

Serial number - all

Wichmann 28

diesel engine

OPERATION & SERVICE MANUAL (STRUCTURED)



Use the bookmarks for navigation inside of the catalog

Instruction Manual CONTENT

00 Service and spare parts

- Ordering spare parts and service, V28B
- Ordering spare parts and service, w/CODE RESOLUTION V28
- Ordering spare parts and service, w/CODE RESOLUTION V28
- Ordering spare parts and service, L28
- Ordering spare parts and service, w/CODE RESOLUTION L28

01 Technical data

- V28B, V28BE, 300/330 kW, 600/660 rpm
- V28B, V28BE, 300/330 kW, 600/660 rpm, 4 bulletin attachments
- V28B, 367,5 kW, 720 rpm, el. Driven- aux. blower pump, cooling water pumps , fuel ...
- L28, L28(E), 300 kW, 600 rpm, 4 bulletin attachments
- L28, L28(E), 300 kW, 600 rpm, 4 bulletin attachments
- L28, L28(E), 300 kW, 660 rpm, 4 bulletin attachments
- V28B(E), 330 kW, 660 rpm., 4 bulletin attachments
- V28A, 300 kW, 600 rpm, 4 bulletin attachments
- L28C, 390 kW, 720 rpm, 4 bulletin attachments

02 Engine

- V28B(E), indicator cock with shielding
- V28B, indicator cock with shielding
- V28B, indicator cock with shielding
- V28A(B) cyl. liner w/oil distr. airside, fuel pump A-C, 2 lubric., indicator cock ...
- V28B, indicator cock with shielding, double auxiliary blower pump
- V28B, indicator cock w/shielding, double lub. oil pump, el. driven - aux. pump, ...
- L28, indicator cock with shielding
- L28 (E), indicator cock with shielding, double lub. oil pump
- V28C, indicator cock with shielding
- L28C, indicator cock with shielding

03 Auxiliary system

- V28B, freshwater HT/LT system, water quality moved to chapt.01
- L28, freshwater HT/LT system, water quality moved to chapt.01
- V28C, freshwater HT/LT system
- L28C, freshwater HT/LT system

04 Engine care

V28A, V28B, valveblock and full adjustm. RPM for reg. and safety valve, aux. blower ...
V28A, V28B, valveblock with min. 30 bar pressure to aux. blower and fixed setting of ...
V28B, el. driven - aux. blower pump, cooling water pumps, fuel booster pump, 720 rpm
L28, valveblock and full adjustm. for reg. and safety valve, aux. blower and safety ...
L28 valveblock with min. 30 bar pressure to aux. blower and fixed setting of safety ...
V28C, valveblock with min. 30 bar pressure to aux. blower and fixed setting of safety ...
L28C, valveblock with min. 30 bar pressure to aux. blower and fixed setting of safety ...

05 Maintenance

V28B, indicator cock with shielding
V28B(E), indicator cock with shielding
V28B(E), indicator cock with shielding, 282 dr/min.
V28B, indicator cock w/shielding, double lub.oil pump, el. driven-aux. blower pump, ...
V28B, indicator cock with shielding, el. driven- cooling water pumps, fuel booster pump
V28A, indicator cock with shielding, lubricator governing version 2, 2 lubricator pumps
V28B,C (E), indicator cock with shielding, el. driven- cooling water pumps, fuel ...
V28B(E), indicator cock with shielding, el. driven cooling water pumps, TPL turbocharger
V28B, indicator cock with shielding, double aux. blower pump
L28, indicator cock with shielding
L28(E), indicator cock with shielding
V28C, indicator cock with shielding
L28C, indicator cock with shielding

06 Operating problems

V28A, V28(E), V28B, V28B(E)
L28, L28(E)
V28C
L28C

09 Subsupplier

8-12V28, table of contents
L28, table of contents
8-10V28, table of contents
8-12V28, table of contents, el. driven- cooling water pumps, fuel feed pump
Fuel oil pump, V28
Fuel oil pump, L28
Nozzle holder
Nozzle holder for low Nox
Nozzle holder, 28C

Coolingwater pump P20C
Coolingwater pump P20D
Coolingwater pump P22C
Coolingwater pump P22D
Coolingwater pump P22E
Coolingwater pump P22F
Lub oil pump, 8V28
Lub oil pump, 10V28
Lub oil pump, 12V28
Lub oil pump, L28
Aux. blower engine, 8V28
Aux. blower engine, 10V28
Aux. blower engine, 12V28
Aux. blower engine, L28
Aux. blower pump, 12V28
8-12V28C
8-10V28C

10 Tools

V28B, V28(E)
L28, L28(E)
V28C
L28C

Instruction Manual CONTENT (with drws numbers)

- 📁 00 Service and spare parts
 - 📄 m00aa04 Ordering spare parts and service, V28B
 - 📄 m00ab02 indd Ordering spare parts and service, w/CODE RESOLUTION V28
 - 📄 m00ab02_indd Ordering spare parts and service, w/CODE RESOLUTION V28
 - 📄 m00ba02 Ordering spare parts and service, L28
 - 📄 m00bb00_indd Ordering spare parts and service, w/CODE RESOLUTION L28
- 📁 01 Technical data
 - 📄 m01aa02_indd V28B, V28BE, 300/330 kW, 600/660 rpm
 - 📄 m01aa02_indd_compl V28B, V28BE, 300/330 kW, 600/660 rpm, 4 bulletin attachements
 - 📄 m01ab00 V28B, 367,5 kW, 720 rpm, el. Driven- aux. blower pump, cooling water pumps , fuel ...
 - 📄 m01ba02_indd L28, L28(E), 300 kW, 600 rpm, 4 bulletin attachements
 - 📄 m01ba02_indd_compl L28, L28(E), 300 kW, 600 rpm, 4 bulletin attachements
 - 📄 m01bb01_indd_compl L28, L28(E), 300 kW, 660 rpm, 4 bulletin attachements
 - 📄 m01da01_indd_compl V28B(E), 330 kW, 660 rpm., 4 bulletin attachements
 - 📄 m01ea02_indd_compl V28A, 300 kW, 600 rpm, 4 bulletin attachements
 - 📄 mc01ab00_indd_compl L28C, 390 kW, 720 rpm, 4 bulletin attachements
- 📁 02 Engine
 - 📄 m02aa04_indd V28B(E), indicator cock with shielding
 - 📄 m02ab03 V28B, indicator cock with shielding
 - 📄 m02ab03_indd V28B, indicator cock with shielding
 - 📄 m02ad02_indd V28A(B) cyl. liner w/oil distr. airside, fuel pump A-C, 2 lubric., indicator cock ...
 - 📄 m02ba03_indd V28B, indicator cock with shielding, double auxiliary blower pump
 - 📄 m02bc03_indd V28B, indicator cock w/shielding, double lub. oil pump, el. driven - aux. pump, ...
 - 📄 m02ca04_indd L28, indicator cock with shielding
 - 📄 m02cb03_indd L28 (E), indicator cock with shielding, double lub. oil pump
 - 📄 mc02aa00_indd V28C, indicator cock with shielding
 - 📄 mc02ab00_indd L28C, indicator cock with shielding
- 📁 03 Auxiliary system
 - 📄 m03aa02_indd V28B, freshwater HT/LT system, water quality moved to chapt.01
 - 📄 m03ba00_indd L28, freshwater HT/LT system, water quality moved to chapt.01
 - 📄 mc03aa00_indd V28C, freshwater HT/LT system
 - 📄 mc03ab00_indd L28C, freshwater HT/LT system
- 📁 04 Engine care
 - 📄 m04aa01_indd V28A, V28B, valveblock and full adjustm. RPM for reg. and safety valve, aux. blower ...
 - 📄 m04ab01_indd V28A, V28B, valveblock with min. 30 bar pressure to aux. blower and fixed setting of ...
 - 📄 m04ae00_indd V28B, el. driven - aux. blower pump, cooling water pumps, fuel booster pump, 720 rpm

- ✎ m04ba00_indd L28, valveblock and full adjustm. for reg. and safety valve, aux. blower and safety ...
- ✎ m04bb00_indd L28 valveblock with min. 30 bar pressure to aux. blower and fixed setting of safety ...
- ✎ mc04aa00_indd V28C, valveblock with min. 30 bar pressure to aux. blower and fixed setting of safety ...
- ✎ mc04ab00_indd L28C, valveblock with min. 30 bar pressure to aux. blower and fixed setting of safety ...
- 📁 05 Maintenance
- ✎ m05aa04_maintenancepl V28B, indicator cock with shielding
- ✎ m05ab02_maintenancepl V28B(E), indicator cock with shielding
- ✎ m05ac02_maintenancepl V28B(E), indicator cock with shielding, 282 dr/min.
- ✎ m05ad02_maintenancepl V28B, indicator cock w/shielding, double lub.oil pump, el.driven-aux.blower pump, ...
- ✎ m05ae02_maintenancepl V28B, indicator cock with shielding, el. driven- cooling water pumps, fuel booster pump
- ✎ m05af01_maintenancepl V28A, indicator cock with shielding, lubricator governing version 2, 2 lubricator pumps
- ✎ m05ah00_maintenancepl V28B,C (E), indicator cock with shielding, el. driven- cooling water pumps, fuel ...
- ✎ m05aj00_maintenancepl V28B(E), indicator cock with shielding, el. driven cooling water pumps, TPL turbocharger
- ✎ m05ba05_maintenancepl V28B, indicator cock with shielding, double aux.blower pump
- ✎ m05ca02_maintenancepl L28, indicator cock with shielding
- ✎ m05cb01_maintenancepl L28(E), indicator cock with shielding
- ✎ mc05aa00_maintenancepl V28C, indicator cock with shielding
- ✎ mc05ab00_maintenancepl L28C, indicator cock with shielding
- 📁 06 Operating problems
- ✎ m06aa00_indd V28A, V28(E), V28B, V28B(E)
- ✎ m06ba00_indd L28, L28(E)
- ✎ mc06aa00_indd V28C
- ✎ mc06ab00_indd L28C
- 📁 09 Subsupplier
- ✎ m09aa00_indd 8-12V28, table of contents
- ✎ m09ab00_indd L28, table of contents
- ✎ m09ac00_indd 8-10V28, table of contents
- ✎ m09ba00_indd 8-12V28, table of contents, el. driven- cooling water pumps, fuel feed pump
- ✎ m09sa00 SUB001A, fuel oil pump, V28
- ✎ m09sb00_sub001b SUB001B, fuel oil pump, L28
- ✎ m09sc00_sub002a SUB002A, nozzle holder
- ✎ m09sd00 SUB002B, nozzle holder for low Nox
- ✎ m09se00 SUB002C, nozzle holder, 28C

- 📁 m09sf00_sub003a SUB003A, coolingwater pump P20C
- 📁 m09sg00_sub003b SUB003B, coolingwater pump P20D
- 📁 m09sh00_sub003c SUB003C, coolingwater pump P22C
- 📁 m09si00_sub003d SUB003D, coolingwater pump P22D
- 📁 m09sj00_sub003e SUB003E, coolingwater pump P22E
- 📁 m09sk00_sub003f SUB003F, coolingwater pump P22F
- 📁 m09sl00_sub004a SUB004A, lub oil pump, 8V28
- 📁 m09sm00_sub004b SUB004B, lub oil pump, 10V28
- 📁 m09sn00_sub004c SUB004C, lub oil pump, 12V28
- 📁 m09so00_sub004d SUB004D, lub oil pump, L28
- 📁 m09sp00_sub005a SUB005A, aux. blower engine, 8V28
- 📁 m09sq00_sub005b SUB005B, aux. blower engine, 10V28
- 📁 m09sr00_sub005c SUB005C, aux. blower engine, 12V28
- 📁 m09ss00_sub005d SUB005D, aux. blower engine, L28
- 📁 m09st00_sub006a SUB006A, aux. blower pump, 12V28
- 📁 mc09aa00_indd 8-12V28C
- 📁 mc09ab00_indd 8-10V28C
- 📁 10 Tools
- 📁 m10aa00_indd V28B, V28(E)
- 📁 m10ba01_indd L28, L28(E)
- 📁 mc10aa00_indd V28C
- 📁 mc10ab00_indd L28C