

# ART 2020-2021 Ford Instructions

Please Note: 2022 6.7L Powerstrokes MUST have the EGR and Throttle Valves in place and connected at this time.

Install the AutoFlasher programming software and USB drivers onto your windows based laptop. They can be downloaded here.

## 2020-2021 Engine Tuning

Step 1: Locate the PCM on the Passenger side firewall and disconnect ALL 3 connectors.

Step 2: Connect the power harness to the vehicle battery (ensure correct polarity).

Step 3: Connect the Power harness to the Interface, then connect the supplied PCM connector to the Passenger side PCM plug on the vehicle.

Step 4: Connect the Interface to the Windows based Laptop with the previously mentioned software installed.

Step 5: Open the AutoFlasher software, select "Cable", then Select "Connect". If connection is successful proceed to

Step 6, if it is not reinstall the USB Drivers and check the USB connections. Step 6: Select "Bench", then "Power On". The message "Powering on module" should appear.

Step 7: Select "Bench", then "Identify". Confirm the PCM is being communicated with. If not, check power connections and repeat

Step 8. The Cable S/N, ECU S/N and VIN need to be emailed to [support@artuning.ca](mailto:support@artuning.ca) with your order number to receive the purchased tuning. To copy each number right click then Ctrl-V into the email.

Step 9: Once you have received the tunes via email, save them onto your computer. Repeat Steps 1-7 if you have disconnected from the vehicle.

Step 10: Select "Bench", then "Write", then "ECU", select the file previously emailed to you. The tuning process will now begin. Once it has completed you can disconnect all Interface connections and reconnect the factory PCM connectors.

Step 11: Ensure the vehicle starts and no DTC codes or dash messages are present. If anything is present please contact Tech support.

## TCM Tuning

Step 1: Connect the supplied OBD2 cable to the Interface and to the vehicle's OBD2 port.

Step 2: Connect the Interface to the Windows based Laptop with the previously mentioned software installed.

Step 3: Open the AutoFlasher software, select "Cable", then Select "Connect". If connection is successful proceed to Step 4, if it is not reinstall the USB Drivers and check the USB connections.

Step 4: Select "OBD", then "Identify". Confirm the TCM is being communicated with. If not, check power connections and repeat Step 3.

Step 5: Select "OBD", then "Get VIN". The Cable S/N, ECU S/N and VIN need to be emailed support@artuning.ca with your order number to receive the purchased tuning. To copy each number right click then Cntrl-V into the email.

Step 6: Once you have received the tunes via email, save them onto your computer. Repeat Steps 1-4 if you have disconnected from the vehicle.

Step 7: Select "OBD", then "Write", then "TCU", select the file previously emailed to you. The tuning process will now begin. Once it has completed you can disconnect all Interface connections.

Step 8: Cycle the ignition key and ensure the vehicle starts and no DTC codes or dash messages are present. If anything is present please contact Tech support.

### [Adding VIN License Credits](#)

Step 1: Connect the Interface to the Windows based computer.

Step 2: Open the AutoFlasher software.

Step 3: Select "Credits", then "Retrieve Credits".

Step 4: The Credits should automatically be added. If not ensure you are connected to the internet and repeat steps 1-3