



Brazel's RV Performance has introduced a new, innovative brake system designed for travel on downhill grades. The UltraPower "Grade Brake" is engineered to help control the vehicle's speed by using the engine and transmission to control the shifting process, thereby slowing the vehicle and minimizing brake usage. The new Grade Brake is available for the 2001-2004 Workhorse chassis with an Allison 1000 transmission. This feature is enabled by switching the Grade Brake switch to the "ON" (Up) position. The switch is mounted on the driver dash area in a position that is convenient for the driver.

By monitoring the vehicle speed, deceleration, engine torque and brake pedal usage, the Transmission Control Module (TCM) will control shifting and lock the torque converter to more effectively use the engine and transmission to slow your RV and minimize wear of the service braking system.

The Grade Brake becomes more active as inclines, speed, weight and braking action increase. With the Grade Brake activated, any foot pressure on the brake pedal will cause a down-shift from overdrive to 4th gear, as more slowing is desired, the Grade Brake will down-shift to the appropriate gear in order to maintain the desired speed. An up-shift back to overdrive will occur as soon as throttle is given and the proper up-shift speed is achieved.

The Grade Brake is not intended to replace normal safety measures such as proper loading, tow-brakes installed on vehicles in tow, and a properly maintained braking system. It is intended to increase your comfort and ease of handling as well as help extend the life of your brake system components.



www.brazelsrv.com

541-441-0377

877-786-1576