

1. Install special tool P10 in the cylinder head together with the corresponding valve, spring retainer, and keepers.

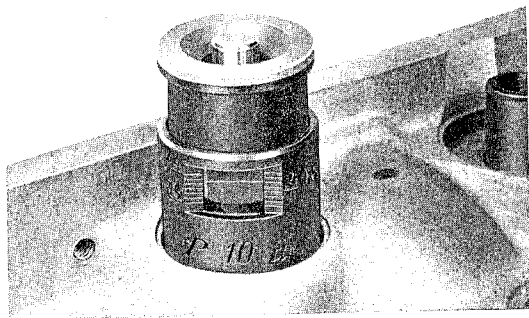


Fig. 6

2. Adjust with shims until the correct length is obtained.
3. Install valve springs so that the closely wound coils are nearest the cylinder head and rest on the steel washer (Fig. 7).

Installed length for intake valve springs	41.0 mm 1.614 in.
Installed length for exhaust valve springs	40.0 mm 1.575 in.

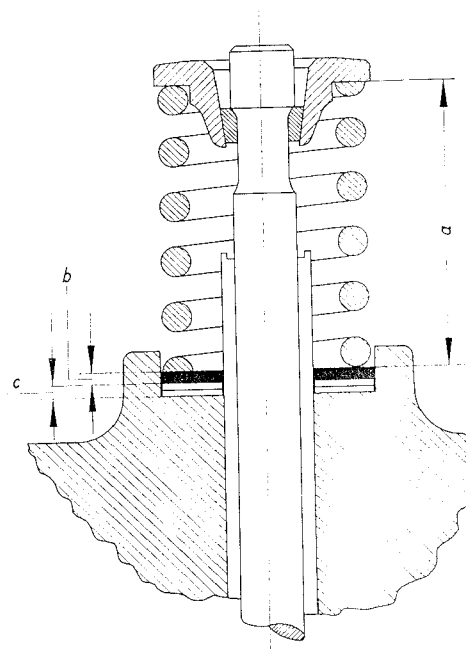


Fig. 7

a = Installed length
b = Steel washer
c = Shims

Lower Air Channel

In order to increase the flow of cooling air of the 1600S-90 engine, a specially designed lower air channel having two outlet flaps and an intake funnel for the fan housing have been incorporated in the cooling system.

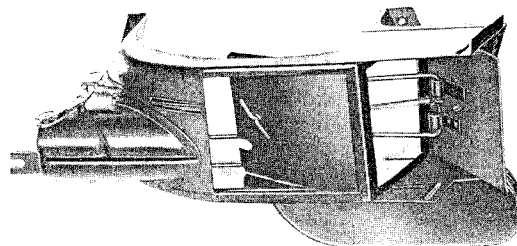


Fig. 8