

Product: WHEEL LOADER

Model: 950F WHEEL LOADER 4DJ

Configuration: 950F WHEEL LOADER 4DJ00001-01999 (MACHINE) POWERED BY 3116 ENGINE

## Disassembly and Assembly 950F SERIES II WHEEL LOADER POWER TRAIN

Media Number -SEN9518-01

Publication Date -01/12/1997

Date Updated -28/10/2016

SEN95180024

## Transmission

SMCS - 3150-015; 3150-016

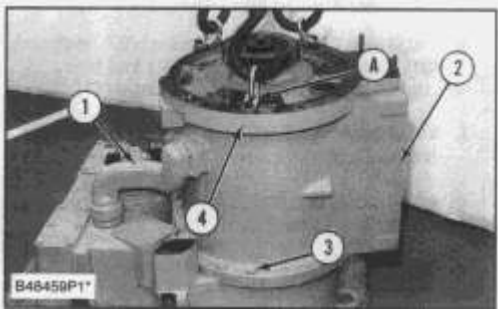
### Disassemble Transmission

Tools Needed		A	B	C	D	E	F	G
5P9736	Link Bracket	3						
1P1863	Pliers		1					
FT0833	Clamp			2				
1P1862	Pliers				1			
1P0520	Driver Group					1		
5P4758	Pliers						1	
FT0947	Clamp							2

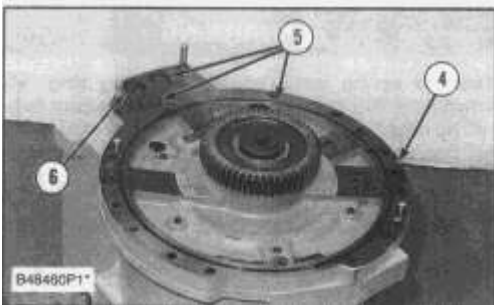
Tools Needed		H	J	K
6V2156	Link Bracket	2		
1P1864	Pliers		1	
8B7551	Bearing Puller Assembly			1

Start By:

- a. remove torque converter
- b. remove transmission hydraulic control valve



1. Fasten Tooling (A) and a hoist to housing (4) as shown.
2. Remove the bolts and elbow (1) from case (2) and the transfer gear case. If necessary remove the O-ring seal from the elbow.
3. Remove bolts (3), and separate the transmission from the transfer gear case. The weight of the transmission and case is approximately 340 kg (750 lb).



4. Remove O-ring seals (5) and (6) from housing (4).

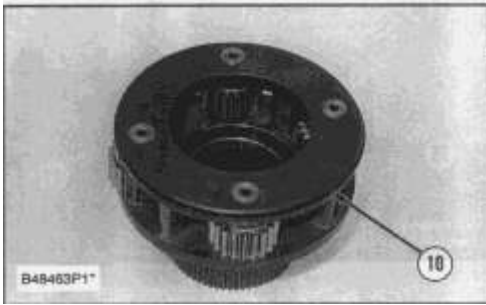


5. Fasten Tool (A) and a hoist to housing (4) as shown.
6. Remove bolts (7), and separate the transmission from case (2). The weight of the transmission is approximately 293 kg (650 lb).
7. Carefully turn the planetary group over so No. 6 (first speed) clutch housing is up.

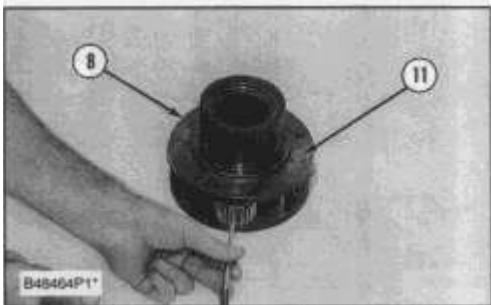


8. Use Tool (B), and remove retaining ring (9) from the output shaft.

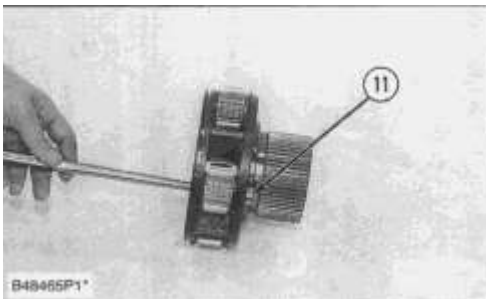
9. Remove carrier assembly (8).



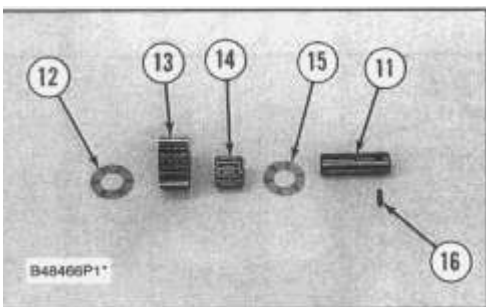
10. Remove metal seal ring (10) from the carrier assembly.



11. Use a hammer and a punch to push the spring pins through carrier (8) into planetary shafts (11).



12. Use a hammer and punch, and remove planetary shafts (11) from the carrier.



13. Remove thrust washers (12), planet gears (13), bearings (14) and thrust washers (15) from the carrier. Remove spring pins (16) from planetary shafts (11).

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