

# **ELocker™ Differential**



### **Availability**

- OEM: Standard on the H2 Hummer and H3 Hummer rear axle. Optional on front and rear H1 axle.
- Aftermarket: GM (AAM), Ford (Visteon), and Dana axles.

#### **Benefits**

- Provides best in class traction.
- Provides full axle lock upon driver command.
- Maintenance free; requires no lube additives.
- Enhanced towing and off-road performance.
- Electronic lock activated by dash-mounted switch.
- Compatible with ABS and VSES.

## Principle of Operation - Pin Style

- Electromagnetic coil activates ball ramp engaging case to gear producing 100% lock.
- Upon deactivating, differential returns to open state.

#### **Technical Specifications**

- Max current draw is 8 A; Nominal current draw is 2.5 A.
- May be operated in 2HI, 4HI, or 4LO.
- Maximum delta wheel speed 50 rpm for engagement at speeds below 20 mph, or maximum vehicle speed of 5 mph for engagement.
- OEM: ECU recommended to monitor vehicle parameters and grant lock permission.
- Aftermarket: Assembly kit includes complete wiring harness and switch.

