

NEW HOLLAND

REPAIR MANUAL

TC29D
TC33D
Tractors

NEW HOLLAND AGRICULTURE

SERVICE

87036756

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The following pages are the collation of the contents pages from each section and chapter of the TC29D and TC33D Repair manual. Complete Repair part # 87036756

The sections used through out all New Holland product Repair manuals may not be used for each product. Each Repair manual will be made up of one or several books. Each book will be labeled as to which sections are in the overall Repair manual and which sections are in each book.

The sections listed above are the sections utilized for the TC29D and TC33D Tractors.

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SECTION 00 - GENERAL INFORMATION

BOOK 1 - 87036757

Chapter 1 - General Information

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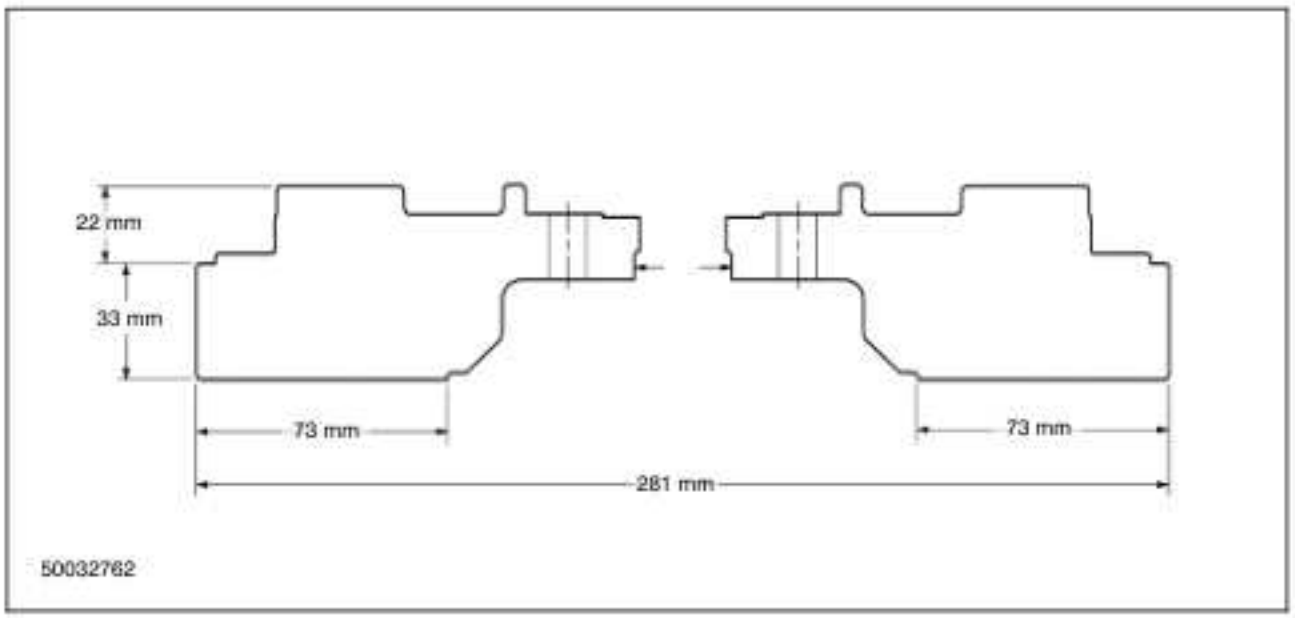
BOOK 1 - 87036757

Chapter 1 - Engine Systems

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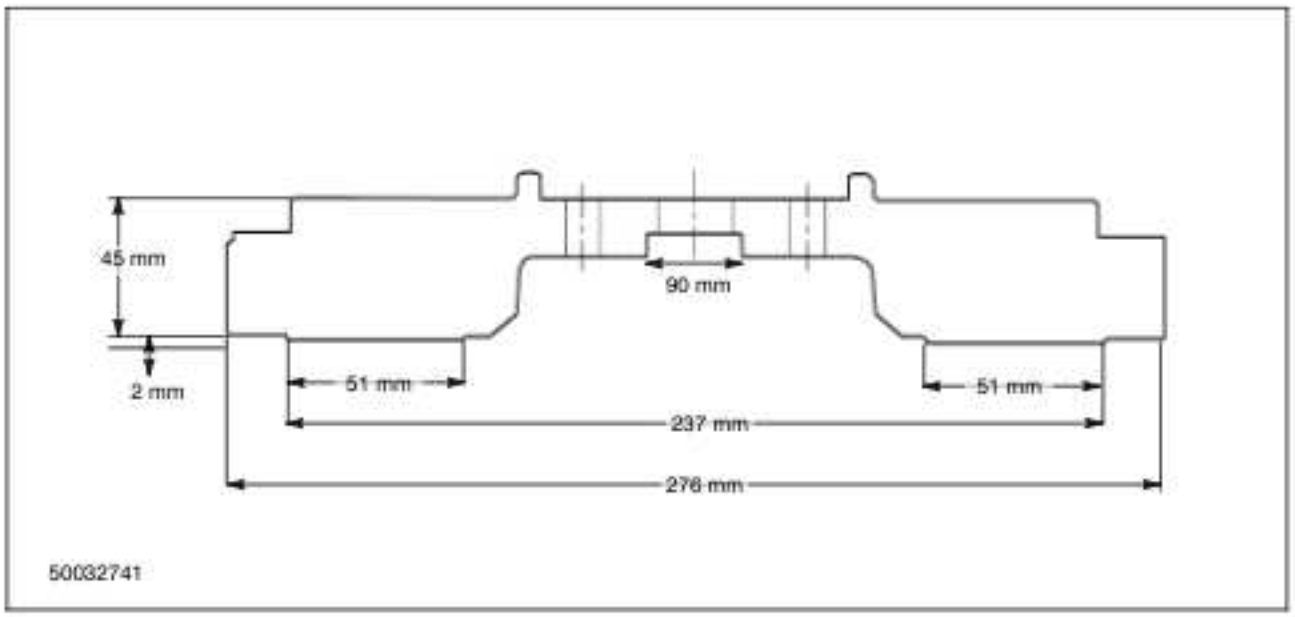
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Single Clutch TC33D



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Double Clutch 9 x 3 TC33D

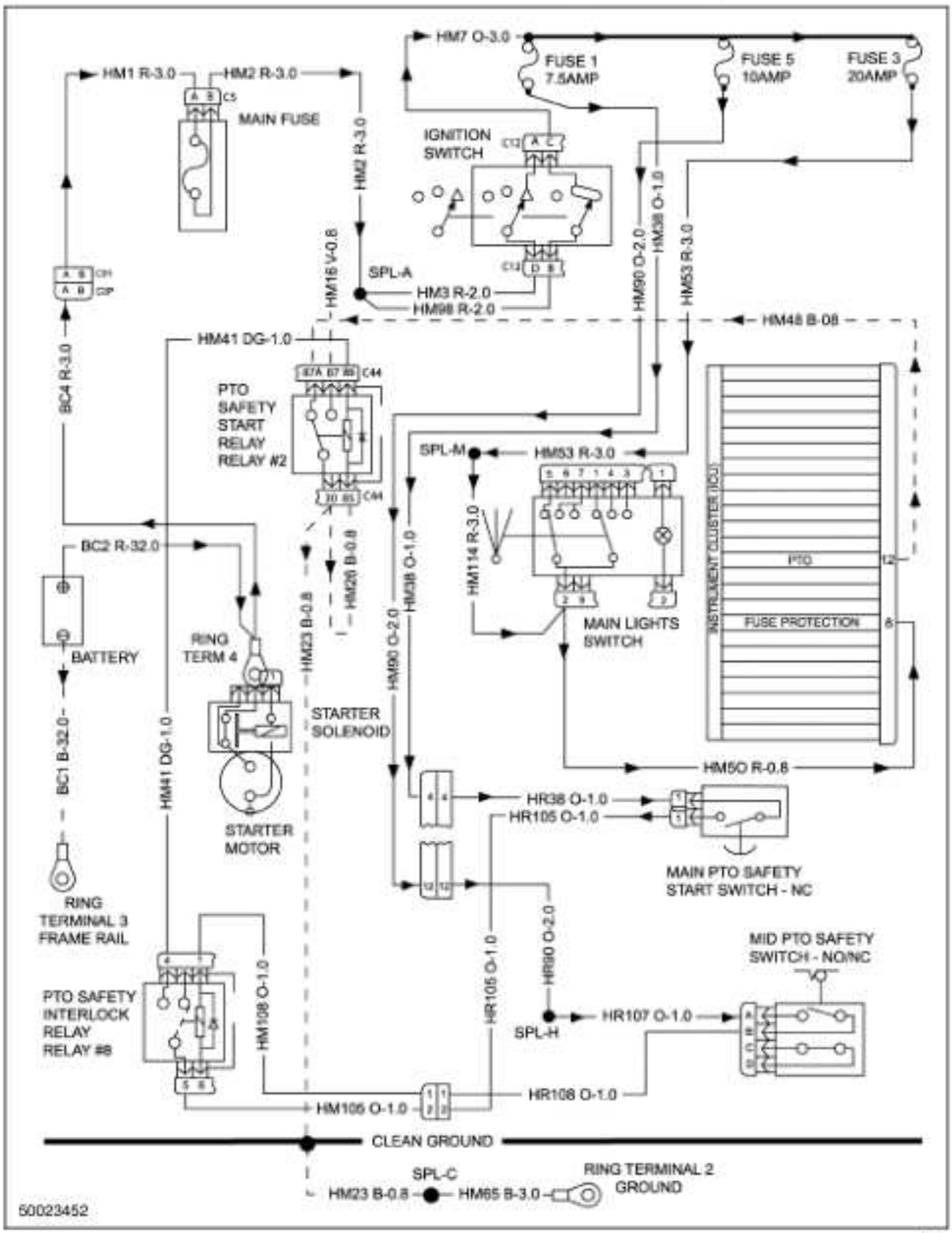
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TROUBLESHOOTING

CONDITION	POSSIBLE CAUSE	REMEDY
Implement fails to lift when lever is in raised position	1. Linkage out of adjustment	1. Adjust external and internal linkage
	2. Relief valve setting too low	2. Perform system relief valve pressure test
	3. Faulty safety valve	3. Repair or replace safety valve
	4. O ring failure on control valve body to cover	4. Repair as required
	5. Excessive fluid leakage past lift cylinder piston seal	5. Replace seal, piston, or cylinder as required
	6. Restricted suction filter	6. Clean or replace as required
	7. Unload valve does not close	7. Check unload valve operation
	8. Poppet valve remains open	8. Check poppet valve adjustment and operation
Lift arms cycle up and down when lever is in neutral position	1. Faulty poppet valve and seat	1. Repair or replace as required
	2. Faulty check valve and seat	2. Replace
	3. Leaking O rings (poppet valve and seat, valve cover, unload valve plug)	3. Inspect and repair as required
	4. Poppet valve out of adjustment	4. Adjust to proper clearance

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PTO INDICATOR LIGHT CIRCUIT (ALL MODELS)



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