



AP900Ci version: Follow this procedure to unlock the system.

1. Start engine
2. Turn the Cruise Control ON (towards the dash 2 Tones/CM35 fitted on Left hand side of column!)
3. Press and hold SET key “+”
4. Press and release brake pedal 4 times (buzzer sound 4 low tones (unlock starts))
5. Release SET key and wait for 3 seconds
6. Press brake pedal (brake lights should illuminate) when buzzer sounds
7. Release brake pedal when buzzer stops (step 6 & 7 must be repeated 3 times!)
8. Buzzer will sound 4 hi tones if system is unlocked

Buzzer will sound hi-lo tones if the unlock procedure failed. Repeat above ensuring that the brake pedal is pressed when the unit starts buzzing and released when it stops buzzing! Check if the right vehicle is selected for programming and repeat the test.

AP900C version: Follow this procedure to search the CAN data base.

1. Press and hold the SW1 switch located on the side of the module.
2. Switch the ignition ON (2 Hi tone beeps).
3. Release SWI switch
4. Press and hold both Brake and Clutch pedal /Automatic gearbox select neutral!
5. Press the SET-key + (1 Beep). The LED on the module will blink during the setup. 3 High tone beeps (this can take up to 20 seconds!) will confirm a successful CAN setup before the electronics module will switch immediately to the pedal test procedure. Release the Brake and Clutch pedal/automatic gearbox select Park position. Note: A long beep tone will follow if the CAN setup failed. Press the SET key to start a new attempt.
6. Skip pedal test procedure by turning the ignition off.
7. Go to: **For all vehicles it is recommended to program the throttle pedal to the Cruise Control! and relearn pedal!!**

Note: If you find that some of the inputs do not work i.e. the brake is not working via the CAN repeat procedure again and at the end of step 5. (after the 3 high tones) press the SET-key + again (the system will carry on searching its data base for another match and give 3 high tones again. This can be repeated several times or until you get a long beep tone (end of data base).

Throttle Pedal Learning: This procedure must be carried out on ALL versions of the cruise control installations!!!

1. Turn ignition ON and turn the Cruise Control ON (towards the dash 2 tones /CM35 fitted on Left hand side of column!)
2. Press & Hold the Brake pedal then press 4 x SET-key “+” to enter set-up mode (4 tones at end)
3. Press & Hold the Brake pedal and then press 1 x RES-key “-“ to enter pedal setup mode (1 tone)
4. Release Brake pedal (High tone beep)
5. Press SET-key “+” to store the idle position values (1 Beep)
6. Press & hold the throttle pedal to full throttle (100%), then press RES-key “-“to store the full throttle position values (1 Beep) followed by continuous low beeps
7. Move throttle up and down continuous low beeps should be heard! If high low beeps are heard repeat from 1.above or check pedal connections.
8. Release the throttle and press & hold the brake pedal, then press 4 x SET-key “+” to memorize the data and to exit setup (High tone beep).



AP900 Version: Follow this procedure to program the vehicles speed signal (Auto PPM Adjustment Mode).

1. Turn ignition ON and start the engine
2. Turn the Cruise Control ON (towards the dash 2 tones /CM35 fitted on Left hand side of column!)
3. Press & Hold the Brake pedal then press 4 x SET-key "+" to enter set-up mode (4 tones at end)
4. Press & Hold the Brake pedal and then press 2 x RES-key "-" to enter PPM setup mode (1 tone)
5. Release Brake pedal (2 High tone beep)
6. Drive to 45MPH on a steady flat road and press SET-key "+" once, the cruise should engage and maintain 45MPH.
7. Pull over when safe to do so and press & hold the brake pedal, then press 4 x SET-key "+" to memorize the data and to exit setup (High tone beep).
8. Find a flat road with a slight incline, drive the vehicle to 45MPH and SET the cruise on the flat part of the road and check that the speed stays constant up and over the incline (within 1 to 2 MPH). If the speed slows down going up the incline and increases speed on the decline then the Gain setting need to be "increased".

Manual GAIN Adjustment Mode

Find a flat road with a slight incline, drive the vehicle to 45MPH and SET the cruise on the flat part of the road and check that the speed stays constant up and over the incline (within 1 to 2 MPH). If the speed slows down going up the incline and increases speed on the decline then the Gain setting need to be "increased".

1. Turn ignition ON and start the engine
2. Turn the Cruise Control ON (towards the dash 2 tones /CM35 fitted on Left hand side of column!)
3. Press & Hold the Brake pedal then press 4 x SET-key "+" to enter set-up mode (4 tones at end)
4. Press & Hold the Brake pedal and then press 4 x RES-key "-" to enter pedal setup mode (1 tone)
5. Release Brake pedal (4 High tone beep)
6. Drive over 45MPH on a steady flat road and press SET-key "+" once, the cruise should engage and maintain 45MPH.
7. Press the SET-key "+" to increase the Gain (the gain is normally set around 7, for ever press of the SET key the cruise will beep the new setting e.g. 8 beeps if set at 7)
8. Press the brake to disengage the cruise and temporary save the new gain setting.
9. Retest on the same road, press the SET-key to engage cruise, if cruise is OK pull over when safe to do so and press & hold the brake pedal, then press 4 x SET-key "+" to memorize the data and to exit setup (High tone beep), if speed still drops off going up an incline repeat step 7 until correct.

Reset To Factory Defaults/Analogue Mode (AP900/AP900C/AP900Ci)

1. Press and hold the SW1 switch located on the side of the module.
2. Switch the ignition ON (2 Hi tone beeps).
3. Release SWI switch
4. Press 1 x RES-key "-" once (4 tone)