



# Service Repair Manual

## **Models**

349E L Excavator

---

Product: EXCAVATOR

Model: 349E L EXCAVATOR MPZ

Configuration: 349E L Excavators MPZ00001-UP (MACHINE) POWERED BY C13 Engine

## Disassembly and Assembly 349E Excavator and 349E MHPU Mobile Hydraulic Power Unit C13 Engine Supplement

Media Number -KENR9847-03

Publication Date -01/01/2013

Date Updated -28/01/2013

i06192451

# Fan Drive - Assemble - Hydraulic Fan Drive

SMCS - 1359-016

## Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-1861	Retaining Ring Pliers	1
B	9U-7480	Compressing Tube	1
C	1P-1859	Retaining Ring Pliers	1
D	1P-1863	Retaining Ring Pliers	1
E	-	Loctite Flexible Anaerobic Gasket Flange	1
F	-	Loctite 648	1
G	359-4915	Driver	1
H	359-4916	Driver	1

**Note:** Caution is required while handling the lip seals. The lip seals can be damaged if objects or cleaning fluids contact the sealing surface.

**Note:** Cleanliness is an important factor. Before assembly, thoroughly clean all parts except the lip seals with cleaning fluid. Allow the parts to air dry. Wiping cloths or rags should not be used to dry parts. Lint may be deposited on the parts which may cause later trouble. Inspect all parts. If any parts are worn or damaged, use new parts for replacement.

**Note:** Check the O-ring seals, the gaskets, and the seals for wear or for damage. Replace the components, if necessary.

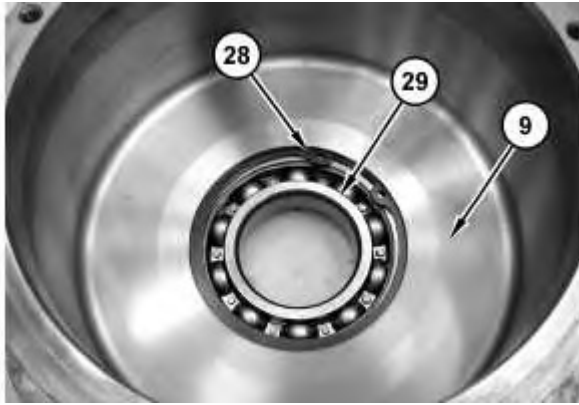


Illustration 1

g01333314

1. Use a suitable press to install bearing (29) into case (9) . Use Tooling (A) in order to install retaining ring (28) .



Illustration 2

g01333310

**Note:** Caution is required while handling the lip seals. The lip seals can be damaged if objects or cleaning fluids contact the sealing surface.

2. Apply Tooling (E) to the outside diameter of lip seal (27) . Carefully install lip seal (27) into case (9) .
-

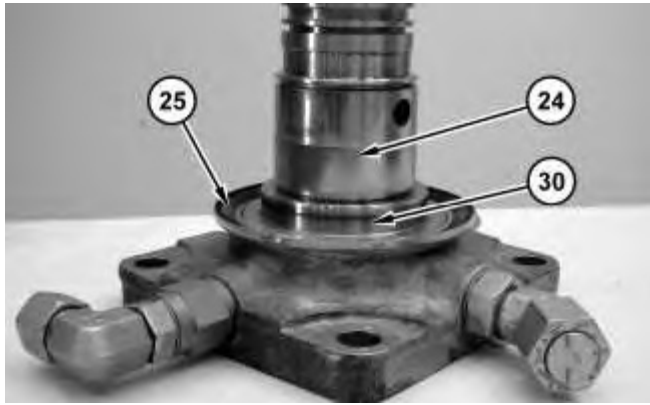


Illustration 3

g02092525

3. Install seal (25) onto shaft assembly (24) .
4. Apply Tooling (F) to the full diameter of the shoulder on shaft assembly (24) . Position new sleeve (30) on shaft assembly (24) . The external chamfer on sleeve (30) will be on top. Use Tooling (G) and a suitable press in order to install sleeve (30) . Remove excess Tooling (F) .



Illustration 4

g01333308



Illustration 5

g01286111

5. Position tube assembly (26) into case (9) .
6. Position case (9) and tube assembly (26) onto shaft assembly (24) .
7. Use a suitable press and a suitable driver to press shaft assembly (24) through the bearing and through tube assembly (26) .



Illustration 6

g01333303

8. Use Tooling (D) in order to install retaining ring (23) . Install seal rings (22) onto shaft assembly (24) .

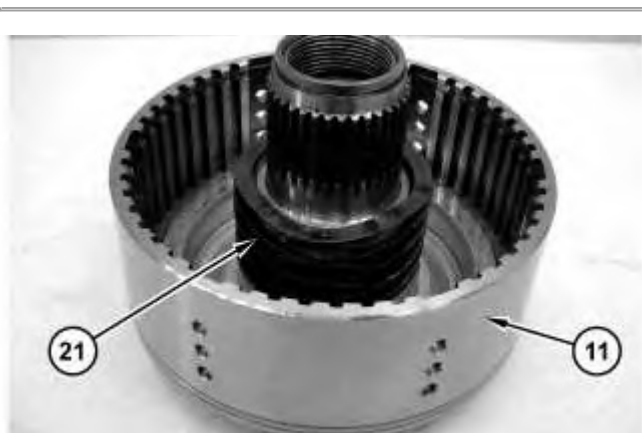


Illustration 7

g01333301

9. Install spring (21) on clutch housing assembly (11) .
-

Thank you so much for reading.  
Please click the “Buy Now!”  
button below to download the  
complete manual.



After you pay.

You can download the most  
perfect and complete manual in  
the world immediately.

Our support email:

[ebooklibonline@outlook.com](mailto:ebooklibonline@outlook.com)