



KDT/KDL-6 Wiper Basket Removal and Verifying its Trueness

Removing the Wiper Basket:

1. Loosen the jam nut. Holding the drive shaft securely, rotate the wiper basket in the reverse direction from its normal rotation. When the basket disengages from the shaft, set it aside temporarily.
2. To remove the rollers from the wiper basket, remove the wiper shaft nuts from the wiper basket top hub. Withdraw the shaft assembly and remove the wiper rollers for cleaning. Replace, if required. [Note: Two of the rollers are half the size of the other rollers. These should be placed on the same rod, one at the top and one at the bottom, so that the seams of the rollers are staggered from the seams of the rollers on the remaining two arms.]

Truing the Wiper Basket:

1. Locate the jam nut and wiper basket assembly. Completely thread the jam nut onto the drive shaft. Thread the wiper basket assembly onto the drive shaft. Make sure to secure the wiper basket assembly into position by screwing down the jam nut (it may have shifted during shipment).
2. To ensure proper alignment of the wiper basket assembly, place a pointer device within 1-2 mm of the perimeter of the bottom hub of the wiper basket. Rotate the wiper basket by hand and observe the variance in the gap between the pointer device and the bottom hub. If there is no variation in the gap, the wiper basket assembly is properly aligned. If the gap between the pointer device and the bottom hub varies by more than 1 mm during a complete rotation, adjust and tighten the strand nuts that secure the wiper basket stands to the wiper basket top hub. It is recommended to number the strands with a marker for reference. Minor adjustments in the location of these nuts will lengthen or shorten the stand distance from the top hub to the bottom hub. Adjust the nut positions until the variance in the gap between the pointer device and bottom ring is eliminated. When finished, be sure all strand nuts are tight.