



CAUTION



Read this before proceeding.

Service Bulletin

S&S® Hydraulic Tappets with HL₂T Travel Limiters Installed For All 1999-Later Harley-Davidson® Big Twin & 2000-later Sportster® Models

The S&S® HL₂T Kit is designed to limit the plunger travel in a hydraulic lifter making it impossible for the lifter to collapse. Stronger valve springs are often used to avoid valve float at high rpm. The HL₂T kit prevents high valve spring pressure from collapsing lifters. With the HL₂T Kit installed, stock hydraulic lifters work like solid lifters at high rpm, while retaining normal hydraulic function for minimal noise and maintenance under normal conditions. Another advantage of the HL₂T kit is that if a valve is held open when the engine is not running, valve spring pressure will not cause lifters to bleed down and collapse. Collapsed lifters can cause hard starting and excessive valve train noise when engine is restarted. Adjustable pushrods must be used with the HL₂T Kit.



WARNING



- HL₂T travel limiters have been installed in these S&S hydraulic Tappets.
- These S&S tappets require the use of adjustable pushrods. Use of nonadjustable pushrods will result in severe engine damage.
- Refer to S&S pushrod instruction sheet 106-6046 for the correct pushrod adjustment procedure for HL₂T equipped tappets. Download instructions from the S&S website at <http://www.sscycle.com/instructions/>



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