

## Racing Beat Aluminum Flywheel

Racing Beat's Aluminum Flywheel allows your rotary engine to accelerate more rapidly as a result of the reduction in flywheel mass. Since power is not wasted in accelerating a heavy, high inertia flywheel, the amount of power available to accelerate the vehicle is increased. The largest improvement is in the lower gears.

### **TORQUE SPECIFICATIONS**

Flywheel Bolts: 28 ft/lbs

Pressure Plate Bolts: 14 ft/lbs

### **Important Note:**

This hardware kit is intended for use **ONLY** with a Racing Beat flywheel.

### **All Applications:**

- Use the twelve (12) 5/16" ID washers with the 8MM pressure plate bolts & nuts.
- Use the six (6) 3/8" ID washers with the 10MM flywheel retaining bolts.

### **1974-92 12A & 13B Non-Turbo Engines**

The Racing Beat Flywheel hardware kit includes two (2) precision-machined 4130 pilot bolts (black oxide finish) that features larger 9/16" hex heads. These two bolts are used in the pilot holes found on the pressure plate and are identified as follows: Locate the hole on the circumference of the pressure plate with a smaller hole immediately adjacent - this hole is one of the pilot holes. The other pilot hole is positioned 180° opposite this hole.

**IMPORTANT!!!** INSTALL THE (2) PILOT BOLTS FROM THE TRANSMISSION SIDE OF THE FLYWHEEL THROUGH THESE (2) PILOT HOLES. The remaining bolts securing the pressure plate to the flywheel may be installed from either side.

Your hardware kit for these applications includes six (6) aluminum spacers; these are intended to be installed between the pressure plate and the mounting surface of the flywheel.

### **1987-95 RX-7 Turbo & 2004-2011 RX-8**

The Racing Beat Aluminum Flywheels for these applications are equipped with steel pins that "index" the pressure plate so that it is correctly centered on the flywheel, thereby eliminating the need for pilot bolts.