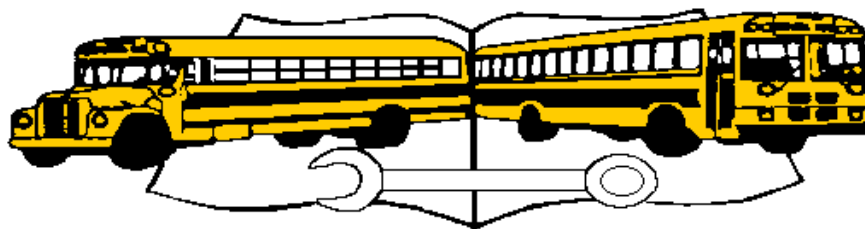


The Mechanic's Messenger



Annual Workshop Overview

Thank you to the many vendors who partnered with our organization to present the 29th Annual Ohio School Bus Mechanics Association Workshop. By all accounts it was a success! Please make sure you thank these vendors who supported us by presenting informative and worthwhile topics and/or displayed their products at the vendor show:

- 247 Security Inc.
- Advance Auto Parts/Carquest Auto Parts
- Allison Transmissions
- American Bus & Accessories, Inc.
- Angeltrax
- Auto-Jet Muffler Corp.
- Bendix Commercial Vehicle Systems
- Blue Bird
- Bob Sumerel Tire Co.
- Bosch
- Bus Movers and More/Ohio Schools Broker
- C & C School Bus Parts, LLC
- Cardinal Bus Sales
- CJM Solutions
- Cleveland Tank & Supply
- Cummins Sales & Service
- Delco Remy
- Easy Way Safety Services
- Eaton
- Enzo's Cleaning Solutions
- HSM Transportation Solutions
- IC Bus
- IFS - International Fuel Systems
- Kenworth of Columbus
- Krown Rust Control
- Leece-Neville
- Meritor Inc.
- MGM Brakes
- Misco Refractometer
- Myers Equipment
- NAPA Filtration
- NAPA Heavy Duty
- Navistar
- Northeast Lubricants
- Ohio Association for Pupil Transportation
- Ohio CAT
- Ohio Department of Education
- Palmer Trucks of Dayton
- Penray
- Q'Straint/Sure-Lok
- REI - Radio Engineering Industries, Inc.
- Rowleys Wholesale
- Rush Bus Centers of Ohio
- Stemco
- The W.W.Williams Company
- Thomas Built Buses
- Toledo Spring Parts & Service
- Transportation Accessories Co Inc
- Truck Sales & Service, Inc.
- Unity School Bus Parts
- W.W.Williams
- Webb Wheel Products, Inc.

Food was great and Bendix was educational. — *Roy Campbell, Logan-Hocking Local Schools*

Very informative, learned a lot of technical info. — *Josh Toussant, Streetsboro City Schools*

This year program was great. The hands-on with Stemco very informative. All events were great. — *Bill Thompson, Old Trail Schools*

This is my third year here and it keeps getting better each year. Great job people - Thanks! — *Mark Stratton, Fostoria City Schools*

Very informative, good hands-on training. — *Greg Gideon, New Albany-Plain Local Schools*

Classes were very informative. Food was very good. Overall was great! — *Roger Welch, Bloom Carroll Local Schools*

I thought everything was well organized and very beneficial. I especially liked the Stemco hands-on workshop. Cummins and Blue Bird were also very informative. I enjoyed both luncheon buffets. — *Tom Myers, Elgin Local Schools*

Very good show and accommodations. — *James Anderson, Franklin City Schools*

Ohio School Bus Mechanics Association

Volume 25, Issue 2

November, 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:

Storing Brooms	2
Thank you sponsors!	2
Spotlight: Kody Hittle	3
Funny Bumper Stickers	3
Tips & Tricks	4
Cummins Aftertreatment	5
Advertising	6-8
Executive Committee	8

Storing Brooms

There seems to be a little confusion on the proper way of storing brooms and the like on school buses. Please see (below) the section of the Highway Patrol's Inspection manual that talks about this topic.

FOR INSPECTION PURPOSES, THE PROPER MANNER IS DEFINED AS:
IN THE DRIVER'S AREA, SECURED AND NOT AVAILABLE TO THE RIDERS.

Page 21 of the inspection manual:

Cleanliness

- Seat assignment markings are permitted, but shall not cover emergency exit markings.
- All trash containers must be secured and shall not obstruct any aisle way to any entrance or exit and shall not interfere with any handrail.
- No flammable fluids, poisons or aerosol cans are permitted inside the school bus.
- All buses shall be kept clean inside and out.
- Only items necessary for the operation of the school bus (route slips, schedules, limited cleaning supplies, etc.) may be stored/carried on the bus. No oils, fuels or anti-freeze.

Out-of-Service Violations

- Loose items, garbage, decorations or any other item that could cause a distraction to the driver or cause injury to the occupants.
 - Brooms, scrapers, garbage cans not secured or stored in the proper manner.
 - Any unauthorized items that could cause a distraction to the driver and compromise the safe operation of the bus.
 - Pressurized containers or aerosols.
 - Flammable cleaning materials. (alcohol, turpentine, gasoline).
 - Name brand cleaning products allowed as well as personal use size hand sanitizer.
- Lieutenant Aaron J. Reimer, Office of Field Operations, Licensing and Commercial Standards

Thank you to the sponsors of the Monday Night Gathering to kick off the 29th Annual Ohio School Bus Mechanics Association! This event was held at Pastimes Pub & Grill on October 9th. What a great opportunity to meet school bus mechanics from other school districts and begin networking!



I hope everyone enjoyed themselves at the 2nd Annual OSBMA "Toss'em Tuesday" event held at the October Workshop in Columbus. We had a great turnout with two double elimination tournaments paying 1st and 2nd place in each. We had some Ringers and some Rookies. Be sure to practice up for next year the third annual "Toss'em Tuesday" event at the 30th Annual OSBMA Workshop and Vendors Show!

FIRST TOURNAMENT

First place winners were **Bobby "Bean Bag" Roth** and Mike (from Enzo's Cleaning Solutions).
Second place: Terry "The Ringer" and Matt Hoven.

SECOND TOURNAMENT

First Place: Mike (from enzo's) and Chad Klinge (it was blind draw I swear!)
Second Place: Terry "The Ringer" and Craig.

Lots of gift cards were given out as door prizes, plenty of snack and beverages, just a great atmosphere to network with other mechanics and vendors. We even gave away custom Cornhole boards!



Thank you! Thank you! Thank you! To our awesome sponsors!

-Chad Klinge



Spotlight!

KODY HITTLE, OSBMA SECRETARY

School District: Zanesville City Schools

Position: Fleet Manager

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

I have been with OSBMA for two years and I am currently the Secretary.

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

I like being involved in something that benefits us as mechanics. Sometimes it feels like we don't get enough credit and being a part of a group that gives credit to us as mechanics is great.

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

Fishing, hunting, camping and being outdoors.

Do you have any hidden talents?

None that I am aware of.

How many hot dogs (with buns) do you think you could eat in 10 minutes?

I think I could eat 10.

How many bus mechanics does it take to change a light bulb?

Around here only one because it is only me in the garage.

What is your favorite television show or movie?

Kickboxer or Bloodsport

What are your future plans/goals in life?

Live on the beach and own a charter fishing boat.



FUNNY BUMPER STICKERS!

BACK OFF! I'M NOT THAT KIND OF CAR.

BEAT RUSH HOUR, LEAVE WORK AT NOON.

CAUTION: DRIVER LEGALLY BLONDE!

CAUTION: I DRIVE LIKE YOU DO.

COME THE RAPTURE CAN I HAVE YOUR CAR?

COVER ME, I'M CHANGING LANES

DON'T LIKE MY DRIVING? THEN QUIT WATCHING ME.

DRIVE CAREFULLY, WE NEED EVERY TAXPAYER WE CAN GET.

DRIVER CARRIES NO CASH. HE'S MARRIED.

EXCUSE ME FOR DRIVING SO CLOSELY IN FRONT OF YOU.

FORGET ABOUT WORLD PEACE...VISUALIZE USING YOUR TURN SIGNAL.

HANG UP AND DRIVE!

HELLO, OFFICER. PUT IT ON MY TAB.

HIT ME, I NEED THE MONEY!

HONK IF ANYTHING FALLS OFF

HONK IF YOU LIKE PEACE AND QUIET.

HONK IF YOU'VE NEVER SEEN AN UZI FIRED FROM A CAR WINDOW.

HORN BROKE, WATCH FOR FINGER

I BRAKE FOR NO APPARENT REASON.

I BRAKE SUDDENLY FOR TAILGATERS

I DON'T HAVE A LICENSE TO KILL. I HAVE A LEARNER'S PERMIT.

I DRIVE WAY TOO FAST TO WORRY ABOUT CHOLESTEROL.

I HAVE GOOD BRAKES, DO YOU HAVE GOOD INSURANCE?

I RESPECT YOUR OPINION. I JUST DON'T WANT TO HEAR IT!

IF THIS CAR IS BEING DRIVEN COURTEOUSLY IT'S BEEN STOLEN.

IF YOU CAN READ THIS, I CAN SLAM ON MY BRAKES AND SUE YOU.

IF YOU CAN READ THIS, I'VE LOST MY TRAILER.

IF YOU DON'T LIKE MY DRIVING, GET OFF THE SIDEWALK.

I'M NOT AS THINK AS YOU DRUNK I AM.

KEEP HONKING...I'M RELOADING



TIPS & TRICKS

Thank you to everyone who participated in the Tips & Tricks contest at the 29th Annual Workshop in Columbus. We had lots of input from fellow mechanics, its great to share these ideas amongst our members. Kody Hittle from Zanesville City Schools won the contest along with a \$100.00 gift card. Here are some of the Tips and Tricks that were submitted:

DIP STICK ISSUES FOR CUMMINS IN IC- Take dipstick bracket off and put in vice, straighten bracket. Dipstick tube will be routed out of the path of the air cooler tube and easier for drivers and techs to check.

- Kody Hittle, Zanesville City Schools

OIL FILTER HOUSING 6.7 CUMMINS- Turn the clamps around at the oil filter housing to move electrical wires for alternator out of the way. This will allow you to get the oil filter out without a mess on IC 6.7 from 2014-present.

- Russell Van Horn, Fairfield Union Local Schools

IC BUS FIREWALL REPAIR- Newer IC Buses have an issue with firewall cracking behind the engine. IC has a fix to weld a plate but this is nearly impossible with the curvature of the firewall. My fix is to get a 2 part stick epoxy, like JB Weld. You simply cut off a short section of the epoxy, knead the 2 parts together and form it over the crack, after sanding paint off. This product will harden in 10 minutes and you can sand and paint it.

- Jack Gordon, Dover City Schools

SEAT COVER REPAIR- Use Lock-tite 414 with accelerator for seat cover repair. Trim off any fray threads, cut a patch a little bigger than the hole, round corners. Apply plenty off 414 to patch, spray with accelerate and apply (wear some type of rubber gloves to protect fingers and hands) when done apply a bead of 414 to edge and spray again.

- Tom Haley, Pleasant Local Schools

TOP OF RADIATOR HOSE- Add rubber shield to top of radiator hose on IC bus to stop rub through

- Steve Love, Fairfield Union Local Schools

DOCUMENTATION- When finishing a job write a story containing in-depth details of the issues, DTC (diagnostic trouble code), parts replaced and steps took to fix the concern. This helps avoid confusion next time that vehicle comes in, especially if its a comeback for the same concern and a different tech works on it.

- Josh Housley, Welsh Motors

PENETRATING OIL- Kano Laboratories "Kroil" by far the best penetrating oil available anywhere.

- Ray Johnson, Danbury Local Schools

CORDLESS DRILL- When using a cordless drill to remove phillips head screws adjust the drill clutch several clicks from max. This prevents stripping the screwhead and creates a hammering action like an impact wrench and can pop frozen screws loose.

- Bill Magee, Rossford EV Schools

HIGH IDLE- Always have your Drivers idle up the engine if the bus is sitting (cold start) idling.

- Tom Francis, Dublin City Schools

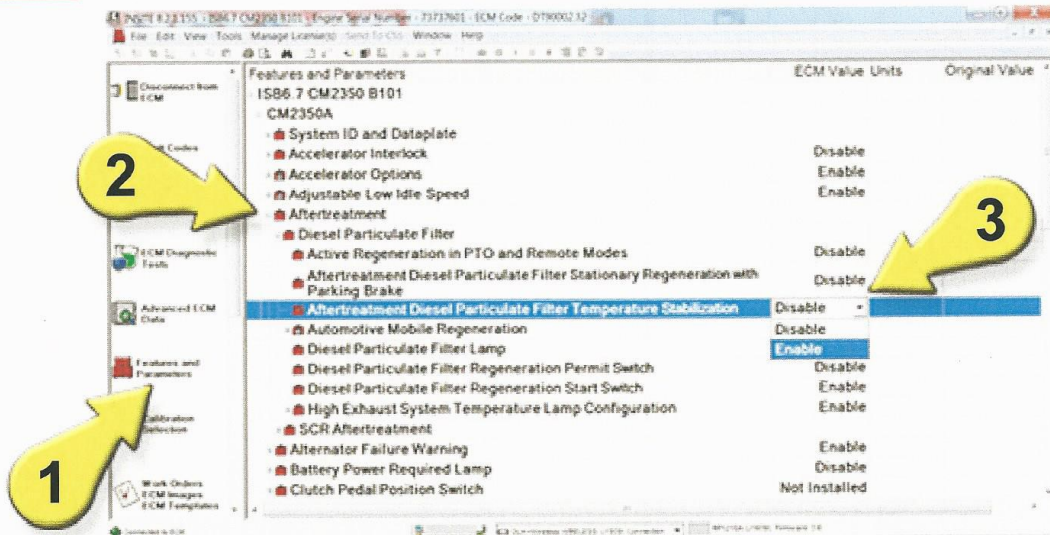
CUMMINS AFTERTREATMENT DPF FEATURE CHANGE- Using insight connect to vehicle ECM. Once connected select "features and parameters". Open "aftertreatment", open "Diesel Particulate Filter" and select "Aftertreatment Diesel Particulate Filter Temperature Stabilization". In the ECM Value column change the value from "disable" to "enable". Now send the feature change to the ECM by right clicking on the screen, select "send to" in the menu. Select "ECM". Now follow the prompts on screen to cycle key on and off to save changes in the vehicles ECM. This change has resulted in less frequent regens and headaches caused by the daily stop and go driving of a school bus with modern aftertreatment systems. Update was provided to us by our local Cummins Rep. Kevin Benson. (see page 3)

- Bart Hahn & Jim Flauto, Brecksville-Broadview Heights City Schools

BRECKSVILLE BROADVIEW HEIGHTS CITY SCHOOLS

CUMMINS AFTERTREATMENT DPF FEATURE CHANGE

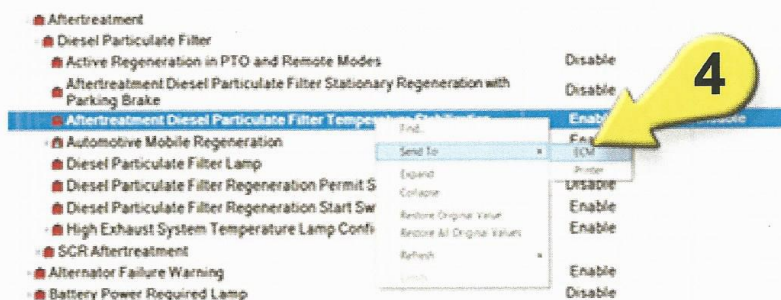
This Guide is to reduce frequency of Regens on School Buses with Cummins Engines 2010 and Newer, by ENABLING the Aftertreatment Diesel Particulate Filter Temperature Stabilization.



Using Insite Connect to Vehicle ECM.

- 1 Once Connected Select "Features and Parameters".
- 2 Open "Aftertreatment", Open "Diesel Particulate Filter" and Select "Aftertreatment Diesel Particulate Filter Temperature Stabilization".
- 3 In the ECM Value Column Change the Value from "Disable" to "Enable".

- 4 Now Send the Feature Change to the ECM by Right Clicking on the Screen, Select "Send To" in the Menu. Select "ECM".



- 5 Now Follow the Prompts on Screen To Cycle Key On and Off to Save Changes in the Vehicles ECM.

"This Change has resulted in Less Frequent Regens and Headaches Caused by the Daily Stop and Go Driving of a School Bus with Modern Aftertreatment Systems. Update was Provided to us by our local Cummins Sales and Service Rep. Kevin Benson." ~ Bart Hahn & Jim Flauto BBHCS

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

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





MYERS EQUIPMENT CORP.
Canfield, Ohio

www.myersequip.com 800-232-7649

THOMAS BUILT BUSES



EZCLEAN DETERGENTS
DAIRY HYGIENE / AG
PRESSUREWASHERS
BIO-SECURITY
WATER TREATMENT
SHOP EQUIPMENT
JANITORIAL
SERVICE & REPAIR

(419) 502-0007
ENZOSCLEANING.COM

Cleaning Solutions
ENZO'S
If You Have A Need We Have The Solution!
SANDUSKY OHIO 



RANDY GRANT
Sales Representative

TOLL FREE 800-937-3906
LOCAL 810-765-4444
FAX 810-765-2835
CELL 419-930-7861

rgrant@unityparts.com
www.unityparts.com
21280 Carlo Drive
Clinton Twp., MI 48038

***Promoting Safe and
Efficient Pupil
Transportation in Ohio!***



Palmer Trucks
On the Road Since 1965

palmertrucks.com

sales | service | parts | financing | body shop | fabrication
pto-hydraulic | leasing | cng



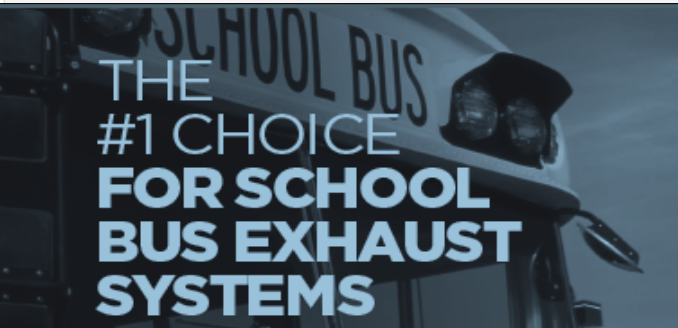
Sales and Service



**Depend on Cummins to service
your school bus fleet!**

To find the Cummins Sales and Service location nearest you,
visit salesandservice.cummins.com

*Cummins Sales and Service is a proud supporter of
the Ohio School Bus Mechanics Association.*



**THE
#1 CHOICE
FOR SCHOOL
BUS EXHAUST
SYSTEMS**



**Auto-jet is your
full-service supplier
for school bus exhaust
systems, now with an even
larger selection including
radiators and diesel
particulate filters (DPFs).**

**YOUR SOURCE FOR
RADIATORS & DPFs, TOO!**

- 30,000+ parts in stock
- All makes and models
- Custom fabrication
- Factory-direct pricing
- Same-day shipping
- Direct dial for hassle-free service
- Made in USA & Canada
- ISO 9001:2008 certified
- 50+ years of experience

AUTO-JET.COM
800-247-5391



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



**We are your premier
school bus solutions provider.**

NEW AND PRE-OWNED SALES | PARTS | SERVICE | TOWING | RUSHCARE

Expect more. At Rush Bus Centers, our mission is to provide solutions for every stage of operation with quality buses and premier support programs that keep customers up and running. We're currently including a year subscription to RushCare Service Connect with each bus purchase to provide real-time visibility into the repair status of your vehicles in our shops. And, we now offer towing and wrecker service.

Contact your local Rush Bus Centers representative for more information.

Rush Bus Center – Akron | 330-798-0600
Rush Bus Center – Cincinnati | 513-733-8500

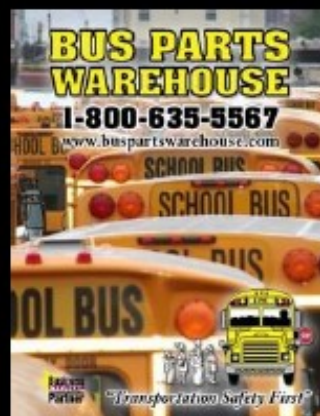
Rush Bus Center – Columbus | 614-541-4500
Rush Bus Center – Lima | 567-418-7249



rushbuscenters.com

IC Bus is a trademark of Navistar, Inc.

©2017 Rush Enterprises, Inc. All Rights Reserved. 0428-0917 RTC-OSBMA Advertisement QTR Page Ad



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!"

American Bus
Since 1955
And Accessories, Inc.
123 Citycentre Dr.
Cincinnati, OH 45216
513-821-3220

Your source for quality replacement parts and accessories for ALL school bus bodies. Call us today 800-582-7118!



OHIO STATE HIGHWAY PATROL
Licensing and Commercial Standards
Division

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.

JOHN A. ZIGMAN JR
President

**BUS MOVERS AND MORE
LLC / OHIO SCHOOLS
BROKER**

The **ONLY** Equipment Brokers
You Will Ever Need
From Desks to Chairs,
From Buses to Tractors,
One piece, or an entire classroom,
We sell it ALL for you

Parkman, Ohio 44491
1-216-215-4854
WWW.BUSMOVERSANDMORE.COM

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

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 Dave McClure, Ashland City (419) 281-6961

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 [open]

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

