

**AIRSTREAM'S  
ELECTRONIC  
DISC BRAKES  
OFFER YOU  
BETTER,  
STRAIGHTER,  
SAFER,  
EASIER  
STOPS**

**A NEW DIMENSION  
IN TOWING CONFIDENCE!**

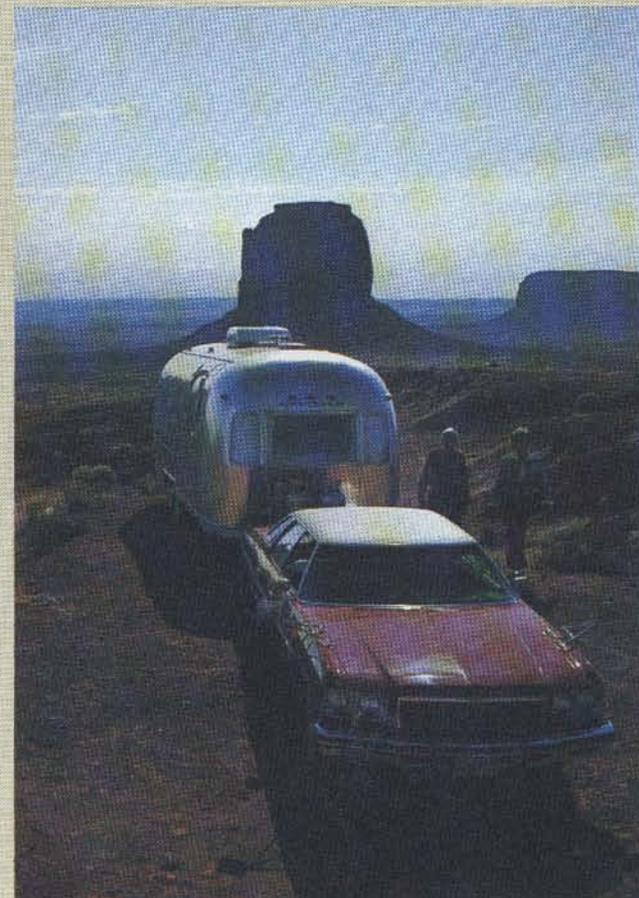
**AIRSTREAM**  
ELECTRONIC DISC BRAKES ...  
THE MOST IMPORTANT  
NEW FEATURE IN RV HISTORY!

**AIRSTREAM**®

107 Church Street, Jackson Center, Ohio 45334  
15939 Piuma Ave., Cerritos, California 90701

*THE LEADER IS OUT IN FRONT AGAIN!*

**AIRSTREAM**®  
INTRODUCES  
**EXCELLA-VAC  
DISC BRAKES**

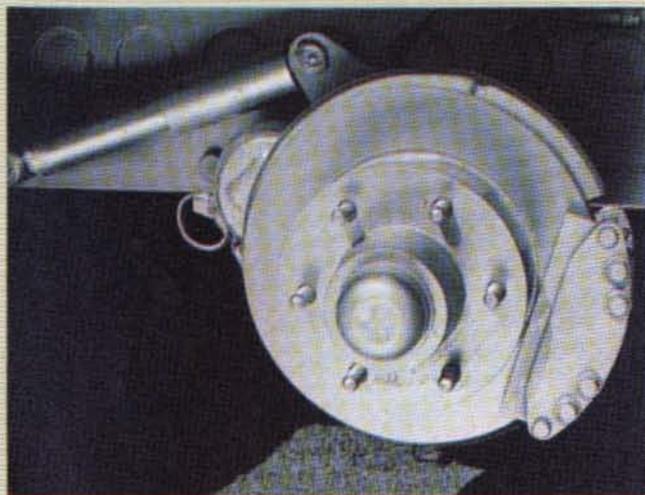


# EXCLUSIVE!!!

## AIRSTREAM INTRODUCES THE FIRST AND ONLY ELECTRONIC DISC BRAKES IN THE RV INDUSTRY!

In 1977 Airstream introduces the most important new feature in the annals of trailering... the remarkable Excella-Vac caliper disc brakes. This dramatic advancement is offered exclusively by Airstream. No other recreational vehicle in the world has it.

And just why are these new brakes so important to you? Because they provide you with three important benefits... greater safety... substantially longer brake life... and a new dimension in towing confidence.



**Excella-Vac caliper disc brakes on all 4 wheels.**

By virtue of a miniature computer in the controller, the Excella-Vac disc brakes are engaged to the exact same degrees as the tow car brakes. Car brakes and trailer brakes are in perfect harmony *electronically*. The net result is a quick, smooth, comfortable stop without the tendency to skid or fishtail. The new disc brakes never fade due to overheating and will never need adjustment. To fully appreciate the new Excella-Vac disc brakes, you should know exactly how the system works:

The new Excella-Vac disc brakes operate on a combination of hydraulic, electrical and vacuum systems. When you apply the brakes, the miniature computer in the controller mounted on the dash, senses

hydraulic pressure in the car and instantly converts it to an electrical signal which in turn sends another signal to the vacuum system in the trailer and activates the brakes. All this happens in thousandths of a second. And the trailer brakes respond in direct relationship with the car brakes. That is to say, if you touch your brake pedal lightly, the trailer brakes engage lightly. If you brake hard, the trailer brakes hard. Your stop is electronically measured and activated instantly.

Because all systems are instantly synchronized, you stop straight and smooth every time. Whether you're on a winding mountain road, driving across snow or on loose dirt — the Excella-Vac disc brakes bring you to a sure, straight, comfortable stop. No swerving, no jerking effect. You travel with new security, a new feeling of confidence you've never experienced before.

The disc brakes themselves are mounted on all four wheels of your trailer. It is a large steel disc. At one point there is a caliper with large pads. When the brakes are engaged, the calipers apply squeezing pressure on the disc, stopping the trailer. As the pads wear, the cali-



**Rear view shows typical hookup on tow vehicle.**



**Excella-Vac actuator.**

per closes up to maintain the proper distance. This is why they never require adjustment.

Your car will require some preparation for the Excella-Vac disc brakes. If your car is now equipped for towing with conventional brakes, your Airstream service man will simply add a hose running from your engine's vacuum outlet to the coupler mounted on the rear of the towing vehicle. The conventional hydraulic line and 7-way connector and break-away line remain the same as before.

There are two important things you should remember. When you are not hooked up to your trailer, you must plug the vacuum line at the rear of the car. An extra plug is provided. Secondly, when you disconnect the trailer, depress the vacuum release valve on the front of the trailer to expel the vacuum in the trailer. The reason for this is because when you disconnect your trailer the remaining vacuum in the trailer will engage the trailer brakes. Do not use this remaining vacuum for parking brakes.

Remember... when you are towing a 1977 Airstream equipped with Excella-Vac disc brakes, you are traveling with the most advanced braking system in the world... safer, smoother and longer lasting.