
Subject: MACS March 2010 E-Newsletter

Mobile Air Conditioning Society Worldwide (MACS)

E-Newsletter



www.macsw.org

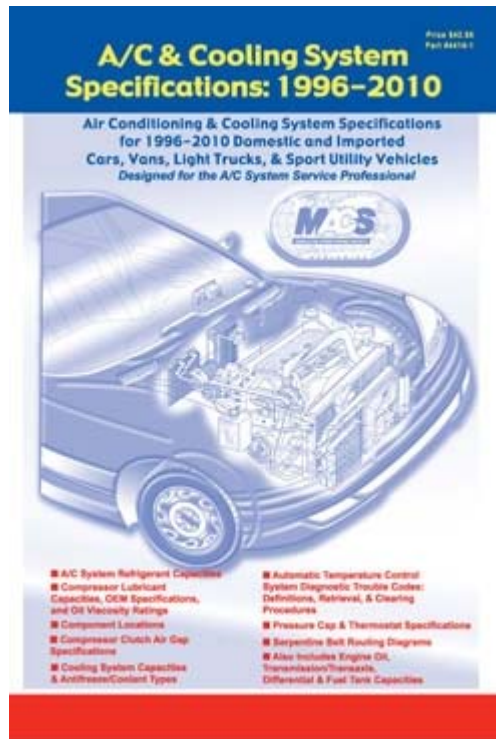
Volume 3- March 1, 2010

[Click here](#) to see MACS new members

Join the MACS communities on www.facebook.com and www.linkedin.com

Follow MACS at [http://twitter.com/MACS Worldwide](http://twitter.com/MACS_Worldwide)

**MACS 2011 Convention will be January 27-29
at Disney's Coronado Resort at Walt Disney World, Orlando, FL**



NEW! MACS A/C and Cooling System Specifications Reference Manual 1996-2010

MACS has updated the ***A/C & Cooling System Specification Reference Manual*** to include information on vehicles 1996-2010. The reference manual is designed for the A/C system service technician and includes refrigerant charge capacities, compressor lubricant type, capacity and OEM specification, oil viscosity ratings, component locations, compressor clutch air gap specification, cooling system capacities and antifreeze/coolant type, automatic temperature control system diagnostic trouble codes: definitions, retrieval and clearing procedures, pressure cap and thermostat specifications, serpentine belt routing diagrams and engine oil, transmission/transaxle, differential and fuel tank capacities.

The MACS A/C & Cooling System Specification Reference Manual covers domestic and imported cars, vans, light trucks and sport utility vehicles. The manual may be ordered at www.macsw.org in the online store or call **215/631-7020** and dial "0" to order.

MACS members can purchase the manual at \$27.95 plus shipping and the price for non-members is \$42.95 plus shipping. If you want one order it now! MACS has a limited number of manuals in stock for purchase and will not re-stock this year. Some older back issues are still available.

FREE EPA/MACS Webinar Series



The Climate Protection Partnership division of the U.S. EPA will partner with the Mobile Air Conditioning Society (MACS) Worldwide for monthly informational webinars focused on informing the mobile A/C community on environmental best practices for servicing mobile A/C systems and demystifying current and proposed regulations throughout 2010.

The next free webinar has been scheduled for **Friday, March 12, 2010 at 1PM EST** and will discuss basic refrigerant recovery procedures.

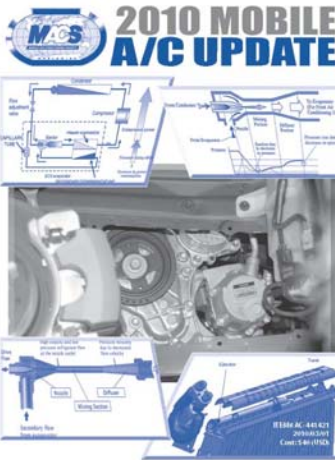
You can also register now for the free webinar on **Thursday April 8, 2010 at 1PM**. The topic will be **recovery machine compliance and maintenance**.

To register, [click here](#) or e-mail Pam Smith at pam@macsw.org or call 215/631-7020 x 306. You must have a computer with internet access and speakers to receive this webinar. Webinars will be archived for later viewing. Visit the MACS website at www.macsw.org for notice of future informational webinars and access to archived webinars.

MACS Mobile A/C Update Training Clinics 2010

Need mobile A/C training? [Visit this link](#) to see MACS clinic dates.

MACS 2010 Mobile A/C Update clinic will cover the following topics of interest for working technicians:



Only MACS clinics will cover this material in 2010.
2010 Prius Ejector Cycle Evaporator
A/C Performance Critical For Escape Hybrids' Battery Life
An Important Sequence - Install Then Initialize
Factory-Installed GM Filters
Major Changes Coming To Evaporators And Service
New Helpmate For Electrical Troubleshooting
Not Much Doubt; HFO-1234yf Is Coming
Those Pesky "U" Codes
Unequal Temperatures Side To Side
Why Computers Need Reprogramming - Another Example

If you are interested in setting up private training classes covering Section 609 certification, mobile A/C Best Practices, or an update clinic

e-mail marion@macsw.org

[Visit this link](#) to see current MACS clinic dates.

Get Recognition for What You are Already Doing Right!



Mobile air conditioning service facilities equipped with the latest tools, equipment and trained technicians can take the Climate Protection Pledge and be recognized by the Environmental Protection Agency (EPA) and consumers for environmental leadership.

The Climate Protection Pledge is a pilot program under the Strategic Climate Projects, Climate Protection Partnerships Division of the U.S. EPA. HFC-134a, the refrigerant used in most automotive and light truck air conditioners on the road today, is recognized as a potent greenhouse gas. The mobile air conditioning industry has been working on system designs, service equipment, tools and procedures to reduce refrigerant leaks. The voluntary Climate Protection Pledge program is designed to recognize those automotive service shops which use tools, equipment and best practices to reduce refrigerant emissions.

Consumers, even in the midst of the current recession, are concerned about the environment, and respond favorably to companies and service providers who demonstrate that they are environmentally responsible. By taking the Climate Protection Pledge, automotive air conditioning service facilities can do the right thing and get recognition for it.

In order to take the pledge, shops must be properly equipped, including on-site use of the latest generation of refrigerant recovery/recycling/recharging equipment. That equipment, which must be certified to SAE International standard J2788, must recovery at least 95 percent of the refrigerant from an air conditioning system, and recharge the system with the proper amount of refrigerant.

Another important component of the pledge is technician training, and shops taking the pledge are encouraged to have all of their A/C technicians complete a self-study training program focusing on best practices for leak detection, service and repair, equipment maintenance and refrigerant conservation. These practices are designed to promote shop savings and efficiency, consumer satisfaction and environmental protection.

Shops taking the pledge must agree not to promote "top-off" or recharge of leaking A/C systems without first repairing leaks, and must agree to explain the potential A/C system and environmental benefits of having refrigerant leaks repaired.

Shops taking the pledge must also set continuous improvement goals which may include upgrading equipment and tools, training additional technicians in best service practices, implementing tool and equipment maintenance programs or other similar goals.

Shops which meet the criteria for acceptance will be recognized by the U.S. EPA for having taken the Climate Protection Pledge with shop and technician certificates, and other promotional items.

[Click here](#) to take the Climate Protection Pledge!

Do you have questions about this program? E-mail elvis@macsw.org



© Disney

SAVE THE DATES-January 27-29, 2011

MACS-I-MIZING YOUR OPPORTUNITIES FOR SUCCESS!

Re-inventing our business models, resourcing for greater efficiency and recreating revenue streams, that's what many professionals have had to do in the current economic climate. What's the best way to survive and adapt? Finding the answers to those questions led the Mobile Air Conditioning Society (MACS) Worldwide to chose ***MACS-I-Mizing Your Opportunities for Success!*** as the theme for the 2011 Convention and Trade Show.

MACS will challenge attendees to broaden their professional sense to make more dollars and re-energize.



R Disney

MACS 31st Annual Convention and Trade Show will take place January 27-29, 2011 at Disney's Coronado Springs Resort at Walt Disney World®, Orlando, Florida. [Click here](#) to view Coronado website. Sponsorships are now available.

MACS annual golf tournament will once again be sponsored by Four Seasons who invites all MACS golfers to take to the links on Wednesday, January 26, 2011 at

[Disney's Palm Golf Course](#). If you would like to sponsor a golf hole please contact marion@macsw.org

Introducing FedEx Advantage® for MACS Members



FedEx Benefit for MACS members

MACS is proud to support our members and has teamed up with FedEx to help boost your bottom line. As a MACS member, you are now eligible to receive valuable discounts of up to 26% on select FedEx® shipping and business services*. Best of all, there are no costs and no minimum shipping, copy or print

requirements to take advantage of this great new member benefit.

For FedEx shipping services, you can save up to:

26% on select FedEx Express® U.S. services

20% on select FedEx Express international services

12% on select FedEx Ground® services

10% on select FedEx Home Delivery® services

For FedEx OfficeSMbusiness services, you can save up to:

20% on select printing and copying services

10% on select signs and graphics production and on select finishing services

Plus, you may be eligible for savings up to 70% depending on your specific printing quantities.

Plus, when you link your American Express OPEN® Business Card to your FedEx shipping account, you can receive an additional 5% discount on select FedEx Express® and FedEx Ground® shipments through the OPEN Savings® program. You can also save an additional 5% on your business service needs simply by using your Card at FedEx Office.**

[Click here](#) and enter passcode NFCPHK to start saving now. If you have additional questions, please call 1-800-MEMBERS, your dedicated shipping program administrator at 1.800.636.2377 (8 a.m.-6 p.m. EST, M-F).

Once you have enrolled in the FedEx Advantage® Program, your discounts will automatically be applied to your FedEx account number, and you can enjoy these great savings every time you ship or access business services. [Terms and conditions.](#)

[Forward email](#)

✉ [SafeUnsubscribe®](#)

This email was sent to marion@macsw.org by macsworldwide@macsw.org.

[Update Profile/Email Address](#) | Instant removal with [SafeUnsubscribe™](#) | [Privacy Policy](#).

Email Marketing by



Mobile Air Conditioning Society (MACS) Worldwide | 225 S. Broad Street | P.O. Box 88 | Lansdale | PA | 19446