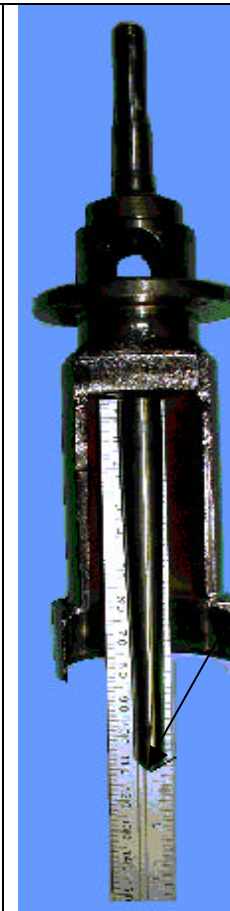
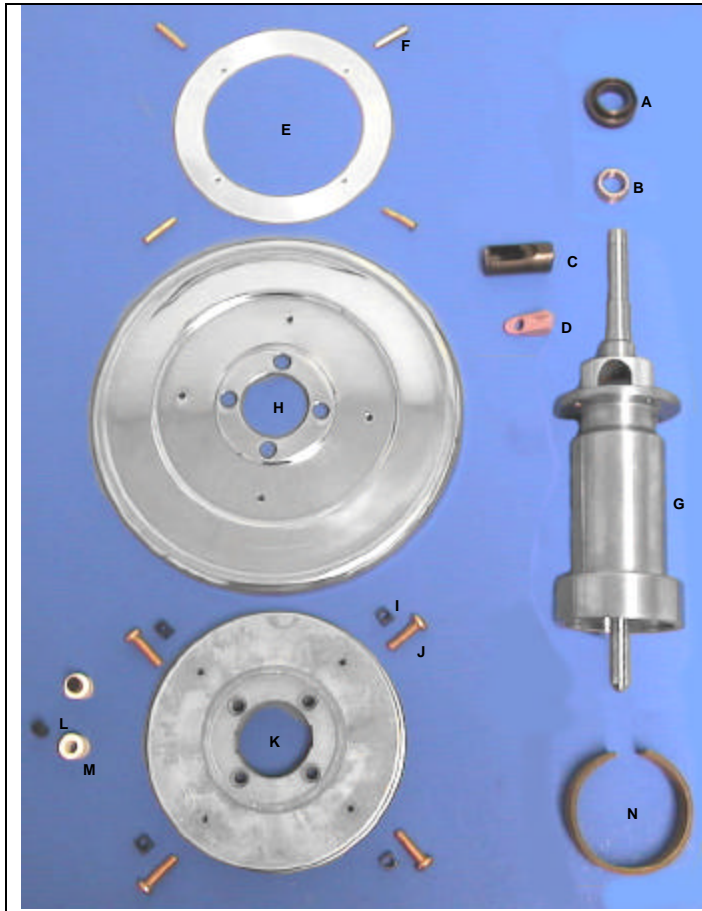


**SPINDLE REBUILD FOR VOLKMANN
07 BA3**

- A) Seal Ring
- B) E13 Inner Race
- C) Thread Guide Cover
- D) Thread Guide
- E) Balance Ring
- F) Brass Rivet
- G) Blade & Whorl Assembly
- H) Stainless Steel Twist Plate
- I) Security Bushing
- J) Torx Screw
- K) Reserve Disc
- L) Damping Piece
- M) Hourglass Ceramic
- N) Brake Lining, Pre-Formed



Blade & Whorl Assembly

Minimum axle length, to tip, to qualify for rebuild is 108mm

DESCRIPTION OF BASIC REBUILD SERVICES:

EE402006	Upper Spindle Refurbish: Complete Clean-Up, Grind Tip, Replace E13 Race (B), New Brake Lining (N), Balance Ring (E), Damping Piece (L), Rivets (F), New Hardware and Balance
	If Stainless Twist Plate EE440188 (H) is required...
	If Blade & Whorl EE440293 (G) is required...
	IF Blade & Whorl (G) and Twist Plate (H) are required...

ADDITIONAL ITEMS:

EE440203	Replace Reserve Disc (K)
EE402120	New Bolster Only
EE440020	Lower Spindle Complete, Bolster with Brake Shoe, Pin and Washers
EE480069	New Brake Shoe Only

August 1, 2003
Revised: August 28, 2003

