



January Newsletter

VOLUME 1, ISSUE 3
JANUARY
NEWSLETTER

NEWSLETTER DATE:
2-6-08

Winter Conference

The EV Presentation Team will be giving a presentation to teachers from different counties at the North Carolina Technology Education Winter Conference at the Radisson Inn in High Point, NC. The EV team was asked to present by Thelma Kastl, one of the coordinators for the winter conference.

Current Projects

⇒ **Miata Destruction:** The team spent hours after school “destructing” our new Miata. It now has no gas tank, motor, or transmission. Below are pictures of the obliteration; more can be found on our webpage. When we were finished taking the Miata apart and preparing it for conversion, we hauled any unneeded parts to one of our sponsors: Hard Dog Fabrications.



07/08 TEAM MEMBERS

Seniors

- Daniel Brown
- Matthew Griffith
- Brandon Layell
- Chris McCoy
- Scottie Moore
- Michael Sampson

Juniors

- Janine Anderson
- David Church
- Kendra Smithey

Sophomores

- Daniel Brown
- Justin Gourley
- Seth McCoy
- Steven Mikeal
- Nicole Osborne
- Nick Wilcox



We have two new members to welcome to the EV team: Kendra Smithey and Justin Gourley. They have already been a big help to the EV team with Kendra’s creativity and Justin’s motor skills. It’s been outstanding.



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Click on the E.V. Challenge link
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New Additions



1. Warp 11" motor- \$3000



Received and ready to install!!!



NetGain Technologies, LLC

One of the EV Teams biggest sponsors: Hard Dog Fabrications, which is located on the outskirts of Winston-Salem, just recently donated a true car trailer so we could take our Miata to competitions, and other events. A couple months ago, Hard Dog also helped out the EV Team with a roll bar that is installed in our 2000 Mazda Miata. The EV Team also removed all internal combustion engine parts, and they were given to Hard Dog for their donations.



'83 Ford Ranger Updates



⇒ The bumper on our truck was looking a little worn for lack of a better word. So thanks to Wilkes Community College and student Nathan Church under the direction of Instructor Tim Wilcox, our bumper was refurbished and now shines 'like the top of the Chrysler Building'. (Pictured to the left) Because it is illegal to drive without a bumper, we got our school's old fence posts, painted it black, and placed it into the front of our truck to use as a temporary bumper.



⇒ The truck, too, is often driven daily and had a recent inspection done. Everything is running smoothly and we are anxiously awaiting the upcoming EV Challenge this year.

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Recent Events

Warfield Electric

The presentation team traveled to Frankfort, Illinois and received a tour of Warfield Electric's motor manufacturing plant by Jerry Warfield. Warfield produces new motors and repairs used motors. Warfield Electric donated several 5" DC motors for educational purposes.



NetGain Motors

George Hamstra, owner of NetGain Motors, provided the funding for our trip. Mr. Hamstra also arranged for us to tour a local electric conversion shop known as Pioneer Conversions. We purchased a Warp 11" and picked it up at the factory after our tour.

Pioneer Conversions

The gentlemen at Pioneer Conversions gave us a tour of their current projects which included a Porsche Boxster, Toyota Matrix, 1965 Honda, and a BMW.



University of Kentucky

We stopped at the University of Kentucky on our way to Illinois. We were given a tour of the UK's solar car program. The tour included a detailed presentation on how solar cars were designed and built.



Ohio State University

We also stopped to tour Ohio State University's student project garage and solar car program. The tour included their Buckeye Bullet, Formula SAE car, mini Baja car, Challenge X hybrid, and their solar car.



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R.I.P. GAS

West Wilkes Electric Vehicle Team

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