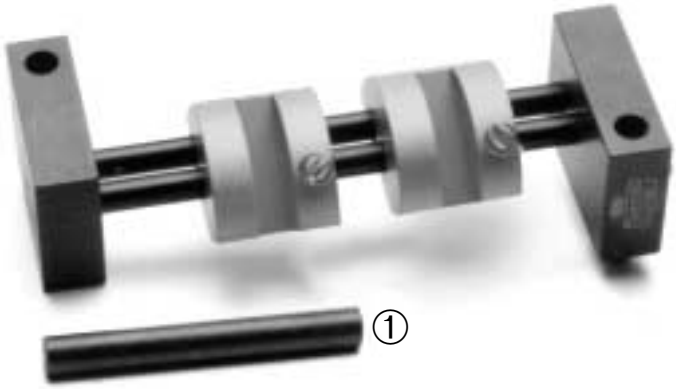
Instruction Sheet For #96384-39



Shift Fork Gauge

USE ON BIG TWIN - 1939-78

Refer to H.D.® Service Manual for specifications.
CAUTION: Make sure you disconnect the battery ground cable.

1. With shift cover up side down on work bench, and shift drum installed in cover.
2. Place tool on cover with the two dowel pins in tool, aligned with the two dowel pin holes in cover. Press tool into the pin holes.
3. With the gauge pin #1 laying in one of the grooves in the tool, loosen that thumb screw.
4. Slide gauge pin into the shifting drum's long straight opening, so 1/2 of the pin is in tool and shift drum.
5. Hand tighten thumb screws, do the same for the other side of tool. Be sure you are in the long straight part of shift drum.
6. With trans case mounted in JIMS® tool #1008-TS, in vice, with both shift forks and finger rollers (top hats) in place.
7. Flip tool over so dowel pins of tool are facing up, slip tool over with finger top hats in the top groove of tool and over the (2) two dowel pins of the trans case.
8. With thickness gauges check clearance on both sides of shifting clutches, low and second gear should have .080-.090" clearance on both sides, third and high gear should have .100-.110" clearance on both sides.
9. 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 7 & 8 above.
10. Do not over tighten nut on shifting fork assembly, it may lock on shaft.
11. See H.D.® Service Manual for a break down of parts .

PARTS AVAILABLE SEPARATELY

No.	Qty.	Description	Part No.
1	1	GAUGE PIN 3/8	96384-39-4

CAUTION: Wear safety glasses. Excessive force may damage parts or tools.
Warning disconnect negative cable of battery to avoid accidental start ups.

"FROM THE TRACK... TO THE STREET!"
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