Instruction Sheet For #96385-78A

Shift Fork Gauge

USE TO SET AND ALIGN SHIFT FORKS ON PLATE TYPE SHIFTERS.
USE ON BIG TWIN 4-SPEEDS 1979-1986



WARNING: Be sure to disconnect the battery ground cable.

1. Refer to H.D.® Service Manual for specifications.
2. With shifting cover upside down on work bench, and shift drum installed in cover.
3. Place tool on cover with the two dowel pins in tool

   aligned with the two dowel pin holes in cover. At the same time aligning the two sliding block pins into the shifting plate, in the neutral position.
4. Tighten the two thumb screws, remove tool from shifting cover.
5. With the transmission case mounted in JIMS® tool #1008-TS in the vice, and with both shift forks in place.
6. Flip tool over so dowel pins of tool are facing up. Slip tool over dowel pins in case, at the same time make sure shift fork fingers are aligned in tool groove.
7. With thickness gauges, check clearance on both sides of shifting clutches, low and second gear should have .080-.090 inch clearance on both sides. Third and high gear should have .100-.110 inch clearance on both sides.
8. If clearances are not the same or within specifications, you must remove shift fork assembly, and remove or install shim washers as needed, reassemble and check per instructions on line 6 & 7 above.
9. Do not over tighten nut on shifting fork assembly, it may lock on shaft.
10. See H.D.® Service Manual for parts breakdown.

CAUTION: Wear safety glasses. Excessive force may damage parts! ,See JIMS® catalog for over 100 other top quality professional tools. The last tools you will ever need to buy.

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