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REPLACEMENT OF CAPSTAN ASSEMBLIES

300 Series Tape Transport Mechanisms manufactured before November 1955 used the Ampex part number 366 and 1512 Series Capstan Assemblies. These assemblies were mounted on the frame plate with a Tru-Arc retaining ring #430-050.

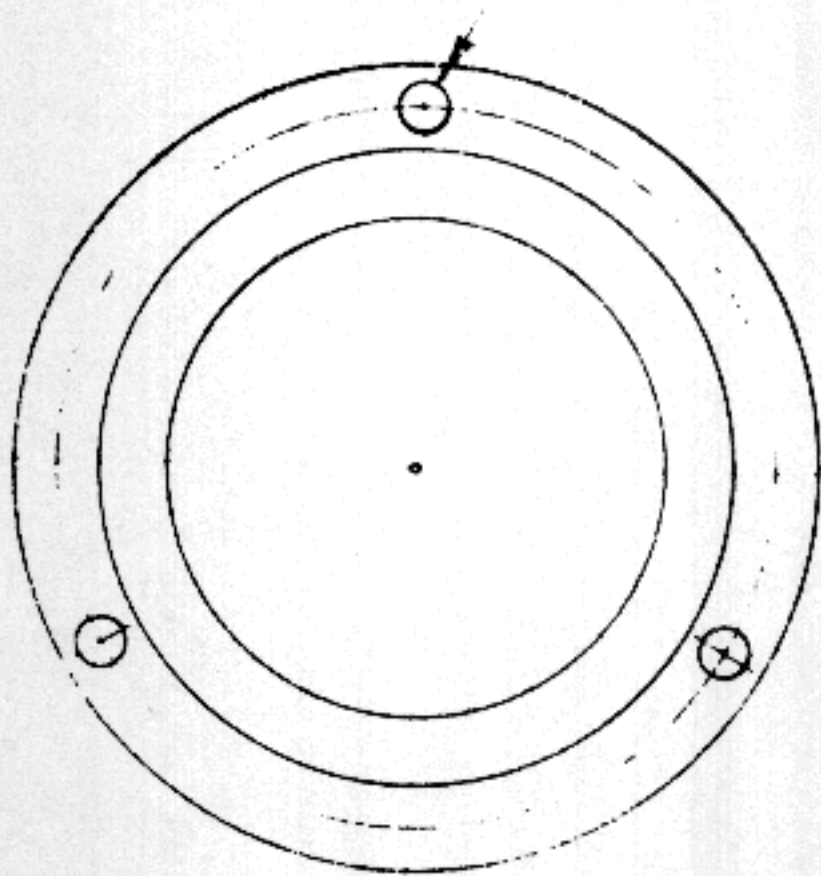
On Tape Transports manufactured after November 1955 the Capstan Assembly is mounted with a retaining collar on the frame plate by three 10-24 x 3/4" socket head cap screws #470-108 and three lockwashers #502-011.

When ordering replacement Capstan Assemblies, order 366 and 1512 Series for machines with Serial numbers 55K___ or earlier, eg. 55J___. For machines with Serial numbers higher than 55K, eg. 55L, order 7518 Series Capstan Assemblies.

If the later model Capstan Assembly is to be mounted on the older Tape Transport Mechanism, it will be necessary to drill and tap the frame plate for 10-24 screws. Three (3) holes on a 2.688 diameter.

The drawing shown below can be used as a template.

#10 Drill - 3 Holes on 2.688 Diameter



Tape Speed (ips)	Catalog Number of Capstan Assembly		Shaft Diameter, inches	Bushing Diameter, inches
	Retaining Ring Mount	Collar Mount		
3-3/4 - 7-1/2	366-4	7518-4	.237	---
7-1/2 - 15	366-1	7518-3	.475	---
15 - 30	366-1	7518-3	.475	---
3-3/4 - 7-1/2 - 15	2540-1	7518-6	.237	.481
7-1/2 - 15 - 30	1512-1	7518-1	.475	.959
15-30-60	1512-1	7518-1	.475	.959