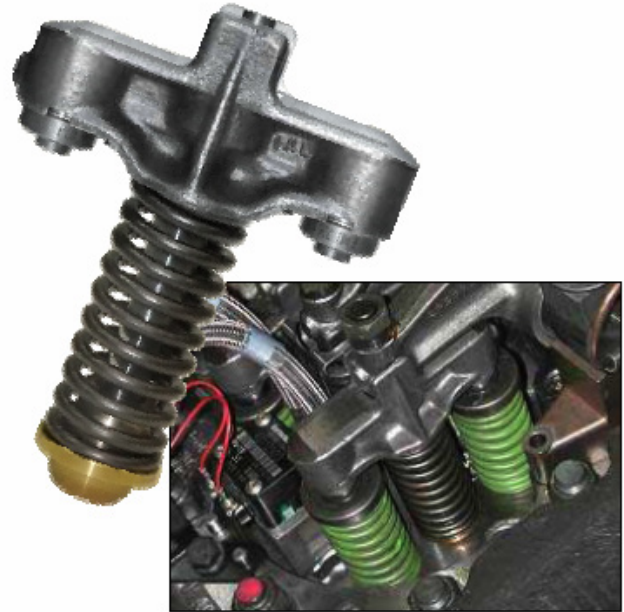


New EMD Valve Bridge and Lash Adjuster

EMD continuously strives to improve the reliability and durability of its engines. As horsepower increases, so does the demand on engine components. The valve bridge plays a critical role in power assembly performance as it operates millions of cycles every year. Valve bridge design impacts valve train reliability, exhaust emissions, fuel consumption and combustion efficiency. Improperly set valve bridges or non-OEM valve bridges can be detrimental to power assembly performance and life, often resulting in costly engine damage.

EMD has done extensive analysis on gear train dynamics and valve bridge performance, and has developed this new valve bridge assembly. This bridge includes redesigned lash adjusters that are faster filling with increased wear resistance. Worn adjusters lead to higher leak down times, more lift loss, and possible valve damage. This bridge also features an extended free length spring which allows for proper setting of lash adjusters to the midrange of their travel on new and rebuilt EMD cylinder heads.



Valve Bridge Part Numbers

New: 40145929
 Utex: 40145929UX

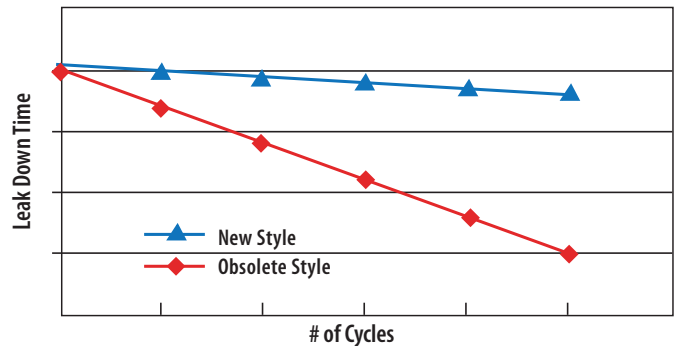
* Tools and setting instructions available, please contact your EMD sales representative.

Valve Bridge Benefits

- 50% reduction in dropped valves
- Proper lash throughout life
- Easy to set on all engine models and on new and rebuilt cylinder heads

Improved Lash Adjuster

Leak Down Degradation



The EMD OEM Advantage

EMD replacement parts are the result of extensive development and testing in the same engineering facilities where new EMD engines are designed, built, and tested. This OEM focus ensures the same performance, reliability, and durability for which EMD engines are legendary.

- OEM fuel injectors are fully remanufactured to precise internal specs vs. partially rebuilt retrofits. This ensures sustained fuel economy and emissions performance over their full useful life and avoids the operating penalties and expense of non-compliance.
- Power Assemblies and all emissions critical components are the result of fully integrated OEM design vs. partial substitution of non-optimized third party components.
- Engines and critical subsystems are carefully calibrated to optimize performance, reduce emissions, and minimize fuel consumption.
- EMD emissions kits require no cumbersome catalyst retrofits which can suffer from excessive backpressure, ash fouling, and extreme temperatures.
- EMD has stood solidly behind its products since 1922. As the EPA certificate holder for its engines and kits, their in-use emission compliance and engine performance is covered by the EMD OEM factory warranty.