

REAR TRANSMISSION—continued

Op. 166 REPLACE REAR TRANSMISSION HOUSING TOP COVER IN RAM CYLINDER HOUSING ASSEMBLY

1. Disconnect lifting links.
2. Remove transmission housing top cover.
3. Remove nut.
4. Replace nut.
5. Replace transmission housing top cover.
6. Reconnect lifting links.

Tools used—T: D 947E1. Ram cylinder housing lifting eyebolt.

Op. 166a) Extra to replace ram cylinder housing (with H.P.L.)

1. Remove hydraulic control unit.
2. Remove ram cylinder and piston.
3. Remove ram cylinder rear cover.
4. Remove one lift arm and withdraw shaft.
5. Remove crank arm and connecting rod.
6. Remove oil feed pipe.
7. Remove shaft bearings and spacers.
8. Replace ram cylinder and piston.
9. Replace hydraulic control unit.
10. Replace shaft bearings and spacers.
11. Replace shaft, crank arm and connecting rod.
12. Replace lift arm.

ASSOCIATED OPERATIONS

Demolish Op. 167 Replace ram cylinder housing (when H.P.L. is fitted). (Ops. 166 and 166a.)

Export Op. 500-A Replace hydraulic ram cylinder housing. (Ops. 166 and 166a.)

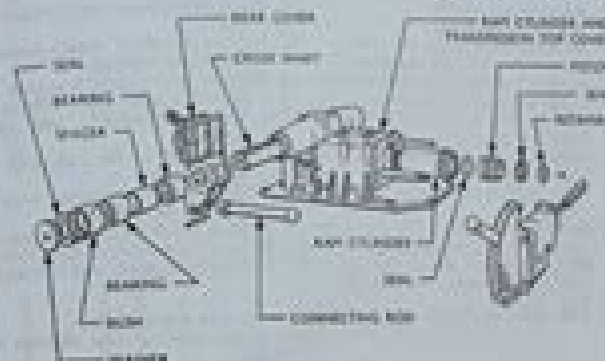
Op. 401A-B Replace axle center housing top cover. (Op. 166.)

Op. 176 DISMANTLE FRONT FROM REAR TRANSMISSION AND RE-ASSEMBLE

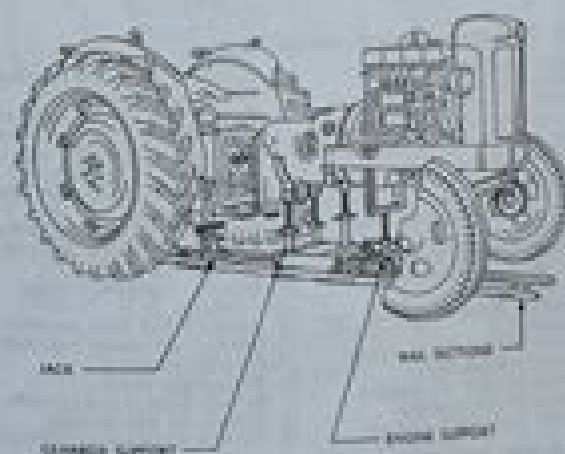
1. Drain oil from rear transmission.
2. Remove front axle wedge bolt and clamp.
3. Disconnect axle and tail lamp beam.
4. Remove R.14 foot plate.
5. Disconnect brake cables and remove brake locking lever pin.
6. Remove R.14 foot plate bracket.
7. Remove L.14 foot plate.
8. Disconnect clutch pedal.
9. Remove L.14 foot plate bracket.
10. Remove rear end of allionet.
11. Withdraw P.T.O. shaft.
12. Remove disconnecting equipment.
13. Remove main gearbox selector housing.
14. Disconnect front from rear frame.
15. Reconnect front and rear cross-members.
16. Replace P.T.O. shaft.
17. Reconnect rear end of allionet.
18. Replace L.14 foot plate bracket.
19. Reconnect clutch pedal.
20. Replace L.14 foot plate.
21. Replace R.14 foot plate bracket.
22. Replace brake locking lever pin and reconnect brake cables.
23. Replace R.14 foot plate.
24. Replace main gearbox selector housing.
25. Reconnect axle and tail lamp beam.
26. Remove disconnecting equipment, wedge bolt and clamp.
27. Fill with transmission lubricant.

Tools used—T: L-NAMES 5004
T: M20 2000
T: N2M2 27
Wedge bolt
Front axle clamp
Disconnecting stand

Op. 166, 1966.



Op. 176



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