



APR DIRECT PORT PROGRAMMING DETAILS

DirectPort programming allows all of the same functionality of EMCS, but without ANY hardware. This system allows programs to be uploaded to the engine ECU via the factory OBDII port. EMCS DirectPort makes the following advanced features possible:

Flip Switch: Using the cruise control buttons, you are able to switch between up to four separate ECU programs of your choice. Examples of possible chip programs include stock, octane specific performance and race programs, valet, etc...

Unique Access Code: A unique access code is used for the security lockout feature and anti-theft system. The user may select any 1 to 4-digit number to be used as their access code. The access code is entered using the cruise control buttons.

Security Lockout Feature: Prevents unauthorized personnel from accessing EMCS functions and changing the current EMCS configuration. The Security Lockout feature is available as a stand-alone option or bundled with the Anti-Theft system.

Anti-Theft System: This theft deterrent system prevents the car from being operated by unauthorized personnel, even if given the key. The engine will crank and idle, but will not accept throttle input. A thief, even if successful in getting the car to start, will have no power with which to drive away. The Anti-Theft System can only be deactivated by entering your unique access code. (Because of this, the Anti-Theft System includes the Security Lockout feature).

Fault-code Erase: Allows you to erase and reset engine related trouble codes without having to use a specialty tool.

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Throttle-body Realignment: Allows you to manually perform throttle-body adaptation.

NOTE: Not all features available for every vehicle.

SWITCHING PROCEDURE:

APR has taken your cruise control buttons and utilized them for this function. Your cruise control will continue to function as normal, but will give you the ability to scroll through the programs you have purchased on your APR chipped ECU. The procedure is simple and involves only two steps.

Step 1: Press and hold the "set" button on your cruise control. After approximately five seconds, the "check engine" light on your dash will begin to blink once per second. This will tell you that you are activating program one. This blinking sequence will continue for approximately five seconds.

After this five second interval, the "check engine" light will begin blinking twice per second. This will indicate that you have activated the second program. This process is continued to access any remaining programs you may have purchased. (three blinks = program three, four blinks = program four).

Step 2: Once you have activated the desired program, simply release the "set" button. The "check engine" light will stop flashing. Turn the ignition key off for 10 seconds, turn the key back on, and you will be locked in that program until you change it again.