

AUSSIE LOCKER™ OPERATOR'S GUIDE

Your Aussie Locker is designed to provide you with dramatic improvements in traction performance. However, the safe operation of your vehicle is the responsibility of the driver, and it is essential that all drivers carefully read and follow these driving hints:

- ✓ **Never drive your 4 Wheel Drive vehicle on pavement with the hubs locked. This can cause drive line windup and damage your vehicle.**
- ✓ **Advise anyone working on your vehicle that it is locker-equipped and that they should not engage the transmission with one wheel still on the ground.**
The locker sees this as having a wheel spinning and transfers the traction to the wheel with traction. This can cause the vehicle to drive off the jack or jack stands.
- ✓ **Having the proper tire air pressure is not only essential for proper locker operation but also for driving safety. Large diameter tires are especially susceptible to creating locker problems when the tire diameters are significantly different or when tires are inflated to different pressures. Every tire (spares as well) on a locker-equipped vehicle should be within 3/8" or less of the same circumference. If they are not, switch tires until they are within the specifications. Do not attempt to change tire circumference by changing inflation pressure. Tires should always be inflated to manufacturer's specifications. If any tire is out of specification it should be replaced. When buying new tires insist that the tire shop only fit tires that meet the 3/8" or less specification.**

- ✓ **Depending on many factors you may hear a clicking sound when you are making a turn. This is normal for automatic lockers and is a positive indication that your locker is working properly.**
- ✓ **Since traction is transferred to the inside wheel in a turn you may hear a chirp if you power through the turn. Apply throttle smoothly and at a lesser rate than with an open differential, or coast through the turn and you will minimize this occurrence.**
- ✓ **Additional backlash is the nature of locker design. Not even a precision locker like the Aussie Locker can eliminate the additional backlash that an automatic locker introduces. Due to the additional backlash you may hear a "clink" or "clunk" sound from time to time. Standard-shift vehicles exhibit this noise phenomenon more often than those with automatic transmissions. This sound is part of normal locker operation.**
- ✓ **Your Aussie Automatic Precision Locking Differential provides you with dramatic increases in traction performance. You can travel further, faster and safer than before. With this improved capability comes new responsibilities and driving issues. You can get deeper in the woods and further up the hills than before, so the walk out can be longer and more difficult should you experience a vehicle breakdown. It is a good practice to always travel with other off roaders for safety.**
- ✓ **Apply power evenly to avoid putting additional pressure on the drive line and axle components. Be aware that the additional traction a locker provides can cause axles to break when under high power and this breakage can cause a vehicle to turn sharply to the side where the break occurred.**