

LT322 / LT324

**CAB
AND
FITTING KIT**

INSTRUCTION MANUAL AND PARTS LIST

ATTENTION



**THIS SYMBOL MEANS
BE ALERT!**

YOUR SAFETY IS INVOLVED

THIS CAB IS FOR USE ON THE LT322 AND LT324 TURF MOWERS.

**READ THIS MANUAL BEFORE FITTING THE CAB.
IT IS ESSENTIAL THAT OPERATOR'S STUDY IT FOR THEIR OWN SAFETY.**

CONTENTS	Page No.
INTRODUCTION.	1.5
WARRANTY.	1.5
SAFETY PRECAUTIONS.	1.6 - 1.7
Training.	1.6
Preparation.	1.6
Operation.	1.6 - 1.7
EC CONFORMITY INFORMATION.	1.8
Noise Levels.	1.8
EC Declaration of Incorporation.	1.8
SPECIFICATIONS.	1.9
PARTS LIST / DELIVERY CHECK LIST - KIT.	1.10 - 1.11
PARTS LIST - CAB.	1.12 - 1.13
CAB GENERAL ASSEMBLY.	1.14 - 1.20
Introduction.	1.14
Assembly.	1.14 - 1.20
BEACON ASSEMBLY.	1.21 - 1.23
Refitting the Beacon.	1.21 - 1.22
Beacon Template.	1.23
MAINTENANCE.	1.25 - 1.26
Commissioning the Cab.	1.25
Daily.	1.25
Every 250 Hours.	1.25
Hinging the Cab For Mower Maintenance.	1.25
To Re-assemble the Cab.	1.26
ELECTRICAL WIRING DIAGRAM.	1.27

INTRODUCTION

The Cab Code 917P is designed to be fitted to the Hayter LT322 2WD Triple Turf Mower or the LT324 4WD Triple Turf Mower using Fitting Kit Code 919R. This allows the mower to be used on slopes up to a maximum of 22 degrees depending on ground conditions and provides limited safety protection in the event of a roll-over. For maximum safety, the seat belt must be correctly fitted and worn by the operator.

This manual contains guidance for the correct assembly and the operation of the cab. It is provided for the protection of those operating and servicing the equipment.

The Cab must only be fitted to a Hayter LT322 or LT324 by an authorised Hayter dealer.

In the interest of continuing improvement, Hayter Limited reserve the right to alter specifications without notice.

Left and Right: Throughout this manual the terms Left and Right refer to the machine when looking in the direction of forward travel.

WARRANTY

HAYTER LIMITED Warrants to the original user / purchaser that this unit shall be free from defects in material and workmanship for a period of 12 calendar months from the date of delivery to the customer. This warranty excludes proprietary items which have the benefit of the supplying manufacturer's warranty.

This warranty which is not capable of assignment does not apply to any unit that has been tampered with, altered, misused or abused and will become invalid if non genuine Hayter parts are fitted. This warranty does not cover minor adjustments unless they are due to defective materials or workmanship. Consult the Instruction Manual or your authorised Hayter dealer for assistance when making these adjustments.

To make a warranty claim contact your authorised Hayter dealer through whom the equipment was originally supplied, indicating the serial number and purchase date. Subject to the conditions and exclusions in this warranty, the authorised Hayter dealer will at our option, repair or replace any warranted part within the duration of the warranty period.

This warranty gives you specific legal rights and is in addition to any statutory rights to which you may be entitled, your statutory rights are not affected by this warranty. If you need additional information concerning this written warranty or assistance in obtaining services please write or telephone.

HAYTER LIMITED, Service Department, Spellbrook, Bishop's Stortford, Herts., CM23 4BU:
Telephone: (01279) 723444.

**READ THIS MANUAL BEFORE FITTING OR USING THE CAB.
IT IS ESSENTIAL THAT OPERATORS STUDY IT FOR THEIR OWN SAFETY.**



THESE INSTRUCTIONS ARE IN ADDITION TO THOSE CONTAINED IN THE MACHINE OPERATOR'S MANUAL UNLESS OTHERWISE STATED. READ AND UNDERSTAND THE SEPARATE MACHINE OPERATOR'S MANUAL BEFORE ATTEMPTING TO FIT THE CAB.

THE FOLLOWING PRECAUTIONS MUST BE TAKEN TO HELP PREVENT ACCIDENTS.

A CAREFUL OPERATOR WHO USES COMMON SENSE IS THE SAFEST OPERATOR.

TRAINING

-  Read the instructions carefully. Be familiar with the use of the equipment.
-  Ensure that the specified torque settings are adhered to.
-  The cab and its mountings must not be drilled, cut or altered in any way.
-  All drivers should seek and obtain professional and practical instruction. Such instruction should emphasise the need for care and concentration when working with this equipment.

PREPARATION

-  Ensure that all lifting equipment is in good condition and has sufficient capacity to lift the item required as specified in this manual.
-  Always ask for assistance when lifting heavy or awkward loads.

OPERATION

-  Ensure that the seat belt is correctly fitted and in good condition. Always replace a damaged seat belt.
-  Always wear the seat belt when the cab is fitted.
-  Pay particular attention when operating due to the additional weight towards the front of the machine.

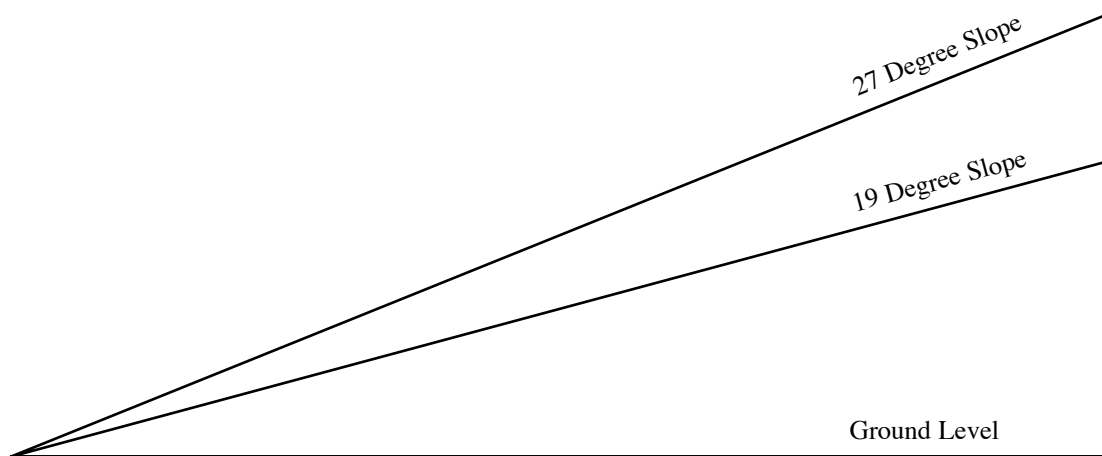
OPERATION**Continued.**

 Do not use the LT322 or the LT324 Triple Turf Mowers on a slope of more than 19 degrees unless the approved cab is fitted. Do not use the LT322 or the LT324 Triple Turf Mowers on a slope of more than 27 degrees when fitted with the approved cab.

 Ground conditions affect traction. Particular conditions may not permit safe operation on the slope limits stated.

Remember there is no such thing as a “SAFE” slope. Travel on a grass slope requires particular care. To guard against overturning:

- Use extreme care when changing direction on a slope.
- Do not stop or start suddenly when travelling up or downhill.
- Engage and disengage drive slowly. Take extreme care, especially when travelling downhill.
- Machine speed should be kept low on slopes and during tight turns.
- Stay alert for humps and hollows and other hidden hazards.
- Never mow across the face of a slope.

**MAINTENANCE**

 Keep all nuts, bolts and screws correctly torqued to be sure that the equipment is in safe working condition.

 Replace worn or damaged parts for safety.

 Ensure that all emergency exits are in full working order.

Health and Safety at Work Act:

In accordance with section 6 of the Health and Safety at Work Act 1974, this equipment has been designed and constructed so that, in so far as is reasonably practical, it will not endanger the safety and health of those working with it. This is, however, subject to the equipment being properly fitted, used and maintained according to the conditions stated in this manual and elsewhere, which have been found necessary as a result of the research and testing of Hayter Limited.

NOISE LEVELS

Operator's Daily Personal Noise Exposure : HAYTER LIMITED have no control over site conditions, duration of use, state of maintenance or adjustment of the mower. All of these factors will affect the operator's daily personal noise exposure level - $L_{EP,d}$

Under typical working conditions operators could be exposed to a daily personal noise exposure level in excess of 85 dB (A) $L_{EP,d}$

Sound Pressure Level:

The maximum sound pressure level at the operator's position is 87 dB(A) under typical working conditions.

If ear protection is required, ear protectors with good attenuation in the 63-8000Hz frequency range should be used.

Employers of personnel using this machine are advised to read the 'Noise at Work Regulations' as the operators daily personal exposure level could be above the 'First Action Level'.

**EC DECLARATION OF INCORPORATION****EC DECLARATION OF
INCORPORATION**

Company Name Hayter Limited,
Company Address Spellbrook,
Bishop's Stortford,
Herts.
CM23 4BU
England.

Machine Code No. 917P / 919R
Models LT322 / LT324 Cab Incorporating a Roll Over Protective
Structure and Fitting Kit.

This equipment complies with Directive 89/392/EEC amended by 91/368/EEC, 93/44/EEC and 93/68/EEC.
Essential Health and Safety requirements relating to the design and construction of machinery and safety components.

Tested to OECD code 4 ISO 3776

The above cab must not be put into service unless the machine to which it is to be fitted has been declared in conformity with the provisions of Directive 89/392/EEC amended by 91/368/EEC, 93/44/EEC and 93/68/EEC Essential Health and Safety requirements relating to the design and construction of machinery and safety components.

Signed : *M.A. Wright* Date : 21.07.97.

M.A. Wright
(Technical Director)

SPECIFICATIONS

	Cab Only	Fitting Kit	Cab Fitted to Machine (with 200mm Cutterheads)		With Beacon Fitted	
			LT322	LT324	LT322	LT324
Overall Height	1550mm	-	2300mm	2300mm	2450mm	2450mm
Overall Width	1031mm	-	2120mm	2120mm	2120mm	2120mm
Overall Length	1405mm	-	2690mm	2690mm	2690mm	2690mm
Weight	250Kg	60Kg	1350Kg	1400Kg	1350Kg	1400Kg

Controls: Windscreen wiper - ON / OFF Switch.
 Windscreen washer - ON / OFF Switch.
 Beacon - ON / OFF Switch (Optional).

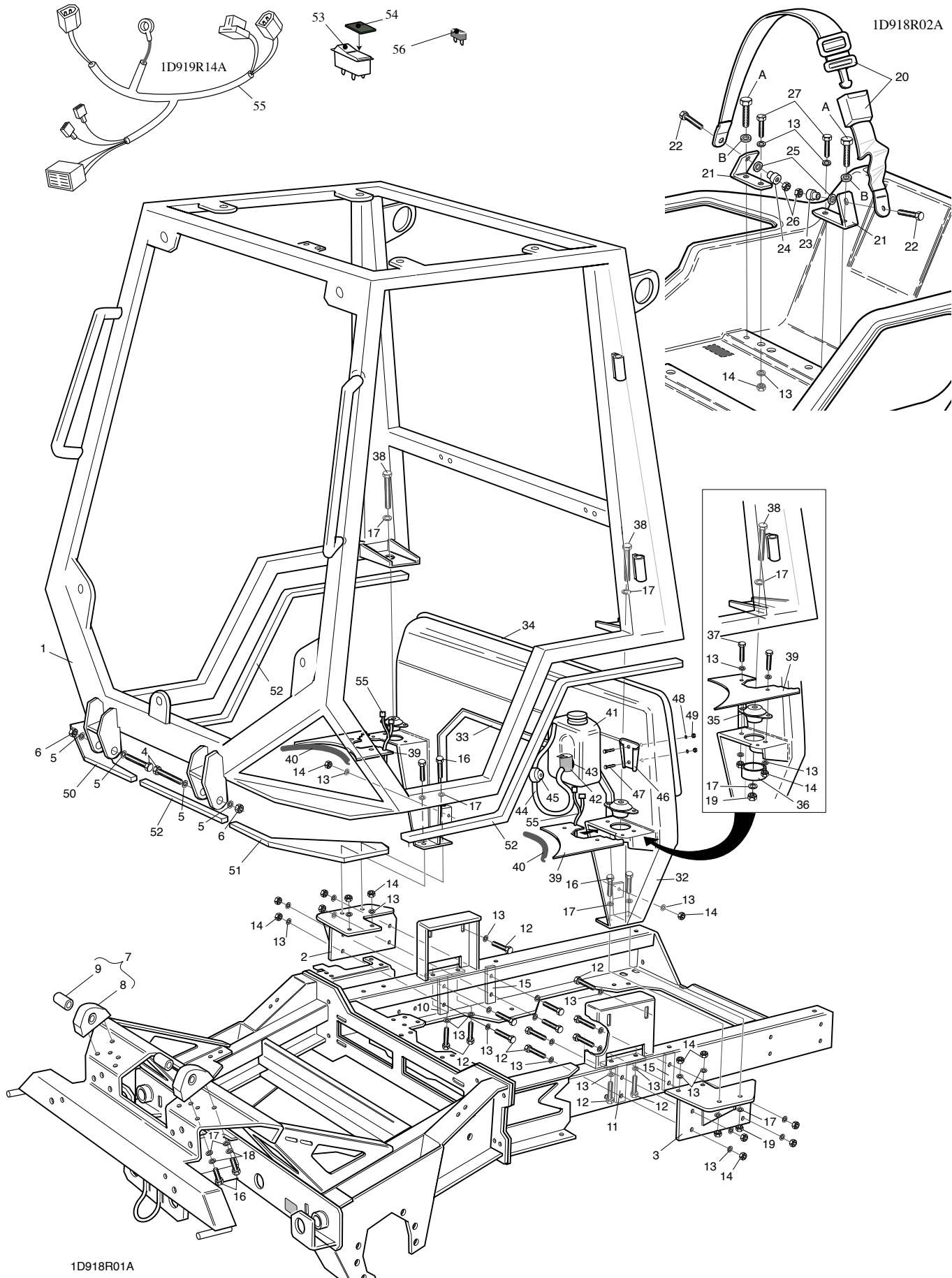
Windscreen washer Bottle Capacity: 1.7 Litres

1.10 PARTS LIST / DELIVERY CHECK LIST CODE 919R - KIT 1.10

PARTS LIST

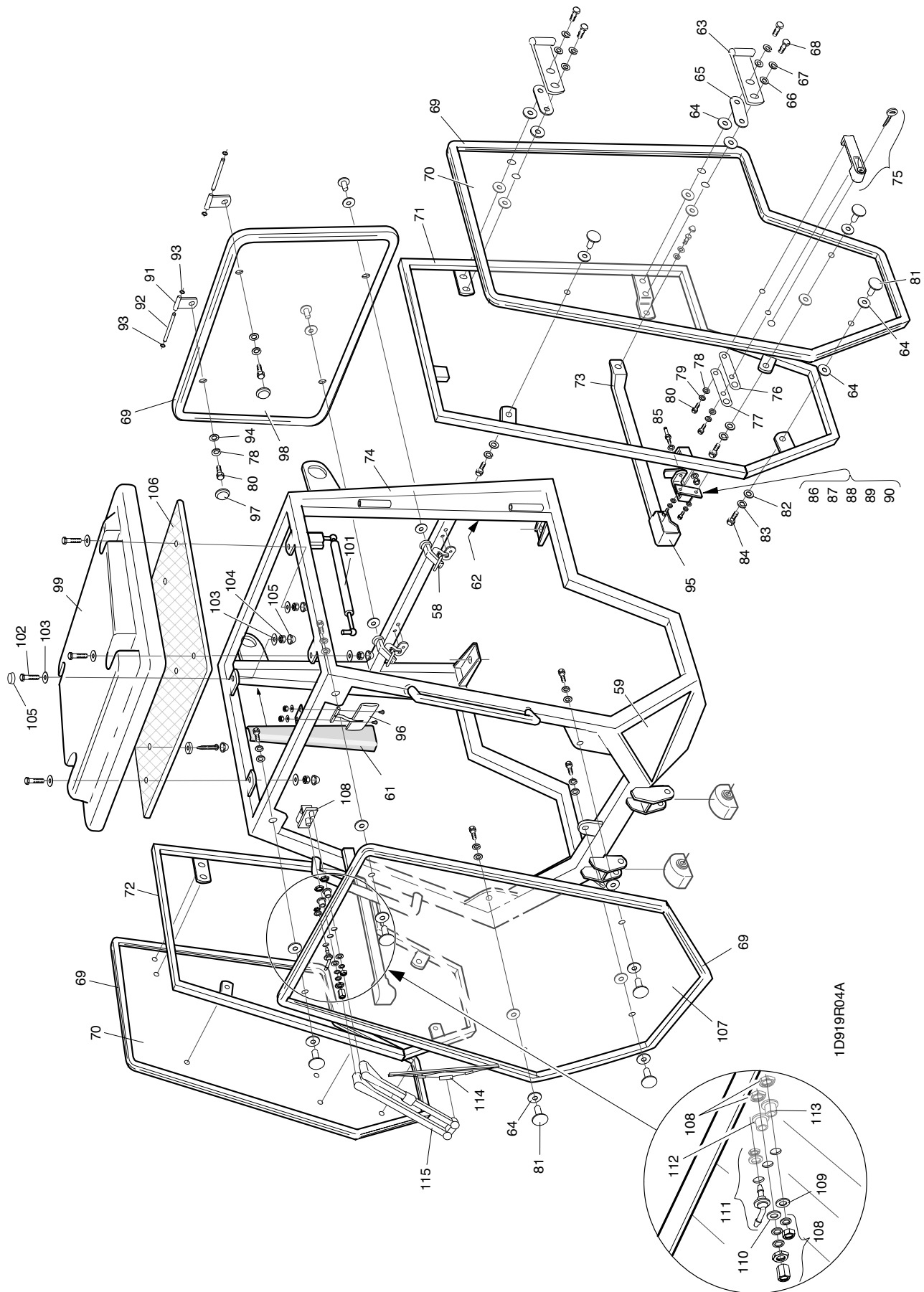
Item No.	Description	Part No.	Qty
1.	Full Cab - Code 917P	CODE 917P	1
2.	Bracket - Cab Support W/A R.H.	919002G	1
3.	Bracket - Cab Support W/A L.H.	919003G	1
4.	Bolt - M16 x 100	ZBH1P100U	4
5.	Washer - M16 Plain	09491	10
6.	Nut - Nyloc M16	09456	2
7.	Block - Cab Pivot & Mount Assembly (includes items 8, 9)	919006	2
8.	Block - Cab Pivot	919007G	2
9.	Mount - Isolating (Rubber)	919008	2
10.	Plate - Backing Front R.H.	918014G	1
11.	Plate - Backing Front L.H.	918015G	1
12.	Screw - Soc Hd Cap M10 x 45.	09407	14
13.	Washer - Plain M10	09479	32
14.	Nut - Nyloc M10	09447	16
15.	Plate - Backing Rear	918016G	2
16.	Bolt - M12 x 35 Hex Hd	09551	4
17.	Washer - Plain M12 H.D.	ZWQ1L000U	16
18.	Washer - Spring M12 SC	09599	4
19.	Nut - M12 Nyloc	09453	6
20.	Seat Belt - Static (includes 22,23,24 & 25)	74-07-043	1
21.	Bracket - Seat Belt Mounting	915030W	2
22.	Bolt - 7/16" x 1 1/2" UNF (091309)	Incl. in item 20	2
23.	Spacer - Long (Seat Belt Bolt)	Incl. in item 20	1
24.	Spacer - Short (Seat Belt Bolt)	Incl. in item 20	1
25.	Washer - Wavy.	Incl. in item 20	2
26.	Nut - Nyloc UNF 7/16"	09222	2
27.	Setscrew - M10 x 30	09392	2
28.	Bolt - M8 x 35	09631	4
29.	Nut - Plain M8	09443	4
30.	Washer - Plain M8	09475	24
31.	Nut - Nyloc M8	09442	4
32.	Mount - Rear Cab W/A	919010G	1
33.	Draught Excluder	70-07-079	Specify Length
34.	Protection Strip	70-07-070	Specify Length
35.	Mount - Isolator	74-07-053	2
36.	Mount - Retainer W/A	915023	2
37.	Bolt - M10 x 40	09611	4
38.	Bolt - M12 x 90	09614	2
39.	Infill - Cab	919009	2
40.	Seal Strip	70-07-079	Specify Length
41.	Bottle - Washer water	74-07-095	1
42.	Pump - Washer	74-07-106	1
43.	Washer - Pump Sealing	74-07-121	1
44.	Tube - 4mm I/D Washer	74-07-084	Specify Length
45.	Valve - Non Return	74-07-097	1
46.	Bracket - Washer Bottle.	74-07-098	1
47.	Screw M5 x 20	ZDH1E020U	2
48.	Washer M5	09470	2
49.	Nut - M5 Nyloc	09470	2
50.	Seal - Front Lower Trim R.H.	915022	1
51.	Seal - Front Lower Trim L.H.	915021	1
52.	Foam - Strip	919013	Specify Length
53.	Switch - Wiper / Washer	924617	1
54.	Lens - Wiper / Washer	924616	1
55.	Harness - Wiper / Washer	915070	1
56.	Fuse - 5 Amp	70-09-025	1
57.	Cable Tie (not illustrated)	74-07-020	10

1.11 PARTS LIST / DELIVERY CHECK LIST CODE 919R - KIT 1.11



PARTS LIST

Item No.	Description	Part No.	Qty
58.	Catch - Over Centre	915045	2
59.	Window - Floor L.H.	915050	1
60.	Window - Floor R.H. (Not Illustrated)	915051	1
61.	Trim - Corner Panel R.H.	915049	1
62.	Trim - Corner Panel L.H.	915048	1
63.	Hinge - Door	915046	4
64.	Seal	74-07-059	38
65.	Plate - Hinge	915029	4
66.	Washer - M8 Plain	ZWQ1H000U	8
67.	Washer - M8 Spring	09476	8
68.	Setscrew - M8 x 25	01362	8
69.	Seal - Protection Strip 2	74-07-072	Specify Length
70.	Window - Door	915030	2
71.	Frame - Door L.H.	915031	1
72.	Frame - Door R.H.	915032	1
73.	Grab Handle	915033	2
74.	Frame - Cab W/A	917002	1
75.	Handle - Door	915035	2
76.	Seal - Door Handle	915036	2
77.	Plate - Door Handle	915037	2
78.	Washer - M6 Plain	ZWQ1F000U	4
79.	Washer - M6 Spring	09473	6
80.	Setscrew - M6 x 25	09364	6
81.	Bush - Window	74-07-105	11
82.	Washer - M5 Plain	09470	11
83.	Washer - M5 Spring	09644	11
84.	Setscrew - M5 x 16	ZDH1E016U	11
85.	Striker Pin & Nut	74-07-075	2
86.	Bracket - Striker L.H.	915038	1
87.	Bracket - Striker R.H.	915039	1
88.	Washer - M8 Plain	ZWQ1H000U	4
89.	Washer - M8 Spring	09476	4
90.	Setscrew - M8 x 25	01362	4
91.	Hinge - Window	74-07-056	2
92.	Pin - Hinge	74-07-103	2
93.	Circlip	74-07-104	4
94.	Washer - Cone	74-07-100	2
95.	Interior Catch - L.H.	915052	1
96.	Mirror - Interior	74-07-112	1
97.	Cap - M6 Nut	74-07-055	2
98.	Window - Rear	915040	1
99.	Panel - Roof	915017	1
100.	Interior Catch - R.H. (Not Illustrated)	915053	1
101.	Damper	915041	2
102.	Bolt - M8 x 60	09371	4
103.	Washer - M8 Plain	09475	8
104.	Nut - M8 Nyloc	09442	4
105.	Cap - M8 Nut	234051	4
106.	Trim - Roof Panel	915042	1
107.	Window - Front	915043	1
108.	Motor - Wiper	915044	1
109.	Washer - Plastic	74-07-117	1
110.	Washer - Plastic	74-07-115	1
111.	Washer - Elbow	74-07-096	1
112.	Bush - Plastic Diameter 14mm Hole	74-07-114	1
113.	Bush - Plastic Diameter 16mm Hole	74-07-116	1
114.	Wiper - Blade CWP 40 - 20"	74-07-080	1



INTRODUCTION

To assemble the Cab to the LT322 and LT324 you will require Cab Code 917P and Fitting Kit Code 919R.

Check that all parts have been correctly supplied. Check against the Delivery Check List on page 1.10-1.11.

Note: Some parts of the fitting kit are pre-assembled.



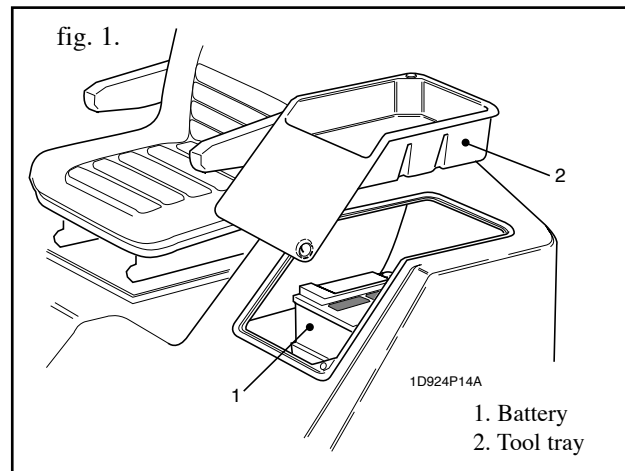
⚠ WARNING: PREVENT ACCIDENTS - It is essential to have a suitable lifting device with a safe capacity of 350kg.
- Always wear eye protection when drilling.

The cab must be fitted by an authorised Hayter dealer.

ASSEMBLY

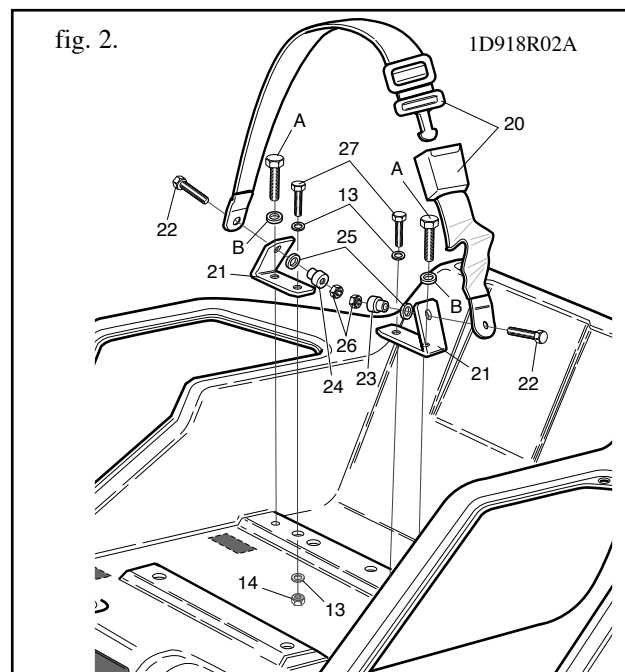
Read and understand the assembly instructions before proceeding. Refer to the Spare Parts List and the LT322 or LT324 Operators Manual and proceed as follows:

1. Lower all cutterheads to the ground.
2. Apply the parking brake, switch off the engine and remove the ignition key.
3. Remove the plastic tool tray from the L.H. side of the platform. Refer - fig. 1.
4. Disconnect the battery terminals, first the negative (-ve) and then the positive (+ve).



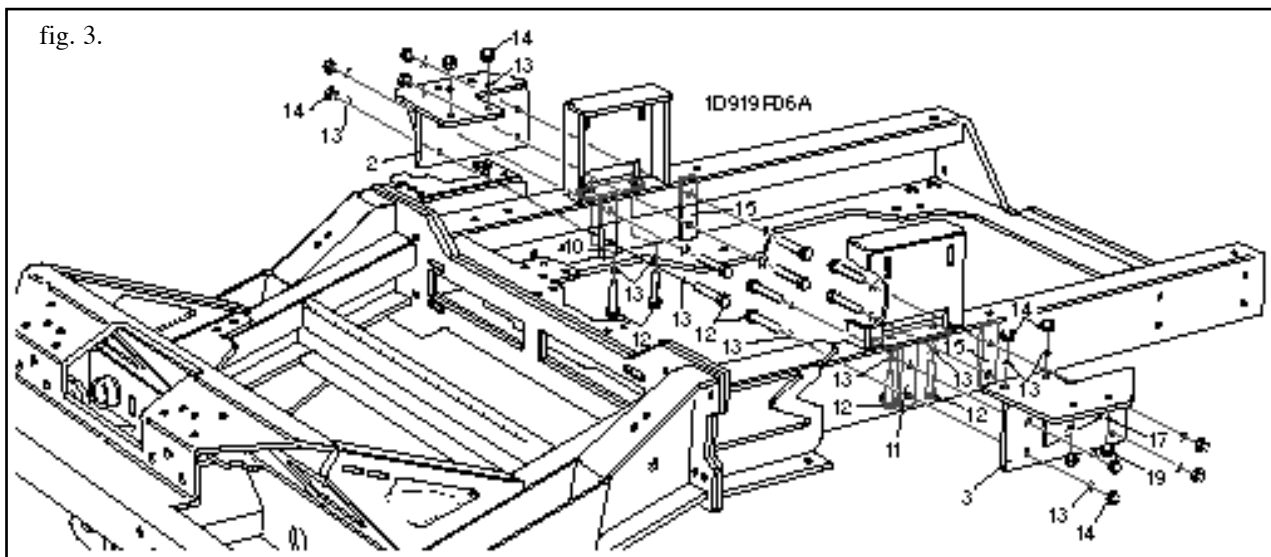
5. Remove the M16 securing bolts and washers (items A, B) and raise the operator platform. Refer - fig 2.
6. Carefully align each seat belt bracket (items 21) with the holes in the platform and secure with M10 fasteners (items 27,13,14) and torque to 43Nm. Ensure that the M16 bolts will fit through the holes in the brackets and the platform.

Attach the seat belts to the seat belt brackets with the 7/16" fasteners (items 22, 23, 24, 25, 26) and torque to 60Nm. Ensure that long spacer (item 23) and the short spacer (item 24) are assembled to the correct sides. Refer - fig. 2.



ASSEMBLY**Continued.**

7. Open the engine cover and remove the side screens.
8. Remove the tool box assembly from the L.H. side of the machine. Discard the fasteners securing the tool box brackets to the chassis. Drill out the two chassis mounting holes on the front tool box bracket to diameter 10.5mm.
9. Remove and discard the rearmost fuel tank mounting fasteners on each side of the machine. (For early LT322 and LT324 Turf Mowers, refer to page 1.20).
10. Locate the backing plates (items 10, 11, 15) to the holes on the inside of the chassis members as shown in fig. 3.
11. Secure the rear L.H. cab support (item 3) to the six positions in the chassis using fasteners (items 12,13 &14). Refer - fig. 3. Do not fully tighten at this stage.
12. Repeat (step 11) for the rear R.H. cab support and reassemble the tool box as described in step '13'.



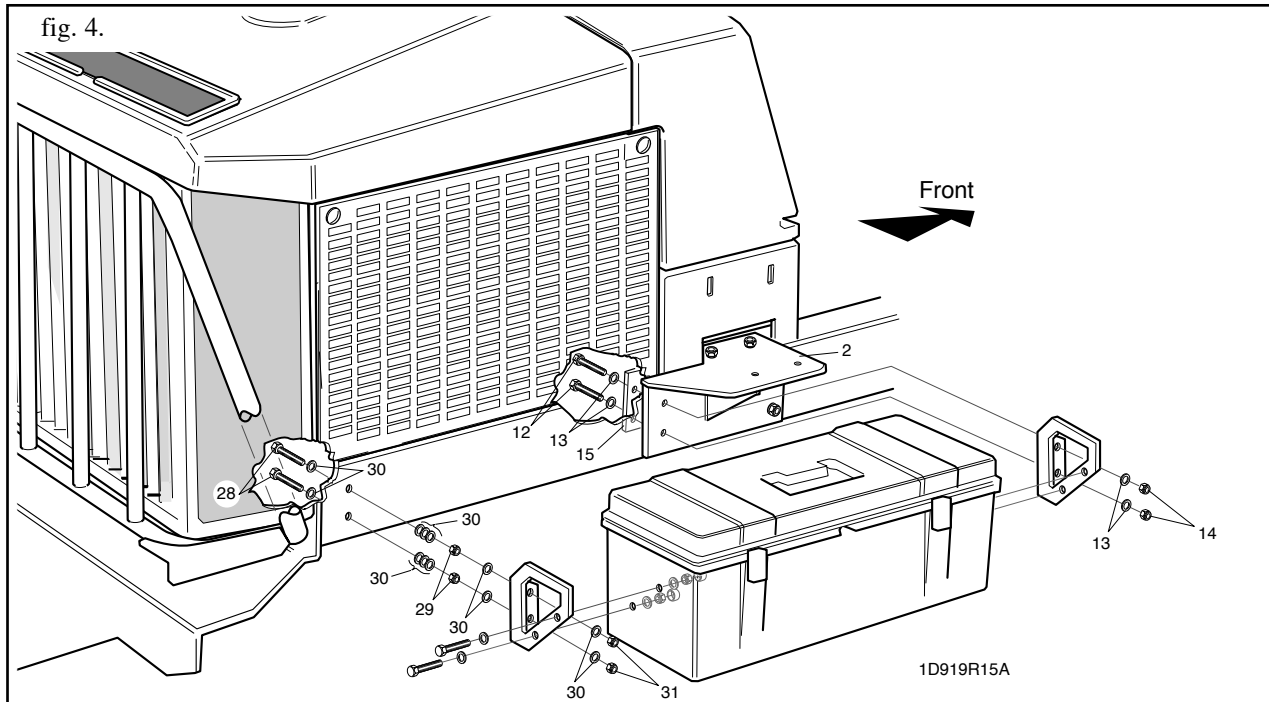
13. Use the M8 fasteners (items 28, 29, 30, 31) to secure the rear tool box bracket in the new position on the R.H. side of the machine and ensure that 3 washers (items 30) are assembled together at the 2 fixing positions as shown. Refer - fig. 4.

Note: If a lighting kit is fitted, discard the fasteners securing the light cluster at the rear of the machine. Re-secure between the chassis and the rear tool box bracket and eliminate 2 of 3 washers referred to above at the 2 fixing positions .

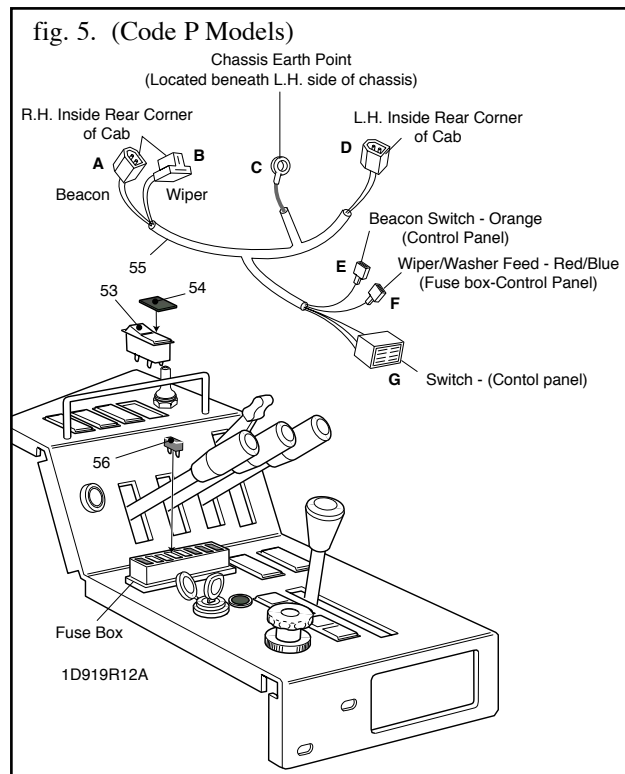
Fit the front tool box bracket with fasteners (items 12, 13, 14) which are used to secure the rear of the R.H. Cab support. Refer - fig. 4.

ASSEMBLY

Continued.



14. Identify the wiring harness, switch, lens, fuse and cable ties (items 53, 54, 55, 56, 57). Refer - figs. 5 and 5A.
15. Thread connectors 'A' and 'B' under the R.H. fuel tank support forward of the cab support bracket.
16. Route the harness across the chassis and thread connector 'D' under the L.H. fuel tank support forward of the cab support bracket.
17. Route ring terminal 'C' to the earth connection point located beneath the L.H. side of the chassis and connect.
18. Route the remaining arm of harness to the control panel.
19. Connect the wiper / washer terminal (red/blue) to the fuse box. Refer - figs. 5 and 5A.
20. If a beacon is fitted (optional kit), connect the beacon terminal (orange) to the beacon switch on the control panel.
21. Remove the wiper/washer switch position blanking cover in the control panel and pass the 8-way connector 'G' through the aperture from the underside. Fit the lens (item 54) to the rocker switch (item 53) and assemble to the 8-way connector. Snap the switch into the control panel. Refer - figs. 5 and 5A.



22. Secure the wiring harness in position with the cable ties (items 57) supplied.
23. Fit the 5 amp fuse (item 56) into the fuse box. Refer - figs. 5 and 5A.

ASSEMBLY**Continued.**

24. Fit the draught excluder and protection strip (items 33, 34) to the rear cab mount (item 32). Fit the washer bottle bracket (item 46) with fasteners (items 47, 48, 49). Refer - fig. 6.
25. Fit the rear cab mount assembly (item 32) over the fuel tank and locate onto the R.H. and L.H. cab support brackets. Secure using fasteners (items 16, 17, 19) but do not tighten at this stage.
26. Fit the edging strip (item 40) to the cab infill plates (items 39) and assemble these together with the isolator mounts (items 35) to the rear cab mount assembly with fasteners (items 37, 13, 14). Tighten until the infill plates just move. Refer - fig. 6.
27. Route the wiring harness leads on each side of the machine up in front of the rear cab mount assembly and through the slots in the cab infill plates.
28. Lower the platform.
29. Secure the pivot block and mount assemblies (items 7) to the chassis with M12 fasteners (items 16, 17, 18) and torque to 75Nm. Refer - fig 7.

fig. 5A. (Code S Models)

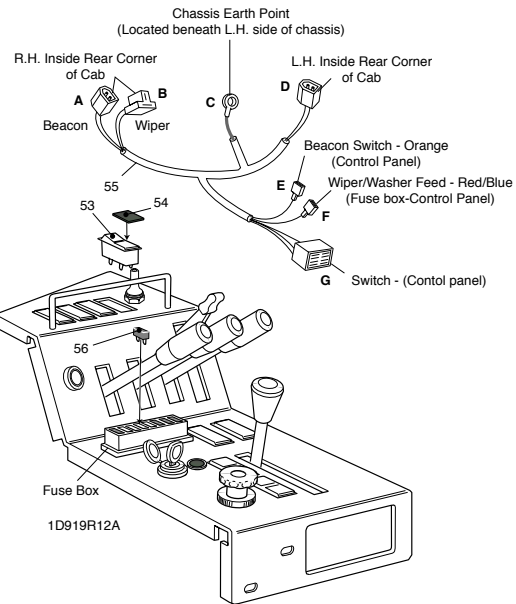


fig. 6.

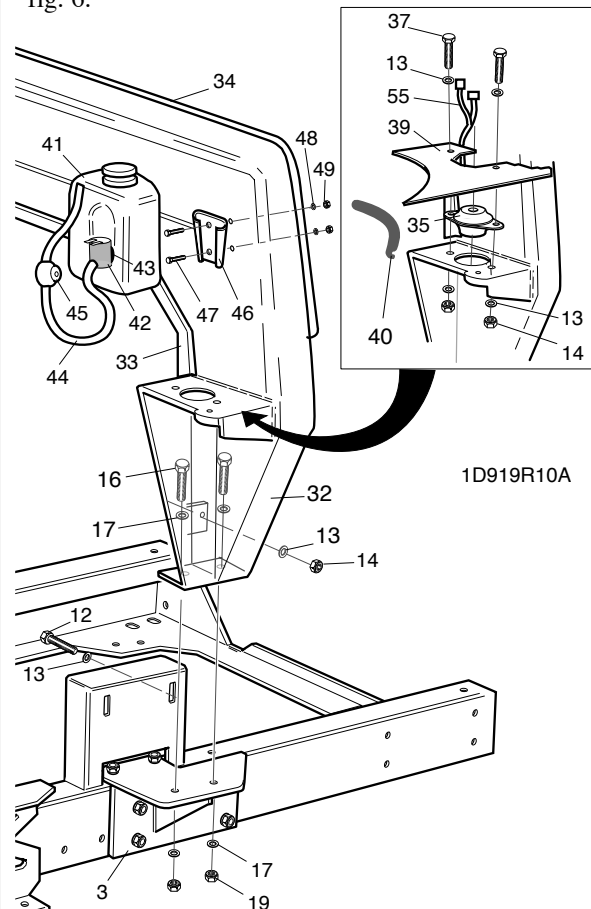
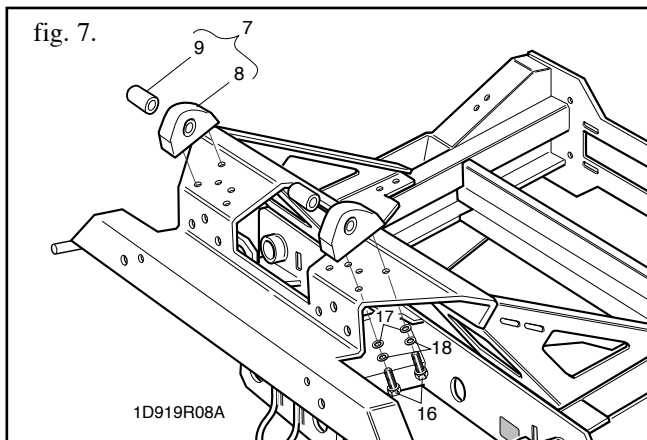


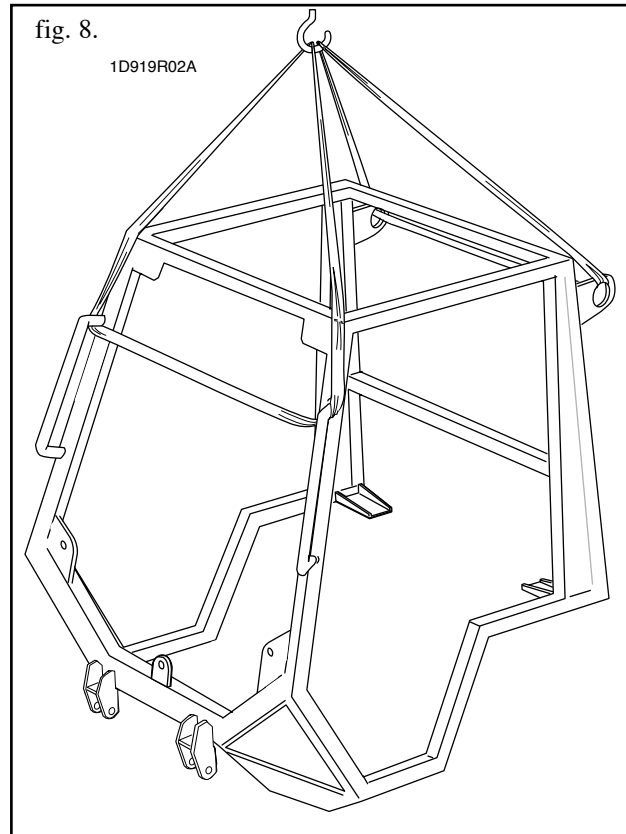
fig. 7.



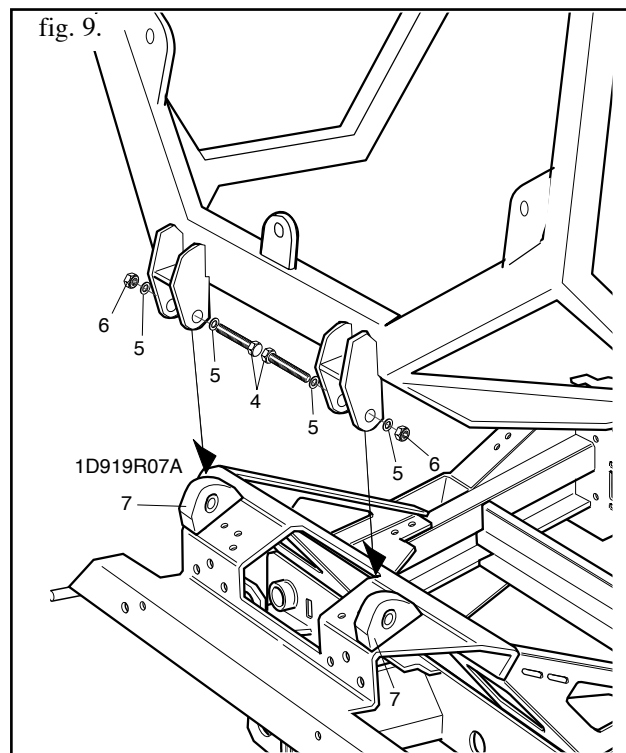
ASSEMBLY**Continued.**

30. Using suitable lifting equipment (capable of lifting in excess of 350Kg safely), carefully raise the cab frame assembly from the transport frame using suitable lifting straps as shown in fig. 8.

The transport frame should be returned to Hayter Limited for re-use.

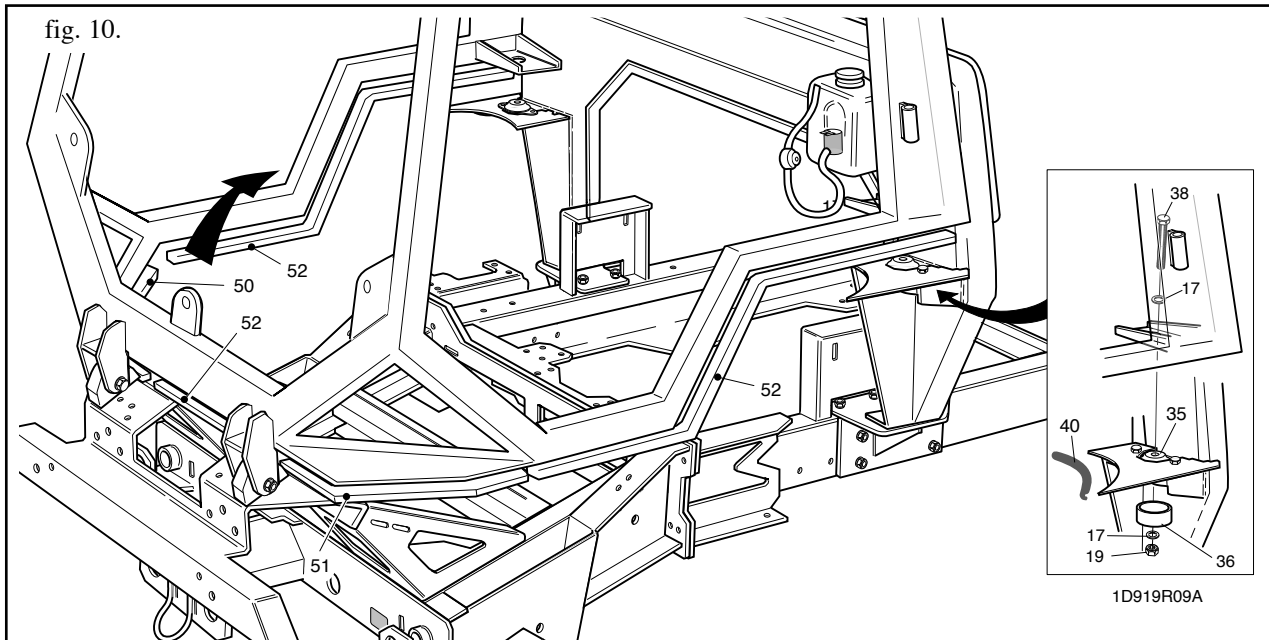


31. Carefully align the cab frame assembly with the machine and pivot blocks (items 7) and secure using M16 fasteners (items 4, 5, 6), but do not tighten fully at this stage. Refer - fig. 9.



ASSEMBLY**Continued.**

32. Fit the R.H and L.H. front lower trims (items 50, 51) and foam strips (items 52) to the base of the cab frame. Refer - fig.10.
33. Support the weight of the cab with the lifting equipment and rotate the cab frame rearwards to locate onto the rear isolator mounts (items 35). Refer - fig. 10.



34. Align The rear isolator mount assemblies by adjusting the bracketry until they are in good central alignment with the cab fixings.
35. Secure the cab assembly to the rear mounts using fasteners (items 38, 17,19) and ensure that the mount retainers (items 36) are correctly located. **Note:** It is essential that the rear mount retainers are fitted.
36. Tighten all fasteners to the recommended torques shown below. Ensure that the rear mounts remain correctly aligned and that the R.H. and L.H. infill plates are correctly located against the platform. Refit the platform securing bolts and washers.
 Tightening torques: M10 fasteners - 43Nm.
 M12 fasteners - 75Nm.
 M16 fasteners - 190Nm.
 Platform securing bolts - 40Nm.
37. Connect the cab wiring loom connectors to the machine wiring harness connectors.
38. Refit the side screens and close the engine cover.
39. Fill the washer bottle and assemble onto the support bracket.
40. Connect the washer bottle pump connectors to the machine wiring harness connector.
41. Connect the washer bottle tube to the washer bottle pump.
42. Re-connect the battery, first the positive (+ve) and then the (-ve).
43. Refit the plastic tool tray. Refer - fig. 1.
44. Remove the lifting straps.

ASSEMBLY**Continued.**

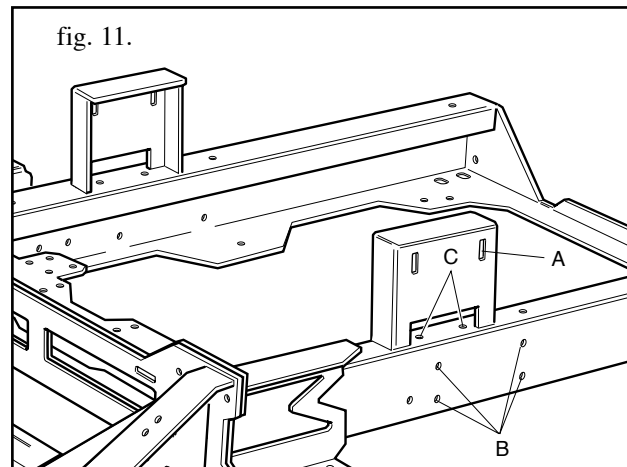
Early LT322 and LT324 Turf Mowers will require some hole sizes to be increased and additional holes to be added to enable the cab to be fitted.

 **WARNING: PREVENT ACCIDENTS - Always wear eye protection when drilling.**

Proceed as follows:-

1. Following removal of the rear fuel tank mounting fasteners (step 9 on page 1.16), file out the slots (A) in the chassis brackets to enable M10 screws to be fitted. Refer - fig. 11.
2. Remove the fuel tank
3. Open out four holes (B) each side of the chassis member to 10.5mm diameter as shown in fig. 11.

Take care when drilling the holes not to damage the hydraulic hoses. It is recommended that a steel plate be inserted between the chassis member being drilled and the hydraulic hoses.



4. Locate the rear cab support R.H. in position and mark the positions of the holes (C) to be drilled in the top of the face of the chassis member. Refer - fig. 11.
5. Repeat step 4 for the rear cab support L.H.
6. Depending on the drilling equipment available, drill 2 - 10.5mm diameter holes in each chassis member or mark the position of the holes on the fuel tank mounting brackets and drill through the brackets to the chassis member.

Take care when drilling the holes not to damage the hydraulic hoses. It is recommended that a steel plate be inserted between the chassis member being drilled and the hydraulic hoses.

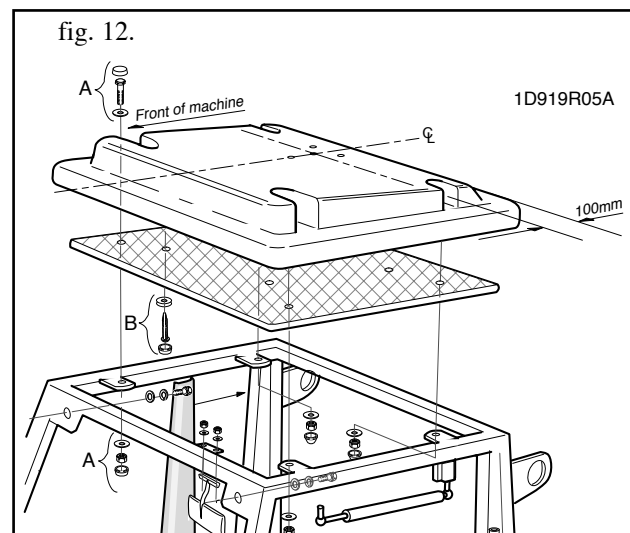
7. Refit the fuel tank and continue to proceed according to the instructions for fitting the cab.

REFITTING THE BEACON

If a beacon kit is required when a cab is fitted it must be assembled to the cab roof. An optional Beacon Kit (Code 926R) is available from your Hayter dealer and full fitting instructions are included.

If a beacon is already fitted to the engine cover of the machine, it must be refitted to the cab roof.

1. Lower all cutterheads to the ground, apply the parking brake, switch off the engine and remove the ignition key.
2. Disconnect the battery terminals, first the negative (-ve) and then the positive (+ve).
3. Pivot the cab and operator platform forwards to gain access to the control panel. Refer to Maintenance.
4. Remove the orange wire from the beacon switch on the control panel and connect the orange wire terminal connector from the wiper/washer harness.
5. Reposition the operator platform and cab but do not replace the securing fasteners at this stage. Refer to Maintenance.
6. Remove the beacon and wiring loom from the machine.
7. Remove the caps from the 5 screws securing the cab roof liner and remove the fixing screws (items B). Refer - fig. 12.
8. Remove the caps from the 4 nuts and bolts securing the cab roof and remove the fastenings (items A). Refer - fig. 12.
9. Remove the roof and liner from the cab.
10. Place the template provided on the cab roof in the dimensioned position indicated in fig. 12 and mark the position of the holes. Carefully drill the required diameter holes as indicated on the template.



WARNING: PREVENT ACCIDENTS - The cab roof is made from glass reinforced plastic. Always wear eye and mouth protection when drilling to prevent contact with the eye or ingestion. In the event of eye contact, wash with running water and seek medical attention if symptoms persist. If swallowed seek medical attention.

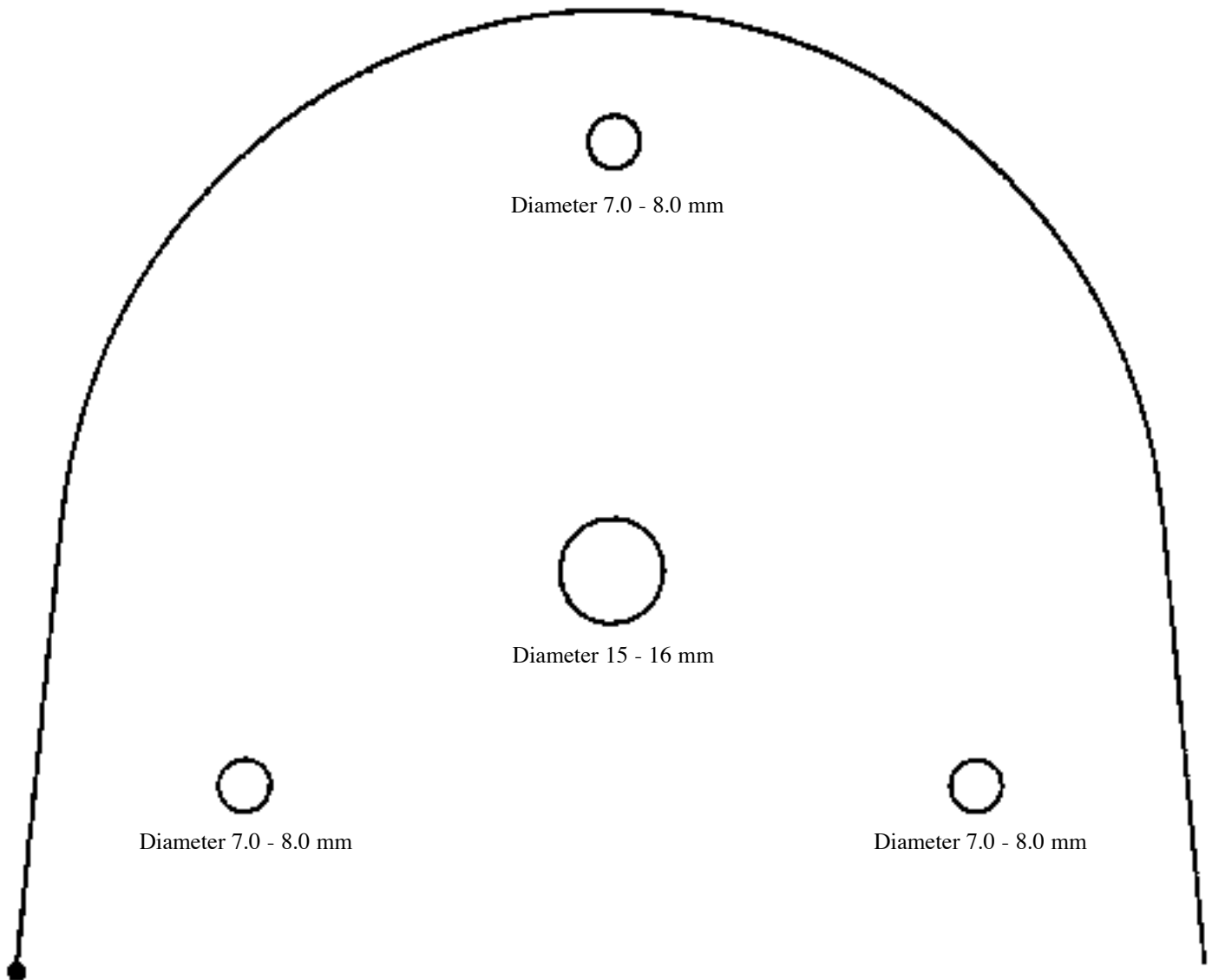
11. Locate the beacon on the roof and route the wires through the centre hole. Peel back the roof liner as necessary and secure the beacon to the roof using the original fasteners and the cable clip removed from the engine cover. Ensure that the cable clip is secured to the L.H. fixing.
12. Connect the beacon wires to the beacon loom previously removed from the machine and route it to the rear R.H. corner of the cab.
13. Reposition the roof onto the cab and ensure that the washer tube and wiper wires are correctly positioned.
14. Refit the roof to the cab using the fasteners and caps previously removed.
15. Route the beacon loom through the hole at the top of the R.H. rear pillar and down the side of the pillar liner. Connect the beacon loom to the wiper/washer harness.
16. Refit the 5 screws and caps to secure the roof liner.

REFITTING THE BEACON**Continued.**

17. Re-connect the battery, first the positive (+ve) and then the (-ve).
18. Rotate the ignition switch to the 'I' position. Depress the beacon switch and check that the beacon rotates and flashes correctly.
19. Finally replace the operator platform securing bolts and torque to the correct settings. (Refer to LT322 or LT324 Operators Manual - Code P Models)
- 19B. Close the operator platform and secure in place with the platform latching mechanism. (Refer to LT322 or LT324 Operators Manual - Code S Models)

BEACON TEMPLATE

Drill 4 holes as shown



COMMISSIONING THE CAB

- Fill the washer bottle with water / windscreen wash fluid.
- Operate the windscreen wiper / washer switch and check for correct operation.
- Lubricate the door pivot points with grease.
- Operate the door mechanism and ensure correct operation.

DAILY

- Check that all nuts and bolts are secure and in good condition.
- Check the condition of the seat belts and replace any parts that are worn or damaged.
- Check that the emergency exits are in full working order.
- Top up the washer bottle fluid if required.

EVERY 250 HOURS

- Lubricate the hinge points and door locks with grease.

HINGING THE CAB FOR MOWER MAINTENANCE

 **WARNING - PREVENT ACCIDENTS:** The following procedures should be performed with the aid of an assistant.

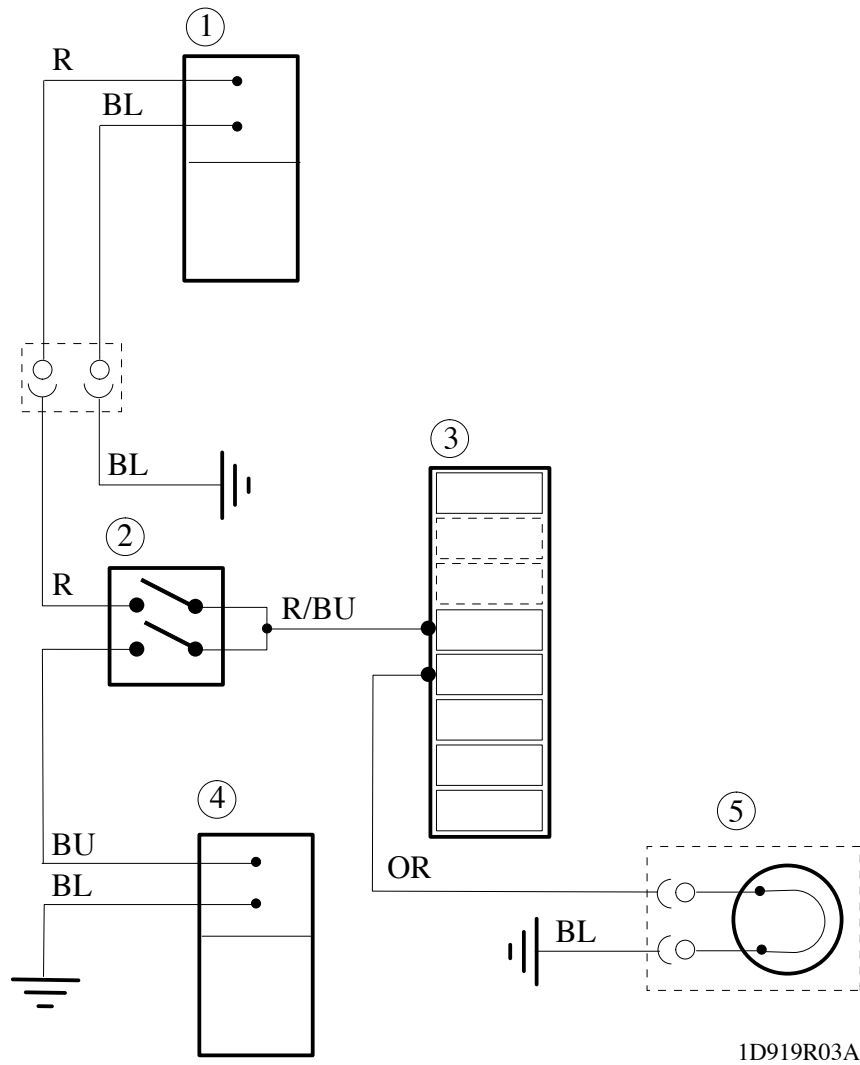
1. Lower all cutterheads to the ground, apply the parking brake, switch off the engine and remove the ignition key.
2. Connect up suitable lifting equipment (capable of lifting 350 kg safely), to the two lifting points at the top of the rear corners of the cab main assembly.
3. Disconnect the wiring connectors inside the rear of the cab.
4. Remove the two bolts securing the rear cab mountings.
5. Carefully raise the rear of the cab away from the machine using the lifting equipment (with another person to assist) and rotate the cab forwards on its front mountings.
6. Support / block the cab safely in the required position.
7. The cab may be refitted by following the above procedure in reverse. Re-assemble the rear mounting bolts and ensure that the mount retainers (items 36) are correctly located. Refer - fig. 10. Tighten the mounting bolts to 75Nm torque.
8. To remove the cab completely from the machine, follow procedures 1 to 5 above, but arrange the lifting straps as shown in fig. 8. Operate the lifting device to support the cab and remove its weight from the front securing bolts. Remove the front mounting bolts and then carefully raise the cab fully away from the machine using the lifting device.

TO RE-ASSEMBLE THE CAB



WARNING - PREVENT ACCIDENTS: The following procedures should be performed with the aid of an assistant.

1. Lower all cutterheads to rest on the ground. Apply the parking brake, switch off the engine and remove the ignition key.
2. Connect up suitable lifting equipment (capable of lifting 350 kg safely) and arrange the lifting straps as shown in fig. 8. Carefully raise the cab and lower into position such that the front mounting points are correctly aligned. Refer - fig. 9. Connect up the front mountings and tighten the bolts to 190 Nm torque.
3. Lower the cab main assembly and allow it to pivot about the front mountings until it is aligned with the rear mountings. Reassemble the mounting bolts and ensure that the mount retainers (items 36) are correctly located. Refer - fig. 10. Tighten the mounting bolts to 75 Nm torque.
4. Disconnect the lifting equipment.
5. Reassemble the wiring connectors inside the rear of the cab.



Key

- 1 - Wiper Motor
- 2 - Switch
- 3 - Fuse Box
- 4 - Washer Pump
- 5 - Beacon

BU - Blue
 BL - Black
 R - Red
 OR - Orange