

# service bulletin

M92-8  
 Supersedes M85-5  
 Technical Portions Are  
 FAA Approved

29 May 1992

SUBJECT: APPLICATION OF 4-1/6" DIAMETER CYLINDER ASSEMBLIES

MODELS  
 AFFECTED: C-Series, O200, O300, GO300

**INTRODUCTION:**

It has been brought to our attention that SB M85-5 has created some confusion regarding the restricted application of the subject cylinders. This revision is being published to provide the latest information about the cylinders and their applications.

**TEXT:**

C-75, 85, 90, O200, O300 may use all airworthy 4 1/16" diameter cylinders regardless of part number.

GO-300 may **NOT** use 641916, 639702 and A50222 cylinder assemblies, all of which were manufactured prior to August 1976.

The visual distinction between these cylinders is shown in Figures 1 and 2.

To comply with the current specifications, cylinders must be reworked with the following upgraded parts in accordance with applicable instructions and specifications.

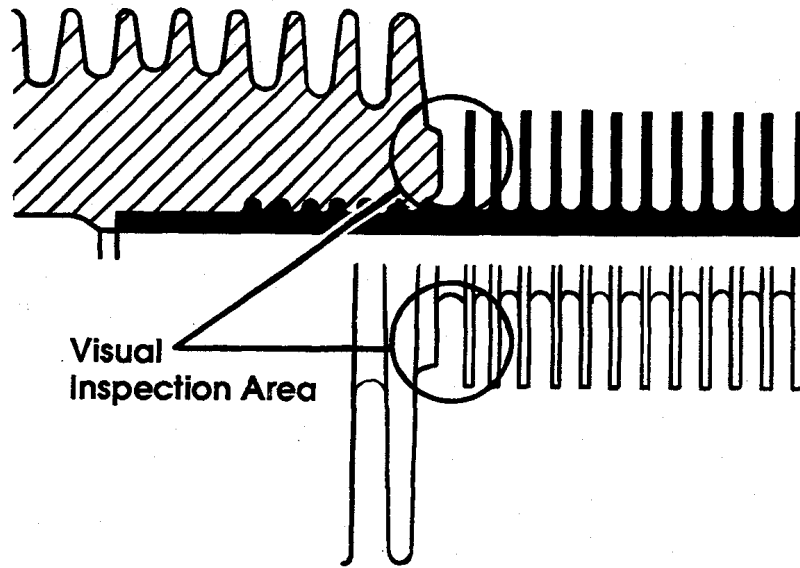
Intake	Valve Seat .....	641793
Valve	Guide .....	24024
	Valve .....	641792
 Exhaust	Valve Seat .....	3923
Valve	Guide .....	628309
	Valve .....	646612

Valve Springs as Follows:

C75, C85	Inner .....	24029
	Outer .....	24030
	C90 Inner .....	24031
	Intermediate .....	24029
	Outer .....	24030
	O200,O300 Inner .....	24031
	Intermediate .....	24029
	Outer .....	625958
	GO300 Inner .....	625957
	Outer .....	625958

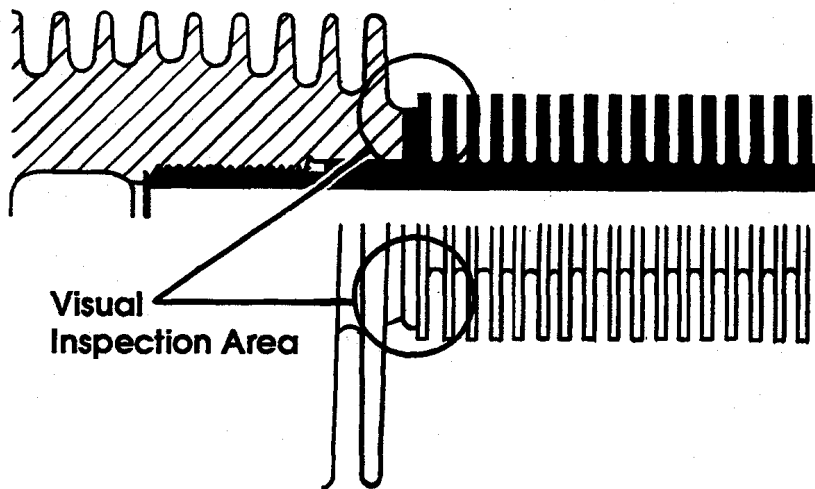
(continued)

**Current Production Cylinder Construction with Unrestricted Use  
C-75, C-85, C-90, O-200, O-300, GO-300**



**FIGURE 1.**

**Old Style Cylinder Construction with Restricted Use  
C-75, C-85, C-90, O-200, O-300**



**FIGURE 2.**