



**SPARES for ROYAL ENFIELD & AMAL**

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## **Performance Valve and Spring Kit 90273/90274 Fitting Guide**

### Contents:

- 90228 - Inlet Valve (for 90273 kit) **or** 90227 Inlet Valve (for 90274 kit)
- 90229 - Exhaust Valve
- 90275 - Valve Spring Set
- 90276 – Valve spring bottom collar(2)
- 90277 – Valve spring top collar (2)
- 500322 – Valve stem seal (2)
- 500307 – Split Collar (4)
- 90272 – Valve Guide (2)

Fitting these components requires that the cylinder head is removed from the engine and stripped. This may be accomplished by referring to the relevant service manual. Be careful to make sure that the valve spring seats are removed (there is sometimes more than 1 under each spring). The entire valve related components are replaced by the kit!

New valve guides are supplied in this kit but they are only required if there is wear to the originals.

If valve guides are to be replaced, we recommend that this should be completed by a competent machine shop with the special tools needed to remove and fit guides and re-cut and lap the valve seats.

If the valve guides are not to be replaced then each valve should be lapped in to give a good seal.

Re fit the cylinder head and valves according to the service manual instructions. (When fitting the valve springs ensure the tighter wound end of the outer spring is fitted towards the cylinder head).