



OPERATOR'S MANUAL

1175 Tractor



9-4432

SERVICE MANUAL 6SD1T ISUZU ENGINES

CNH

Cre 9-54870

Copyright © 2002 CNH France S.A.
Printed in U.S.A.
December 2002

TABLE OF CONTENTS

Chapter 1	General Information	1
Chapter 2	Maintenance	21
Chapter 3	Engine I (Disassembly)	37
Chapter 4	Engine II (Inspection and Repair)	55
Chapter 5	Engine III (Assembly)	85
Chapter 6	Lubricating System	117
Chapter 7	Cooling system	129
Chapter 8	Fuel System	139
Chapter 9	Turbocharger	153
Chapter 10	Engine Electrical	173
Chapter 11	Troubleshooting	197
Chapter 12	Special Tools	219
Chapter 13	Repair Standard	223

Note:

Before using this manual to perform maintenance and repairs, be sure to read the section "General Servicing Precautions" included in Chapter 1 (General Information).



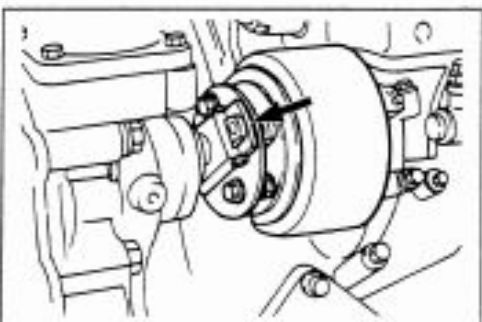
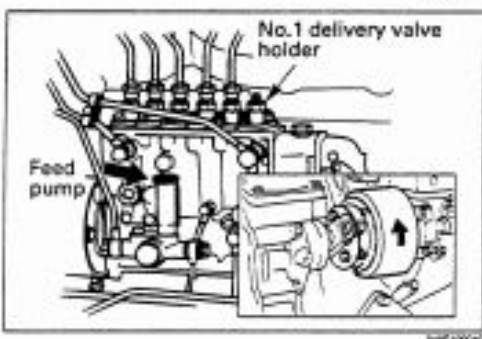
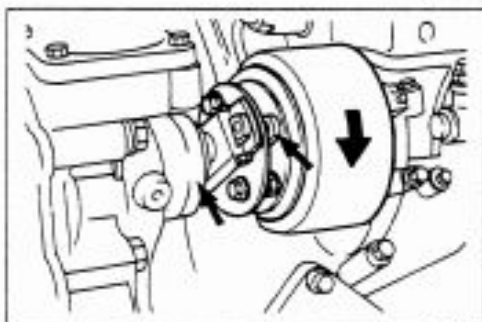
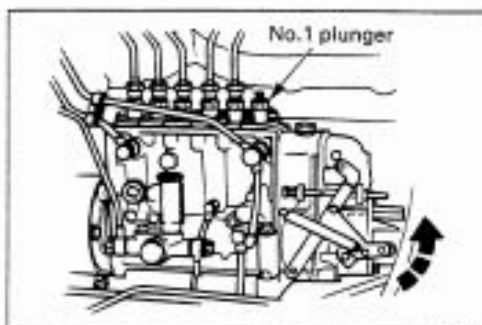
3. Install the delivery valve holder, and tighten to the designated torque.
Do not install the delivery valve spring or delivery valve at this time, since they are installed only after completing this procedure.

Delivery valve holder tightening torque N·m (kgf·m/lb·ft)

108 - 118 (11.0 - 12.0 / 80 - 87)

Note:

Over-tightening or under-tightening the delivery valve holder may cause engine hunting or fuel leakage.



4. Keep the fuel control lever at the full open position.

5. Loosen the coupling plate's two joint bolts.
6. Rotate the automatic timer clockwise.



7. While operating the feed pump, confirm that fuel flows out from the No. 1 delivery valve holder.
8. While confirming the outflow of fuel, slowly rotate the automatic timer counterclockwise, and the fuel flow will gradually decrease, and finally stop. This position is the fuel injection beginning point.



9. Tighten the two coupling plate joint bolts to the designated torque.

Joint bolt tightening torque N·m (kgf·m/lb·ft)

103 - 113 (10.5 - 11.5 / 76 - 83)



Thank you very much
for your reading.
Please click here
to get more information.