



[waukeshaoldcarclub.org](http://waukeshaoldcarclub.org)

# *Spark and Sputter*

## *June - July, 2025*

# *FERGUSON ALL-WHEEL-DRIVE MUSTANG*





## 2025

### Officers and Board Members

#### President

Ron Herman (2025-2026)

#### Vice President

Steve Heinemann (2024-2025)

#### Secretary

Marsha Golla (2025-2026)

#### Treasurer

OPEN (2025)

#### Board Members

Nic Gengler (2025-2026)

Linda Uebele (-2025)

Tom Garibaldi (2025-2026)

Dennis Wagner (2025-2026)

Brett Smith (2024-2025)

#### Newsletter Editor /

#### Board Member at Large

Bob Merner

#### Webpage Coordinator

Steve Heinemann

#### Facebook Coordinator

Sarah Ksicinski

#### Club Activity Committee

Jim Young (2)

Dennis Wagner

Al Schultz

Victor Perugini

## Club Activities & Other Fun Things To Do

Calendar updated as changes occur

		Annual Club get together at Bubba's Custard, Pewaukee See Steve for your food ticket
June	9	
	16	Heaven City Cruise night Benefits Mukwonago Boy Scouts
	21	Heartland Terrace Car Show for residents
	29	Rock 'in the Foxx Car Show proceeds benefit Sierra Delta , Guide Dogs for Vets
July	4	Waukesha Annual July 4th Parade
	11	Wilson Center Car Show
	14	WOCC Club Meeting at 7:30, Board meets prior to club meeting
August	10	Annual WOCC Frame Park Car Show
September	14	Annual WOCC Picnic and Auction



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Brett Flipse  
Brett@badgerlandfireplace.com

Office: 262-796-9999



# THE FERGESON ALL WHEEL DRIVE MUSTANG PROJECT

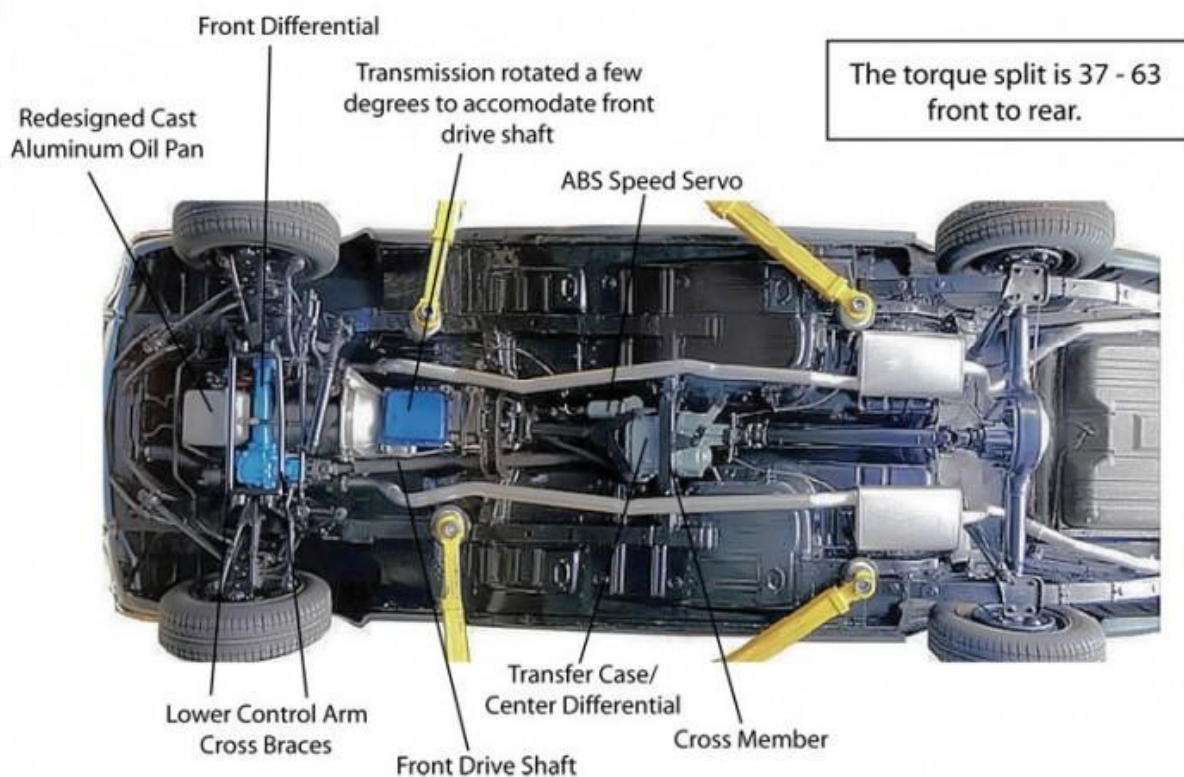
In 1965, England's Ferguson Research, aimed to improve the handling and traction of Ford's Mustang by constructing a series of Mustangs fitted with both full-time all-wheel drive and Dunlop Maxaret anti-lock brakes. according to records two cars were built, though some say three. The cars were shown to police departments and consumers across Europe but found no takers.

Harry Ferguson's primary work was on agricultural tractors and his work led to the development of the hydraulic three-point linkage and draft-control systems that revolutionized modern farming, but his real passion was for automobiles. Working with racers Tony Rolt and Freddie Dixon, Ferguson founded Ferguson Research to focus on the construction of all-wheel-drive automobiles and race cars. The group's first effort was the 1961 Ferguson Climax P99 F1 car, which Stirling Moss drove to a victory at Oulton Park, claiming the only win for an all-wheel-drive car in Formula One.

Harry Ferguson did not survive to see the success of the car he helped to design. Years of legal battles with the Ford Motor Company over patents relating to tractors took a toll on his health, and in October 1960 Ferguson died of a barbiturate overdose. Ferguson Research continued without him, and its all-wheel-drive system found its way into other race cars, including the last Novi-powered car to compete at Indianapolis, driven by Bobby Unser in 1965.

Building all-wheel-drive race cars failed to generate the income needed to sustain the business, so Ferguson Research turned its attention to automobiles. Two (or three) 1965 Ford Mustangs were ordered and shipped to the U.K. for conversion to the Ferguson Formula all-wheel-drive system, which utilized a lightweight, viscous-coupling center differential (weighing a reported 69.5 pounds) in conjunction with a compact front differential. All four wheels were driven on a full-time basis, and torque was split 37 percent to the front wheels and 63 percent to the rear wheels, delivering added grip while maintaining a clear rear-wheel-drive bias for predictable handling. The Mustangs also received a Dunlop Maxaret anti-lock braking system as well. Though the mechanical system was crude by modern standards, it still had the potential of shortening braking distances. The overall package, Ferguson Research believed, would have been ideal for a police interceptor, and the company reportedly showed its innovative Mustangs to police agencies throughout Europe, intending to demonstrate the potential of such a vehicle

continued on page 4





Continued from page 3

The cars proved hard to sell, as the potential benefit was outweighed by added cost, increased complexity and additional maintenance expense, which eliminated the Ferguson-built cars from serious consideration. Some say that Ferguson approached Ford with the idea as well and met with a similar disinterested response. With Mustangs selling as fast as Ford could build them, changing the formula would have seemed like a bad idea to company executives. Ferguson Research's all-wheel-drive system did find its way into a production automobile, namely the 1967 Jensen FF (for Ferguson Formula), a longer-wheelbase version of the Jensen Interceptor that also featured the Dunlop Maxaret anti-lock braking system. The performance was impressive, but handling was said to be sublime, as the changes made to the Interceptor's platform produced a car with added grip and a 50/50 front-to-rear weight balance. The Jensen FF was, arguably, the most advanced car in the world at the time of its introduction, but its sticker price was 30% higher than the Jensen Interceptor and interested few buyers, and production ended after just 320 were assembled. In 1980, Audi debuted its all-wheel-drive Quattro, which would quickly revolutionize racing in several series, including the World Rally Championship. Had Ford been more forward-thinking about the Ferguson Formula all-wheel-drive system, this change may have taken place decades earlier. The world will never really know, but the remaining Ferguson Formula all-wheel-drive Mustang stand as testament to lost opportunity.

Information taken from HEMMINGS.com website





## Members

When attending Car Shows or Cruise nights take along some flyers to pass out.

You can pickup them up at the meetings

or contact Bob Merner @

414-235-4010 or

romer512@gmail.com



**Brady Michaelis**  
Associate Wealth Manager

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**WTMJ**  
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"Money Talk"

**WISN**  
11:00 AM Saturday  
"The Investment Show"

**WHBY**  
4:00 PM Thursday  
"The Annex Wealth Management Show"

 **YouTube**  
[youtube.com/annexwealthmanagement](https://www.youtube.com/annexwealthmanagement)



**Frame Park, Waukesha**  
**August 10, 2025**  
**Car Show**  
8:00am to 3:00pm  
Gates open at 7:30am

**Food available at 10am**  
**Beer, Wine, Soda available all day**

Show Cars Must Enter from Baxter Street south end of Frame Park

**\$15.00 Show Car Entrance Fee**  
no preregistration

Car Show T-shirts available for purchase at Car Show Central

Participant Voting  
Trophy presentation at 3:00pm at the band pavilion  
One Trophy per class  
Must be present to win

**LIVE MUSIC**  
STARTING AT NOON  


For more information: [waukeshaoldcarclub.org](http://waukeshaoldcarclub.org)

You are participating in this activity at your own risk.  
By participating in the car show you are agreeing with this message.



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## CLUB CARS AT THE LIONEL TRAIN CLUB OPEN HOUSE AND CAR SHOW MAY 4,



Marcia Golla



Tom Garibaldi



Jeff and Anne Krumrich



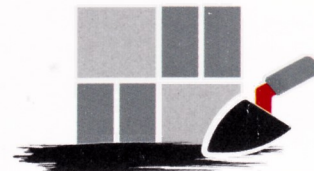
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# *Waukesha Old Car Club Meeting Highlights*

## **April 10, 2025**

The meeting was called to order at 7:29 by President, Ron Herman.

The meeting began with the Pledge of Allegiance. The Officers and Board Members were introduced

There were not new members or guests

### **Presidents Report:**

- Ron reviewed with the membership what was discussed at the board meeting.
  - Greg Marchand has requested that the number of classes at the car show be reduced. The number of classes has become a tabulation nightmare for the time allotted.
  - The car show T-shirt will feature possibly feature 2 cars, Tom Garibaldi's Buick and Greg Marchand's Rambler. The final decision has not been made.
- The TO-DO list for the car show has been sent out with no response. We have to assume everyone will be able to help in the same capacity as last year.
- The club will be purchasing flags it indicate the Registration table. Participants have trouble locating it.
- A new grill has be purchased to be used at the Picnic and Auction
- The **June meeting will be a social event at Bubba's Custard** again this year. A motion was made to increase the value of the tickets from \$6.00 to \$7.00. The motion was passed. The June event is scheduled for 6/9/2025. Bring your classic car and park in the front row.

### **Vice Presidents Report:**

- We are looking for a mannequin for displaying car show shirts at the car show. Just need to use it for the day.
- The Miller Brewery tour was good, 5 members attended.
- Looking for ideas for activities for the club, tours or outings. A suggestion was made to go to the Bunker Restaurant and Museum in Waterford.

### **Secretary's Report:**

Marcia Golla read the minutes from the March meeting, the report was accepted as presented.

### **Treasurer's Report:**

- Ron gave a Treasurer's report for the month of March. The report was accepted as presented.

### **Sunshine Committee**

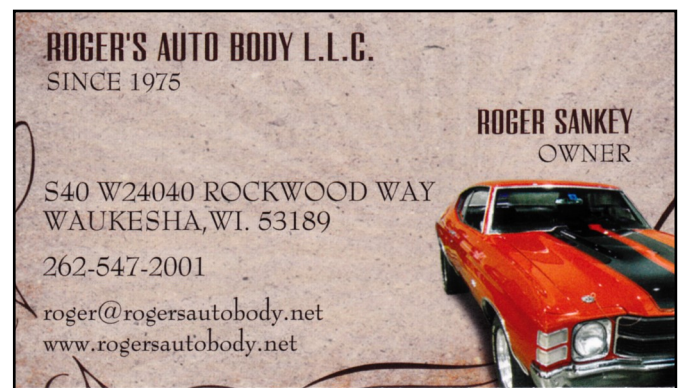
Judy Sodemann had no report.

Continued on page 8



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### Old Business

- The Club is looking for a volunteer to fill the Treasurer's position.
- The Appreciation Dinner was good. Thanks to Ron Wichinski for all his work to organize it.

### New Business.

- There was a discussion to have better door prizes to increase attendance at the meeting.
- There was a discussion to increase the dues to \$100 with a \$80 refund after working the car show. This idea was met with a mixture of ideas.

The meeting adjourned

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## *Waukesha Old Car Club Meeting Highlights*

**May 12, 2025**

The meeting was called to order by President, Ron Herman.

The meeting began with the Pledge of Allegiance. The Officers and Board Members were introduced.

The club welcomed David Friday who was attending as a guest.

**Presidents Report:** Ron reviewed what was discussed at the Board Meeting.

- The band has been selected for the car show.
- Ron will be contacting Roberts Meats in June to get pricing for the car show.
- We still need an audit committee before the new treasurer can take over.
- The new tires for the trailer are ready to be purchased.
- Ron looked into feather signs for the Registration table. Prices vary widely more consideration is needed

### Vice Presidents Report:

- Steve has new Club Rosters, Car Show Flyers and Spark and Sputters available at the front table

### Secretary's Report:

- Marcia Golla read the minutes from the April meeting, the report was accepted as presented.

### Treasurer's Report:

- Ron Herman gave a Treasurer's report for the month of April. The report was accepted as presented.

### Sunshine Committee

- Nothing to report.

### Old Business

- None

### New Business.

- None

The meeting adjourned



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LUNCH 11:00-2:30  
 MON-SAT  
 DAILY SPECIALS

**friday fish fry**  
 5-9 pm



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***Friday Nights***

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