

CLUTCH

Commencing with Engine-Nr. 804 001 , the 1600-S 90 engines(Ref. Nr.616 / 7) will be equipped with the A-12 HAEUSSERMANN clutch. The following table indicates the extent of changes made.

A-10 Clutch	Characteristic	A-12 Clutch	Characteristic
Clutch disc facing outside diameter 179 - 181 mm	See text	Clutch disc facing outside diameter 199-201 mm	See text
Clutch disc facing inside diameter 124 - 125 mm	See text	Clutch disc facing inside diameter 130 - 131 mm	See text
Clutch disc facing thick - ness without load, 9.1 - 9.5 mm	See text	Clutch disc facing thick - ness without load, 9.7 - 10.1 mm	See text
Clutch disc facing thick - ness underload, 8.2 -8.6mm Wear tolerance 7.5 mm	See text	Clutch disc facing thick - ness under load, 9.0 - 9.4 mm, Wear tolerance 8.0 mm.	See text
Disc spring Code Nr. 692	See text	Disc spring Code - Nr. 692 / 3 A	See text

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The description and outline of service operations presented in the basic volume of the 356 B Service Manual remains same with the exception that changed specifications must be noted.

In this connection we again wish to stress the following:

Permature clutch slippage may often be attributed not to mechanical wear but to abnormal dragg in the pivot points of the disc spring.

When encountering clutch slippage, or when access to clutch is gained as a result of a service operation, the following work should be performed:

1. Check if pivot points of disc spring are well lubricated with grease containing molybdenum-sulphide additives. If the points are not sufficiently lubricated, disassemble clutch and thoroughly clean it.
2. Grease all pivot points of clutch disc spring (See Fig. 1).
3. Assemble clutch. Check tolerances and correct deficiencies, if noted (refer to service operation 60-MO, Group M, basic volume of 356 B Service Manual).

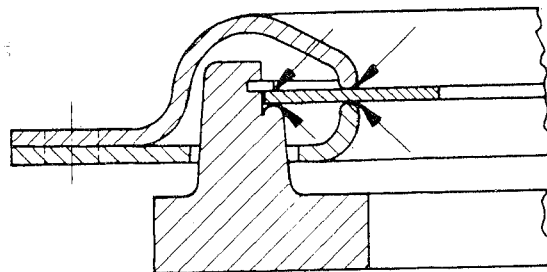


Fig. 1