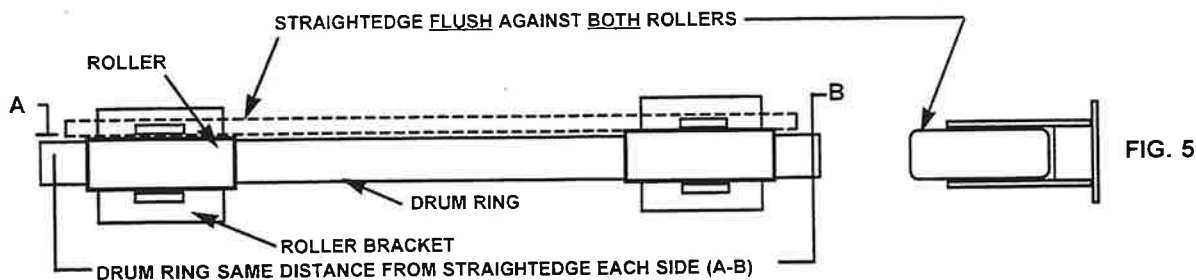
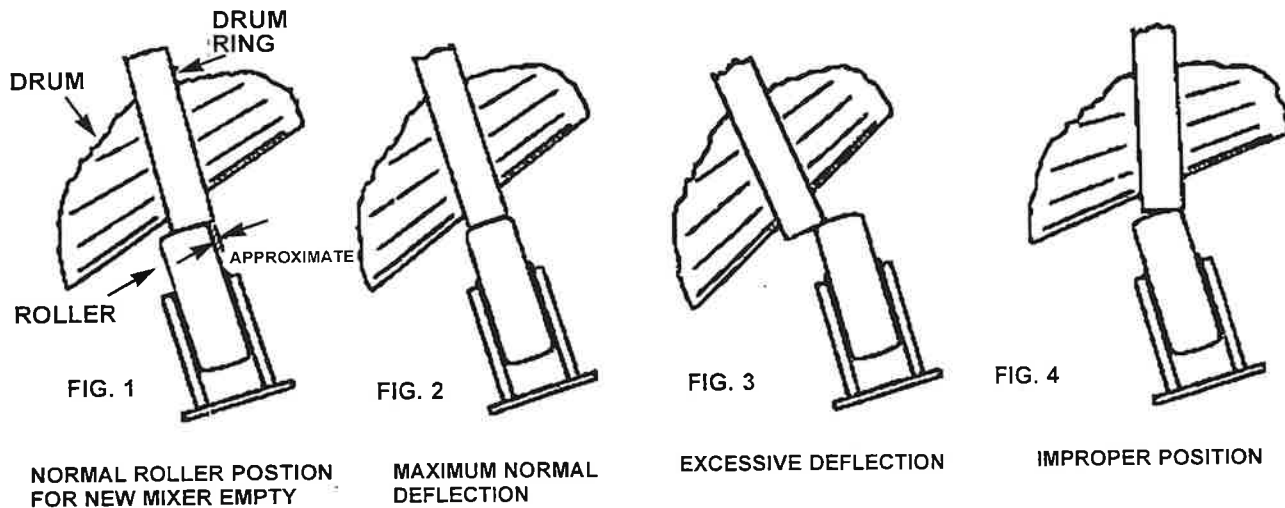


ROLLER ADJUSTMENT



ROLLER ADJUSTMENT

Truck frame flexure usually affects the position more than the alignment of the drum rollers. On a new mixer, the rollers are set slightly ahead of the drum ring (Fig.1). Loaded deflection to the position in (Fig.2) is normal. Excessive deflection (Fig.3) should be cured by straightening the truck frame. A less desirable method is to tilt the roller by shims placed under the rear of the roller base. Do not allow the rollers to ride on edge (Fig 4). Regardless of position, rollers must align with each other and with the ring (Fig.5) to achieve a true rolling action. A roller not "tracking" the ring will drag and scuff causing excess water.

The tapered roller bearings are adjusted in the same manner as automotive front wheel bearings. Allow neither free play nor binding. If both of these conditions cannot be accomplished, replace the bearing.