

RACING BEAT ALUMINUM FLYWHEEL

Instructions for Part Numbers

11448, 11449, 11452, 11453, 11456, 11457, 11462, 11464, 11465

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.

Because this flywheel is extremely lightweight, it is intended primarily for road race applications. In some instances, the reduced inertia makes it more difficult for a vehicle to move forward from a standstill: this typically occurs when starting up a hill.

TORQUE SPECIFICATIONS

Flywheel Bolts	28 foot-pounds
Pressure Plate Bolts	14 foot-pounds

With the exception of the 1987-95 Turbo RX-7 Aluminum Flywheel Packages* (P/Ns 11448 & 11449), the hardware kit provided includes (2) black bolts (pilot bolts) with the larger 14mm heads. These two bolts are used in the pilot holes found on the pressure plate and identified as follows: Locate the hole on the circumference of the pressure plate with a smaller hole immediately adjacent to it. This is one of the pilot holes; the other pilot hole is 180 degrees opposite this one.

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.

*The 1987-95 Turbo RX-7 Racing Beat Aluminum Flywheels 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.

If your hardware kit includes aluminum spacers, these are installed between the pressure plate and the mounting surface of the flywheel.