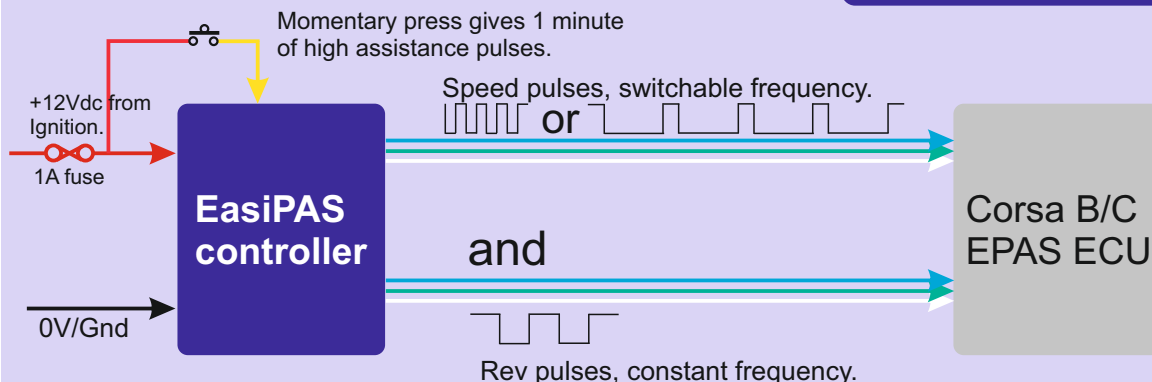


Corsa B or C Power Steering Assistance Level Controller.

EasiPAS

Power steering speed controller



EasiPAS-CBC is designed for the Corsa B and C power steering systems commonly fitted to kit and other cars where speed and engine rev pulses are not easily available.

When the engine is started the circuit waits 10 seconds for the Corsa EPAS to initialise, **other products do not do this!** During this period it sends no pulses to the EPAS. After 10 secs the circuit outputs an engine rev pulse to let the EPAS know the engine is running, if the EPAS does not get this signal it turns off to conserve power.

After the 10 sec start-up delay the EasiPAS outputs for 1 minute a slow speed signal this will give you 1 minute of high assistance to manoeuvre, after which time EasiPAS will revert to the default state of high speed which puts the EPAS into the low assistance state (as if you are driving at 45+ mph). So you always have this low level of assistance.

Rather than an rotary knob our system uses a momentary contact push button, like a horn switch/button. If you press this button the circuit output goes to the low speed/high assistance state for 1 minute allowing you to park. After 1 minute it automatically reverts to the high speed/low assistance state. Should you need more time simply press again for another minute.

We use a push button for simplicity, rotary potentiometers are awkward and it can be difficult to find one to match the interior style of the dash. Through time the rotary potentiometers become electrically noisy, remember the crackling of old radios when you turn the volume, this means that after a while the pulse frequency into the EPAS will become unpredictable, therefore the assistance may be variable due to the changing resistance of the potentiometer.

When running a long (5 second) press and hold of the button turns EasiPAS off, the EPAS will then revert to its default assistance state, the system is turned on again by another 5 second press and hold on the button.

Many kit cars are relatively light at the front, so will only need a low level assistance even at low speeds, that's what the EasiPAS gives you!

Other EasiPAS models are available for Suzuki, Holden, Renault, Fiat,.. contact us via eBay.

EasiPAS (model -CBC) Specifications

EPAS model suitability:	Corsa B & C
Supply voltage:	+9V to +14Vdc
Supply current:	3-5mA
Rev output frequency (constant):	400Hz
Speed default low assist output frequency	500Hz
Speed high assist output frequency	70Hz
Enclosure size:	40x30x20 (mm), 1.75"x1.25"x1"