

Product: EXCAVATOR

Model: E240 EXCAVATOR 1FG

Configuration: E240, EL240 HYDRAULIC EXCAVATORS 1FG00001-UP (MACHINE) POWERED BY 3304 ENGINE

General Service Information

E180, EL180, E240, EL240, E240B & EL240B EXCAVATORS IDLER WH

Media Number -SEN4825-00

Publication Date -01/09/1989

Date Updated -11/10/2001

Disassembly

Preparation

Make the following preparations prior to disassembly:

1. Workbench

The workbench must have enough space to place and hold parts during work. Soft jaws are needed for the vise.

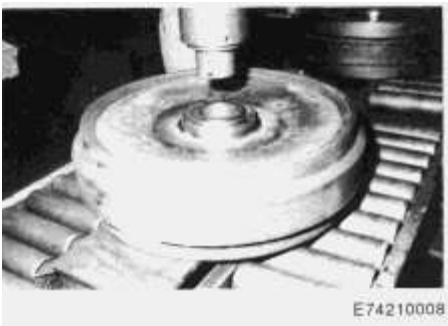
2. Tools and supplies

Prepare the tools and supplies shown in SERVICING.

General Precautions

1. Use care in handling precision-made parts during work to avoid damage caused by striking other parts or from being dropped.
2. Never strike or prize parts forcibly even if they are held fast, so as to prevent damage, burring, oil leakage or lowered performance. Use care and patience.
3. Protect parts from corrosion and dust when disassembly is interrupted for some time. Parts rust easily due to moisture or dust when left disassembled.

Disassembly Procedures



1. Clean idler wheel with steam cleaner.
2. Remove tapered plug (1) from bearing (3) with a ratchet handle and hexagon socket.
3. Drain engine oil from the idler wheel.



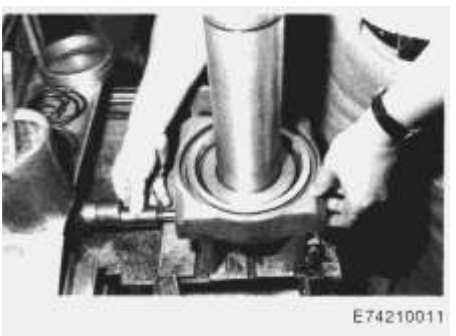
4. Remove spring pin (2) from bearing (3) with a press and a pushing rod and discard it.

NOTE: Do not reuse spring pin (2).

5. Remove bearing (3) from shaft (8).



6. Fasten a hoist to bearing (3), and remove bearing (3) complete with shaft (8) from wheel (6).



7. Remove spring pin (2) from bearing (3) with a pushing rod and a press and discard it.



8. Remove shaft (8) from bearing (3).



9. Remove O-ring (7) from shaft (8).



10. Remove floating seal (4) from wheel (6) with a spatula.

NOTE: Do not reuse floating seal (4).



11. Remove floating seal (4) from bearing (3) with a spatula.

NOTE: Do not reuse floating seal (4).

12. Remove bushing (5) from wheel (6).

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