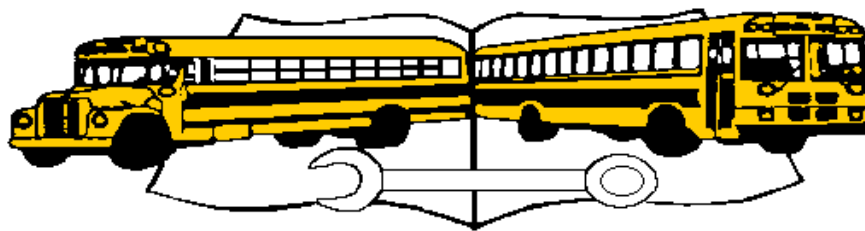


The Mechanic's Messenger



OSBMA President's Message

Greetings to my fellow school bus mechanics! I am excited to be starting my term as the President of the Ohio School Bus Mechanics Association. I have been a member of OSBMA for eight years and have served as an Associate Director and Regional Director of the Northwest Region and Vice President. I love providing fellow mechanics with knowledge and training to keep Ohio's buses safe, and have worked on setting up many training classes on the regional level as well as for the annual spring and fall workshops.

I hope you will be able to take advantage of the extravaganza planned for October. This event has blossomed into 3 days of networking, learning, and information explosion! We were very encouraged last year to see many new school bus mechanics attending.



The fun begins at the **Monday Night Gathering** where you can meet school bus mechanics from across Ohio and begin valuable networking. Registration is Tuesday morning and that is when the **Training Sessions** begin. You will attend the classes that are geared to what you need to learn: (1) school bus body class, (1) school bus engine class and (2) school bus maintenance classes. Come prepared to learn, take notes, and have your questions/issues answered. The **Annual Vendor Show** is held on Tuesday afternoon, with over 40 vendors from across the nation (and Canada). Spend time getting to know the vendors who supply the needed bus equipment for your fleet. Dinner is on your own that night. Many attendees are invited by the vendors to go out to eat, or you can make your own arrangements. The **Toss'em Tuesday** event begins at 7pm and includes a corn-hole tournament! If you are bringing a spouse or significant other, they can participate also. Don't stay out too late—sessions begin early on Wednesday! We will wrap up the event on Wednesday afternoon following a short **Annual Meeting**. This is where the eight regions will gather and discuss the issues they are experiencing and what regional workshops they would like to see. Regional Directors (2-year term) will be voted on for the Northwest, North, South and West regions. Make sure you stay until the very end as there will be **Door Prizes** donated by OSBMA and many of the vendors—tools, flat screen TV, gift cards, etc.

I hope you will take advantage of this awesome opportunity to make sure you receive the training you need to service your fleet!

Ohio School Bus Mechanics Association

Volume 25, Issue 1

July, 2017

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.

Inside this issue:

Tips & Tricks	2
West Regional Workshop	2
Annual Workshop Registration	3-4
Spotlight: Chris Dingus	5
Job Opportunities	5
Joke!	5
Support School Bus Safety in Ohio	6
Advertising	6-8
Executive Committee	8

The 29th Annual
Ohio School Bus Mechanics Association Workshop
will be held October 10 & 11, 2017 in Columbus, Ohio.

TIPS & TRICKS

The air system on a school bus is made of many different parts. When issues arise, where do you start to look? Maybe the air compressor, dryer, governor? It all depends on the problem you are dealing with. Here are a few issues I have dealt with over the years. These problems were all related to the same thing and luckily easy fixes.

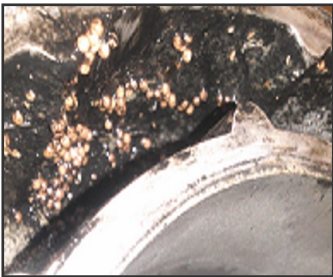


The air dryer cartridge is full of thousands of small beads which aids in drying the air. Here are a few examples of those beads becoming unsealed from the cartridge and causing some internal issues.

This dryer had a constant small air leak from the exhaust/bottom. As you can see, a few beads became stuck in-between the valve, which would not allow it to close completely. After disassembling and cleaning, the problem was fixed.



This picture shows a delivery check valve (which is located in the side of an AD-IP air dryer) with a desiccant bead stuck in-between the o-ring which would not allow the check valve to properly seal. The dryer would discharge (blow off) every 10 seconds. In the past I have changed unloaders in some compressors for the same issue. This was a much easier fix!



Here is the inside of an air dryer filled with oil and desiccant beads. This bus also had a compressor that needed rebuilt due to oil blow by. I change most of our cartridges once a year depending on mileage.



Do you have any Tips or Tricks? Email me cklinge@phpatriots.org and we can share this helpful information with our fellow Mechanics.

Chad Klinge, OSBMA Newsletter Editor, Patrick Henry Local Schools

West Regional Workshop

There are still openings available!

Rob Widener, West Regional Director, has planned a regional workshop for the school bus mechanics in the west region. This workshop will take place at the Greenville City Schools Bus Garage, August 2, 2017. Topics include:

Kenworth of Dayton: Will talk about dealership (Allison Transmission may join them)

Paccar: Paccar Bus/Specialty Market - all parts Kenworth of Dayton can offer for buses (BESI may join them)

Fleetguard: Fleetguard filters and coolant

Bendix: Bendix brake shoes and slack adjusters

MGM: brake chambers

Ropple: radiators, condensers, DPF and EGR coolers

Registration information can be found at www.osbma.org



PO Box 30844, Gahanna, OH 43230
Phone 614-478-9300 Fax 614-478-9304
Email: osbma@osbma.org
www.osbma.org

Ohio School Bus Mechanics Association

"Promoting Safe & Efficient Pupil Transportation in Ohio"

29TH ANNUAL OHIO SCHOOL BUS MECHANICS ASSOCIATION WORKSHOP OCTOBER 9-11, 2017

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 275 registrants. Session sizes are limited; therefore, return your registration form and payment (or purchase order) by **October 4, 2017**. 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 9, 2017	DAY TWO – Tuesday October 10, 2017	DAY THREE – Wednesday October 11, 2017
<p>7:00 pm – 11:00 pm Monday Night Gathering to kick off the Annual Workshop.</p> <p>Come join us at the Pastimes Pub & Grill (a short distance from the DoubleTree Hotel).</p> <p>Food & drink provided 7 - 9 pm!</p>	<p>7:30 am – 8:30 am Registration/Continental Breakfast</p> <p>8:30 am – 9:00 am Welcome, General Session</p> <p>9:00 am – 11:00 am SESSION I</p> <p>11:00 am – noon <u>HOT BUFFET LUNCH</u></p> <p>noon – 2:00 pm SESSION II</p> <p>2:00 pm – 5:00 pm Vendor Exhibit Show</p> <p>5:00 pm Dinner on your own</p> <p>7:00 pm – 11:00 pm Toss'em Tuesday!</p>	<p>7:00 am – 8:00 am Continental Breakfast</p> <p>8:00 am – 10:00 am SESSION III</p> <p>10:00 am – noon SESSION IV</p> <p>noon - 1:00 pm <u>HOT BUFFET LUNCH</u></p> <p>1:00 pm – 2:30 pm Annual Meeting, Certificates, Awards & Door Prizes</p>

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

SCHOOL BUS BODY Ohio Specifications & New Improvements <i>You will attend one of these three sessions.</i>		SCHOOL BUS ENGINE Diagnosis & New Improvements <i>You will attend one of these three sessions.</i>	
BLUE BIRD	Cardinal Bus Sales - Tony Rumer	CAT	Ohio CAT - Ben Courson & Bill Roenbaugh
IC	Rush Bus Centers of Ohio - Jim Stickel Jr, Bobby Schalk, Mike Kanoski & Steve Coil	CUMMINS	Cummins Bridgeway, LLC - Jim Cushman & Dexter Dorris
THOMAS	Myers Equipment - Craig Myers	INTERNATIONAL	Rush Bus Centers of Ohio - Jim Stickel Sr, Mitch Wilson, Joel Crist & Kevin Campbell

SCHOOL BUS MAINTENANCE *You will attend two of these six sessions.*

BENDIX AIR DISC BRAKES	Take a Brake! What's Stopping You? Bendix Air Disc Brakes ADB22X—maintenance, trouble-shooting and parts replacement presented by Bendix Commercial Vehicle Systems
CHARGING SYSTEMS	Get Revved Up! Troubleshooting the charging system which includes batteries, cabling, alternator, and sizing of the alternator to vehicle electrical loads. The presentation also includes maintenance pointers for the various components of the charging system, batteries, cables, and alternators presented by Frank Byrd, Leece Neville
COOLANT & DIESEL FUEL	Don't Get Over-Heated! Coolant Maintenance and Diesel Fuel Maintenance "Bugs, A Growing Problem" presented by Penray
FOUNDATION BRAKES	How Firm is Your Foundation? HANDS-ON! Brake/Slack Adjuster training, including inspection & installation presented by Stemco
KING PINS & WHEEL ENDS	Are You Steered in the Right Direction? HANDS-ON! King Pins: demo, inspect, teardown & reassembly; Wheel Ends: reviewing, inspecting and installation, including torque procedure presented by Stemco
TRANSMISSIONS	Don't Let Your Gears Grind! Transmission Preventative Maintenance and Troubleshooting presented by Allison Transmissions

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 7/15 - 9/15 \$210 if registered 9/16 – 10/4
Renew or Become a New Member	\$30 (good 7/15/17 – 6/30/18)
Workshop Registration (non-members)	\$255



PO Box 30844, Gahanna, OH 43230
Phone 614-478-9300 Fax 614-478-9304
Email: osbma@osbma.org
www.osbma.org

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

29TH ANNUAL OHIO SCHOOL BUS MECHANICS ASSOCIATION WORKSHOP OCTOBER 9-11, 2017

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

☐ 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 2018 America's Best School Bus Technician competition.
*Select "America's Best" as one of your session topics.

All registrants will attend the vendor show.
Select one topic in category 1 & 2; and two topics in category 3 below:

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

- ☐ Blue Bird
☐ IC
☐ Thomas

CATEGORY 2 – School Bus Engine Diagnosis:
(choose one)

- ☐ CAT
☐ Cummins
☐ International

CATEGORY 3 – School Bus Maintenance:
(choose two)

- ☐ Bendix Air Disc Brakes
☐ Charging Systems
☐ Coolant & Diesel Fuel
☐ Foundation Brakes
☐ King Pins & Wheel Ends
☐ Transmissions

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

YES, membership number:

Early Bird Rate* (7/15 – 9/15) **\$185** ☐

Regular Rate (9/16 – 10/4) **\$210** ☐

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

Early Bird Rate* (7/15 – 9/15) **\$215** ☐

Regular Rate (9/16 – 10/4) **\$240** ☐

NO. I do not wish to be a member.

(7/15 – 10/4) **\$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 # <i>if applicable</i>	If paying by credit card: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			Security Code
PO # <i>if applicable</i>	Credit Card # <i>if applicable</i>	Expiration date MM/YYYY	Billing Zip Code zipcode	
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 4, 2017.** 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. (***Do not send credit card information via email as this does not meet PCI security requirements.**)
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 will take you straight to the dedicated website to reserve rooms online 24/7. **The special group rate of \$102 will be available until September 24, 2017.** Use the group code "OSB" or the group name "OSBMA 2017 Fall Conference" 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 \$102.00 per night / flat rate* single or double
 \$7.65 sales tax** (7.50%)
 \$10.20 bed tax (10%)
 \$119.85

*Flat rate means \$102 per room, not per person.
Two people could divide the cost at \$51 each
plus applicable tax). ** Sales tax will be applied
if the room is not paid by a school district.

Each room reservation includes Wi-Fi Internet and Breakfast Buffet for up to two people per room at the Crosswoods Restaurant (in the hotel)

Spotlight!

CHRIS DINGUS, OSBMA VICE PRESIDENT

School District: Ridgedale Local Schools

Position: Fleet Maintenance Manager

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

I have been with OSBMA for 5 years now. Vice President is the only title I have held so far.

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

I enjoy the ability to see that all of the School bus mechanics get the most up-to-date training that is needed to maintain safe busses.

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

I enjoy hunting, fishing, and working on cars.

Do you have any hidden talents?

Not that I have found yet. I am a "Jack of all trades, master of none".

How many gallons of paint would it take to paint the White House?

I would have to say about 560 gallons.

An electric train is moving north at 100 mph and the wind is blowing to the West at 10 mph. Which way is the smoke blowing?

Well if an electric train is smoking call the fire department!

What is your favorite Television Show or Movie?

Die Hard

What are your future plans/ goals in life?

My biggest goal is to get out of town and move to the country.



Job Opportunities

Do you know someone who is looking for a job in the pupil transportation industry? The Ohio School Bus Mechanics Association is pleased to post current opportunities on our website www.osbma.org. Current positions include:

Wadsworth City Schools—has an opening for a Transportation/Mechanic

Napoleon Area School—is looking to employ a Head Bus Mechanic

A pastor, a doctor, and a mechanic were waiting one morning for a particularly slow group of golfers.

The mechanic fumed, *"What's with these guys? We must have been waiting for fifteen minutes!"*

The doctor chimed in, *"I don't know, but I've never seen such ineptitude!"*

The pastor said, *"Hey, here comes the greens keeper. Let's have a word with him."* *"Hi George. Say, what's with that group ahead of us? They're rather slow, aren't they?"*

The greens keeper replied, *"Oh yes, that's a group of blind firefighters. They lost their sight saving our clubhouse from a fire last year, so we always let them play for free anytime."*

The group was silent for a moment.

The pastor said, *"That's so sad. I think I will say a special prayer for them tonight."*

The doctor said, *"Good idea. And I'm going to contact my ophthalmologist buddy and see if there's anything he can do for them."*

The mechanic said, *"Why can't these guys play at night?"*



Section 3301-83-10 of the Ohio Pupil Transportation Operation & Safety Rules

Each school bus owner shall provide the opportunity for school bus maintenance personnel to participate in an annual workshop or training seminar, with a minimum of four hours of instruction, in one or more of the following areas:

- (1) Preventive maintenance procedures;
- (2) Repair procedures for each type of vehicle in the fleet and its special equipment;
- (3) Servicing procedures for equipment;
- (4) Inspection of the vehicle and its equipment;
- (5) Recovery procedures for vehicles involved in an accident or breakdown;
- (6) Preparation of maintenance records;
- (7) Parts and equipment purchasing and storage;
- (8) Establishment of parts inventory control procedures.

Support School Bus Safety in Ohio!

National School Bus Safety Week—October 16 - 20, 2017 "STOP ON RED!"

The theme of the 2017 National School Bus Safety Week reminds motorists and students about the dangers that exist outside the school bus. Plan on participating as much as possible by promoting school bus safety to keep our kids safe! For more information, check out www.napt.org/nsbsw

School Bus Poster Contest

Do the kids in your school district participate in the School Bus Safety Week Poster Contest? This is a great way to educate kids on the importance of school bus safety. The **2017** National School Bus Safety Week Poster Contest theme is: **"My Driver – My Safety Hero!"** This poster theme will become the theme for the 2018 National School Bus Safety Week (3rd week in October)

Make sure your art teachers are aware of this fun and educational contest. There are even prizes given for the top scorers in four categories Division I (grades K-2), Division II (grades 3-5), Division III (grades 6-8), and Division IV (Special Education K-12). The full contest rules and entry forms are available at www.education.ohio.gov (search "poster contest"). The deadline is September 15, 2017 so get started on them now!

"My Driver – My Safety Hero!"



Disclaimer: The Ohio School Bus Mechanics Association does not necessarily endorse or support any of the advertised products. Products advertised may or may not meet Ohio specifications.

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

TECHNICIANS LOVE OUR BUSES, AND OUR HANDS-ON TRAINING PROGRAM.



MYERS EQUIPMENT CORP.
Canfield, Ohio
www.myersequip.com 800-232-7649

THOMAS BUILT BUSES

Truck Sales & Service, Inc.

Since 1933



New & Used Buses, Parts, Service & Complete Body Shop

Call us for your Student Transportation needs

Canton

330.580.6800
800.447.6791

Mansfield

419.522.9811
800.686.6144

Marietta

740.373.1081
800.837.8213

Midvale

740.922.3412
800.282.6100

Norwalk

419.668.1644
800.686.7402

There is power
in having options.



The IC Bus™ CE Series now offers the broadest selection of mid-range diesel engines in the industry – MaxxForce® 7, MaxxForce DT and the newest addition, Cummins ISB6.7. Rush Bus Centers continues to offer new and pre-owned sales, parts and service support for IC Bus throughout the state of Ohio.

Come see why you can expect more from Rush Bus Centers.

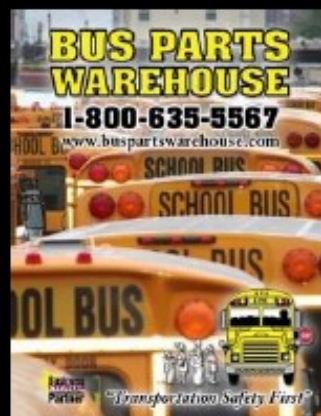


rushbuscenters.com

Rush Truck Center – Akron | 330-798-0600 Rush Truck Center – Columbus East | 740-964-2564
Rush Truck Center – Cincinnati | 513-733-8500 Rush Truck Center – Columbus West | 614-876-3500

IC Bus is a trademark of Navistar, Inc.

6811-1213RBC Ohio School Bus Maintenance Assoc QUARTER AD 2/11/2014



Our 2017 catalog is now available...

New innovative products

New product lines

Ask your Sales Representative for a copy
or download it from our website

www.buspartswarehouse.com

800-635-5567

P.O. Box 250 – East Syracuse, NY 13057

Bob Sumerel Tire Co.
Fleet Uptime Solutions

-H.D. Suspension & Spring Repair!
-Bus/Chassis Alignments!
-Mobile Alignment Capability Coming Soon!

Call Us Today For A Location Nearest To You
(800) 858-0421 www.BobSumerelTire.com
"Bob Sumerel Really Cares!"

f t+ a

Promoting Safe and Efficient Pupil Transportation in Ohio!

CERTIFYING THE AUTOMOTIVE PROFESSIONAL SINCE 1972

ASE-Certified Technicians The Proven Pros!

The ASE Blue Seal is the emblem automotive technicians wear with pride...
not because they have to, but because they want to.



www.asecert.org

National Institute for
AUTOMOTIVE
SERVICE EXCELLENCE
101 Blue Seal Drive, S.E., Suite 101
Leesburg, VA 20175 • (703) 669-6600

**OHIO SCHOOL BUS
INSPECTION MANUAL**
2016

**STATE
HIGHWAY
PATROL
OHIO**

OHIO STATE HIGHWAY PATROL
Licensing and Commercial Standards
statepatrol.ohio.gov

Revision Date: August/2016
ATTENTION SCHOOL ADMINISTRATORS:
This is a reference manual for your transportation personnel.

THE OHIO SCHOOL BUS INSPECTION MANUAL IS NOW AVAILABLE!

Visit www.statepatrol.ohio.gov
and click on publications at the
top. "2016 School Bus
Inspection Manual" is listed
under Licensing and
Commercial Standards
Publications.

Executive Committee 2017-18

PRESIDENT

Randy Behr, Maumee City (419) 893-1392

VICE-PRESIDENT

Christopher Dingus, Ridgedale Local (740) 262-7452

TREASURER

Paul Bierhup, Wellston City (740) 384-5167

SECRETARY

Kody Hittle, Zanesville City (740) 454-2768

PAST PRESIDENT

Bob Roth, Wadsworth City (330) 335-1323

NEWSLETTER EDITOR

Chad Klinge, Patrick Henry Local (419) 769-0472

EXECUTIVE SECRETARY

Susie Washburn, Executive Secretary (614) 478-9300
e-mail osbma@osbma.org fax (614) 478-9304

Lieutenant Aaron Reimer, Ohio Highway Patrol (614) 752-4817

Manuel Brooks, Ohio Department of Education (614) 466-2204

REGIONAL DIRECTORS

Central Charlie Osborn, Plain Local (614) 855-2028

East Michael Rote, Chippewa Local (330) 658-2113

North Tom Tingley, Clear Fork Local (419) 886-3491

Northeast David Bilbie, Buckeye Local (440) 992-2170

Northwest Chad Klinge, Patrick Henry Local (419) 274-4771

South Greg Pennington, Paint Valley Local (740) 634-3481

Southwest Jim Ball, Carlisle Local (937) 746-0710

West Rob Widener, Greenville City (937) 459-0567

SEND ALL CORRESPONDENCE TO:
Ohio School Bus Mechanics Association
P. O. Box 30844, Gahanna, Ohio 43230
Phone: (614) 478-9300
Fax: (614) 478-9304
Email: osbma@osbma.org
Website: www.osbma.org

