Contact: Cole Quinnell

Command-Trac® NV231 Part-Time Four-Wheel Drive

August 7, 2005, Auburn Hills, Mich. -

Command-Trac is a part-time, shift-on-the-fly system providing legendary Jeep® capability.

Four-Wheel-Drive Modes
Two-wheel drive (2Hi): In this position, the front axle spins freely while power is sent to the rear axle and wheels, which then drives the vehicle.

Four-wheel-drive high-range (4Hi): In this position, the transfer case mechanically locks the front and rear driveshafts together, which then rotate at the same speed for maximum traction (this position is designed for temporary use when extra traction is required; only use on slippery or loose surfaces).

Neutral (N): This position allows the vehicle to be towed behind another vehicle (such as a motor home) without uncoupling the driveshafts.

Four-wheel-drive low-range (4Lo): In low range, the engine power is sent through another set of gears that multiply torque 2.72:1. By more than doubling the gear ratio, the vehicle greatly improves torque and control in low-speed technical driving situations (for use in more challenging off-road terrain).

Trac-Lok® Limited-Slip Rear Differential
Automatically senses torque differences between the rear wheels and delivers additional torque to the wheel with the most traction.

When to Engage Four-Wheel Drive
High range: On wet or snow-covered pavement, sand, gravel, etc.

Low range: When conditions require added low-speed power, such as low-speed technical driving or when pulling a boat trailer out of the water.

How to Engage Four-Wheel Drive
High range: Shift transfer-case lever from 2Hi to 4Hi at speeds up to 55 mph.

Low range: Slow to 2-3 mph and put the vehicle transmission into Neutral. While still rolling forward in Neutral, shift the transfer-case lever firmly and smoothly, without pausing in the transfer-case Neutral position, into 4Lo. Return the vehicle transmission to the desired gear.

Availability
Standard on Jeep® Wrangler and four-wheel-drive Jeep Liberty.

-###-