

**SPRAGUE DEVICES, INC.**

# ECAM WIPER & WASHER SYSTEM

**The Dependability Of Air, The Convenience Of Electric.**



Sprague Devices ECAM (Electronically Controlled Air Motor) wiper system allows the operator to give full attention to the road— especially during inclement weather.

With ECAMs easy touch rotary control, variable intermittent or continuous wiper speeds are within easy reach on the dashboard.

ECAM provides the durability and strength of air with the convenience of electronic controls.

And ECAM includes our H.A.S. (Headlight Activation System) for improved vehicle visibility in inclement weather.

For complete information, call Sprague at (800) 245-7691.

## **Performance Benefits**

- Durability and strength of air with convenience of electronic controls.
- Smoother operation with increased wiper performance.
- Convenience of variable intermittent and continuous wiper speeds with programmed wash.

## **Design Features**

- Can be designed into any new wiper system application.
- Single or dual electronic control for multi-function system.
- Available in 12 or 24 volt.
- Designed to be interchangeable with current air systems in most commercial vehicles.
- Switch assembly can be installed into same mounting hole as the current air system.
- Can operate either air or electric washer pump through programmed cycle.
- Features our H.A.S. (Headlight Activation System) activated by the windshield wipers in one easy switch.

## **Quality Assurance**

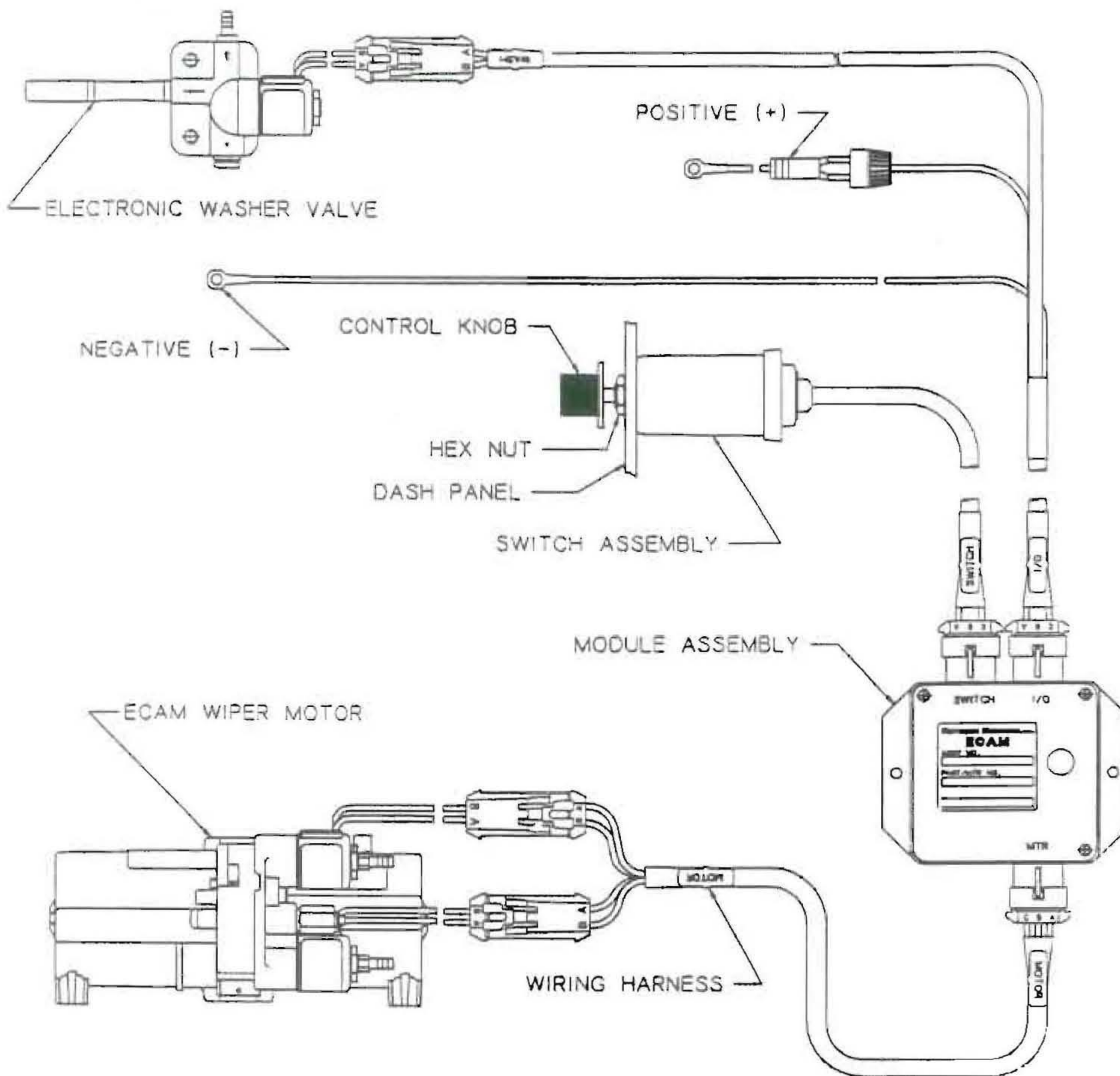
- Quality control insures parts meet design specifications.

**SPRAGUE**  
Heavy Duty Technology Group

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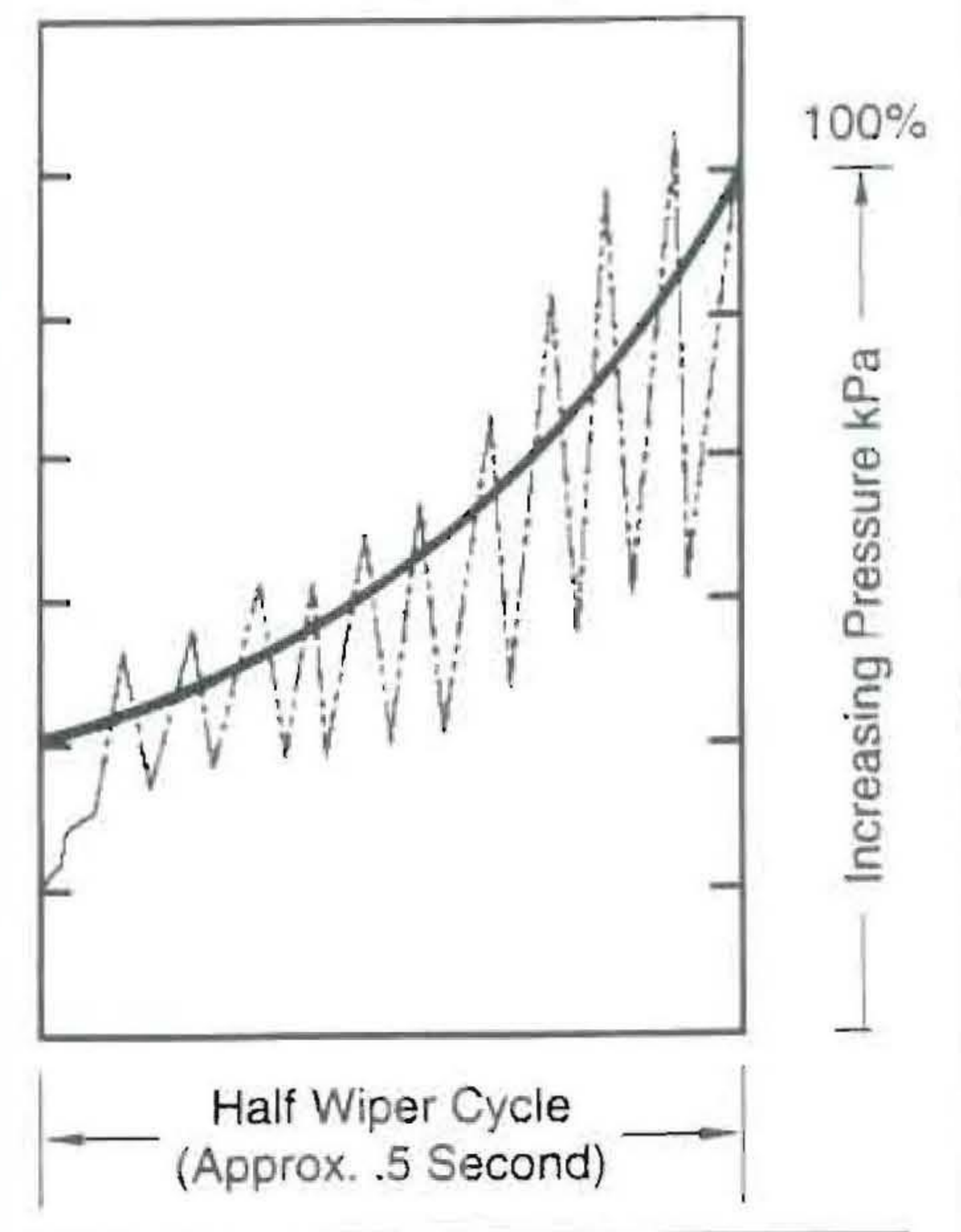
## ECAM WIPER & WASHER SYSTEM SYSTEM SCHEMATIC

### SYSTEM SCHEMATIC



### LOW SPEED MODE OPERATIONAL COMPARISON

Electronic Controlled  
Air Motor (ECAM)



Pneumatic Controlled  
Air Motor

