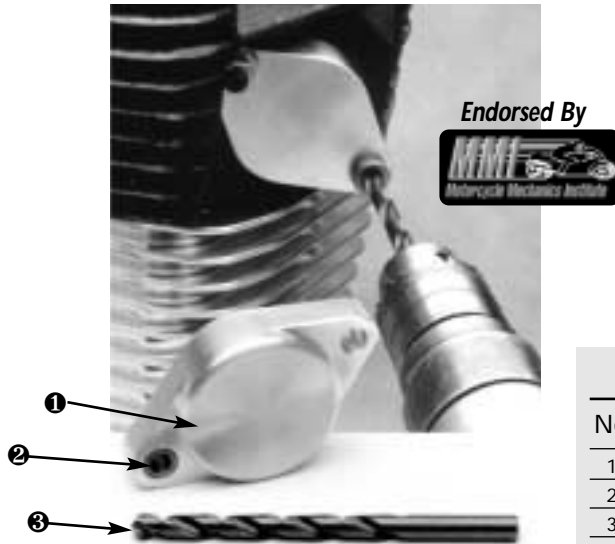




Instruction Sheet For Tool #1705

Exhaust Stud Drill I Plate. Use on Big Twin 1984-Present
Use on Sportster 1986-Present & Buell 1986-Present.



PARTS AVAILABLE SEPARATELY

| No. | Qty. | Description | Part No. |
|-----|------|-------------------|----------|
| 1 | 1 | DRILLING PLATE | 1705-1 |
| 2 | 1 | DRILL BUSHING | 1705-2 |
| 3 | 1 | 1/4" DRILL | 1705-3 |
| 4 | 1 | INSTRUCTION SHEET | 1705-IS |

1. Refer to H.D.® Service Manual for specifications for removal of exhaust system. NOTE: Only certain studs will be accessible because of frame interference. Before installing drill plate, a transfer punch can be used to help locate the center of the broken stud used through drill bushing.
2. Install drill plate on head with drill bushing centered over broken stud. Secure plate with one of the exhaust flange nuts on the remaining good stud. NOTE: you must have one existing good stud to use this tool. Using cutting fluid and the drill bit, part No.1705-3 turn drill slowly and apply medium to heavy pressure, drill out broken stud making sure to back out bit occasionally to clean out chips. Drill out stud completely and remove drill plate. Clear out remaining pieces of stud by running a 5/16 x 18 tap through hole to restore threads.
3. This tool is used only as a guide to drill out the broken stud, remember each situation is different. To remove broken stud completely might require removing some aluminum around stud, which will require installing an insert such as a helicoil or timesert.

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

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