

SPEED-SAVER

TOP SPEED CONTROL SYSTEMS FOR FORKLIFTS

SSEL-701



SS-701



Features:

CONTROLS VEHICLE TOP SPEED AUTOMATICALLY

Installer sets top speed. No matter how hard driver presses accelerator he can not exceed top speed setpoint

HAS NO EFFECT ON LOW SPEED ENGINE RPM

When vehicle is stopped or traveling below "idle speed" there is NO restriction of RPM, providing full power for heavy lifting

2 Models: How They Work:

SS-701 IS DESIGNED FOR LIFT TRUCKS WITH "CONVENTIONAL" THROTTLE CABLE ACCELERATORS

When vehicle exceeds "idle speed" setpoint, electronic actuator pulls and restricts stroke of throttle lever to top speed setting

When top speed is reduced below "idle speed" arm actuator relaxes and throttle is no longer restricted, allowing full engine RPM

SSEL-701 IS DESIGNED FOR NEW GENERATION LIFT TRUCKS WITH ELECTRONIC "FLY-BY-WIRE" THROTTLES

Controls top MV output to electronic throttle which translates to controlling top speed of the vehicle

Controls "slewing" or "ramp up" speed which is the time the vehicle will take to reach top spe

Active Zone Control Option:

Wireless RFID tag connects to power input to SPEED-SAVER , powers device when entering zone

Wireless transmitters installed in areas where you want speed control, zone size/range is adjusted

When forklift enters this zone, power is supplied to SPEED-SAVER

When SPEED-SAVER is powered, top speed is restricted

When forklift leaves zone, power cut off to SPEED-SAVER

With not power to SPEED-SAVER— lift has full speed with no restriction

Simply place transmitters in zones you want to control speed (40'- 400')

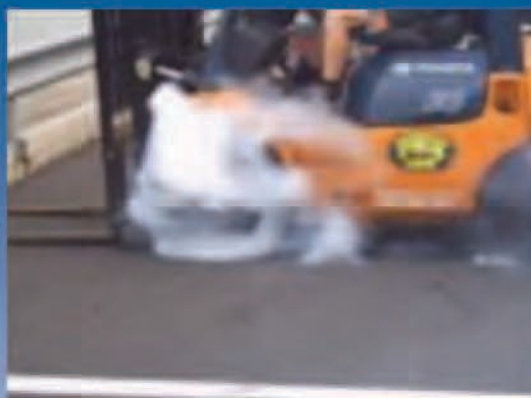
A adjust range on transmitter with variable pot



EQUIPMENT SAFETY DEVICES

WWW. KEYTRON.COM

Automatic top speed controllers for conventional + electronic throttles



SS-701 Conventional cable throttle

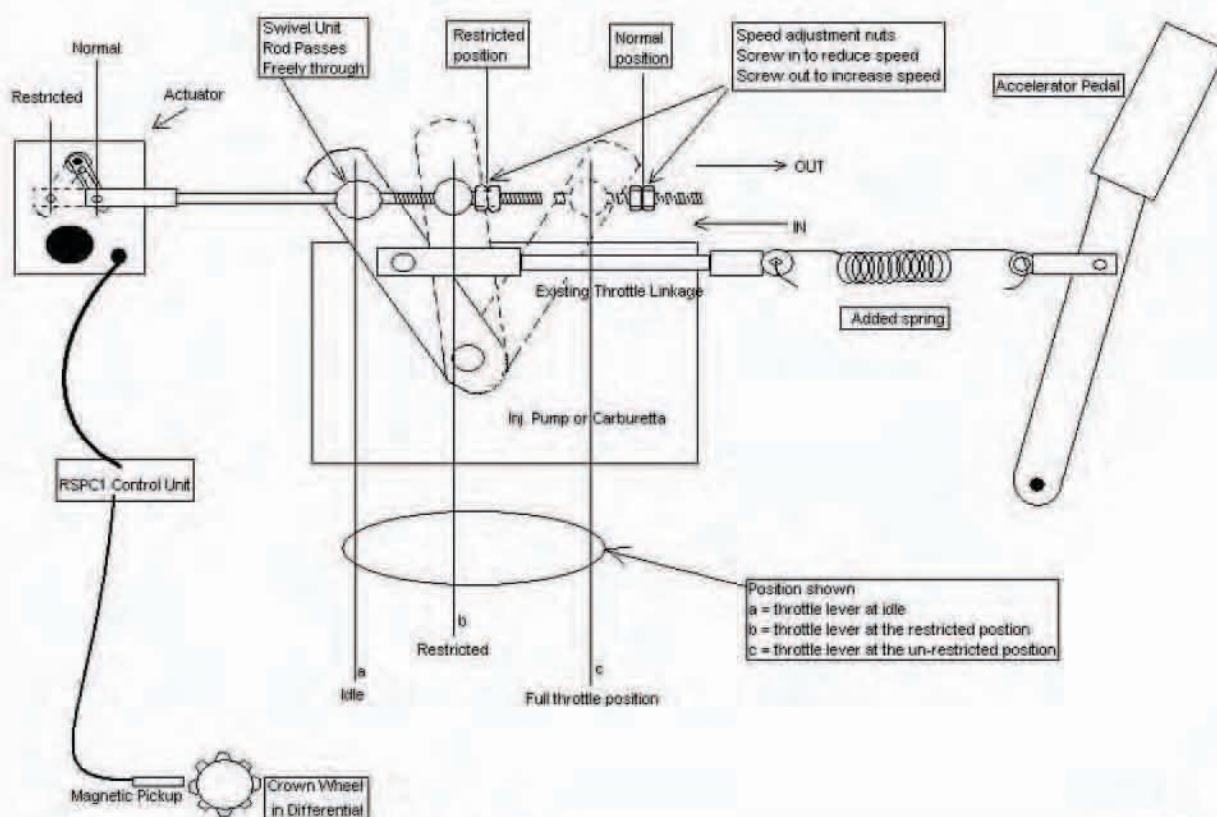
1. Controller with pot adjustments for setting speed for actuation and restriction of throttle
2. Electronic "arm" actuator restricts stroke of throttle lever, controlling top speed
3. Cable or rod connection from actuator to throttle
4. Gear tooth speed sensor
5. Mounting brackets and connection hardware



SSEL-701 "Fly-by-wire" electronic throttle

1. Controller with serial port for hyperterminal connection and setting of speed parameters
2. Connector into speed sensor and ECU module
3. Gear tooth speed sensor (Note, some forklifts have speed sensor already in place, so you can splice into this to obtain speed input)
4. Hyperterminal calibrator for setting speed parameters

Basic Operation Of Speed Saver Model SS-701



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