



Service Repair Manual

Models

C18 Industrial Engine

Product: INDUSTRIAL ENGINE
Model: C18 INDUSTRIAL ENGINE BDN
Configuration: C18 Industrial Engine BDN00001-UP

Disassembly and Assembly CX38-P892 Petroleum Transmission

Media Number -M0086381-00

Publication Date -01/10/2018

Date Updated -23/10/2018

i07566675

Pump Drive - Remove

SMCS - 3108-011

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	421-5662	Eyebolt Lifting Assembly	4

Start By:

- Remove the torque converter. Refer to Disassembly and Assembly, "Torque Converter - Remove".

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

NOTICE

Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting, and repair of the product. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids.

Refer to Special Publication, PERJ1017, "Dealer Service Tool Catalog" for tools and supplies suitable to collect and contain fluids on Cat® products.

Dispose of all fluids according to local regulations and mandates.



Illustration 1

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1. Remove O-ring seal (1). Remove bolts (2).
2. Remove flywheel adapter (3).



Illustration 2

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3. Disconnect hose assembly (4). Disconnect hose assembly (5).



Illustration 3

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4. The weight of torque converter housing (7) is approximately 136 kg (300 lb). Attach tooling (A) and a suitable lifting device to torque converter housing (7). Remove bolts (6).
5. Remove torque converter housing (7) and place on suitable cribbing.

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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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