



Installation Procedure for 1997 XP and GSX Models ONLY!

- 1) **First YOU MUST disconnect the battery.**

CAUTION when using HEAT SEAL CONNECTORS

The plastic shroud over the factory Sea•Doo harnesses **MELTS** at a very low temperature. Pull the wire away from the shrouding and seal with caution!

- 2) Now remove the gray electrical plug from the magneto housing on the front of the engine. Locate the yellow/white wire in this harness that goes to the large M.P.E.M. module located in the bow (nose) of the 97 XP or on the side of the hull on the left, in front of the fuel tank of the GSX Models. You will need to find a suitable location to mount the MT Rev-Limiter, then cut this yellow/white wire and connect the yellow/white wire from the MT Rev-Limiter here. Make sure these connections are all crimped and heat-sealed. **NOTE:** Caution when using a heat gun or any device to heat-seal these connectors make sure that the hull is properly ventilated of fuel fumes. If it smells of fumes, wash out the hull with detergent soap and water, then run a large fan in the rear of the watercraft (outward) drawing the fumes out of the hull.
- 3) The next wire you will need to locate is a solid white wire that goes from the M.P.E.M. to the ignition coil. You will also cut this wire at a location suitable to reach the MT Rev-Limiter. **POLARITY of the white wire once cut is very important.** Once you cut this white wire you will need to make sure which end goes where! Find the white wire that comes from the M.P.E.M. 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 that goes to the ignition coil.
- 4) To complete the ground needed to the MT Rev-Limiter connect to a black wire in the rectifier harness located to the right of the M.P.E.M. **1998 GSX Limited ONLY!** You will need to locate a suitable ground. You will notice the electric trim switches have a blue/white wire, green/white wire and a black wire. The black wire is a good ground wire to use. Connect the long black wire from the MT Rev-Limiter to this black ground wire.
- 5) Next and most important you need to locate a SWITCHED 12-volt source. On all Sea•Doo watercraft in 1997 the solid purple wire is a good source for 12 volts switched. Although, YOU MUST CHECK to see that it is switched. You will need to install the gray plug back into the magneto cover and temporarily reinstall the battery cables. Now using a 12-volt test meter, check to see if you have 12 volts at the purple wire you have chosen. Say, 11.50 volts when engine is off and 12.50 volts when running.. This is very important that you have 12 volts only when the tether is installed and the engine is running. Once you pull the tether the 12 volts should go away. If you are having a hard time locating this wire start at the back of the gauges and you will see a purple wire that loops between the gauges, follow this wire into the engine compartment. Once you have located the wire remove the battery cable again and unplug the magneto harness. Now, splice into it where you can still reach the purple tee harness coming from the MT Rev-Limiter.
- 6) Insert the gray plug back into the magneto cover and reinstall the battery cables.

Note:

Sea•Doo and RAVE are registered trademarks of the Bombardier Corporation

Trademarks and trade names used in these instructions are property of their respective owners and Micro Touch, Inc. disclaims any proprietary interest in the trademarks and trade names other than its own.