

# VOLVO BM 646

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## Main bearing shells

General: bearing shell location in block

Thickness: standard	2.017-2.024 mm (0.1183-0.1187)
undersize 0.010"	0.004-0.011 mm (0.1594-0.1597)
0.020"	0.10-0.108 mm (0.1312-0.1387)
0.030"	0.006-0.016 mm (0.1380-0.1587)
0.040"	0.406-0.440 mm (0.1594-0.1731)
0.050"	0.045-0.049 mm (0.1410-0.1587)

## Big-end bearings

### Connecting rod pins

Big-end bearing, rod pin clearance	0.006-0.008 mm (0.0002-0.0003)
Bearing pin length	40.000-40.005 mm (1.5748-1.5752)
General: standard	1.000-1.011 mm (0.0394-0.0397)
undersize 0.010"	0.000-0.008 mm (0.0000-0.0003)
0.020"	0.106-0.108 mm (0.0042-0.0003)
0.030"	0.006-0.010 mm (0.0000-0.0003)
0.040"	0.415-0.418 mm (0.0000-0.0003)
0.050"	0.045-0.049 mm (0.0000-0.0003)

### Connecting rod shells

Thickness: standard	40.007-40.008 mm (1.5743-1.5750)
undersize 0.010"	40.000-40.005 mm (1.5748-1.5750)
0.020"	40.005-40.010 mm (1.5748-1.5750)
0.030"	40.015-40.024 mm (1.5710-1.5750)
0.040"	40.021-40.034 mm (1.5690-1.5750)
0.050"	40.047-40.050 mm (1.5690-1.5750)

## Connecting rods

Marked 1 to 6 "16047" marking on steel flange forward

Provided with replaceable bearing shells

General: connecting rod bearing bearing shell	40.007-40.008 mm (1.5642-1.5657)
bearing shell bearing shell	75.140-75.152 mm (2.9581-2.9587)
pin/bush pin/bush	See bearing "bushings pin"
rod clearance: connecting rod - crankshaft	0.10-0.20 mm (0.004-0.008)

## Plywheel, fitted

Max. permissible axial force measuring radius 100 mm ± 0"

Key gap on flywheel	0.15 mm (0.006")
	140 mm

## Plywheel casing, fitted

Max. permissible axial force for contact surface against crank casing

Max. permissible axial force for steering bearing against crank casing	0.15 mm (0.006")
	Max. 4.25 mm (0.0007)

## Crankshaft

Size	Size
Number of bearings	7
First bearing pin, standard	40.000-40.015 mm (1.5748-1.5751)
2nd bearing pin, standard	40.021-40.040 mm (1.5620-1.5620)
3rd bearing pin, standard	40.025-40.030 mm (1.5686-1.5690)
4th bearing pin, standard	40.040-40.045 mm (1.5690-1.5690)

# Ownerr Manual Volvo V7

**Brett Pelham,David Boninger**



## **Ownerr Manual Volvo V7:**

2016 Volvo V70 Owner Manual Compatible with OEM Owners Manual, Factory Glovebox Book Helming,2016-03-09

2014 Volvo V70 Owner Manual Compatible with OEM Owners Manual, Factory Glovebox Book Helming,2014-08-03

Road & Track ,1971-02

Road and Track ,1978

**2015 Volvo XC70 Owner Manual Compatible with OEM**

**Owners Manual, Factory Glovebox Book** Helming,2015-03-07

**Volvo Owner's Manual XC70** ,2006

The

Cumulative Book Index ,1977 A world list of books in the English language

**2014 Volvo XC70 Owner Manual**

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**Modules** Brett Pelham,David Boninger,2020-11-09

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**Official Gazette of the United States Patent and**

**Trademark Office** ,1982

Boating ,1993-01

International Aspects of Antitrust United States. Congress. Senate.

Committee on the Judiciary. Subcommittee on Antitrust and Monopoly,1967 Considers the effects of U S antitrust laws on competitive ability of U S firms and international firms operating under foreign laws

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Media Review Digest C. Edward Wall,1995

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