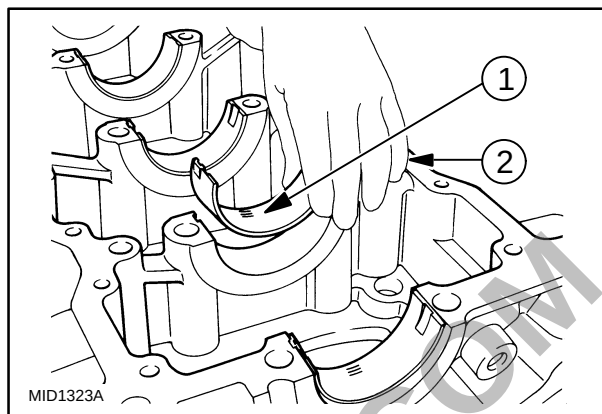


GENERAL SPECIFICATIONS	
Engine, technical type: F3A E0684D*B001	see data pages 3–5
Cycle	diesel, 4–stroke
Injection	direct
Number of on–line cylinders	6
Cylinder liners	wet force–fitted in cylinder block
Piston diameter	125 mm (4.9")
Piston stroke	140 mm (5.5")
Total displacement	10300 cm ³ (629 in ³)
Compression ratio	17 ± 0.8
Maximum power:	315 kW (428 HP)
Maximum power speed	2100 rpm
Maximum power speed for Mod. FX 30	1380 rpm
Number of main bearings	7
Sump	steel

Put the half bearings (1) on the main bearings in the sub-crankcase (2).



53

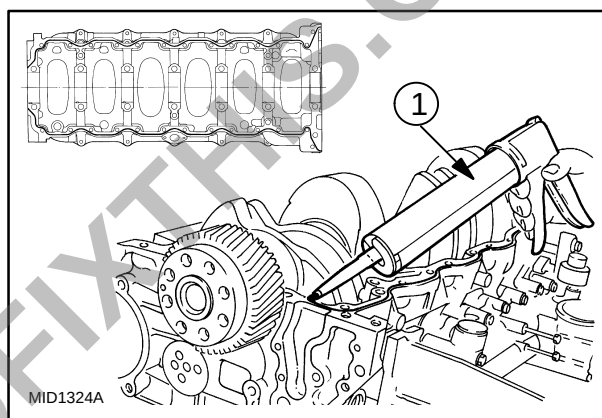
Apply LOCTITE 5699 sealant on the crankcase with an appropriate tool (1) as shown in the figure.

The box contains a diagram for applying LOCTITE 5699 sealant.



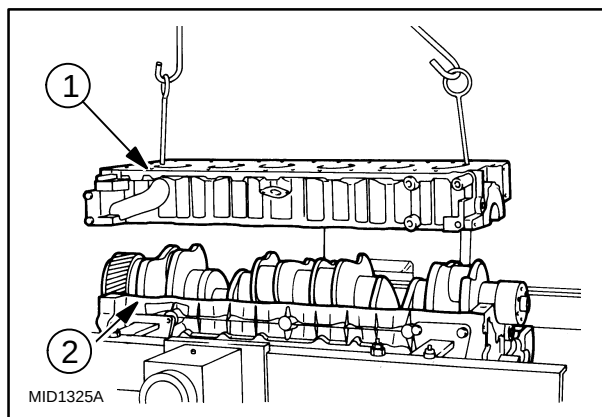
CAUTION

Fit the sub-crankcase within 10 min. of applying the sealant.



54

Fit the sub-crankcase (1) using a hoist and appropriate hooks.



55

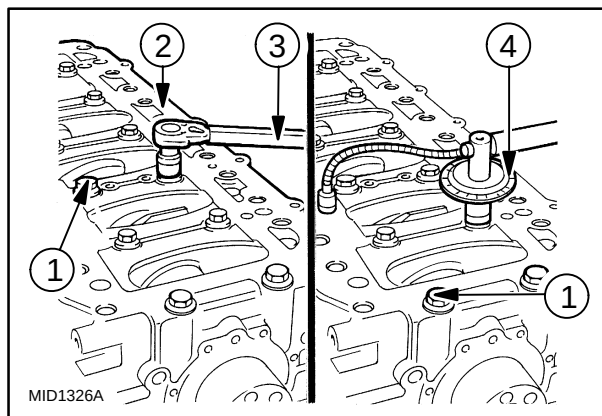


CAUTION

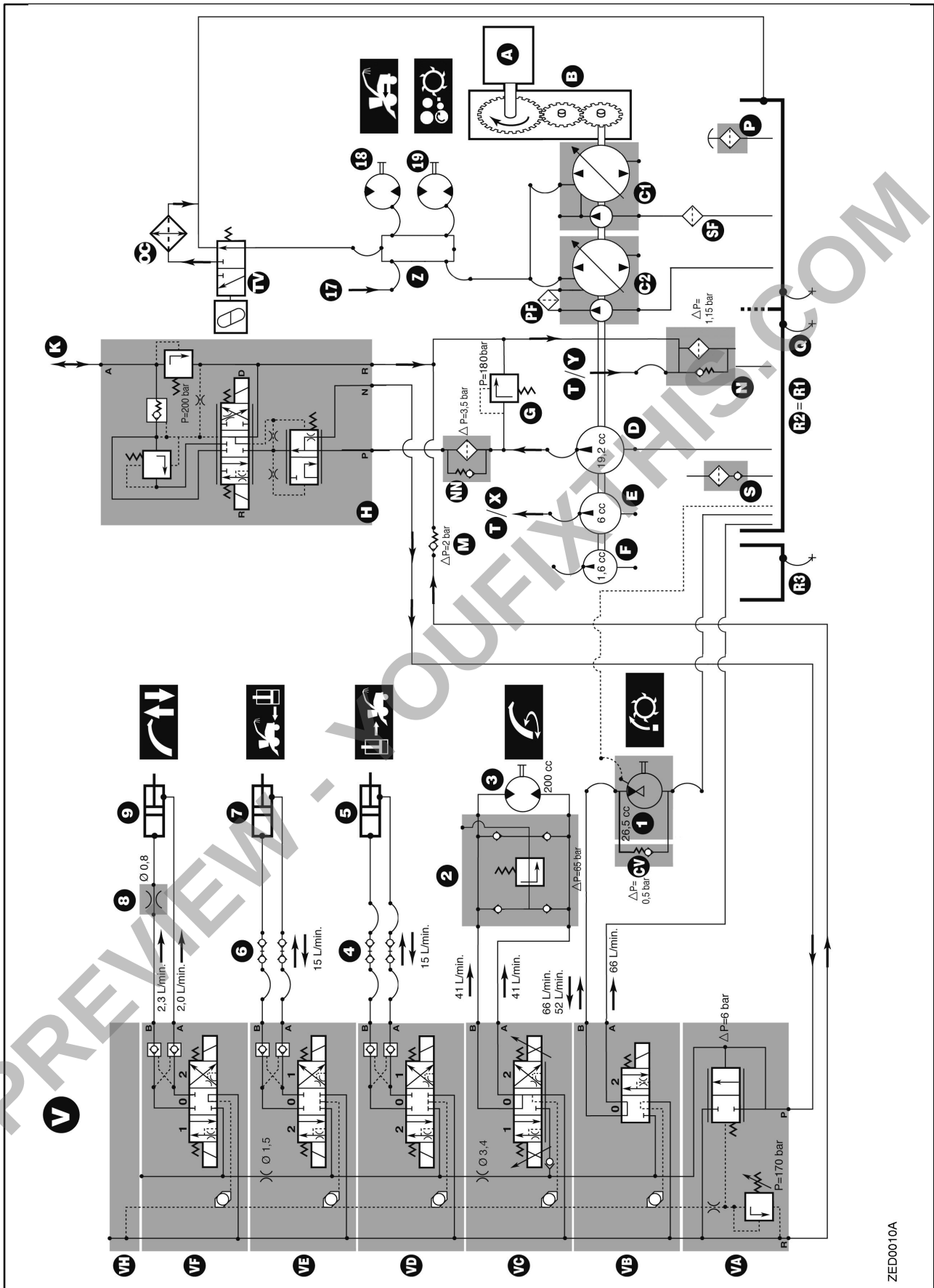
The sub-crankcase fixing screws (1) must, before assembly, be lubricated with engine oil.

Tighten the screws (1) using the torque wrench (3) according to the tightening torque values and stages shown in the following figures.

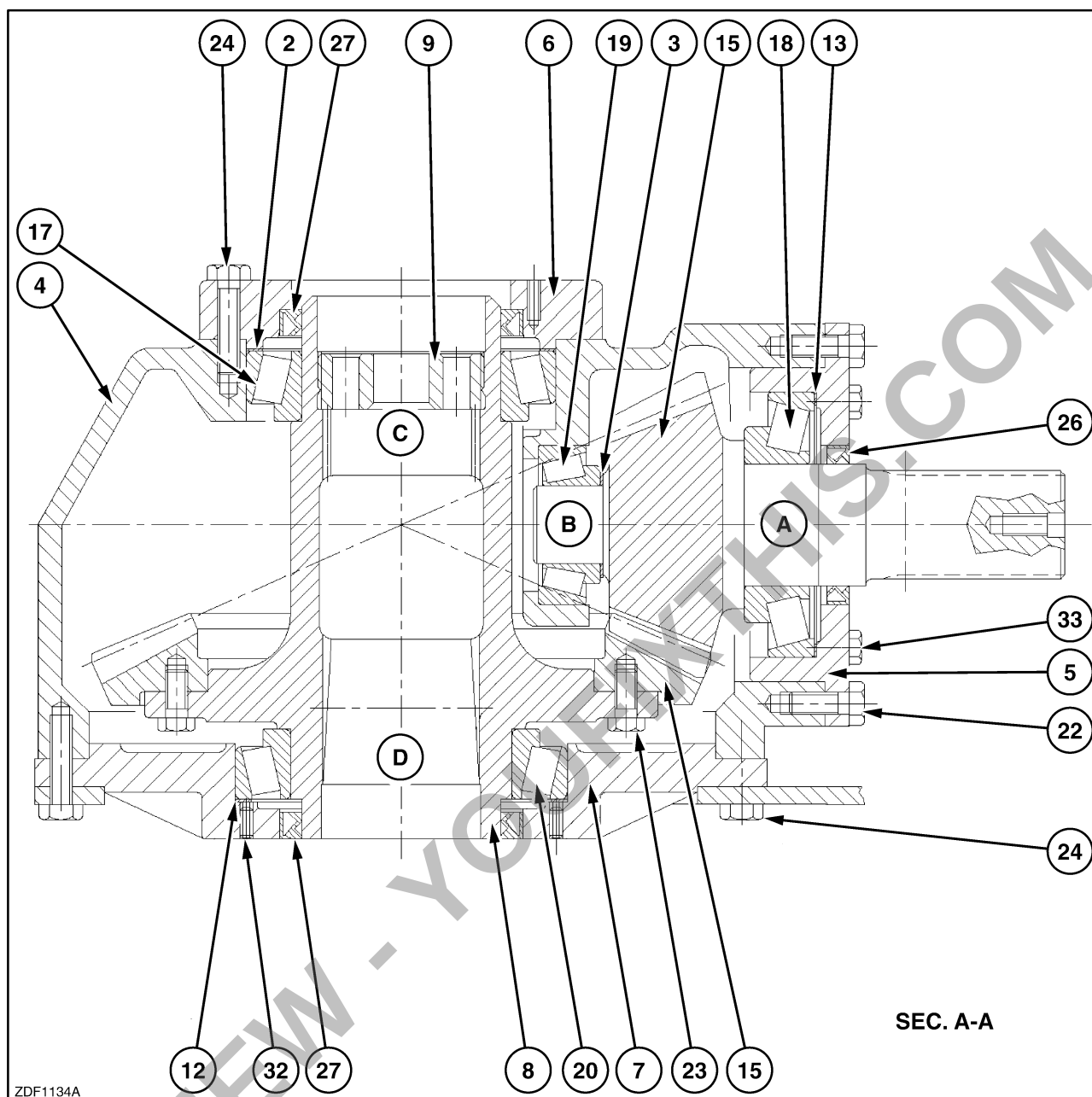
Tightening to angle shall be performed using tool 292248.



56



ZED0010A



- | | | |
|-------------------------|-----------------------------|----------------|
| 1. Identification plate | 12. Shimpac | 23. Bolt |
| 2. Shimpac | 13. Shimpac | 24. Bolt |
| 3. Shimpac | 14. Plate | 25. Drain plug |
| 4. Casting | 15. Input shaft with pinion | 26. Lip seal |
| 5. Bearing housing | 16. Bracket | 27. Lip seal |
| 6. Bearing housing | 17. Bearing | 28. Oil cooler |
| 7. Cover | 18. Bearing | 29. O-ring |
| 8. Output shaft | 19. Bearing | 30. O-ring |
| 9. Special nut | 20. Bearing | 31. O-ring |
| 10. Tube | 21. Bolt | 32. Dowel pin |
| 11. Oil level indicator | 22. Bolt | 33. Bolt |

PREVIEW ONLY

You're viewing 5 of 1076 pages

The full manual includes:

- All 1076 pages, complete
 - Searchable PDF (find any keyword)
 - No watermarks
 - Instant download
 - Print-ready quality
-

GET FULL MANUAL NOW

**New Holland FX30, FX30NA, FX40, FX40NA, FX50, FX60, FX60NA
Workshop Manual**



Scan or click anywhere
youfixthis.com

Click anywhere on this page to get the full manual