

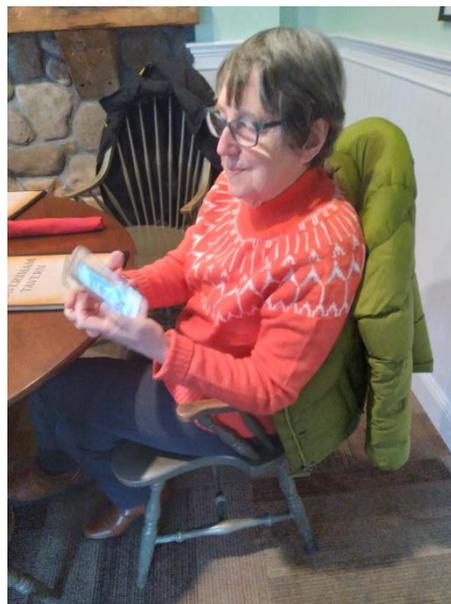
Classy Chassis

Holiday Party at Haversham a Blast!

Well, we were not getting out of hand or anything but by the sound of all the excited conversations they were having a good time.! The Haversham had a nice large private section all set aside for us. It was easy to drift around and talk with all of our friends who showed up. It was good to see some folks



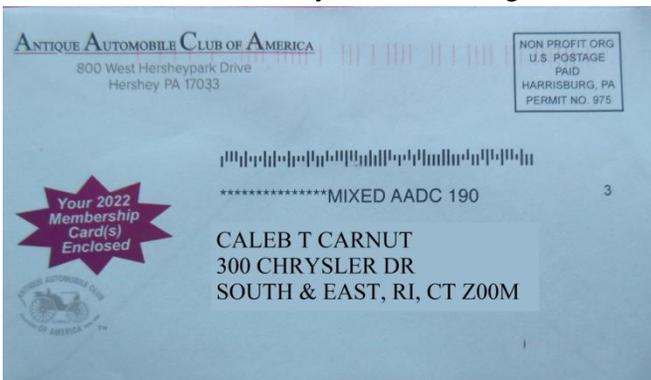
like George who recently recovered from illness. He was holding court with just about everyone. He got even more attention than Barbara!





Are you a Member?

Please take a look at this envelope. If you received one in the mail recently it is very likely that you are a member of the AACA and the Westerly-Pawcatuck Region.



Your 2022 AACA membership card was enclosed. If you have not received your card you might want to inquire to headquarters.

Orient Update by George King III

I will now bring you up to date with the Orient project. The main focus on the Orient was the chain that is used to connect the transmission to the differential.



The following photo shows the chain on the car and also shows our two problems with this. If you look at the bottom of the sprocket on the differential, you will see that the chain does not fit tightly as it should. The other problem is that the chain is not straight. In fact, the chain struck a part of the chassis. The vertically positioned chassis rod was actually damaged by the chain hitting it.



In the next photo Charlie and I are removing the small sprocket for the transmission drum. Charlie would machine the face of this sprocket to make it fit closer to the drum. The reason that the chain did not fit properly on the sprockets is because the rollers are .625 in OD. We have determined that the proper size is .5625. Charlie made

a tool to disassemble the chain links so we could remove the rollers and replace them with those of the correct size.



I was able to purchase tubing with the correct ID and OD. The problem was that the tubing came in three foot long sections.

Frank made a cutter that fit on his lathe and could always be reset to cut the same length piece of tubing. He made 80 rollers for our chain (see below).

While working on the chain by passing it on from one to the other, we went to work on creating rods and pivot plates to move the parts on the transmission for the low speed and reverse drums of the



transmission. Below you can see Charlie and Frank working on one of the test plates. The plate will tighten the transmission bands on the drums. The plate

has several holes in it so we can test a variety of control rod lengths to see what works best. These parts were not with the car when I bought it. We have had to invent ways to control our car.



In the photo to the left you can also see a three foot aluminum measuring tool. This tool is lying against the points on the sprocket to check our alignment changes.

Below is one of the transmission drums which are made of

cast iron. The bronze shaft that passes through the drum is attached to a bronze plate that is turned by the gears. The



shaft firmly holds the sprocket which is press fit into the bottom of the shaft hub. It turns in whatever direction the bronze plate is moved by the gears. The sprocket then moves the differential which

then moves the wheels.

You can see the outside surface of the sprocket that Charlie faced in his lathe. I used a die to cut threads lower on the shaft. I pressed the sprocket onto the shaft and held it down with the nut seen to the right. The threaded end of the bronze, which now protruded from the nut, was reduced in height by Frank on his milling machine. The two links that are shown below connect the T-shaped plate shown above to the bands mounted on the transmission drums. When the diver pulls or pushes the transmission control lever, which is above the steering tiller, it turns the T-plate which pulls one of the bands tightly around the drum. This makes the car move forward or backward depending which drum is stopped.



Now, here is some new information for you. I am a member of the AACA and the Westerly (RI) / Pawcatuck (CT) Region. Most of the members of this chapter buy a car and enjoy it by driving it to club events. They are a nice group of people but I don't think that many of them restore cars. The president of the chapter asked me if I would make a presentation about the Orient and invite the Orient Crew to join me. I accepted and asked four of the crew to join me and present their own experiences with the car. We were well received by an enthusiastic audience. We were also joined by Gregg Anderson who is a member of the Metz organization in Waltham Mass. He videotaped the event.

Now, here is a bit of new news that will be especially appreciated by George Albright. Since the Orient is getting close to completion, I have been looking for a new project. Since it was built so close to where my family lived, I decided to buy another car built by Charles H. Metz. I have purchased a 1915 Metz 22. Now all I have to do is run out to Michigan and pick it up.

So, this is where we are today. We are still working on the chain and making a new packing gland for the transmission shaft. --- George

The Right Clothes for Your Car



The first meeting for 2022 is Tuesday, Feb. 22 at 7:00 PM. Liz Gardner Carr will make a Zoom presentation about period clothing, especially how it pertains to the old car hobby. We will see her live on the big screen in the large meeting room of the Westerly Senior Center. This presentation should be very interesting all members!

Gerry Lynn on the Mend!



Bob D., Ken C., and Charlie N. stopped by last week to check in on Gerry Lynn. He is recovering from heart surgery and a bout of pneumonia. We are happy to report that he is making very good progress! If you are interested in visiting Gerry his contact info. is on our website. Please limit visits to no more than 3 people at a time.

Club Officers

President: Merrill Moone
Vice President: Vacant
Secretary: Ken Carr
Treasurer: Dave Calabrese

Volunteers

Newsletter: Ken Carr & Gerry Lynn
Sunshine: Camille Carr
Trip Coordinator: Don Oster
Webmaster: Ken Carr

Meetings:

Executive Meeting, Wednesday, February 16, 6:30 PM, Westerly Burger King on Franklin St.

Club Meeting, Tuesday, February 22, 7:00 PM, Westerly Senior Center

Master Webmaster Award for 2021



The AACA gave our webmaster, Ken Carr, and our club, the Westerly-Pawcatuck Region AACA, it's highest webpage award for 2021. Our Master Webmaster award is pictured at left. Thanks to all the club members who helped with their own contributions during the year!