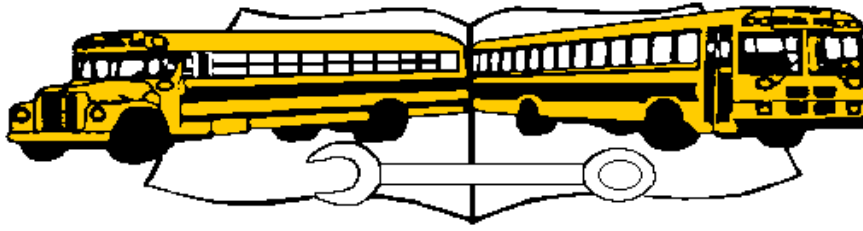


The Mechanic's Messenger



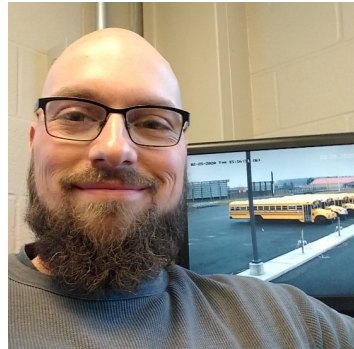
Message from the Editor

I would like to encourage all Mechanics to take part in the **2020 OSBMA Spring Workshop** to be held April 10th at the Ohio Department of Transportation in Columbus, Ohio. The day will start with a Continental Breakfast along with some hot coffee and O.J. Our first guest will be Lieutenant Reimer with the **Ohio State Highway Patrol**. He will be discussing issues with school bus inspections and also talking about construction standards. Bring all your questions, comments and concerns and fire away during the Q & A session.

D&W Diesel will be putting on a 4 hour class covering aspects of the diesel emissions system from model year 2008– present. Their presentation will focus around system components, theory of operation, diagnostics, repairs and maintenance. D&W Diesel put on a great class at the 2019 Fall Workshop. I am looking forward to it again!

All Mechanics will be served a lunch from the cafeteria with lots of food to choose from. We will have **Americas Best Testing** at noon. Those taking the test will be first in line to eat and then take the test in a separate room.

This Workshop will cover your 4 hour yearly in-service requirements. You will also receive a certificate of achievement, suitable for framing. These Workshops are a great way to network with other Mechanics. I always enjoy talking to other's about different issues that we all deal with pertaining to school buses. Hope to see you all there!



*Chad Klinge
Patrick Henry Local Schools*

**Ohio School Bus
Mechanics
Association**

Volume 27, Issue 2

March, 2020

Membership

- ☞ **Active Membership** is open to qualified mechanic who has responsibility in maintaining the operation of a safe and efficient pupil transportation system. (\$30)
- ☞ **Associate Membership** is open to other Ohio school officials who are interested in promoting safe pupil transportation in Ohio, retired OSBMA members, and vendors. (\$20)
- ☞ Membership is good for one year: July 1 - June 30.
- ☞ General aim is to advance pupil transportation as a part of a school district's public education program.
- ☞ Please join us in promoting safe and efficient pupil transportation in Ohio.

SURVEY RESULTS

2019 Fall Workshop (averages based on 70 surveyors)

Average age of Mechanics	43 yrs old
Oldest Mechanic	66 yrs old
Youngest Mechanic	23 yrs old
Average years of service	10 yrs
Most years of service	40 yrs
Least years of service	6 Months
Average gross income	\$48,433
Buses per Mechanic	19
How often Mechanics have to drive bus:	
Often	17%
Sometimes	65%
Never	18%
Cookies ate while at Doubletree	2
Most cookies ate	50 (wow!)

Thank you to everyone who participated!!!

Inside this issue:

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Spotlight!

RYAN GROSS, OSBMA CENTRAL REGIONAL DIRECTOR

School District: Jonathan Alder Local Schools

Position: Mechanic

How long have you been with the OSBMA and what Titles have you held?

I have been an OSBMA member since 2003. I have held an ASE Master School Bus Technician Certification since 2008...*which reminds me that I need to recertify.* I am currently the OSBMA Central Regional Director

What do you enjoy most about being part of the OSBMA Executive Committee?

Well I am not exactly sure yet, as this will be my first year on the committee. I do enjoy talking with the other mechanics and hearing about all their trials and tribulations. It's definitely a reminder that I'm not the only one experiencing issues.

What do you enjoy doing in your spare time/ hobbies?

I have quite a few hobbies. I am an avid marine aquarist; I enjoy riding motorcycles both on and off road; and I also love taking my boat out on a hot summer day.

Do you have any hidden talents?

I enjoy playing drums, but I don't know if I'm very talented. LOL

What is your favorite tool in your tool box?

This is a hard one, but I would have to say my Snap on 14.2v cordless screwdriver. We all know too well how many screws there are on a school bus.

Have you ever done a donut in an empty school bus? (for test purposes of course)

I plead the 5th...

How many grease zerks are on a 2009 Bluebird Vision?

Too many ??

What is your favorite Television Show or Movie?

I would have to say Pawn Stars. I really like seeing all the unique items people bring into the shop, and the history behind them.

What are your future plans/ goals in life?

I would love to start a coral aquaculture facility. I have a small start, but it is a huge investment of time and capital with a long term return on investment.



*Ryan Gross
Jonathan Alder Local Schools*

A **proctologist** gets sick of his medical career and decides it's time for a change. He does a bit of research and settles on trying his hand at being a mechanic.

He attends mechanic school diligently and pays attention in the hopes of being the best mechanic in town. After taking his final exam, he notices a mistake with the grade on the test and asks the teacher.

"Sir, you have me 150% out of a possible 100% on the practical exam. This must be a mistake!"

The teacher replies, "It's no mistake.

50% of the grade is for perfect disassembly of the engine.

50% is for perfect reassembly of the engine.

I gave you another 50% on top because you did it all through the exhaust pipe!"





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 Email: osbma@osbma.org
www.osbma.org

Ohio School Bus Mechanics Association

"Promoting Safe & Efficient Pupil Transportation in Ohio"

OHIO SCHOOL BUS MECHANICS ASSOCIATION SPRING WORKSHOP APRIL 10, 2020

All school bus mechanics in Ohio are invited to attend!

This workshop will be held at the Ohio Department of Transportation—Auditorium, 1980 West Broad Street, Columbus, Ohio.

Attending this workshop will help meet in-service requirements for school bus mechanics.

Registration is limited to the first 250 registrants.

Return your registration form and payment (or purchase order) by **April 6, 2020**.

You will receive a **Confirmation & Admission Ticket**, which will confirm your registration and be your receipt of payment.

Walk-in registrations will not be accepted.

Friday, April 10, 2020

INSERVICE TRAINING REQUIREMENT

7:30 – 8:30 am	Registration/Continental Breakfast
8:30 – 9:30 am	SESSION I—Ohio Highway Patrol Updates / Q & A
9:45 – 11:45 am	SESSION II—Diesel Exhaust After-Treatment (part 1)
11:45 – 12:30 pm	LUNCH
12:00 – 12:30 pm	AMERICA'S BEST TESTING
12:30 – 3:00 pm	SESSION II—Diesel Exhaust After-Treatment (part 2)

The Ohio School Bus Mechanics Association provides each registrant with a Certificate of Achievement that serves as your permanent record of participation.

This certificate is suitable for framing or can be placed in your personnel file to show that you have fulfilled the yearly in-service training requirements of section 3301-83-10 of the Ohio Pupil Transportation Operation & Safety Rules.

SESSION TOPICS

Ohio Highway Patrol Updates

Presented by: Lieutenant Aaron J. Reimer, Office of Field Operations, Licensing and Commercial Standards

Lt. Reimer will be reviewing **SCHOOL BUS INSPECTION ISSUES**, the **SCHOOL BUS INSPECTION MANUAL** and changes in the **CONSTRUCTION STANDARDS**. There will also be time for Q & A.

Diesel Exhaust After-Treatment

Presented by: Al Zimmerman—Field Sales Representative, D&W Diesel

Art Dixon—Field Sales Representative, D&W Diesel

Frank Janis—Training Facilitator, D&W Diesel

Greg O'Connor—Regional Sales Manager, D&W Diesel

This class will cover aspects of the diesel emissions systems from model year 2008 - present.

The presentation will focus around **SYSTEM COMPONENTS, THEORY OF OPERATION, DIAGNOSTICS, REPAIRS and MAINTENANCE**.

AMERICA'S BEST SCHOOL BUS TECHNICIAN—STATE COMPETITION

All members of the Ohio School Bus Mechanics Association are invited to take a test to determine the Ohio representative in the national America's Best School Bus Technician competition. This event will take place in the fall of 2020. More information can be found at www.napt.org/americasbest.

**Those signing up to take the test will be first in line for lunch, then take the test in a separate, quiet room.*

Registration

Complete the registration form and return it with payment by April 6, 2020. You will receive a Confirmation and Admission Ticket which serves as your receipt of payment. *Keep this in a safe place and bring it with you to register.*

Cancellations

Cancellations received up to five working days before the workshop are refundable, minus a \$10.00 registration service charge. After that, cancellations are subject to the entire workshop registration fee, which may be applied toward future workshops.

Substitutions

Substitutions may be made, however, any additional fees due membership status must be paid at or prior to the workshop.



Ohio School Bus Mechanics Association

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OHIO SCHOOL BUS MECHANICS ASSOCIATION SPRING WORKSHOP

FRIDAY, APRIL 10, 2020

REGISTRATION FORM

Name	School District	County	
Home Address		Home Phone	
Home Address (continued)		Work Phone	
Email Address		Cell Phone	
<p>Return the registration form and payment by April 6, 2020. School districts using purchase orders are responsible for paying the registration fee even if their mechanic does not attend (*see cancellations).</p> <ol style="list-style-type: none"> 1. Mail form with a purchase order, check, money order or credit card information. 2. Email form with a purchase order or credit card information. 3. Fax form with a purchase order or credit card information. <p>Checks payable to: OHIO SCHOOL BUS MECHANICS ASSOCIATION</p>		<p>Are you a CURRENT MEMBER of the OHIO SCHOOL BUS MECHANICS ASSOCIATION?</p> <p>YES, membership number: <input type="text"/></p> <p>I'm sending \$60.00 for workshop registration. \$60 <input type="checkbox"/></p> <p>NO, but I wish to renew or become a new member.</p> <p>I'm sending \$30.00 for membership and \$60.00 for workshop registration. \$90 <input type="checkbox"/></p> <p>NO. I do not wish to be a member.</p> <p>I'm sending \$85.00 for workshop registration \$85 <input type="checkbox"/></p> <p><i>*Registration and payment or purchase order must be postmarked, faxed or emailed by April 6, 2020.</i></p>	
Check # <i>if applicable</i>	If paying by credit card: <input type="checkbox"/> VISA <input type="checkbox"/> MasterCard <input type="checkbox"/> DISCOVER		3-digit security code:
PO # <i>if applicable</i>	Credit Card # <i>if applicable</i>	Expiration date <i>MM/YYYY</i>	Billing Zip Code <i>zip code</i>
Name on card:			

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FROM THE NORTH:

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- ⇒ Exit #97 (West Broad Street)
- ⇒ Turn left onto West Broad Street
- ⇒ Straight for 1/2 mile, turn right

FROM THE EAST:

- ⇒ Take I-70 West
- ⇒ Exit #97 (West Broad Street)
- ⇒ Turn left onto West Broad Street
- ⇒ Straight for 1/2 mile, turn right

FROM THE SOUTH:

- ⇒ Take I-71 North to I-70 West
- ⇒ Exit #97 (West Broad Street)
- ⇒ Turn left onto West Broad Street
- ⇒ Straight for 1/2 mile, turn right

FROM THE WEST:

- ⇒ Take I-70 East
- ⇒ Exit #97 (West Broad Street)
- ⇒ Turn right onto West Broad Street
- ⇒ Straight for 1/2 mile, turn right

MAP

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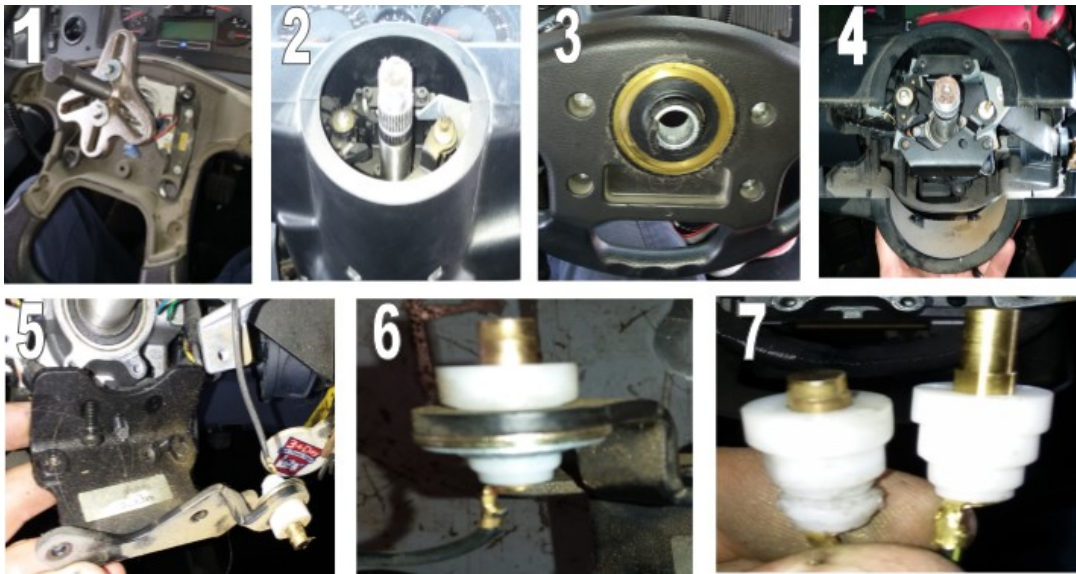
QUALITY INN & SUITES (4.89 mi) 614-771-8944 or 1-800-4CHOICE
2340 Westbelt Drive, Columbus, Ohio 43228

RED ROOF INN COLUMBUS WEST (5.53 mi) 614-878-9245 or 1-800-RED-ROOF
5001 Renner Road, Columbus, Ohio 43228

TIPS & TRICKS

I remember (years ago) the first time I had a driver tell me their horn didn't work. I went out, honked the horn, and it worked just fine. Crazy driver right? Well maybe they weren't crazy. It seems to be an issue when the wheel is in a certain position. After doing some further research, I was able to find the culprit. The Horn Brush Assembly had worn down and would not always make contact with the Cancellation Contact Plate on the back of the steering wheel.

So here are a few pictures of removal. Start with removing the steering wheel (fig.1). Once removed, you can see the brass colored cancellation contact plate (fig.3). That just pops off to replace. Next, remove the upper and lower steering column shroud (fig.4). You will see a metal bracket that holds the Horn Brush in place (fig.5). Remove that bracket. Now you can remove the Horn Brush from the bracket and reinstall all parts. Figure 7 shows the old versus new Horn Brush. You can see how it has worn all most completely gone.



Part# and Price from Cardinal Bus Sales:
KIT, DCM, BRUSH, HORN, ASSEMBLY
PLATE, CONTACT, CANCELLATION

#001B/10006555	\$20.13
#001B/10015829	\$27.21

FEEL FREE TO EMAIL ME CKLINGE@PHPATRIOTS.ORG
ANY TIPS OR TRICKS YOU MAY HAVE AND WE CAN SHARE THEM WITH OUR FELLOW MECHANICS.

Chad Klinge, OSBMA Newsletter Editor, Patrick Henry Local Schools



Congratulations to Stephen Wagner, Napoleon Area City Schools for winning 2nd place at the "America's Best Training & Skills Challenge" held December 6-8, 2019 in Cypress, Texas.

Pictured left to right:

Stephen Wagner, Napoleon Area City Schools; **Steven A. Simmons**, Columbus City Schools (retired), President of the NAPT; and **Dwight Gleaves**, Hydrotex, Affiliate Member Director NAPT





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