Step 1:

Download & Install the SCT Device Updater Program

The SCT Device Updater Program is available for most windows based computers and available on the SCT Website under '*Software Downloads*'. It may require that your computer has been updated to the most recent operating system. If device updater is already installed proceed to '*Step 2*'

Link: https://derivesystems.helpjuice.com/136470-info/346005-download*s*

Step 2:

Open Device Updater

From the home screen or start menu, select *'Device Updater'*.

Step 3:

Connect Your Device & Update

With the provided USB Cable, connect one end to your device and the other to your computer's USB Port. Once connected, select '*Automatically Check For Updates*'. Once all updated have completed proceed to '*Step 4*'

Step 4:

Downloading & Saving Your Tune File/s

Once your order has been fulfilled you will receive an email with your purchased tune file/s. Download each file to your computer ensuring these are saved to a location of your choice. We recommend creating a folder specificity for these files should you ever need them in the future.

Step 5:

Loading Your Custom Tune File/s To Your Device

With '*Device Updater*' open, your device connected and your tune files saved to your computer. From the '*Device Updater*' main screen, select '*Load Custom Tune File*'. On the top right select '*Browse*', then navigate to the destination where you have saved the tune file/s. Select all desired tune files to load to your device then select '*Open*'. Each file will now be listed under the '*Available Tunes*' column, select each tune file then '*Add to Device*'. Upon adding these files to the '*On Device*' column, press '*Program*' to update your device. After successfully loading files to your device you can now exit the '*Device updater*' and unplug your device.

Step 6:

Connecting To Your Truck & Powering Your Device On

Connect your device to the truck's OBD2 port with the supplied cable. Turn your key all the way over to the run position without starting the vehicle. This will boot your vehicle's engine computer allowing the device to communicate with it. If you have a push-to-start vehicle, you should press the 'Start' button till it is in the run position.
DO NOT START THE VEHICLE

It is recommended to have your truck on a battery tender for the entire tuning process to ensure optimal battery voltage levels

Step 7:

Tune your Vehicle

With your device connected and powered up, select the '*Program Vehicle*' option, then follow the prompts. Select the desired tune file to be loaded and follow the prompts to complete the programming steps. Once the tune file has been successfully loaded you can unplug your device and start the truck.

Emissions Off Vehicle Tuning Requirements:

If you have loaded a custom tune for emissions off into your vehicle you must have the following complete to ensure your truck is running correctly.

1. The Vehicles DPF/CAT System **MUST** be removed with either the use of a delete pipe or full free flow exhaust system. All connectors for the exhaust system must be unplugged and sealed to ensure no moisture or water can enter the vehicle side connector.
2. The EGR can now either be removed from the vehicle completely with the use of an EGR delete kit or retained however all EGR system connectors **MUST** be unplugged and sealed to ensure no moisture or water can enter the vehicle side connector.
3. The Vehicles throttle valve **MUST** be unplugged and sealed to ensure no moisture or water can enter the vehicle side connector.
4. SOTF switches are to be installed as per their instructions, miss installation of a switch or a faulty switch will cause an SOTF tune to default to the first power level in the tune.

AMDP Custom Tuning uses FISH SOTF switches only and does not support any other brand of SOTF Switch. Use of any other switch may cause the truck to run incorrectly.

SCT Engine Tuning Abbreviations:

- SOTF - Switch on the fly (If the Vehicle is equipped with a switch)
- FT - Fuel Temp SOTF Switch
- CAC - Charge Air Control SOTF Switch
- LBF - Low Boost Fuel
- RUMBLE - Rumble Idle Sound (VGT Turbos Only)
- HISS - Hiss Idle Sound (VGT Turbos Only)
- Em.on - Emissions On Tuning / Em.off - Emission Off Tuning
- MODVGT - Modified VGT Turbo
- NONVGT - Non VGT Turbo / Fixed Vane Turbo
- 4IN - 4 Inch Intake (Stock)
- 5IN - 5 Inch Intake
- CP3 - CP3 Pump Conversions

SCT Ford Transmission Tuning / Transmission Tuning Abbreviations:

- **KAM Reset - Load this tune first prior to installing any modified trans tuning files (FORD)**
- LSP - Low Shift Points
- SSP - Standard Shift Points
- RSP - Raised Shift Points
- HSP - High Shift Points

SCT Alternative Abbreviations:

- ST – Single Fuel Tank
- DT – Dual Fuel Tank
- SRW – Single Rear Wheel
- DRW – Dual Rear Wheel
- MAN – Manual Transfer Case
- ELEC – Electric Transfer Case