



ZF – HYDROSTATIC POWERSHIFT

TRANSMISSION

2 HL-250/270/290

REPAIR INSTRUCTIONS

for

ZF – HYDROSTATIC POWERSHIFT TRANSMISSION 2 HL-250/270/290

Important note:

The great variety of ZF units compels a restriction of the Disassembly and Assembly Instructions to a current ZF production unit. Technical development of the ZF units as well as extensions concerning the design possibilities may require differing steps, which can be carried out by qualified Specialists without greater difficulties with the help of the Perspective Illustrations in the corresponding Spare Parts Lists.

The described Disassembly and Assembly Instructions are based on the design level of a ZF production unit at the time of preparation of the Repair Instructions.

The ZF Friedrichshafen AG reserve the right to replace the present Disassembly and Assembly Instructions by a successive edition without advance notice. Upon request, the ZF Friedrichshafen AG will advise what edition is the latest one.

ATTENTION:

For the Installation as well as for the commissioning of the unit, the Instructions and Specifications of the Vehicle Manufacturer have to be observed!

For information on operation, maintenance and for descriptions please refer to the corresponding ZF Operation Instructions:

ZF Friedrichshafen AG

ZF Services

Donaustr. 71

D - 94034 Passau

Section : MAIP21

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PREFACE

This documentation has been developed for the skilled Serviceman, trained by the ZF Friedrichshafen for the Repair and Maintenance operations on ZF-Units.

This manual describes a ZF series product with a design level valid at the date of edition.

Due to the continuous technical upgrading of the product, however, the repair of the unit at your disposal may require both deviating work steps and different setting and testing data.

We would therefore recommend you to entrust masters and servicemen with the work on your ZF product whose practical and theoretical training is constantly updated in our training school.

The Service Stations established by ZF Friedrichshafen all over the world offer you:

- 1. Permanently trained staff*
- 2. Specified equipment, e.g. special tools*
- 3. State-of-the-art genuine ZF spare parts*

All work is done there with utmost care and reliability.

In addition, repair work carried out by ZF Service Stations is covered by the ZF warranty within the terms of the currently applicable contractual conditions.

Any damage resulting from work which is done in an improper and unprofessional manner by third parties and any consequential costs incurred shall be excluded from this contractual liability.
This shall also be applicable if other than genuine ZF spare parts are used.

This manual is based on the state-of-the-art at the time of printing.
It was prepared with utmost care in order to avoid errors.
However, we shall not be liable for any errors in figures or descriptions.

ZF Friedrichshafen AG

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