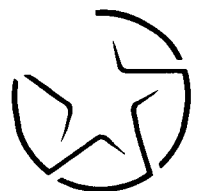
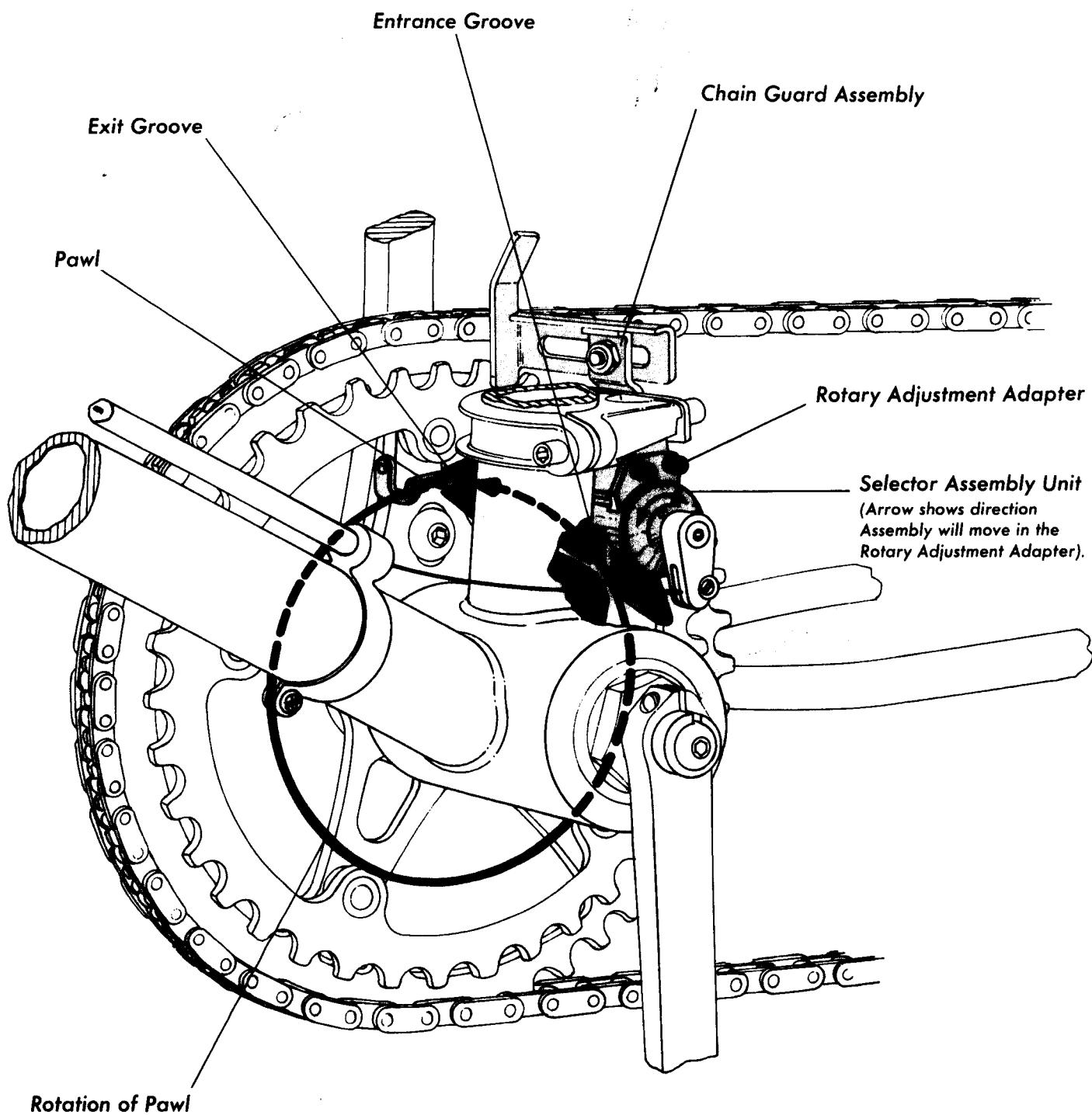


REVISIONS TO THE BMX 2 SPEED MANUAL



BROWNING™



ILLUS
16B

MOUNTING OF SELECTOR ASSEMBLY UNIT WITH ROTARY ADJUSTMENT ADAPTER.

REVISION TO STEP 3

The BMX 2-speed now incorporates a Rotary Adjustment Adapter. This Adapter will provide a means of adjusting the Selector Assembly "radially" (The entire selector can be made to rotate by sliding in the Adapter's dovetail grooves.) The Adaptor will compensate for most irregular alignments that may exist on the frame, in particular the seat tube, of your particular bike.

With the chain ring cassette in place and the mounting bracket loosely affixed to the seat tube, place the complete Selector Assembly in position (Illustration 17). Be sure that the Assembly is parallel to the chain ring. (Illustration 18)

Bring the complete Assembly up or down to approximately a 2" radius.

Now the Selector Assembly is ready to be adjusted radially. By using the pawl as a gauge, carefully back pedal and touch the exit groove of the cam housing. Pedal forward and touch off the entrance groove of the cam housing. Any misalignment can be corrected by loosening the allen head screws and rotating the entire Selector Assembly in the grooves of the Rotary Adjustment Adapter.

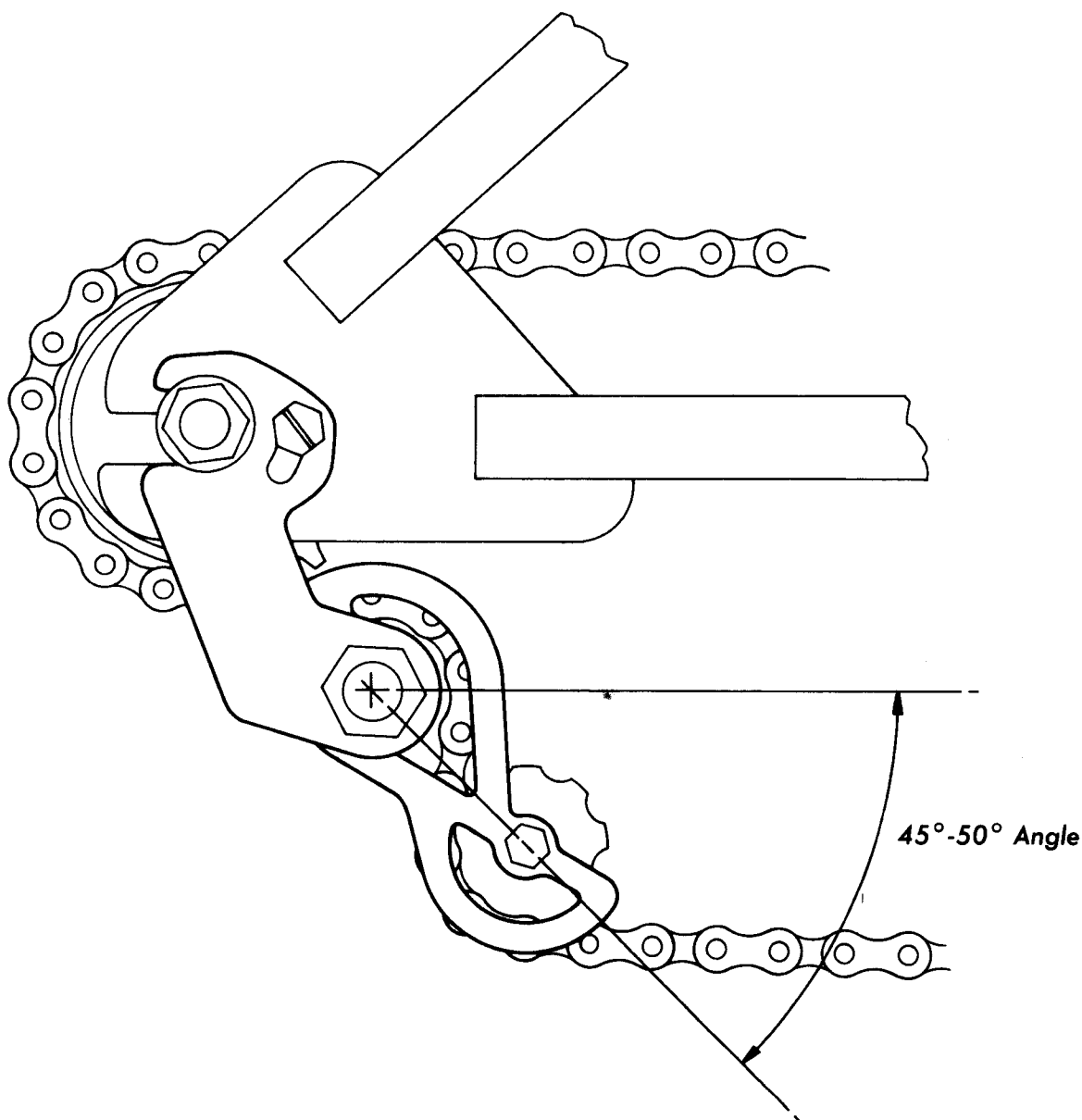
By combining the height adjustment and the radial positioning adjustment, you can position the Selector Assembly so that the pawl enters and exits precisely as shown in Illustration 17B.

Once this alignment has been made, the Chain Guard must be positioned. This is done as follows: Switch the chain to the small chain ring and stop rotation. Loosen the screw and nut assembly and slide the Chain Guard over towards the chain. Position the Guard so that there is approximately a 1/16" clearance and retighten screw and nut assembly.

*All illustrations are reference to numbers in the black BMX 2-speed manual.

Note

This revision to Step 3 takes precedence over the Note on page 13. The Rotary Adjustment Adapter solves the problems that have existed due to seat tubes that are not in line with their bottom brackets.



ILLUS
16C

ANGLE OF CHAIN TENSIONER

A 45°-50° angle of the chain tensioner (Illustration 16C) will provide the necessary chain tension for proper operation of the Browning Transmission. Position the chain on the large sprocket. The correct angle can now be achieved by adding or removing links from the chain.