

**V-Twin Mfg.**  
**5 Speed Transmission Door Remover/Installer**  
**VT No. 16-0756**

**This tool should only be used by a knowledgeable and trained motorcycle technician.  
V-Twin Mfg. Excepts no responsibility for improper use.**

**Removal Instructions:**

1. Refer to H.D.® Service Manual for removal of transmission parts to gain access to transmission door, including the primary parts.
2. Make sure transmission side door mounting hardware is removed and the pressed on sleeve, 34091-85 for mainshaft, is removed.
3. Secure tool over transmission door using screws provided with tool. Make sure screws are well lubed.
4. Tighten outside screws 1/2 turn at a time alternating until door is released. Remove side door, mainshaft and countershaft from transmission case as an assembly.

**Installation Instructions:**

1. Refer to H.D.® Service Manual for specifications.
2. Install shafts, (lubed with anti seize). Insert shafts in bearings on transmission side of door.
3. Install both tools, with lubed threads, onto both ends of both shafts, without washers. Lock the transmission in two gears.
4. Tighten tools, alternating until shafts bottom on shaft shoulders. Remove both tools, and install both washers and locknuts.
5. Tighten to H.D.® specifications.