

Product: TRACK-TYPE TRACTOR

Model: D7G TRACK-TYPE TRACTOR 91V

Configuration: D7G TRACTOR / DIRECT DRIVE / 91V00954-00954 (MACHINE) POWERED BY 3306 ENGINE

## Disassembly and Assembly D7G TRACTOR POWER TRAIN

Media Number -SEN7119-02

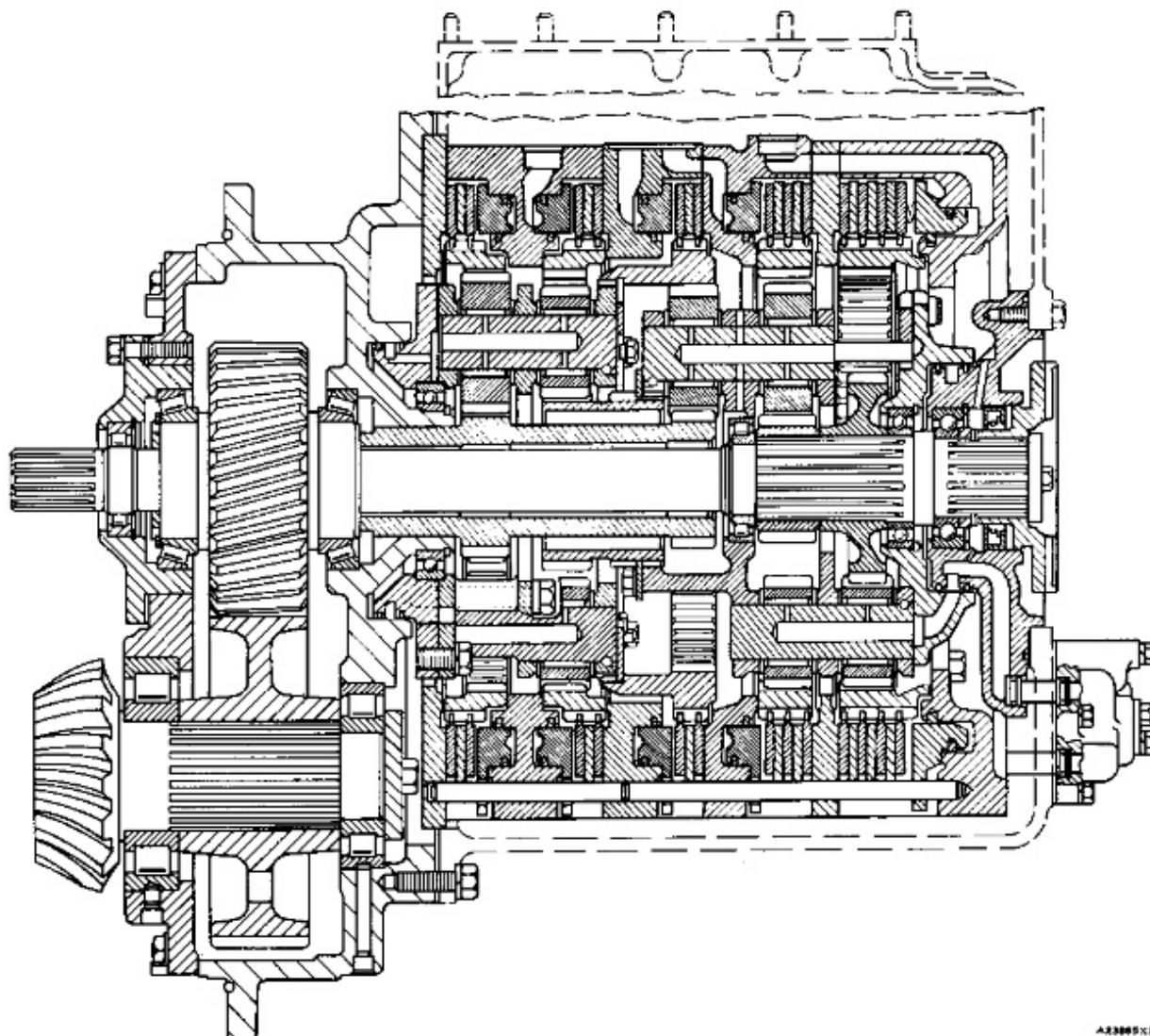
Publication Date -01/02/1983

Date Updated -14/10/2004

SEN71190043

### Transmission And Transfer Gears (Power Shift Without Cab)

SMCS - 3176-11; 3176-12; 3176-15; 3176-16



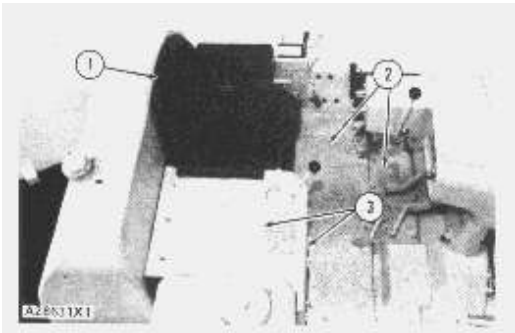
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# Remove Transmission And Transfer Gears (Power Shift Without Cab)

Tools Needed		A	B	C
6V2157	Link Bracket	4		

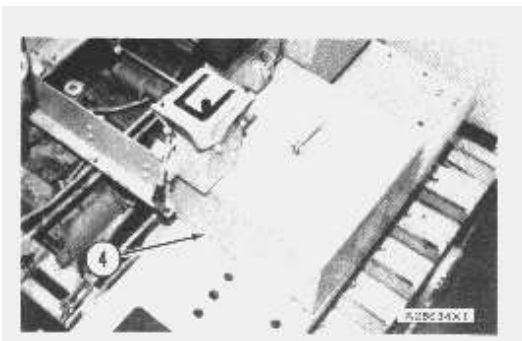
START BY:

a) remove rear bottom guard



1. Fasten a hoist to seat assembly (1). Remove the seat assembly. Weight of the seat assembly is 60 lb. (27 kg). Remove two floor plates (2) from the machine.

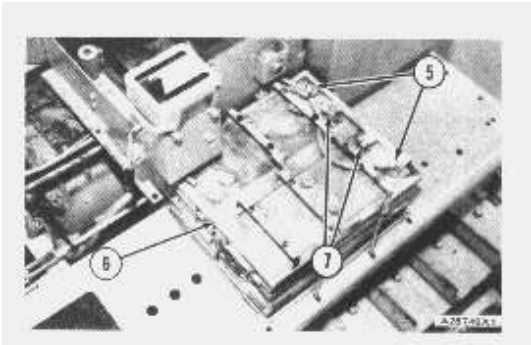
2. Remove two covers (3) for the hydraulic controls.



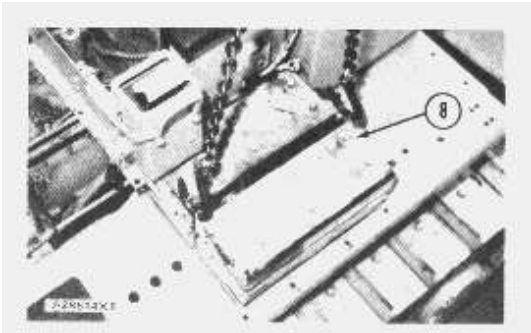
3. Remove cover (4) for the batteries of the machine.

**! WARNING**

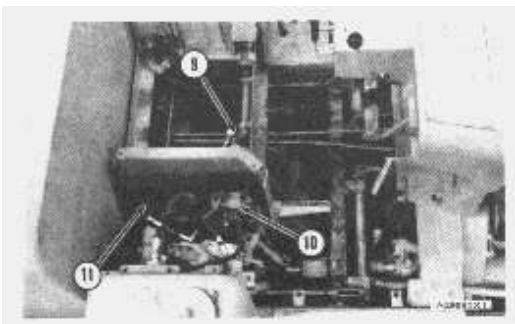
**Do not smoke when a check is made of electrolyte level. Batteries give off flammable fumes. Do not permit electrolyte solution to make contact with skin or eyes. Electrolyte solution is an acid. Fasten the ground cable last and remove first to prevent sparks near the battery, which can cause battery vapors to burn fast with much force (explode).**



4. Remove battery cables (5) and (7) from the terminals of the batteries. Remove bracket (6) that holds the batteries to the fender of the machine.

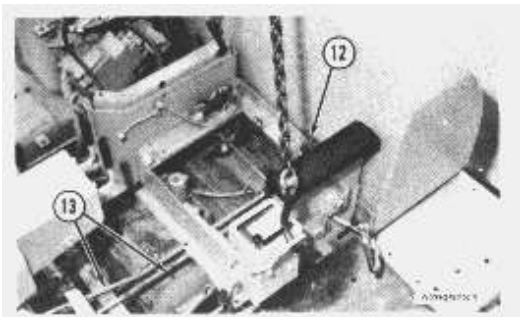


5. Fasten a hoist to the batteries as shown. Remove batteries (8) from the fender of the machine. The weight of the batteries is 160 lb. (73 kg).

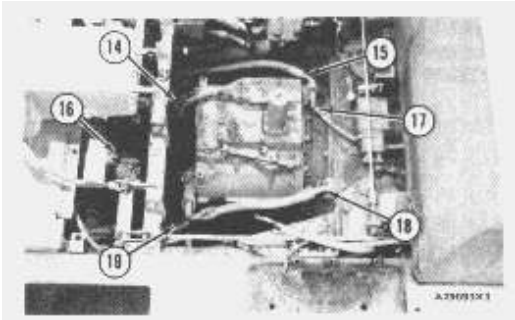


6. Disconnect rods (9) from the transmission control to the transmission. Remove three bolts that hold valve (10) to the seat frame assembly.

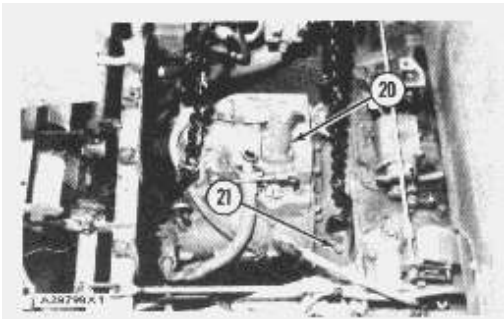
7. Remove bolts (11) that hold the seat frame to the beam assembly. Remove the bolts that hold the seat frame to the left fender of the machine.



8. Fasten a hoist to seat frame assembly (12). Remove the seat frame assembly. Weight of the seat frame assembly is 115 lb. (52 kg).
9. Remove two rods (13) to the steering clutch control valve.
10. Remove the universal joint. See REMOVE UNIVERSAL JOINT.



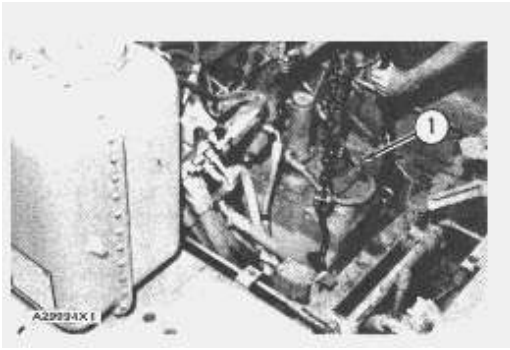
11. Disconnect oil line (14) at the transmission. Disconnect oil lines (15) and (17) at the block on the rear of the transmission. Disconnect oil line (18) at the bevel gear case.
12. Remove oil line (19) from the manifold at the transmission. Disconnect vent tube (16) from the torque divider case. Remove the oil supply line from the bottom of the transmission.



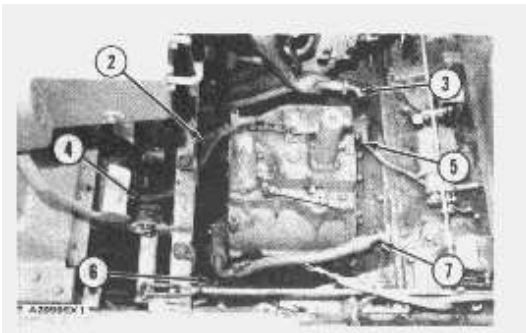
13. Install four 5/8" - 11 NC forged eyebolts or tooling (A) on the transmission and transfer gears. Fasten a hoist. Remove nuts (21) that hold the transmission and transfer gears to the bevel gear case. Remove the transmission and transfer gears. The weight is 1150 lb. (522 kg).

## Install Transmission And Transfer Gears (Power Shift Without Cab)

Tools Needed		A
6V2157	Link Bracket	4



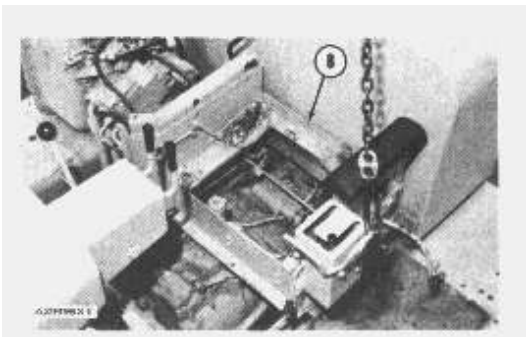
**1.** Install four 5/8" - 11 NC forged eyebolts or tooling (A) on the transmission and transfer gears. Fasten a hoist. Put transmission and transfer gears (1) in position on the bevel gear case. Install the washers and nuts that hold the transmission and transfer gears to the bevel gear case. Remove the hoist.



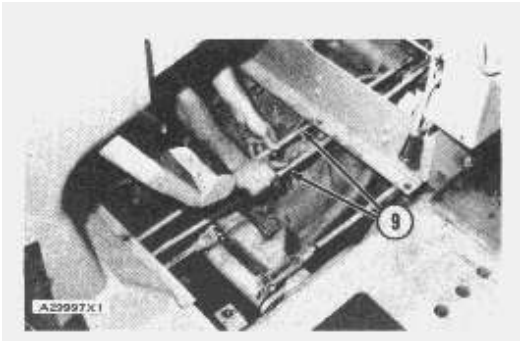
**2.** Install oil line (2) on the transmission. Install oil lines (3) and (5) on the rear of the transmission. Install oil line (7) to the bevel gear case.

**3.** Install oil line (6) to the transmission. Install vent tube (4) to the case of the torque divider. Install the oil supply line to the bottom of the transmission.

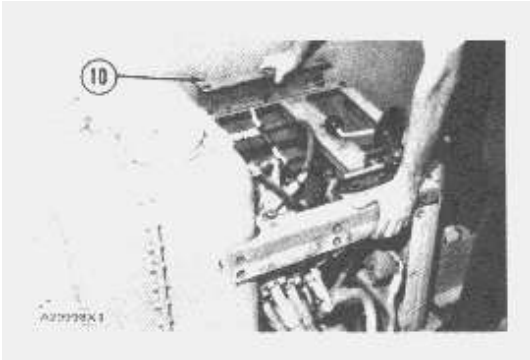
**4.** Install the universal joint. See INSTALL UNIVERSAL JOINT.



**5.** Fasten a hoist to the seat frame assembly as shown. Fasten seat frame (8) to the beam assembly and to the left fender of the machine. Connect the rods for the transmission controls to the transmission.



6. Install rods (9) for the steering clutch control valve. Install the pins that hold them.



7. Put support (10) for the hydraulic control panel in position. Install the bolts that hold it to the machine.



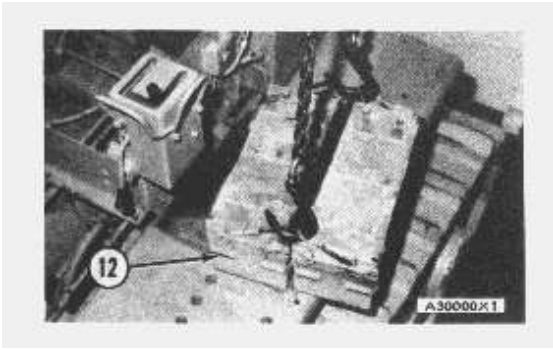
8. Put cover (11) in position above the hydraulic controls. Install the bolts that hold it to the machine. Install the front cover for the hydraulic controls.



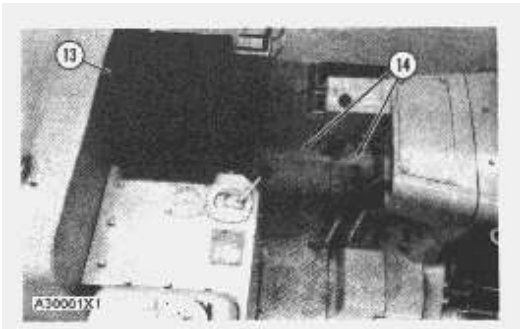
**WARNING**

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9. Fasten a hoist to the batteries as shown. Put batteries (12) in position on the fender of the machine. Install the bracket that holds the batteries to the fender of the machine. Install the cables for the batteries. Install the cover for the batteries.



10. Fasten a hoist to seat assembly (13). Put the seat assembly in position on the seat frame assembly.

11. Install two floor plates (14).

END BY:

a) install rear bottom guard

## Remove Transmission And Transfer Gears (Power Shift With Cab)

Tools Needed		A
5P9736	Link Bracket	4

START BY:

a) tilt cab back\*

b) remove universal joint

c) remove rear bottom guard

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\*This operation is in Operator's Station Disassembly and Assembly section.

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