

PRODUCT BULLETIN

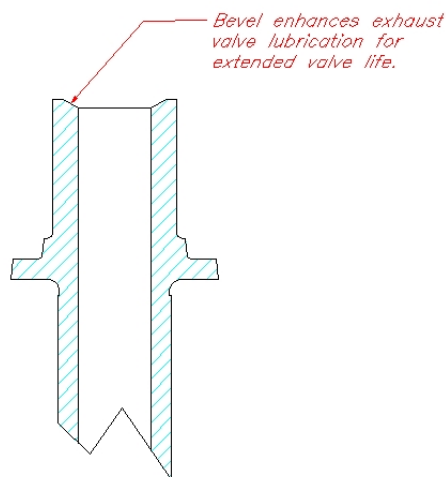
PB No.114
Rev. 2

Subject: Valve Guides for Superior Model 825 Engines

It has been brought to **EnDyn's** attention that some confusion may be occurring in the proper identification and application of the valve guides (P/N P-022-935 and P-010-785) for Superior Model 825 Engines.

The only difference between the guides is the outside diameter (O.D.). Part Number P-010-785 (Stamped **EnDyn-3**) measures 1.3765"/1.3760" on the O.D. and are typically installed in new heads. Part Number P-022-935 (Stamped **EnDyn-6**) is 0.0015" larger (1.3780"/1.3775") on the O.D. for heads that are being repaired. The guides are held into position by an interference fit of .001"/.0015". After measuring the bore in the head, the proper guide should be selected to get the required interference fit. **EnDyn** does not recommend "knurling" the valve guide O.D. to get the proper interference.

Valve guide Part Numbers P-022-934 and P-010-712 contain a special 30° bevel at the guide top which captures additional lube oil from the rocker arm assembly to improve lubrication to the exhaust valve. **EnDyn** recommends that all clean-burn (GTLA, B, X, E) users order the bevel style for their exhaust valves.



Note that the valve guides should be removed and inserted into the head following the procedures given in **EnDyn** Technical Bulletin No. 1006. Per these procedures, the guide bores in the head should be measured for proper tolerance (1.375"/1.3745" on a new head).

All **PowerParts**[®] guides have a lubrite coating to reduce wear during break-in and start-up periods when lubrication is minimal. They also contain spiral grooves on the ID to increase lubrication retention between the guide walls and the valve stem.

For further information, price and availability, please contact **EnDyn's** Technical Department or your local **EnDyn PowerParts**[®] Distributor.

02-08-2011