



\* Bring a Friend \* RSVP Today \* 330-239-1647

## Neutronics Show

Instructor: Peter Coll, Vice President of Neutronics Refrigerant Analysis

**NEW DATE!** Thursday, Feb 23, 6:45 pm **EARLY START!** Bring a Friend

RSVP by email to sales@aatecusa.com & We'll create your meeting certificate ahead of time! 330-239-1647

### Our class will cover:

The future refrigerant change To HFO-1234yf including:

- Who is driving the change of refrigerants?
- What the Heck is HFO-1234yf?
- Where will this be used first?
- When will I have to deal with this new refrigerant?
- Why are we doing this in the USA?
- We'll tell you about the cost of the new refrigerant, the new equipment required, the current state of R134a and give you a few things to take back to your shop to help you better service your customers.

### Biography for Peter J. Coll

Vice President, Neutronics Refrigerant Analysis

Peter has been with Neutronics Inc. for 15 years serving in several divisions. Currently, he is the Vice President of the Refrigerant Analysis Division where his responsibilities include P/L oversight, account management, education and industry leadership for both domestic and international business.

Peter maintains an active relationship with many governmental regulatory agencies as well as automotive OEM's providing expertise on A/C system contamination. Peter sits as an active member of the MACS Board of Directors, SAE ICCS Committee, NACAT instructor and consultant to US government agencies, foreign government agencies and the United Nations

EPA says "Over the next few years, HFO-1234yf will become the new standard for U.S. automakers; the refrigerant has also been approved for use in Europe and Japan. The change will be better for the

## Servicing Differences

*Potential service differences for HFO HFO-1234yf are:*

- Service shops and technicians may need to purchase/use new equipment (flammability/product differences)
  - Recovery/recycle/recharge equipment
  - Refrigerant identifiers
  - Leak detection equipment
- HFOHFO-1234yf refrigerant system components should not be replaced with ones removed from a system that uses another type of refrigerant or from a salvaged vehicle
  - Replacement evaporators should meet SAE J2842 Replacement J2842
- HFOHFO-1234yf is mildly flammable
  - Precautions used with other flammables (gasoline, oil) are applicable to HFO1234yf



## Preparing for refrigerant change To HFO-1234yf

### To prepare for HFO1234yf service technicians will need:

- New refrigerant identifier
- New leak detection equipment
- New recovery/recycle/recharge or recovery only equipment
- Assure adequate ventilation and follow flammable storage practices per local, state and federal regulations
- Appropriate technician training



### Servicing Best Practices

In general, low lying areas, (such as workshop pits, shafts or cellar exits), may cause released refrigerant to pool as it is heavier than air

- Current regulations require work areas to be adequately ventilated and extraction units switched on if available.
- Refer to local, state and federal rules and regulations regarding ventilation.

Care should be taken to avoid over-charging of the refrigerant system.

Service technicians should not smoke or have any open flame present while working on refrigerant containing systems

## Its Time to Renew!

Your Dues enable us to make these events happen. We are now accepting dues for next year. You can pay at the ATA meeting or mail your dues to:

ATA c/o AATEC, Inc,  
4074 Beach Rd  
Medina, OH 44256

*Make check payable to "ATA"*

\$65 first year for new members  
\$60 for renewals

**ATA Meetings \* Bring a Friend \* RSVP Today 330-239-1647**

729 Kyle Dr  
Tipp City, Ohio 45371  
ataclub@sbcglobalnet.com