

Service

SHOP DOPE BULLETIN NO. 383

3-1-57

VALVE SPRINGS - FLH MODEL

Starting with engine number 57FLH-4444, all Model FLH engines shipped from the factory have new, stronger valve springs. Also, these new springs are now being supplied on parts order for replacement requirements applying to earlier FLH engines.

Because of the higher valve spring poundage obtained with the new springs, better valve following at high engine speed results. Therefore, on earlier FLH engines, when faulty valve action is suspected as the cause of substandard engine performance at high engine speed, we recommend replacing old valve springs with new type springs.

Use the following chart as a guide for ordering and using Big Twin OHV valve springs.

	Outer	Inner	Note: New stronger springs are identified by aluminum paint on coils.
New Spring (Stronger Type)			
Part No. →	18201-57	18202-57	
Use For FLH Model			
Old Spring (Standard Type)			
Part No. →	18203-36	18204-36	
Use For FL and EL Models			

Because of the limited quantities available at the start, it is requested that initially you order only enough new stronger springs to take care of immediate requirements. Sufficient quantities for your reserve stock can be ordered later, when initial orders have all been filled.

Note:

The following points should be observed in connection with any valve spring replacement on FLH engines.

1. If exhaust valve guides are found to be bronze guides, replace with new steel guides as recommended in Shop Dope Bulletin No. 382.
2. If exhaust valves have run considerable mileage or have been running for some time with a very loose guide fit, it is advisable to replace with new valves.
3. If either valve guides or valves are replaced, reface valve seats only as much as necessary to produce unbroken seating surface between valve face and seat.