

**V-Twin MFG.
Cylinder Head Support Stand
VT Part No. 16-0651**

This tool should only be used by a knowledgeable and trained motorcycle technician.

V-Twin Mfg. accepts no responsibility for improper use.

This tool is used for removal and installation of valve guides on all Evolution, Shovelhead, and Iron Head Sportsters.

1. Select the appropriate adapter for the cylinder head you are working on. (Refer to application chart)
2. Place adapter in support tube.
3. Position cylinder head on tool. Make sure adapter is correctly centered on valve seat lip. NOTE: Special care must be taken with Iron Sportster models to align cylinder head.
4. Press worn valve guide from head using arbor press.
5. Select standard or oversize replacement valve guide.
6. Press new guide into head using support stand, arbor press, valve guide handle part number: VT No. 16-0872 and valve guide installer part number: VT No. 16-0869 (Evolution) or VT No. 16-0894 (Iron XL).

ADAPTER	APPLICATIONS
Adapter #2	INTAKE: All 883 Evo EXHAUST: None
Adapter #3	INTAKE: '86 - 1100CC and ALL 1340 EVO EXHAUST: All 883 EVO ALL SHOVELHEAD
Adapter #4	INTAKE: ALL SHOVELHEAD EXHAUST: '86 - 1100CC and ALL 1340 EVO
Adapter #5	INTAKE: ALL IRON XL EXHAUST: ALL IRON XL
Adapter #6	INTAKE: '87 - 1100 and all 1200 EVO EXHAUST: None
Adapter #7	INTAKE: None EXHAUST: '87 - 1100 AND ALL 1200 EVO