



## 1996 Micro Touch "RACER" Rev-Limiter Installation Instructions for all 96 Sea•Doo® watercraft with 785cc Engines 96 XP-785 / 96 GSX / 96 GTX / Excludes 95 XP-800

**Preface** - These instructions are intended to aid in the installation of the MT-REV-SD RAVE® 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](http://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

1) **First YOU MUST PROGRAM the MT Rev-Limiter / Timing Module !!!**

Notice on the back of the engine (Between the rear cylinder and the gray driveshaft cover you will see a plate that says Bombardier, also it has the engine serial number and the engines displacement on it. Once you have located this plate look just one inch or so towards the exhaust pipe you will find another plate that says ROTAX and IGN TIMING with a number between 1-8 on this plate. If you do not have the plate that says IGN TIMING on it, the engine case will have a number stamped in it. Sometimes, this is very hard to see because they stamp the number in the engine case before the engine is painted. Once you locate the number go to step # 2. If the engine has been replaced you will not find a number or if you cannot read the number you must adjust the engine timing according to the Sea•Doo shop manual. Instead of using the programmer from Sea•Doo you will perform the final timing adjustment with the MT Rev-Limiter Module. Note the engine case number and now locate the corresponding number on the chart below:

MT Rev-Limiter for 1996

**NEW RACER TIMING ADVANCE CURVE !!!**

This chart is for use with Micro Touch MT-REV-SD RAVE 96 and to be used ONLY with Nipondenso unit # 071000-0811

Engine Case #	Degree of correction	Timing Correction Chart			Rev-Limiter	
		Jumper #1	Jumper #2	Jumper #3	Jumper #4	
2	+3 deg	●	□	□	□	7900 RPM
3	+2 deg	□	●	□	●	8400 RPM
4	+1 deg	●	●	□		
1	0 deg	□	□	□		
5	-1 deg	□	□	●		
6	-2 deg	●	□	●		
7	-3 deg	□	●	●		
8	-4 deg	●	●	●		

  

Legend	
Jumper ON	Jumper OFF
□	●



Jumper # 1 is closest to the wires  
The Red jumper is jumper # 4

Go up on chart to advance timing