2020+ YAHAMA R1/M FLASH TUNING INSTRUCTIONS

NOTE: IT IS IMPORTANT TO FULLY READ THESE INSTRUCTIONS AND TROUBLESHOOTING BEFORE YOU FLASH YOUR BIKE!!

1. Be sure to watch our instruction video on YouTube to prepare your handheld and email us your motorcycle's file. **NOTE:** *AFTER SELECTING "YZF-R1" AND SELECTING WHICH MODEL ON THE FLASHER+, IT'S IMPORTANT TO SELECT THE MODEL THAT STARTS WITH **"DENSO BL3-" (middle option).** TO SEE THIS THE MODEL SELECTED WILL AUTOMATICALLY SCROLL IF LEFT ALONE. BE SURE TO "ID" THE BIKE AFTER SELCTING YOUR MODEL.*

2. After you've loaded your handheld with the file(s) emailed to you, use the video link and password we email to you to prepare your motorcycle for flashing.

3. Remove the main seat on your motorcycle (not passenger seat) and remove the plate covering your battery (6, 4mm Allen bolts are holding this plate down. Once the plate is removed **connect your battery charger**. If your battery is low, please allow some time to charge your battery before flashing. ****ERRORS MAY OCCUR IF YOUR BATTERY IS NOT PROPERLY CHARGED****

4. Using the cables we provided to you in the shipment of the Flasher+, connect to your motorcycle by finding the RED diagnostic port. This will connect with the red end of the cable shipped to you. As soon as you connect to the motorcycle the Flasher+ will power on to the main menu automatically. (Your motorcycle does not need to be keyed on at this time.

5. Using the arrow keys on the Flasher+, go to "Work" - "Modified" - and select your desired file using the right and left arrows. Each file will have a short description.

6. Once your desired file is selected you'll be asked to key on and off the bike multiple times during the flashing process. Be sure to read each prompt carefully before you proceed. ***IMPORTANT*** *When the Flasher+ requests you key the motorcycle on, please allow (3) seconds for the fuel pump to prime. The initial voltage spike may cause an error if you press "OK" too fast after key on.* **PLEASE NOTE:** When flashing a new file for the first time you may receive an error that says "*Code [0x3320] Change of session not possible*". If this occurs the Flasher+ will take you back to the main menu. Please try to flash again. If battery is fully charge flashing will succeed the second time.

7. After flashing process is complete and your handheld returns to the main menu, you can disconnect the Flasher+ and disconnect the battery charger. You can now reinstall the battery plate and seat.

8. Before riding your bike be sure to clear any engine faults with the handheld by going to "Work" then "Tools".

TROUBLESHOOTING

- ***After flashing your bike you notice the quick shifter is not working:***
  - Look first at your dash cluster (TFT screen), if you notice that "QS ↑↓" is not displayed on the top left of the screen, it means your shifter is disabled. This may occur only on the mode that you flashed your bike on. To verify this isn't a quick shifter issue, select a different mode and you'll notice the quick shifter reappears on the screen and is operable.
- **SOLUTION:** On the right clip-on there's a wheel switch titled "Menu". Long push - press and hold the wheel Description switch for one second to access the MENU screen. Using the Menu wheel, scroll to the bottom and select "ALL RESET". After resetting exit the menu by pressing and holding the Menu wheel. This will exit to the main screen and your quick shifter should now be displayed in all modes and functioning.

- **NEVER UNPLUG THE FLASHER+ IN THE PROCESS OF FLASHING!!** This may cause the motorcycle's ECU to become unusable