



PURKEYS

CAPS

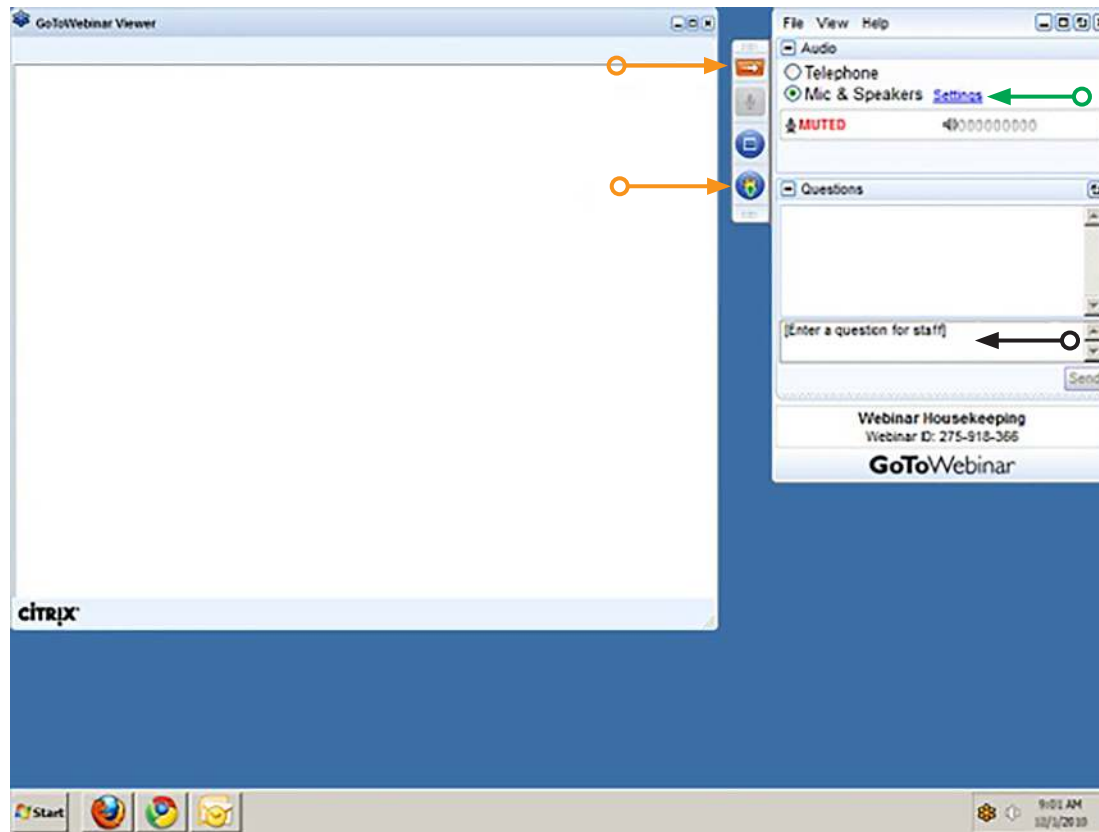
**A New Approach for
Jump Starting Light and
Heavy Duty Vehicles**

WATT Keeps You Trucking

House Cleaning

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About the Presenter



Charley Gipe | Sales & Service Engineer

Charley graduated from the University of South Dakota/Springfield in 1984 with an Associates degree in Automotive Technology and a Bachelors Degree in Automotive Science and Technology. He has spent 30 years in the automotive and heavy-duty truck industry working as a technician, trainer, warranty engineer, technical writer and service engineer. He has a wealth of electrical experience and uses it for solving modern day electrical problems fleets face on a daily basis. Charley is an ASE automotive master technician.

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Methods to Jump Start

Engine powered generator

- Charges truck batteries for starting

Concerns

- Limited portability
- Requires time to charge
- Requires maintenance
- Initial and continued costs
- Potential damage from reverse polarity
- Engine exhaust creates safety issues



Methods to Jump Start

Battery jump start pack

- Provides additional starting power

Concerns

- Limited portability
- Limited performance
- Potential damage from reverse polarity and 24 volts



Methods to Jump Start

110 VAC Boost Charger

- Charges and provides additional starting power

Problems

- Limited portability (110 VAC needed)
- Requires time to charge
- Potential damage from reverse polarity



What is a CAPS?

The term CAPS is an acronym, which stands for:

- Capacitor
- Actuated
- Portable
- Starter

The device is a safe, compact and portable jump start machine that requires little to no maintenance.



What makes CAPS Different?

The 1st unique feature of the CAPS is the ultra capacitor power source, which:

- Eliminates weight
- Reduces size
- Provides immediate power
- Charges rapidly



What makes CAPS Different?

The 2nd unique feature of the CAPS is the electronic control module, which:

- Simplifies CAPS use
- Increases safety
- Provides CAPS status



How to use the CAPS

To use the CAPS an operator must:

- Move the unit close to the vehicle being jump started



How to use the CAPS

To use the CAPS an operator must:

- Connect the clamps, noting the polarity



How to use the CAPS

To use the CAPS an operator must:

- Connect the cables to the CAPS unit



How to use the CAPS

To use the CAPS an operator must:

- Arm the CAPS by pressing the button



How to use the CAPS

To use the CAPS an operator must:

- Engage the starter and crank the vehicle



How to use the CAPS

To use the CAPS an operator

- Once the vehicle has started the CAPS can be recharged by leaving it connected to the running vehicle
- If the vehicle does not start the unit will recharge itself using the internal battery



How to maintain the CAPS

To maintain the CAPS so it is ready for use:

- Keep the supplied 110 VAC charger connected to the unit when it is not in use
- Connect it to the service vehicle charging system when not in use



Questions & Answers

Thank you!