owner of Ghia and meant as a means to sell more Ghia designed cars. Reportedly a couple of cars were actually sold, but its main purpose was to serve as a trust mule for the Ford Taunus based OSI 20 M TS. I have no information that any car still exists.

In 1965 Bertone produced a much better known study on the basis of a Mustang, but that remained a one off, and has no link with OSI.







# Dinner Run for Hornitas Enchiladas

*Pics By: Robert Whitley*



# Cleveland Engine Plant gets \$145 Million upgrade, creates 150 jobs for new EcoBoost engine production

Source: [media.ford.com](http://media.ford.com)



Ford is investing \$145 million to upgrade its Cleveland Engine Plant – creating or retaining 150 jobs to support strong demand for an all-new second-generation 3.5-liter EcoBoost® engine family for the 2017 Ford F-150 lineup.

The investment in second-generation EcoBoost engine technology is part of the \$9 billion commitment the company made in the 2015 Ford-UAW collective bargaining agreement to invest in its U.S. plants. Ford, which has 80,000 U.S. employees, is committed to creating or securing 8,500 hourly jobs in communities across Michigan, Illinois, Kentucky, Missouri, New York and Ohio over the next four years. Since 2011, Ford has invested more than \$10.2 billion in its plants across the United States.

Cleveland Engine Plant produces the current version of the 3.5-liter EcoBoost engine, which powers 2016 Ford F-150, Explorer, Expedition, Transit, Flex and Taurus.

“Ford customers have embraced EcoBoost’s unbeatable combination of power and efficiency, with more than 60 percent of F-150 customers choosing trucks powered by EcoBoost,” said Joe Hinrichs, Ford president, The Americas. “This second-generation 3.5-liter EcoBoost engine is another great example of Ford continuously improving and innovating to give these hardworking customers the best engines and trucks we can.”

In addition to the 3.5-liter EcoBoost engine that has been a success throughout the F-150 lineup, the 2017 Ford F-150 Raptor will be powered by Ford’s all-new second-generation, high-output

3.5-liter EcoBoost that produces more power with greater efficiency than the previous 6.2-liter V8. The high-output 3.5-liter EcoBoost is a Raptor-exclusive in the F-150 lineup, paired with an all-new 10-speed transmission for improved efficiency.

As the cornerstone of Ford’s global engine strategy to reduce fuel consumption and emissions, EcoBoost engines, introduced in 2009, deliver the same capability as larger-displacement engines, with significantly better fuel economy. EcoBoost uses smaller overall engine size combined with turbocharging, gasoline direct injection and variable valve timing to provide customers the power they want and the fuel economy they need.

“This is very exciting news for the hardworking men and women of Cleveland Engine Plant and the Ohio community as a whole,” said Jimmy Settles, UAW vice president, National Ford Department. “The team at Cleveland Engine is thrilled to begin building one of the most technologically advanced engines ever designed for the all-new F-150 Raptor.”

Cleveland Engine Plant opened in 1951 and employs more than 1,500 people. It has produced more than 1 million EcoBoost engines since 2009.

Along with the current 3.5-liter EcoBoost for F-150, the plant builds the 2.0-liter EcoBoost for Edge, the 2.3-liter EcoBoost for Explorer, Mustang and Lincoln MKC, as well as the 3.7-liter V6 rear-wheel-drive application for Mustang.



# April is National Distracted Driving Awareness Month

## *Change Your Distracted Driving Habits and Keep Roadways Safe*

At any given time across America, approximately 660,000 drivers are using cell phones or manipulating electronic devices while driving, a number that has held steady since 2010. This number is troubling because it means that thousands of people have their eyes off the road, hands off the wheel, and minds off the task of driving. Five seconds is the average time your eyes are off the road while distracted by texting. When traveling at 55mph, that's enough time to cover the length of a football field while blindfolded. In recognition of National Distracted Driving Awareness Month this April, the California Office of Traffic Safety (OTS) wants to remind motorists to utilize the following tips for staying focused while driving and ending all behind-the-wheel distractions, not just texting.

### ***End all cell phone activities:***

Never talk, text, email or use apps on a cell phone while driving. Better yet, turn off your phone and place it out of reach as soon as you get in the car. Record a new outgoing voicemail message that says you can't come to the phone because you're busy or because you may be driving. This gives you a great excuse and gets the point across to your caller.

### ***Plan for unexpected distractions:***

Never take notes, look at a map, or reach for anything dropped on the floorboard, back seat or other side of the car. If you absolutely need an item, find a safe spot to pull over and stop the vehicle before you look for something.

### ***Make all necessary adjustments before you get in the car:***

Conduct grooming activities at home. Adjust all of your radio controls and set your song playlist before you hit the road. Eat before you leave the house, or stop along the way to grab a bite. Listen to – don't watch – GPS devices and make sure to input your destination before leaving or stop to change your route if necessary.

OTS wants you to have you a safe and distraction-free April. For more distracted driving facts and information about other OTS efforts, please visit [www.ots.ca.gov](http://www.ots.ca.gov), or like OTS on Facebook at [www.facebook.com/CaliforniaOTS](http://www.facebook.com/CaliforniaOTS) and twitter at [www.twitter.com/OTS\\_CA](http://www.twitter.com/OTS_CA)



## Ford Celebrates Original “Rosie The Riveters”

**Source:** [ford.com](http://ford.com)

They were traditional American housewives, mothers and daughters in the 1940s, when suddenly everything changed. Millions of men left home to fight in World War II, and the country needed help to produce the machines of war. An army of women answered the call.

They became known as Rosie the Riveters, thanks to a popular film and promotional campaign. In addition to their work on assembly lines, they had a lasting impact on the country, changing perceptions and expanding opportunities for future women in the workforce.

Ford Motor Company Fund, Talons Out Honor Flight and Yankee Air Museum today flew 30 original Rosie the Riveters to Washington, D.C., to celebrate their critical contributions to the war effort. The Rosies, ages 88-98, are being treated to a visit to the World War II Memorial and a special luncheon in their honor at the Library of Congress on Capitol Hill with members of Congress from Michigan.

Ford and its Willow Run Bomber Plant in Ypsilanti, Michigan, was a major force in the Arsenal of Democracy, the term given to the industrial powers that came together to support the Allied war effort and victory. The plant's mile-long assembly line churned out nearly 9,000 B-24 Liberators – one every hour, or half of all the B-24s built during the war. At peak production, Willow Run employed 42,000 workers, up to one-third of them pioneering women industrial workers.

“These women not only helped win a war, they paved the way for future generations to achieve economic and personal independence,” said Jim Vella, president, Ford Motor Company Fund and Community Services, the philanthropic arm of Ford. “It is an honor to celebrate their vital contributions to our country and the cause of freedom.”

Today's Honor Flight is part of Ford's ongoing support for women and military veterans. Ford has sponsored 11 Honor Flights of World War II veterans to Washington, D.C. Last year, Ford Fund supported the Freedom Sisters REBOOT Workshop, which helped integrate women military veterans back into civilian life.

Ford's support for veterans and their families dates back more than 90 years through its relationship with DAV, formerly Disabled American Veterans, and the DAV Transportation Network. Ford also supports Focus on Freedom, a program honoring veterans at the annual Ford Fireworks in Detroit.

Meantime, a key section of the historic Ford Willow Run Bomber Plant will become the new home for Yankee Air Museum following a successful fund-raising campaign to preserve and renovate the facility. In tribute to her lasting legacy, more than 2,000 women last year gathered at Willow Run Airport to set the record for the most representatives of Rosie to assemble in one place.

*In case you've been under a rock...*

## Shelby American, Hertz and Ford Motor Company Launch 50th Anniversary Edition Ford Shelby GT-H



Source: [ford.com](http://ford.com)

Fifty years after the Shelby GT350-H was introduced, Ford Motor Company, Shelby American and Hertz unveiled a special run of performance-modified 2016 Ford Mustang GTs named the Shelby GT-H that will be available for rent beginning Memorial Day weekend. As a throwback to the famed Shelby GT350-H "Rent-A-Racer" program of the 1960s, a total of 140 2016 Ford Shelby GT-H's will be available exclusively through the Hertz Adrenaline Collection at select airport locations in the continental United States.

"The 1966 Ford Shelby GT350-H became a legend from the moment it was introduced," said Joe Conway, Co-CEO of Carroll Shelby International and CEO of Shelby American. "Ten years ago, the 2006 Ford Shelby GT-H earned the same 'rock star' status when it was introduced at the New York Auto Show. We worked closely with Ford Performance to make the 2016 Shelby GT-H the most exciting Mustang ever to wear the iconic Hertz black and gold livery."

Fifty years ago, Carroll Shelby and Hertz saw an opportunity to put customers in the driver's seat of high-performance special edition Shelby's. Ford supplied the new Mustangs with V8 engines and mostly automatic transmissions, Shelby added extra performance and style and Hertz gave the public access to a unique driving experience through what was known then as its new "Rent-A-Racer" program. The companies repeated the same formula for the successful Ford Shelby GT-H program in 2006. Today, the story of the Shelby/Hertz "Rent-A-Racer" is legendary and the first two generation cars are among the most coveted by collectors worldwide.

Shelby American, Ford and Hertz repeated history to give the 2016 Ford Shelby GT-H a very classic, muscular look with additional performance capabilities.

"Our goal was to give everyone a chance to add some fun to their travel with a distinctive American pony car," said Doug White, Ford Performance Parts manager. "So Ford Performance and Shelby American sharpened the handling, improved the performance, sweetened the exhaust note and added distinctive Hertz styling to the Mustang. Anyone who rents a limited edition Ford Shelby GT-H will enjoy a very special driving experience."

The 2016 special edition Ford Shelby GT-H marks another Hertz car rental milestone in offering high-performance and specialty vehicles throughout the company's 98-year history, and today through its Adrenaline, Dream Cars and Prestige collections.

"For nearly 100 years, understanding our customers' needs and interests has remained at the forefront of our business," said Matt Jauchius, executive vice president and chief marketing officer at Hertz Global Holdings. "This special 50th anniversary edition of the Ford Shelby GT-H not only underscores our commitment to deliver a fun and personalized rental experience, but it also has helped Hertz become the premium brand it is today. It's sure to be an exhilarating drive for anyone who has the chance to get behind the wheel of this one-of-a-kind ride."

As with the past two generations, the 2016 Ford Shelby GT-H is instantly recognizable with several styling enhancements that celebrate its heritage. Each Shelby GT-H will wear black exterior paint, set off with gold racing stripes, a hallmark of Hertz vehicles dating back to the 1920s. Shelby's traditional "Le Mans" dual racing stripes are combined with a set of rocker stripes that include special "Shelby GT-H" nomenclature. Each car will also wear a Hertz Edition emblem on the front fenders, and feature Hertz Shelby GT-H sill plates and a numbered badge.

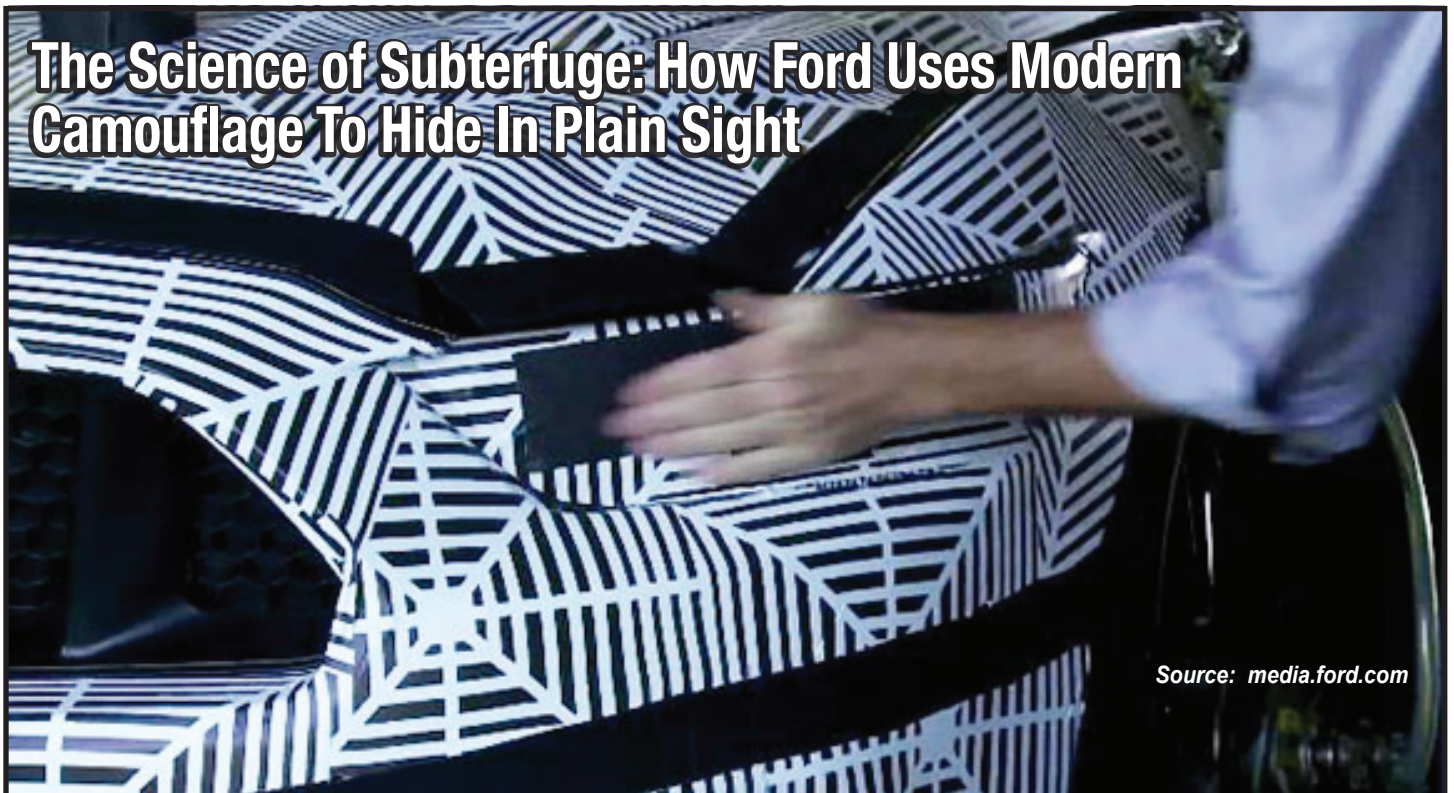
Ford Performance is supplying a cat-back performance exhaust for that throaty sound that will make this car unmistakably a Shelby Mustang GT-H. To put all of the horsepower to the ground, the Ford Shelby GT-H also comes with the Ford Racing Handling Pack, including special-tuned dampers, lowering springs, sway bars and a staggered wheel kit. The Shelby GT-H rides on 19-inch aluminum wheels wearing high performance Michelin rubber.

To hint at the 5.0-liter V8 engine's capabilities, the Ford Shelby GT-H is fitted with a unique Shelby-designed vented hood, carbon fiber front splitter and rear spoiler. Special badges appear in the front grille, rear faux gas cap and trunk lid. Inside, Shelby GT-H logos are on the headrest, sill plates and floor mats.

Shelby American will build the cars at its assembly facility in Las Vegas. With total production expected to number only around 140 units exclusively destined for Hertz rental fleets across the country, this special-edition car will give Hertz customers a truly exclusive driving experience. To watch the build of a Shelby GT-H, visit [www.shelby.com](http://www.shelby.com).

To learn more about the 2016 Shelby GT-H, visit [www.hertz.com/ShelbyGTH](http://www.hertz.com/ShelbyGTH). To reserve other vehicles available through the Hertz Adrenaline Collection visit [www.hertz.com](http://www.hertz.com). Hertz Adrenaline Collection vehicles may also be reserved through travel agents or by calling Hertz toll-free at (800) 654-3131.

# The Science of Subterfuge: How Ford Uses Modern Camouflage To Hide In Plain Sight



Source: [media.ford.com](http://media.ford.com)

• *With virtually everyone having a camera in his or her possession these days, spy photographers are ubiquitous; to protect its secrets from professional and amateur photographers alike, Ford uses advanced camouflage technology*

• *Modern camo technology is easier and faster to use than ever, while also allowing for more accurate testing of vehicle features and technologies*

• *Ford uses sticker camo for the majority of development, but vinyl cladding is still used in a small percentage of testing*

Engineers are developing new ways to hide Ford prototypes in plain sight using modern camouflage designs and techniques.

No industry is as challenged with keeping its new products under wraps as automakers, which must test their vehicles on public roads. For years, Ford has been locked in a high-stakes game of cat-and-mouse with spy photographers – trying to keep its vehicles a secret until it's time to show them to the world.

And now, with virtually everyone in possession of a camera and able to instantly share photos on the Internet, it's more difficult than ever to keep a car hidden. For Ford, the stakes are particularly high.

"While design is the fourth most important reason for purchase in the industry overall, it's number two only behind fuel economy for Ford," said Dave Fish, senior vice president, Expert Services at MaritzCX, which conducts the New Vehicle Customer Study. "It's not surprising Ford goes to extraordinary lengths to try to keep the wraps on its designs as long as possible."

Gone are the days when unsightly black vinyl was the only way to hide

a vehicle. Now, this heavy cladding that's difficult to apply is used in only a small percentage of testing, as Ford is employing more effective methods for concealing its vehicles throughout product development.

Primarily, Ford is using vinyl stickers with patterns that trick the eye and hide body lines to cover its vehicles. The modern patterns create an optical illusion that makes it difficult to see details. Such techniques result in obscure photographs, allowing Ford not only to hide its products from spy photographers, but to preserve its confidential designs and sustain its competitive edge.

"The work we're doing is crucial to Ford staying competitive in a constantly evolving industry," said John LaQue, Ford section supervisor, Prototype Planning and Build. "When we make it to a reveal without a photo surfacing of a non-camouflaged car, we have all done our jobs."

Each type of camo serves a purpose through various stages of development. Unlike vinyl cladding, vinyl stickers are universal – they don't have to be made specifically for each vehicle. Stickers are stuck on the car in no particular order, are quicker to install and more durable, plus they allow for more accurate testing as they don't add as much weight. The stickers don't trap heat, nor do they so dramatically affect the aerodynamics of the vehicle.

Ford's camouflage team can even change the shape of a vehicle to further mislead spies. The use of faux body panels can drastically change the look of a car, so an observer doesn't know what the real vehicle looks like. Adding length or height is a key misdirection used to keep the true dimensions of a vehicle under wraps.

As camera technology gets more sophisticated and even more readily available, engineers are working to advance vehicle camouflage techniques to keep Ford one step ahead of both the spies and the competition.



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Or contact Ron Dupras (559) 313-9042

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Styles**

**New  
Colors**



*\*All orders  
must be prepaid  
or paid online*



**Get your  
S.H.A.R.E.S. CARD  
now!**

We have our Save Mart SHARES cards. Use the card when you go to Save Mart or Food Maxx and the club gets 3% cash back! See Ron Deubner to get a card for you and any family member who will shop at Save Mart. This can bring a lot of money into the club.



# MEMBERSHIP APPLICATION

PRIMARY MEMBER NAME: \_\_\_\_\_

Are you a current MCA (Mustang Club Of America) member?  Yes  No

MCA (Mustang Club Of America) Member Number: \_\_\_\_\_

Birthdate: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Your Preferred Email: \_\_\_\_\_

Phone: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

In an effort to maintain the privacy of our members, please select if you prefer to not publish your contact information in our membership lists.

Yes, Please do not publish.  No, It is ok to share my information with other members.

**Please select your choice. We WILL NOT sell or share your information with ANYONE outside the club membership.**

SPOUSE: \_\_\_\_\_ Spouse's Birthdate: \_\_\_\_\_

Spouse's Email: \_\_\_\_\_ Spouse's Cell Phone: \_\_\_\_\_

Children's name(s) and birthdate(s): \_\_\_\_\_

**1ST VEHICLE - Please enter your vehicle(s) information.**

Vehicle Year \* \_\_\_\_\_ Vehicle Make \* \_\_\_\_\_ Vehicle Model \* \_\_\_\_\_

Vehicle Color \* \_\_\_\_\_ Speciality Vehicle? \_\_\_\_\_

**2ND VEHICLE - Please enter your vehicle(s) information.**

Vehicle Year \* \_\_\_\_\_ Vehicle Make \* \_\_\_\_\_ Vehicle Model \* \_\_\_\_\_

Vehicle Color \* \_\_\_\_\_ Speciality Vehicle? \_\_\_\_\_

How did you hear about us? \_\_\_\_\_

*Membership Requirements: Insurance - Each active and honorary membership will be required to carry and produce to the Membership Committee evidence of public liability and property damage insurance as follows: a) In the minimum amount required by California law. B) Or, in individual cases, the amounts recommended by the Membership Committee or the Executive Board. This insurance must cover the car owner and any driver of that member's vehicle. Lack or, cancellation of a member's policy immediately invalidates his/her membership in this club. Operator's License - Each active and honorary member must have a valid vehicle operator's license at all times. Lack of, cancellation of, or expiration of this license immediately invalidates membership.*

*Release of Damages: By submitting this document online, applicant / member agrees to hold the Central Valley Mustang Club, Inc. harmless for and to protect and defend the Officers and Club Members from any damages that may occur en route to, during, or from an event in which the applicant / member is involved. By submitting this document online, the submit button will constitute your signature as proof that the included information is true and accurate and that you agree to the requirements previously set forth.*

**Central Valley Mustang Club, Inc.**

**Post Office Box 9864 • Fresno, California 93794-9864 • (559) 715-CVMC (2862)**

The Central Valley Mustang Club, Inc. is not a subsidiary company nor does it have any corporate or legal relationship with Ford Motor Company.

**MEMBERSHIP DUES: For the first year only, the sum of \$30.00 for a one year Active Membership, of which \$5.00 will be an initial fee and \$25.00 for dues. Thereafter, a member shall pay each January a \$25.00 fee for dues. For additional family members, Active Membership dues are \$5.00 per member**

**Come join the fun**

**Yosemite Falls Cafe**



**General Membership Meetings:**

*Last Thursday of Each Month*

Yosemite Falls Restaurant

4020 N Cedar Ave (Cedar & Dakota) • Fresno, CA

Dinner: 6pm • Meeting: 7pm



For Detailed Information On Club Activities Visit Our Website At:

**<http://www.cvmustang.org>**

Or Call Club Information Line: 559-715-CVMC (2862)

**every month!**

**the pony**  
OFFICIAL MONTHLY PUBLICATION  
**PRESS**

Central Valley Mustang Club, Inc.  
P.O. Box 9864  
Fresno, CA 93794-9864

**ADDRESS CORRECTION REQUESTED**

**Website: [www.cvmustang.org](http://www.cvmustang.org)  
Club Information: 559-715-CVMC (2862)**