

Prototype Hybrid Throttle Concept

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Hybrid Rotary Throttle

Stick-shift knob has built-in 0-5 K-ohm potentiometer which controls the speed of the electric motor.

Twisting the throttle clock-wise applies power to the motor proportional to the degree of rotation.

Leaving the gear selector in neutral (or E in this case) allows the operator to drive the hybrid truck in electric-only mode.

Controlling the motor throttle by hand and internal combustion engine by foot maximizes control the user has over the hybrid to increase either power or fuel economy.

