



# Service Repair Manual

## **Models**

# C18 Industrial Engine

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Product: INDUSTRIAL ENGINE  
Model: C18 INDUSTRIAL ENGINE N8F  
Configuration: C18 Industrial Engine N8F00001-UP

## Disassembly and Assembly CX38-P892 Petroleum Transmission

Media Number -M0086381-00

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i07566677

## Pump Drive - Disassemble - Integral

SMCS - 3108-015

### Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	421-5662	Eyebolt Lifting Assembly	4
B	1P-2420	Transmission Repair Stand	1
C	1U-9895	Cross Block	1
	123-4370	Puller Stud (M20 x 2.5)	1
	FT-1408	Spacer	2
	6V-7742	Nut	1
D	439-3939	Link Bracket Assembly	1
E	154-6181	Forcing Bolt	2
F	8B-7551	Bearing Puller Gp	1

#### Start By:

- a. Remove the pump drive. Refer to Disassembly and Assembly, "Pump Drive - Remove".
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Illustration 1

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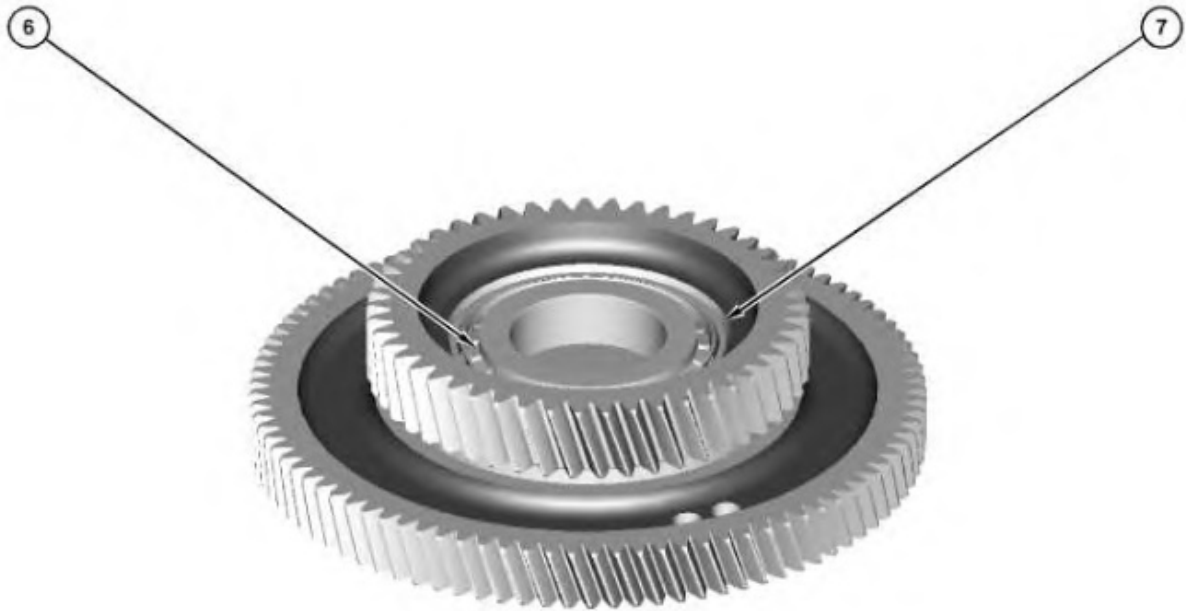
1. With torque converter housing (3) placed on suitable cribbing, attach Tooling (A) to torque converter housing (3). The weight of torque converter housing (3) is approximately 104 kg (230 lb).
2. Support bearing cage assembly (2) with suitable cribbing, allowing access to bolts (1). Remove bolts (1). Use a suitable lifting device to remove torque converter housing (3) and place on Tooling (B).



Illustration 2

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3. Remove retaining ring (4). Remove gear assembly (5).

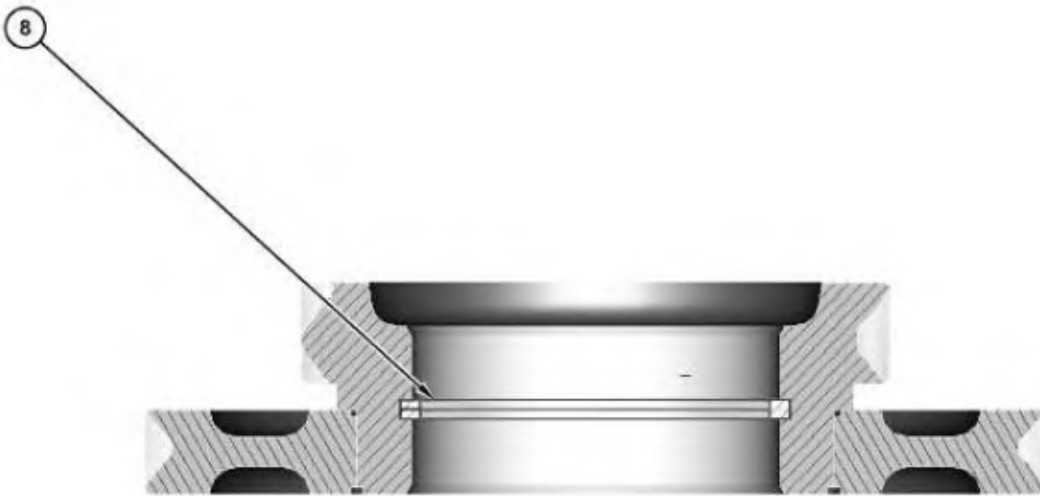


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Illustration 3

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4. Remove bearing cone (6) and bearing cup (7). Repeat this step for the opposite side.
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Illustration 4

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5. Remove retaining rings (8).
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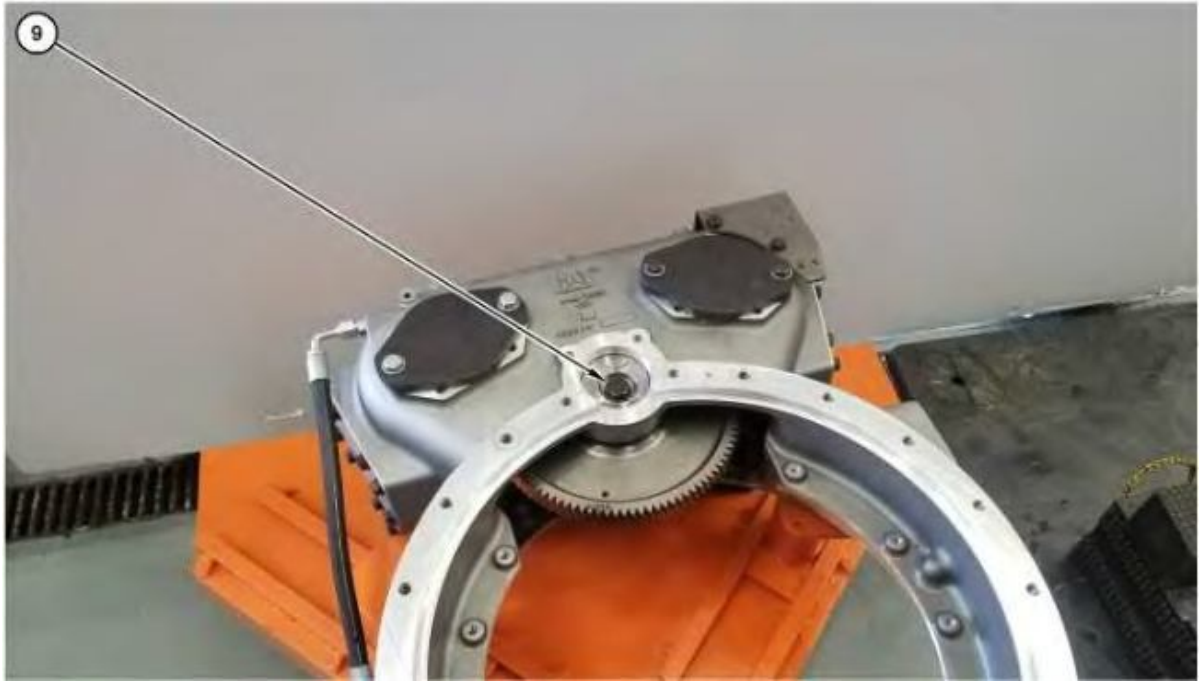


Illustration 5

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6. Remove bolt (9).

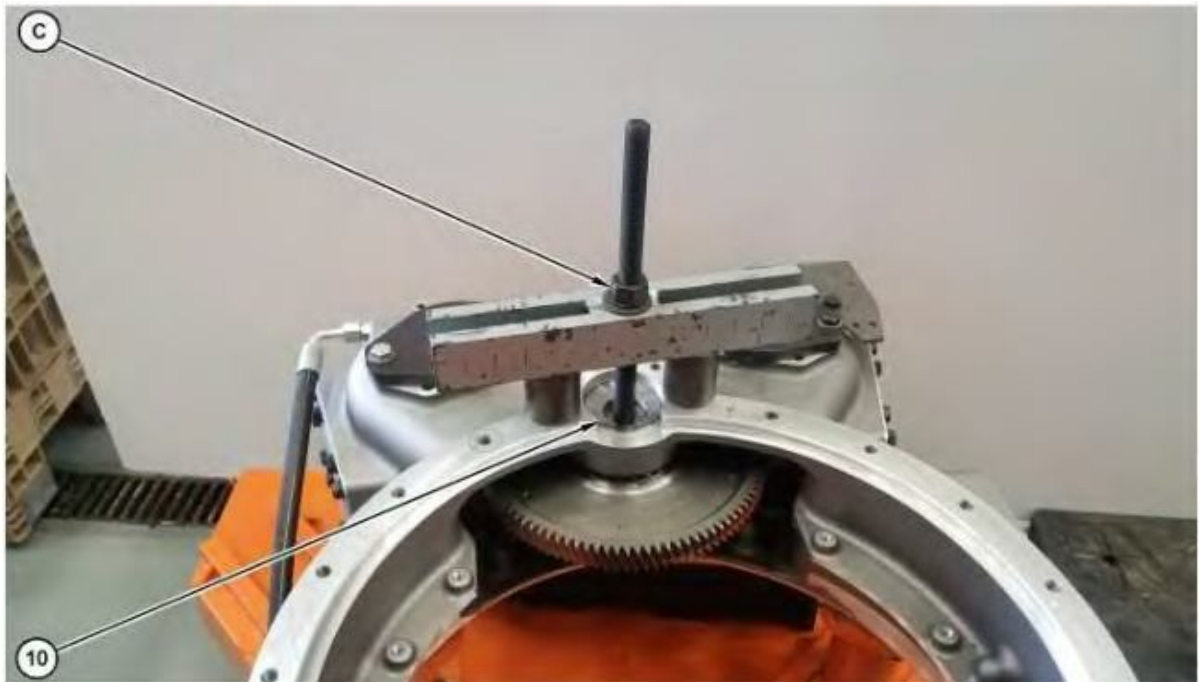


Illustration 6

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7. Attach Tooling (C) to idler shaft (10). Remove idler shaft (10).

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