



## MT-REV-SD 89-91

# Installation Instructions for 1989 - 91 Sea•Doo® Watercraft with 580cc Engines Excludes All other Models

**Preface** - These instructions are intended to aid in the installation of the MT-REV-SD 89-91 Rev-Limiter in all 1989-91 Sea•Doo® Watercraft. **Please read the following completely before beginning installation.** If there is any portion that you don't understand, please contact a qualified Sea•Doo mechanic or call Technical Assistance at (714) 556-6100. Basic mechanical skills and electrical knowledge are required. A Sea•Doo® shop manual may also be of great assistance.

**Note** - The installation of this Rev-Limiter may void the factory Sea•Doo® Warranty.

### **Installation Procedure**

1. Disconnect the ground wire (black cable) from the battery.
2. Open the top cover of the electrical box, located on top of the battery.
3. Located under the starter solenoid and the rectifier you will find the factory rev-limiter.
4. Disconnect the red wire from the factory rev-limiter and connect the MT Rev-Limiter red wire at this connection. Now, do the same with the remaining two wires. The factory rev-limiter may be removed from the aluminum plate or can be left in place.
5. This is a good time to check the RPM limit adjustment settings of the MT Rev-Limiter. Adjust the MT-Rev-Limiter to the lowest setting without engagement in smooth water. 7,250 rpm is a good starting point.
6. Install the MT Rev-Limiter in the bottom of the electrical box with 2-sided tape or Velcro.
7. The MT Rev-Limiter will operate the same as the factory unit, all but the RPM limit.
8. Re-install the battery cable and start the engine momentarily. Check all of the start and stop switches for normal operation. Do not run the engine without having water connected to it. An engine flush kit is a handy way to run the engine.
9. Re-install the electrical box cover.
10. Remember, ride the boat on smooth water and make sure the engine does not engage the MT Rev-Limiter. If it does, simply open the electrical box cover and set the MT Rev-Limiter to the next adjustment setting.
11. If it does not engage, take the boat back out and run it in a little rougher water and you should feel the MT Rev-Limiter then limit the engines RPM. If you do not feel the engine limit at all, even in rough water, you might try the next lower adjustment setting.

### NOTE:

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