

Thursday, March 24, 2005

Clutch Support Installation Procedure.

The clutch support plate is made by Rotax and **is legal** for R-Max competition. It provides superior lateral support for the (3) pins which your flyweights are pivoting on.

Here is the skinny as we have tested them at SpeedQuest.

These things were introduced in October and seem to be doing a great job, but only if installed properly.

When you buy the support plate, be sure to buy (3) new retaining rings for your clutch as well.

Installation:

1. Remove your clutch drum, being careful not to lose the inner washer and the needle bearing.
2. With a QUALITY pair of snap ring pliers, remove the (3) bronze colored retaining rings.
3. **THROW AWAY THE SNAP RINGS, UNLESS YOUR FEELING LUCKY!!!**
4. Now remove the (3) black washers which were beneath the snap rings. Cleaning the clutch with brake cleaner or carb cleaner at this point would be a good thing.
5. Slide the new support plate on to the flywheel dowels (the raised portion of the dimples on the support plate should be facing you).
6. Install the **new** retaining rings being very careful not to stretch them. The retaining rings should be installed so that the dimples on the face of the clutch plate are located within the gap of the retaining ring. This prevents the rings from coming off prematurely which is probably what those who have had problems have failed to do.

Courtesy of Nick Weil
Speedquest Karting
Orlando, FL