

Tempest 3 (T3) Installation Instructions Yamaha GP1200R

The Tempest 3 Model 1290 Ignition is designed for use with Yamaha GP1200R (GPR) and XL1200 PWC's. Used with all model years.

Tools Required

- 10mm wrench
- 12mm socket
- #3 Phillips screw driver

Installation Overview

This ignition is designed to give you trouble-free service if installed according to these instructions. Read the entire instruction procedure before beginning this installation. If you don't understand any portion of these instructions, refer installation to a qualified technician.

Set the programming switches to your settings

Before proceeding with the physical installation of the Tempest 3 Ignition it is advisable set the programming switches to setup the ignition to match the specific configuration of your boat. These settings are described in the User Guide.

Refer to the section "User Guide" now

Remove Electronics Module from its mounting location at rear of engine

1. Using the 12mm socket, remove the 4 plastic covered nuts (2 on each side) holding the Electronics Module in place
2. Swing the module away from the mounting studs to expose the cover plate on the back of the module
3. Using the 10mm wrench, remove the self-tapping screws around the perimeter of the cover. Remove the cover and 'O' ring

Unplug and remove the factory ignition module

1. Using the #3 Phillips screwdriver, remove the self-tapping screw from each side of the ignition module. Swing the metal bracket with attached wires away to expose the ignition module
2. Lift out the Ignition module and detach the three plugs

Install the programmed Tempest 3 Ignition into the Electronics Module

1. Attach each of the three connectors removed from the stock ignition to the Tempest 3 Ignition
2. Set the Tempest 3 into the location the stock ignition was removed from
3. Replace the metal bracket with attached wires over the Tempest 3. Be sure the mounting holes of the metal bracket and the Tempest 3 are aligned with the holes in the mounting posts

Test the Ignition

You will now do a simple 'start and idle' test to confirm that the Tempest Ignition is properly installed.

1. With the cover not installed place the electronics module back into its normal mounting location.
2. Install one of the mounting nuts on each side of the module to help hold it in place while the engine is running.
3. Depress the START button and the engine should start normally. Depress the STOP button and the engine should stop.
4. Start the engine again then pull the TETHER, the engine should stop.

If problems are encountered with the preceding tests, recheck your installation. Pay close attention to any wires that may have separated from their connectors, especially the ones located on the metal mounting plate over the ignition. Double check that each of the three connectors attached to the Tempest 3 are completely inserted and latched in place.

**If problems persist please call Advent Ignitions for technical assistance.
The number is located at the end of these instructions.**

Reattach the Electronics Module cover plate and remount the module in the PWC

1. Remove the nuts used to temporarily hold the electronics module in place for the previous tests and remove the module and place it horizontally on engine.
2. Replace the large 'O' ring in its track and place the cover in position.
3. Reinstall all self-tapping stainless steel screws to secure the cover and to insure the module is once again watertight.
4. Remount the module and attach the four plastic covered mounting nuts to secure the module in place.

Last Things Last

Restart the boat to insure that things still work properly.

Attention! Severe engine damage may occur

Do not attempt to operate the boat on the water until you have properly set all the Programming Switches on the Tempest 3 Ignition.

**If you have any questions or comments, please contact us by phone, FAX or E-Mail.
Be sure to reference the year and model of your Boat.**

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