

SERVICE BULLETIN



THE
Indian MOTORCYCLE COMPANY

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Model ME/MT-100

Subject SHIFTER
ADJUSTING TOOL

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MAGNETO COVER SHIFTER ADJUSTING TOOL (For F500K Engine)

This tool will allow you to easily adjust your customer's transmission properly. By cutting a hole in the top of the center cases, directly above the transmission cavity, you can easily see how the receiver ball lines up with the holes in the countershaft.

Coat the receiver ball and the countershaft with machinist layout dye. Scribe a line around the center of the receiver ball and a line around the exact center of each set of holes in the countershaft.

Assembly: Insert the control shaft through the countershaft. Slide the left-wound spring, the control shaft washer, the ball receiver, control shaft washer, right-wound spring and spring stopper onto the control shaft (in that order) and secure with the snap ring. Then, placing the proper spacers on both ends of the countershaft, insert the countershaft into the crankcase halves, assemble the two halves and insert the crankcase screws. Slide the countershaft spacer collar and the sprocket onto the countershaft and install the nut.

Now you have a testing device for making preliminary adjustments of the shift mechanism. Simply line up the lines scribed around the countershaft and ball receiver using the adjustment procedures outlined in Chapter V of the Indian Workshop Manual (Part No. 82-WM-480) under the heading "Adjusting Transmission Gear Selector System", Section 1, Page 49.

NOTE: Due to manufacturing tolerances, it may be necessary to make a slight adjustment of the shifter arm after refitting the magneto cover to the engine.

List of Parts Required to Assemble the Shifter Adjusting Tool:

1 set 92001065 Crankcase (Left & Right)	1 ea. 92001145 Spacer
1 ea. 92001067 Bushing, Countershaft	1 ea. 92001149 Control Shaft
1 ea. 92001071 Bearing (#6204)	1 ea. 92001150 Spring, Left
1 ea. 92001160 Nut	1 ea. 92001151 Spring, Right
1 ea. 92001159 Washer	2 ea. 92001135 Washer
1 ea. 92001156 Sprocket	1 ea. 92001152 Ball Receiver
1 ea. 92001155 Collar	1 ea. 92001153 Stopper
1 ea. 92001146 Shim .2	1 ea. 92001154 Snap Ring
1 ea. 92001137 Countershaft	8 ea. 92001068 Screw

