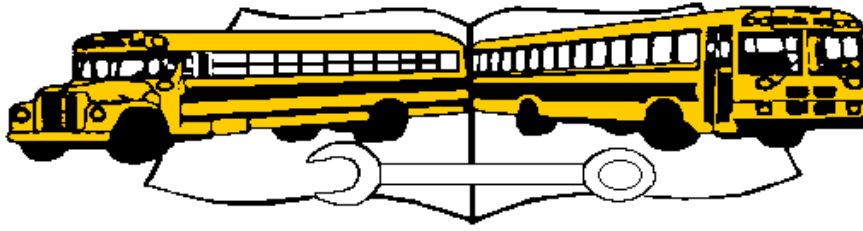


# The Mechanic's Messenger



## OSBMA Logo Contest!

Its been over thirty years; time for an upgrade! The Ohio School Bus Mechanics Association wants your input on the new logo design. The contest is open to all active members of the association.

The current logo (above) displays two buses (conventional and transit), a book for continuing knowledge and a wrench. The new logo should represent the Ohio School Bus Mechanics Association motto: **Promoting Safe and Efficient Pupil Transportation in Ohio.**

Put your creative minds to work and lets see if we can spruce things up a bit. We will vote for the best new Logo at the Fall Workshop in October and the winner will receive a \$100 Visa Gift Card. You may send in as many designs as you would like. All designs must be original (*please follow copyright laws*).

Logo entries can be emailed to [osbma@osbma.org](mailto:osbma@osbma.org) or can be dropped off at the registration table at the 33rd Annual OSBMA Workshop in October. Be sure to include your name, school district/employer, member number and contact information with your entry. All entries must be received by October 18, 2022. Good luck!

## OSBMA Facebook Page

All current Active and Associate members of the Ohio School Bus Mechanics Association are invited to join the OSBMA Facebook page!

Search for the "Ohio School Bus Mechanics Association" and click on "Join Group".

An administrator will verify your membership status and admit you to the group.

<https://www.facebook.com/groups/285004800279493>

## Ohio School Bus Mechanics Association

Volume 30, Issue 1

August, 2022

## 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.

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## Mechanic Spotlight!

**ADAM HARJU**

**Jefferson Area Local Schools**

**Position: Head Bus Mechanic**

**How long have you been a part of the OSBMA?**

Off and on, about 12 years. I presently serve as the Treasurer for the association.

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

Getting helpful information from the classes and the mechanics that make working on the buses easier. (The break from the garage and family doesn't hurt either!)

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

I would have to say fishing, sleeping, and working on NON yellow vehicles!!!

**Do you have any hidden talents?**

I can sing a little bit (with enough liquid courage).

**How many times a year on average do you fall asleep inside or under a bus?**

Why? Who saw me? Lol

**How many grease zerks are on a 2017 BlueBird All American?**

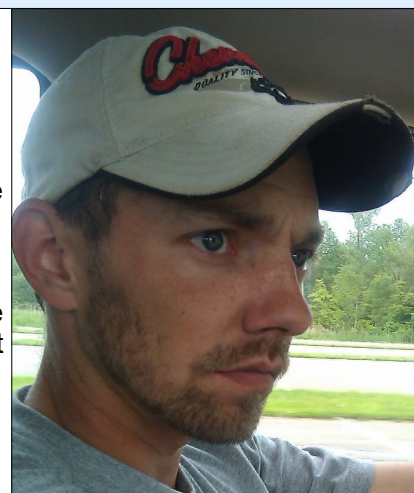
21 (All 4 Slack Adjusters & "S" Cams "8", Both Lower King Pins "2", Both Upper King Pins "2", Tie Rod "2", Drag Link "2", Steering Shaft "2", Gear Box "1", AND Rear Door "2")

**What is your favorite Television Show or Movie?**

Any of the Fast and Furious sagas, Dukes Of Hazzard, (Basically anything with fast cars and good looking girls.)

**What are your future plans/ goals in life?**

Survive another 12 years till retirement, then live my best life!!!



*Adam Harju  
Jefferson Area Local Schools*

---

An engineer who was unemployed for a long time decided to open a medical clinic. He puts a sign outside the clinic:  
**"A CURE FOR YOUR AILMENT GUARANTEED AT \$500; WE'LL PAY YOU \$1,000 IF WE FAIL."**

A Doctor thinks this is a good opportunity to earn \$1,000 and goes to his clinic.

Doctor: *"I have lost my sense of taste."*

Engineer: *"Nurse, please bring the medicine from box 22 and put 3 drops in the patient's mouth."*

Doctor: *"This is Gasoline!"*

Engineer: *"Congratulations! You've got your taste back. That will be \$500."*

The Doctor gets annoyed and goes back after a couple of days to recover his money.

Doctor: *"I have lost my memory. I cannot remember anything."*

Engineer: *"Nurse, please bring the medicine from box 22 and put 3 drops in the patient's mouth."*

Doctor: *"But that is Gasoline!"*

Engineer: *"Congratulations! You've got your memory back. That will be \$500."*

The Doctor leaves angrily and comes back after several days, more determined than ever to make his money back.

Doctor: *"My eyesight has become weak."*

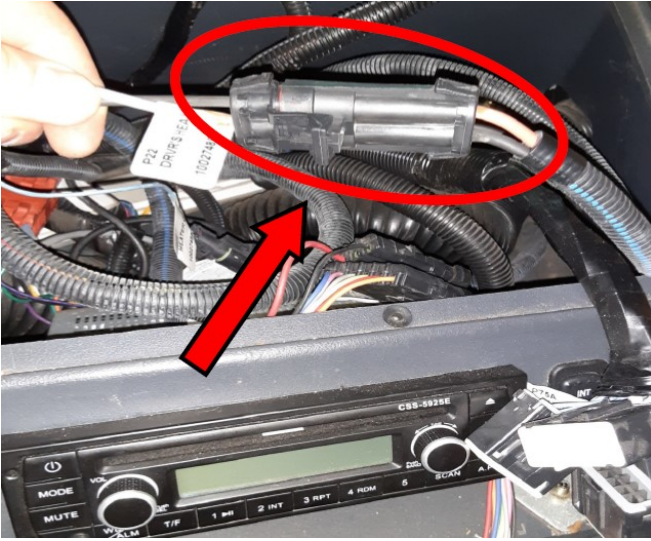
Engineer: *"Well, I don't have any medicine for this. Take this \$1,000," passing the doctor a \$500 note.*

Doctor: *"But this is \$500..."*

Engineer: *"Congratulations! You've got your vision back! That will be \$500."*



# TIPS & TRICKS



If you ever come across an inop step well heater on a 2017-2021 All American, here's what I have found on all four of ours. After checking the motor for power (which takes sometime due to a million screws and hand rail removal) and checking fuses, the problem was actually at a connector behind the dash. Must be due to a bad connection at the red circled connector which is located just behind the radio. It seems to get hot and melt the connector and loose contact with the wiring. So I cut out the bad connector and put some heat shrink butt connectors in its place. So if you happen to have this issue check there first, it may save you some time!



Chad,

Saw your article in the OSBMA newsletter about using INSITE. A few years back I was just starting to use it and was struggling. Very familiar with all the Navistar programs but INSITE was a struggle. Finally decided to spend the \$100 on the linked webinar.

In my opinion it was well worth it. After watching I was able to do a lot more with INSITE and hab a much better understanding of what I was seeing and doing. It is about two hours long. The presenter definately knows the program. He methodically goes thru everything including blank ECM flashing and doing updates. Once you buy it you can revisit it as often as you want by logging back in. Last November they had free access for one month. Maybe they will do that again.

IMHO it would be a huge help to somebody that was new to INSITE. Just my two cents worth.

<https://training.diesellaptops.com/collections/online-training/products/cummins-insite-premium-webinar-recording>

*Rex W Unkefer. Diagnostic guy at Alliance Motors Inc. Alliance OH 44601 330-821-3850*

FEEL FREE TO EMAIL ME [CKLINGE@PHPATRIOTS.ORG](mailto: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*



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

## Ohio School Bus Mechanics Association "Promoting Safe & Efficient Pupil Transportation in Ohio"

### 33rd ANNUAL OHIO SCHOOL BUS MECHANICS ASSOCIATION WORKSHOP OCTOBER 17-19, 2022

All school bus mechanics in Ohio are invited to attend!

This workshop will be held at the **DoubleTree by Hilton Columbus-Worthington**, 175 Hutchinson Avenue, Columbus, Ohio. Attending this workshop will help meet in-service requirements for school bus mechanics. Registration is limited to the first 225 registrants. Session sizes are limited; therefore, return your registration form and payment (or purchase order) by **October 15, 2022**. 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.*

DAY ONE – Monday October 17, 2022	DAY TWO – Tuesday October 18, 2022	DAY THREE – Wednesday October 19, 2022
7:00 pm – 11:00 pm Monday Night Gathering to kick off the Annual Workshop.  Come join us at the Pastimes Pub & Grill (a short distance from the DoubleTree Hotel).  Food & drink provided 7 - 9 pm!	7:30 am – 8:30 am Registration/Continental Breakfast 8:30 am – 9:00 am Welcome, General Session 9:00 am – 11:00 am SESSION I 11:00 am – noon <u>HOT BUFFET LUNCH</u> noon – 2:00 pm SESSION II 2:00 pm – 5:00 pm Vendor Exhibit Show 5:00 pm Dinner on your own 7:00 pm – 11:00 pm Toss'em Tuesday!	7:00 am – 8:00 am Continental Breakfast 8:00 am – 10:00 am SESSION III 10:00 am – noon SESSION IV noon - 1:00 pm <u>HOT BUFFET LUNCH</u> 1:00 pm – 2:30 pm Annual Meeting, Certificates, Awards & Door Prizes

SESSION TOPICS – This annual workshop will include four sessions, each two hours in length.

#### SCHOOL BUS BODY - Ohio Specifications & New Improvements *You will attend one of these three sessions.*

<b>BLUE BIRD</b>	Presented by Tony Rumer, Cardinal Bus Sales & Service
<b>IC</b>	Presented by Jim Stickel, Rush Bus Centers of Ohio
<b>THOMAS</b>	Presented by Craig Myers, Myers Equipment

#### SCHOOL BUS MAINTENANCE *You will attend three \* of the nine sessions.*

<b>ALLISON TRANSMISSIONS</b>	Presented by Rick Taylor & Norm Martin, Allison Transmissions
<b>BRAKES—AIR DISC &amp; FOUNDATION</b>	Presented by Dave Rader, Jeremiah Chan & John Cirigliano, SilverBackHD
<b>CAMERA DIAGNOSTICS</b>	Presented by Jeff Wager, REI—Radio Engineering Industries
<b>CLEANING SOLUTIONS</b>	Presented by Tim Esposito, Enzo's Cleaning Solutions
<b>CUMMINS ENGINE</b>	Presented by Dave Dickerson, Cummins Sales & Service
<b>FILTERS &amp; COOLANT</b>	Presented by Ray Weidmann, Cummins Filtration Fleetguard
<b>RETIREMENT</b>	Presented by Cameron Vaughan, School Employees Retirement System
<b>SCAN TOOLS &amp; TROUBLESHOOTING</b>	Presented by Guy Garrett, Bosch
<b>TIRES "FAILED TIRE ANALYSIS"</b>	Presented by Tony Scannell, Wonderland Tire Company

#### OPEN FORUM - School Bus Inspections *All attendees will be able to participate.*

#### CERTIFICATE OF ACHIEVEMENT

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.

#### WORKSHOP COST SUMMARY

Workshop Registration (current members)	\$185 if registered 8/1 - 9/15	\$210 if registered 9/16 - 10/15
Renew or Become a New Member	\$30 (membership good 7/1/22 - 6/30/23)	
Workshop Registration (non-members)	\$255	



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## Ohio School Bus Mechanics Association "Promoting Safe & Efficient Pupil Transportation in Ohio"

### 33rd ANNUAL OHIO SCHOOL BUS MECHANICS ASSOCIATION WORKSHOP OCTOBER 17-19, 2022

Name	School District	County	<b>T-SHIRT SIZE:</b>	
Home Address		Home Phone	Medium	
Home Address (continued)		Work Phone	Large	
Email Address		Cell Phone	XL	
			2XL	
			3XL	
			4XL	

☐ I am an ASE Master School Bus Technician, and will be honored to receive an award (first time) from OSBMA.  
ASE certification# \_\_\_\_\_ (for verification purposes)

☐ I am interested in taking the test to be eligible to represent Ohio at the next America's Best School Bus Technician competition.

All registrants will attend the vendor show.  
Select one topic in category 1 and three topics in category 2 below:

#### CATEGORY 1 – School Bus Body Diagnosis: (choose one)

- ☐ Blue Bird  
☐ IC  
☐ Thomas

#### CATEGORY 2 – School Bus Maintenance: (choose three)

- ☐ Allison Transmissions  
☐ Brakes—Air Disc & Foundation  
☐ Camera Diagnostics  
☐ Cleaning Solutions  
☐ Cummins Engine  
☐ Filters & Coolant  
☐ Retirement  
☐ Scan Tools & Troubleshooting  
☐ Tires

All attendees will be able to participate in the  
**Open Forum** (School Bus Inspections).

#### Are you a CURRENT MEMBER of the OHIO SCHOOL BUS MECHANICS ASSOCIATION?

YES, membership number:

Early Bird Rate\* (8/1 – 9/15) \$185

Regular Rate (9/16 – 10/15) \$210

NO, but I wish to renew or become a new member.

Early Bird Rate\* (8/1 – 9/15) \$215

Regular Rate (9/16 – 10/15) \$240

NO. I do not wish to be a member.

(8/1 – 10/15) \$255

Make check out to:  
**OHIO SCHOOL BUS MECHANICS  
ASSOCIATION**

\*Registration and payment or purchase order  
must be postmarked, faxed or emailed by  
September 15 to receive the "Early Bird" rate!

Check # if applicable	If paying by credit card:			Security Code
	<input type="checkbox"/> VISA	<input type="checkbox"/> MasterCard	<input type="checkbox"/> DISCOVER	<input type="checkbox"/> AMERICAN EXPRESS
PO # if applicable	Credit Card #	Expiration date MM/YYYY	Billing Zip Code zip code	
	Name on card:			

#### WORKSHOP REGISTRATION

Return the registration form and payment by September 15 to receive the discounted "early bird" rate. **The regular rate will apply September 16 through October 15, 2022.** School districts using purchase orders are responsible for paying the registration fee even if their mechanic does not attend (\*see cancellations below).

1. Mail form with a purchase order, check or 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.

#### 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 you may apply toward future workshops. Please note that if you do not cancel and do not attend, you are still responsible for payment.

#### SUBSTITUTIONS

Substitutions may be made, however, any additional fees due to the person substituting not being a current member, must be paid before or at registration.

#### ROOM RESERVATIONS

Room reservations are to be made separately online or by calling the DoubleTree by Hilton Columbus/Worthington at 614-885-3334 or 800-870-0349. A link at [www.osbma.org](http://www.osbma.org) will take you straight to the dedicated website to reserve rooms online 24/7. **The special group rate of \$103 will be available until September 26, 2022 or until the group block is sold out, whichever comes first.** Use the group code "BMA" or the group name "OSBMA 2022 Fall Conference" by phone) to ensure you receive the special group rate. Your consideration of this location will help reduce the cost of this workshop and future workshops. Have your school's tax identification number on-hand when making reservations. Tax exemption privileges will be honored to individual guests producing a school district tax exemption certificate and paying with a school check or school credit card. All rooms must be guaranteed by advance deposit or credit card. Guest check in time is 4pm and check out time is 11am.

Room at DoubleTree by Hilton \$103.00 per night / flat rate\* single or double  
\$7.73 sales tax\*\* (7.50%)  
~~\$10.30~~ bed tax (10%)  
\$121.03

\*Flat rate means \$107 per room, not per person.  
Two people could divide the cost at \$51.50 each plus applicable tax). \*\* Sales tax will be applied if the room is not paid by a school district.

**Each room reservation includes a hot breakfast buffet and high speed Wi-Fi.**





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If you would like information on advertising in this quarterly newsletter, please contact: Chad Klinge (419)769-0472

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