



1997 Micro Touch Rev-Limiter Installation Instructions 97 GTX / 97 SPX

Sea•Doo® watercraft with 785cc Engines

Preface - *These instructions are intended to aid in the installation of the MT-REV-SD 97 ® Rev-Limiter Module. Please read the following completely before beginning. If there is any portion that you do not understand contact a qualified Sea•Doo Mechanic or contact technical assistance at (714) 556-6100 or you can find our most frequently asked questions on the World Wide Web @ www.micro-touch.com/mt Basic mechanical and electrical knowledge is required. A Sea•Doo shop manual may also be of great assistance.*

NOTE: - *The installation of this MT Rev-Limiter may void the factory Sea•Doo Warranty.*

Installation Procedure for 1997 SPX and GTX Models ONLY!

- 1) *First YOU MUST disconnect the battery.*
- 2) *Now remove the gray electrical plug from the magneto housing on the front of the engine.*
- 3) *Locate the gray electrical box in the front of the watercraft. Now release the clips and (strap if equipped) holding the gray electrical box in place. Loosen one of the black screws on caps and pull out the gray rubber grommet to release the air inside. This will make it much easier to open the electrical box without damaging any of the four clips. Once the electrical box is open locate the M.P.E.M. module. This is the module with the fuses on top. The M.P.E.M. also has the most wires.*
- 4) ***First Install wire harness per Yellow sheet attached.*** *Now install the MT Rev-Limiter inside the gray electrical box. You will find a couple of plastic clips inside that should hold it in place.*
- 5) *Now find the ground lug that holds all the black ground wires inside the electrical box. Loosen the 10mm nut and install the MT Rev-Limiter ground eyelet here. Make sure this connection is tight and the wires do not spin on the lug once the nut is tight.*
- 6) *Now find the yellow/white wire and unplug this wire from the connection close to the M.P.E.M. Module. Once the correct connectors are installed on the MT Rev-Limiter this yellow/white wire should simply plug in.*
- 7) *Now you will find a white wire that also has a connection near the M.P.E.M. This wire goes from the M.P.E.M. out of the electrical box to the ignition coil. **POLARITY of these white wires is very important.** Once you unplug this connection you will find that the white wire that comes from the M.P.E.M. has a female connector on it. It is very important that the white wire labeled M.P.E.M. on the MT Rev-Limiter goes to this connection. The other white wire that comes from the corner of the MT Rev-Limiter labeled COIL goes to the white wire exiting the electrical box and to the ignition coil. Now go back and check all these connections again!*
- 8) *Locate any switched 12 volt purple wire inside the electrical box. You may have to unplug one of the connections to plug in the purple wire from the MT Rev-Limiter. Remember, if you unplug a wire it must be plugged back into something. Nothing is left unplugged. Once you have inspected the electrical box for any loose wires, close it back up and re-install the electrical box in its location.*
- 9) *Reinstall the gray electrical plug and the battery cables.*