

# PRO-ALUMINUM WASH-OUT ARM #0537

**Parts Required:**

2	#0109	M3x8 Threaded Steel Balls
2	#0223	Wash-Out Special Links
4	#106-02	M3x7 Flanged Bearings
2	#106-05	Machined Wash-Out Control Arms
4	#106-06	Small Flanged Bearings for Pivot
2	#106-07	Pivot Pins
5	#106-08	Circlips

**NOTE:** One extra #106-08 circlip is included.

- A. Take the two machined washout control arms #106-05 and two M3x8 balls #0109(long shank) and thread a ball into the hole in the long end of each arm from the flat side. Use Loctite.
- B. Press the M3x7 flanged ball bearings #106-02 into both sides of the center holes in both control arms using red or blue Loctite. Do not allow the Loctite to get into the bearings.
- C. Using two special washout arm bolts #0097 (from your existing washout unit), and carefully follow the drawing, screw the arms on the washout center hub #0219. (Suggestion: squarely start the thread of each bolt into its hole in the hub part way first without the arm.) The control ball should face inward. Tighten entire assembly until there is no lateral play and no bearing drag.
- D. Locate four #106-06 flanged bearings, press two into each end of the control arms #106-05. Seat squarely in place. Using two pivot pins #106-07 assemble the wash-out special link #0223 to each control arm through bearings #106-06. Their orientation is shown on the drawing. Note that they mount on the short end of the arms, projecting inward. The pins press in place centered in the links. Secure each end of the pins using circlips #106-08. The special links #0223 should have no end play and pivot freely. If they do not pivot freely slide an x-acto blade or razor blade around the pin in between the plastic link and the washout arm. This will slightly remove any plastic burrs.
- E. Slide assembled wash-out unit down onto the mainshaft, snap the two #0223 wash-out links onto any two opposite #0109 steel balls on the inner ring of the swashplate.

