



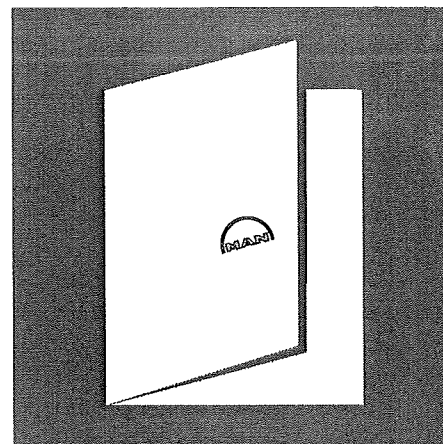
# Spare parts Compressor RIK 80-4 Kosair 2004

MAN TURBO AG Schweiz

Rev.	Changed	Date	Checked	Date	Change no.	Change description
C. Patruno, RRM4		14.07.2005				
Issued		Date	Checked	Date	Released	Date
Type/Size: A4					Project no.:	N.7100175
Description: Spare parts Compressor RIK 80-4					Project:	Kosair 2004
Document: 837022857	Type: MAN	Part:	Rev.: 0	Lang.: ENG	Page	

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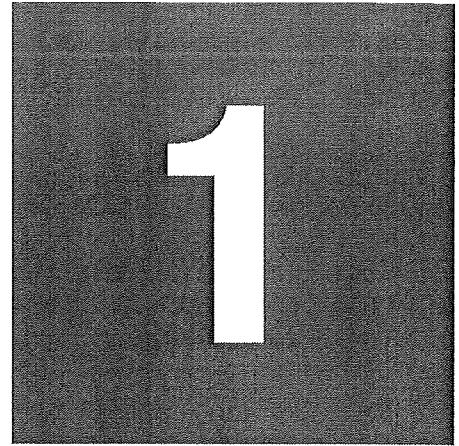
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## Basics





## Ordering spare parts

### CAUTION

**Danger of damage of the machine by using not MAN TURBO spare parts!**

- **Use only MAN TURBO spare parts.**
- **Let the spare parts be fitted only by our authorized personnel.**

MAN TURBO can give no guarantee in cases where the spare parts are not manufactured by MAN TURBO and/or not fitted by MAN TURBO personnel.

If original spare parts are not used, dangerous situations might occur, for example:

- The combination of incompatible materials can produce ignition sparks.
- The flow of gas might carry along particles of damaged parts such as screens or filters. When those particles collide with parts of the installation, sparks can result.
- If the correct valves, pipes, screens and filters are not used or are damaged, this may result in problems.

## 1.1

### Contacts

Direct your request for any quotations or orders to the MAN TURBO representative in the country in which the installation is to be located. Should a local representative not be available, please direct all queries to our office in Switzerland:

MAN TURBO AG Schweiz  
Hardstrasse 319  
P.O. Box  
CH-8023 Zurich  
Switzerland

Fax +41 44 278 22 61  
Tel.: +41 44 278 22 11

## 1.2

### Required details

Please include the following basic data at the top of your enquiry/order:

Name of the plant and year	<b>Kosair 2004</b>
Original MAN TURBO reference number	<b>N.7100175</b>
Machine type	<b>Compressor RIK 80-4</b>
Serial number	<b>EZ 61334</b>

In order to avoid any misunderstanding and time delay due to return-questions, the following particulars should be quoted when ordering spare parts:

- the code number of the spare part
- the part name / description
- the order quantity

## 1.3

### Localization and identification of MAN TURBO spare parts

*Localization:* Spare parts of MAN TURBO can be found in figures and tables next following.

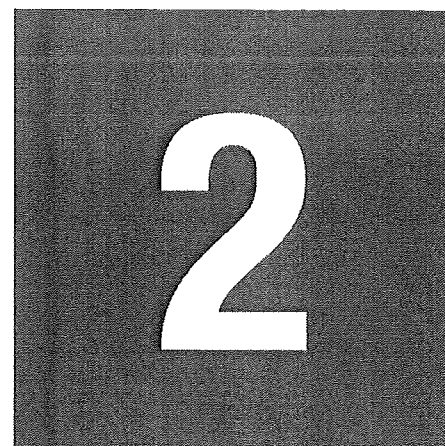
*Figures:* The figures mostly are schematic and they do not represent exactly the real situation.

*Identification:* Each spare part has its own identification number be made of the code number.

*Order examples:*

Code no.	Spare part name / description	Quantity
10097767	Rotor complete	1
454555115	Labyrintring with caulking wire	2





## Spare parts list

Pos.	Code no.	Spare part name / description
0001	10103038	Prerotation blade
0002	837154263001	Bearing bush
0005	10012240	Locking plate
0010	50023598	Slide stone
0039	10108817	Actuator MAFAG F150-0106
0047	253207	Locking plate
0011	50003656	Bearing segment
0012	837646653001	Oil baffle, 2-parts
0051	454555195	Labyrintring with caulking wire
0052	454555685	Labyrintring with caulking wire
0053	454555275	Labyrintring with caulking wire
0054	454555617	Labyrintring with caulking wire
0055	454555517	Labyrintring with caulking wire
0056	454555458	Labyrintring with caulking wire
0057	454555414	Labyrintring with caulking wire
0058	454555320	Labyrintring with caulking wire
1000	10102645	Rotor, complete

Pos.	Code no.	Spare part name / description
3002	10102645	Prerotation complete
3024	10042220	Segment ring in 4-parts
3026	837182946209	Segment ring in 4-parts
3027	50015570	Segment ring in 4-parts
3028	50015568	Segment ring in 4-parts
3030	837162033001	Pressure spring
3031	50032031	Segment ring
4004	50003657	Journal bearing complete
4023	50015220	Oil retaining ring in 2-parts
4033	10103021	Cooling tube bundles 1st stage
4034	10103032	Cooling tube bundles 2-3 st stage
4053	10011525	Round rubber cord
4070	10103033	Instruments



## 2.1 Instruments

Without mentioning in sectional drawing.

*Table 2-1 Spare parts instruments*

Pos.	Code no.	Spare part name / description	TAG no.
0001	837647069201	Resistance temperature detector	TE 11745; TE 11747
0004	10045776	Proximity probe housing with probe	XE 11745
0005	10045775	Proximity probe housing with probe	XE 11747
0006	10303053	Transmitter	PIT 11747



# 3

## Driver elements

This chapter includes the following sub subjects:

- *Section 3.1 Overview*
- *Section 3.2 Gear box*
- *Section 3.3 Coupling*

### 3.1

## Overview

See separated documentation in Operating Instruction for the Maschine Unit

*Table 3-1 Spare parts*

Pos.	Code no.	Spare part name / description	More details
0100	10301918	Coupling flexible	
0150	10104067	Gear box	<i>Section 3.2 Gear box</i>
0200	10104977	Coupling	<i>Section 3.3 Coupling</i>

## 3.2

### Gear box

See separated documentation in Operating Instruction for the Maschine Unit

*Table 3-2 Spare parts gear box*

Pos.	Code no.	Spare part name / description
0010	10104071	Set of thermocouples
0020	10104082	Vibration probe
0030	10104083	Vibration probe



### 3.3 Coupling

See separated documentation in Operating Instruction for the Maschine Unit

*Table 3-3 Spare parts coupling*

Pos.	Code no.	Spare part name / description
0004	50023347	Coupling bolt
0005	837192170008	Safety nut
0006	50023030	Taper pin with thread
0007	837192170006	Safety nut
0211	10012512	Round rubber cord
0212	10012512	Round rubber cord

