Zf Nmv221 1315 751 102 A Technical Manual

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ZF-ECOSPLIT[®]

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This manual is intended for skilled personnel who have been trained by ZF Friedrichshafen AG to carry out maintenance and repair work on ZF products.

This manual deals with the standard ZF product in accordance with the state of development on the date of issue.

However, due to continuing development of the product, repair work might require work practices and test or adjustment data which are not contained in this manual. We therefore recommend that work done on your ZF product is carried out only by skilled mechanics who have had their practical and theoretical knowledge updated on a regular basis at our After-Sales Service training courses.

Service points equipped by ZF Friedrichshafen AG all over the world offer you:

- 1. Well-trained personnel
- 2. Specified equipment, e.g. special tools
- 3. Genuine ZF spares, to our latest specifications

All work performed at these service points is carried out conscientiously and with care.

Repair work carried out at ZF service points is guaranteed in accordance with the prevailing contractual conditions.

Damage resulting from work performed by non-ZF personnel in an improper and unprofessional manner, together with follow-on costs caused by such work, is excluded from the contractual guarantee agreement. This also applies where genuine ZF spares have not been used.

ZF FRIEDRICHSHAFEN AG

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Important information

SAFETY NOTICE

Companies who repair ZF units are responsible for their own work safety.

To avoid injury to personnel and damage to products, all safety regulations and legal requirements which apply to repair and maintenance work must be adhered to.

Before starting work, mechanics must familiarize themselves with these regulations.

Personnel required to carry out repairs on ZF products must receive appropriate training in advance. It is the responsibility of each company to ensure that their repair staff is properly trained.

The following safety instructions appear in this manual:

NOTE

Refers to special processes, techniques, data, use of auxiliary equipment, etc.

CAUTION

This is used when incorrect, unprofessional working practices could damage the product.

A DANGER

This is used when lack of care could lead to personal injury or death.

GENERAL INFORMATION

Read this manual carefully before starting any tests or repair work.

CAUTION

Pictures, drawings and components do not always represent the original object, but are used to illustrate working procedures.

Pictures, drawings and components are not to scale and no information about size and weight should be inferred (even within a complete illustration). Always follow the working steps as described in the text.

After completion of repair work and testing, skilled staff must satisfy themselves that the product is functioning correctly.

THREATS TO THE ENVIRONMENT ! Lubricants and cleaning agents must not be allowed

to enter the soil, ground water or sewage system.

- Ask your local environment agency for safety information on the relevant products and adhere to their requirements.
- Collect used oil in a suitably large container.
- Dispose of used oil, dirty filters, lubricants and cleaning agents in accordance with environmental protection guidelines.
- When working with lubricants and cleaning agents always refer to the manufacturer's instructions.

CAUTION

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The transmission must NOT be hung on the input shaft NOR on the output flange.