

VT No. 16-0191 49 MM Fork Seal Installer Tool

This 49mm Fork Seal Installer Tool will assist you in the installation of the 49mm fork seal and dust seal. It will guide the seal straight and to the correct depth into its bore for a no leak installation.

Caution:

Safely lift front tire of motorcycle off the ground. Secure the M/C with tie downs so it cannot and will not fall over, as you will be removing and installing an axle nut torqued as high as 55 ft-lbs for some models. Remove the front wheel, front fender and fork tubes per H-D® service manual for appropriate year and model.

Warning:

Do not remove fork tube caps until you relieve spring preload by raising the front wheel off the ground. This will keep the tube caps from flying out and possibly causing serious damage, injuries, or death.

Disassembly of fork seals

1) Remove fork tube and slider assemblies from triple tree clamps per H-D® service manual.

Fork Tube Holder around the tube and mount in vise for disassembly.

Note:

For any instruction on the disassembly of the fork tube and slider or removal of fork seal and dust shield, refer to H-D® service manual for the appropriate year and model.

Assembly of new fork seal and dust seal

1) With all internal slider parts in their proper locations per H-D® Service Manual, lube I.D and O.D. of fork seal with small amount of fork oil.

2) Slide lubed fork seal down on tube to slider counterbore, paying attention to seal direction per H-D® Service Manual.

Note:

The chamfered lip on seal must face towards the lower leg to hold back fork oil.

3) Apply a slight film of wheel bearing grease to the inside surfaces of both halves of tool .

4) Place both halves of lubed tool No.2049 on the fork tube, with stepped side towards seal.

5) With small back and forth sliding motion of tool, tap fork seal into slider counterbore against spacer and bushing in the top of the lower leg.

6) Repeat above steps for dust seal except when positioning on leg. Place tool on tube the opposite direction, with counterbore toward dust seal.

7) Repeat all steps for other seal installation.