FM514 / LT312

FULL CAB

Code 917P - Full Cab
Code - 915N - Cab Fitting Kit
Code 941N - Cab Fitting Kit

INSTRUCTION MANUAL

FROM SERIAL NO: 915N001001 / 941N001001 / 917P001001
ISSUE 21.04.97

MANUAL PART NO: 915002 REV (.3.)

ATTENTION

THIS SYMBOL MEANS
BE ALERT !

YOUR SAFETY IS INVOLVED

THE CAB IS FOR USE ON THE FM514 FAIRWAY MOWER AND LT312 TURF MOWER

READ THIS MANUAL BEFORE FITTING THE CAB, IT IS ESSENTIAL THAT OPERATORS' STUDY IT FOR THEIR OWN SAFETY.

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CONTENTS	Page No.

INTRODUCTION

The full cab is designed to be fitted to the Hayter FM514 Fairway Mower and LT312 Triple Turf Mower to provide the operator with weather protection. Limited safety protection in the event of a roll-over is provided through the incorporation of a roll-over protective structure (ROPS), this allows the mowers to be used on slopes up to a maximum of 22 degrees depending on ground conditions. To ensure safety the seat belt must always be correctly fitted and worn by the operator.

This manual which contains advice on the correct assembly and operation of the full cab is offered for guidance and protection of those operating and servicing the equipment.

The full cab must only be fitted to a Hayter FM514 or LT312 by an authorised Hayter Dealer.

In the pursuit of continuous product development 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 manufacturers warranty.

Engine manufacturers furnish their own warranties and provide services through their authorised network. If you experience any difficulty please contact your specialist Hayter dealer.

It is the end user / purchasers responsibility to ensure that the service schedule and **service log book** as applied are acted upon. **HAYTER LIMITED** reserve the right to request inspection of a service record book, where relevant at any reasonable time. Failure to keep the service schedule up to date may invalidate the warranty. Owners should therefore satisfy themselves that the products are operated and serviced correctly, particularly where they are operated on a contract or hire basis.

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 owners handbook or your authorised **Hayter** dealer for assistance when making these adjustments.

To make a warranty claim contact your authorised **Hayter** dealer through whom the machine was originally supplied, indicating the machine 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 and 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 OPERATOR'S STUDY IT FOR THEIR OWN SAFETY.

THESE INSTRUCTIONS ARE IN ADDITION TO THOSE CONTAINED IN THE OPERATORS MANUAL UNLESS OTHERWISE STATED. READ AND UNDERSTAND THE SEPARATE MACHINE OPERATORS MANUAL BEFORE FITTING 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 controls and the use of the equipment.
- Ensure that the specified torque settings are adhered to.
- Do not drill, alter or cut in any way the cab or its mountings.
- 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.
- Pay particular attention to operation due to the additional weight towards the front of the machine.

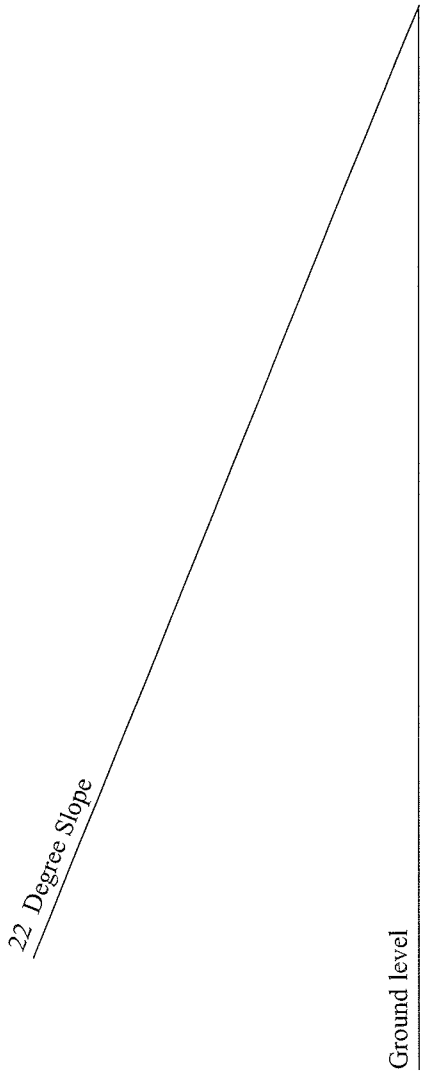
OPERATION ⚠ Continued.

⚠ Do not use the FM514 or LT312 mowers on a slope of more than **22** degrees when fitted with a cab.

⚠ **WARNING: PREVENT ACCIDENTS - Ground conditions affect traction. Particular conditions may not permit safe operation at the side slope limits and pitch 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.
- 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.



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, Bishops Stortford, Herts. CM23 4BU

Machine Code No.	917P / 915N	917P / 941N
Models	LT312 Full Cab - Incorporating a Roll Over Protective Structure.	FM514 Full Cab - Incorporating a Roll Over Protective Structure.

The above machine models are designed to comply with the requirements of the directive 89/392/EEC amended by 91/368/EEC, 93/44/EEC and 93/68/EEC.

Standard used OECD code 4 ISO 3776
The above cab must not be put into service until the machine to which it is to be fitted has been declared in conformity with the provisions of the 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: Date: 21.04.97

M.A. Wright
(Technical Director).

SPECIFICATIONS

	Cab Only	Cab Fitted to Machine (with Cutterheads) LT312	FM514
Overall Height:	1630 mm	2270mm	2270mm
Overall Width:	1325mm	2135mm	2950mm
Overall Length:	1400mm	2540mm	2700mm
Weight:		1320kg	1600kg

Roll Over Safety Structure: Organisation for Economic Co-operation and Development (OECD) Approved to code 4.

Controls: Windscreen wiper - **ON / OFF** Switch
Windscreen washer - **ON / OFF** Switch

Windscreen Washer Bottle Capacity: 1.7 Litres.

GENERAL ASSEMBLY

To assemble the cab code 917P to an FM514 you will require kit code 941N. See General Assembly pages 1.8 - 1.13

To assemble the cab code 917P to an LT312 you will require the kit code 915N. See General Assembly pages 1.14 - 1.19.

Check that parts have been correctly supplied against the parts list.

It is essential to have a suitable lifting device with the capacity to safely lift 350kg.

The cab must only be fitted by an authorised Hayter dealer.

GENERAL ASSEMBLY - FM514

FM514 Full Cab Assembly should proceed in the following manner, refer - Parts List, Figures and the FM514 Parts List as necessary:

1. Lower all cutterheads.
2. Disconnect the battery leads, first the negative and then the positive.
3. Raise the seat and drill 2 - off 11mm diameter holes in the chassis plates as illustrated in fig. 1A.
4. Secure the seatbelt using the bolts,nuts and washers supplied , refer - fig 1B. Ensure that the seatbelt mounting brackets are orientated correctly. Tighten (items 2, 23) to 43 Nm torque.

Fig. 1A - Seat belt mounting holes.

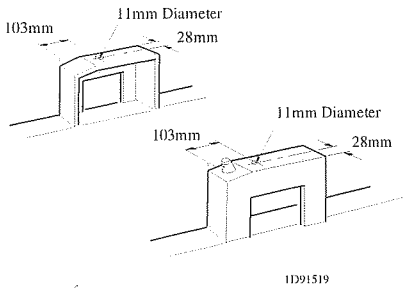
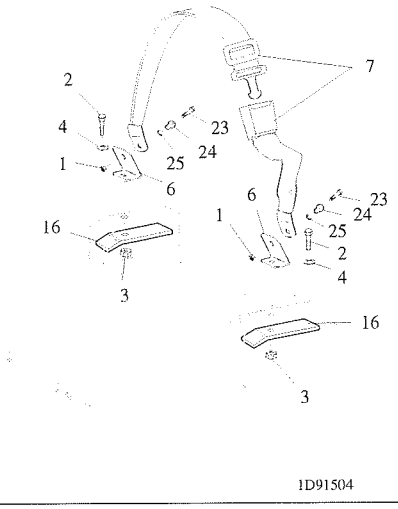


Fig.1B - Seat belt assembly.



GENERAL ASSEMBLY - FM514 Continued.

5. Remove the fixing screws from the control panel. Remove the lift control lever and brake lever knobs. Disconnect the wires from the cutterdrive valve and raise the panel to gain access.

6. Drill a 12mm diameter hole in the control panel - refer fig.1C.

7. Affix the wiper decal (item 10) and assemble the wiper switch and secure with switch cover.

8. Connect the red wire between the wiper switch and the fuse box. Fit the 5 amp fuse (item 5). Connect the black wire between the wiper motor and a black wire connection on one of the relays, refer electrical circuit diagram.

9. Route the wiring together with existing wiring towards the seat and secure with cable ties (item 50). Reassemble the control panel and reconnect the cutterdrive valve wires.

10. Unbolt and remove the front middle transport latch . Drill two 7mm diameter holes into the front middle transport bracket, refer - fig 2A.

11. Assemble the new latch (item 105), using fasteners from existing latch, secure the chain and the 'R' clip , refer - fig 2B.

Fig. 1C - Control panel hole position (wiper switch).

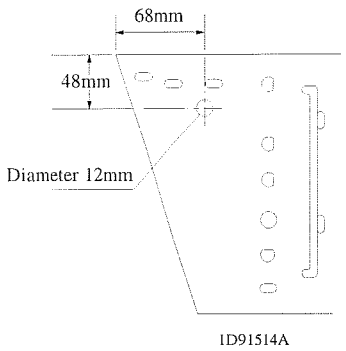


Fig. 2A - Front middle transport bracket.

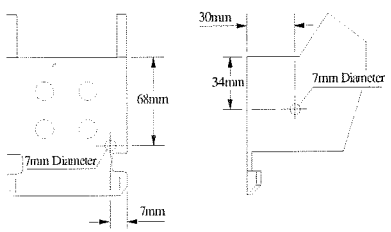
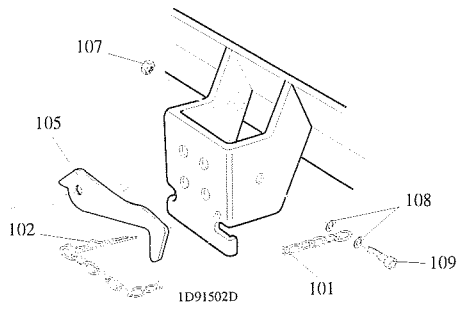


Fig. 2B - New latch assembly.



GENERAL ASSEMBLY - FM514 Continued.

12. Remove 4-off M8 button head screws securing the front of the floor panel. Drill out the two inner holes to 13mm diameter, refer - fig 3A.

13. Align the left and right front brackets (items 103,104) to the front of the chassis and secure using M12 fasteners (items 110,111) through the inner holes. Check that the dimension across the outside holes is 463mm. Mark the position of the remaining six holes, remove the brackets and drill the six 13mm diameter holes in the chassis, refer - fig 3B.

Fig. 3A - Drill out two inner holes.

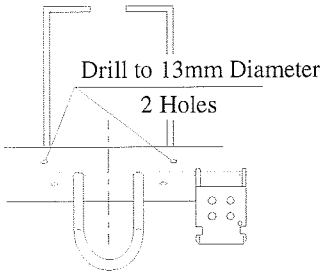
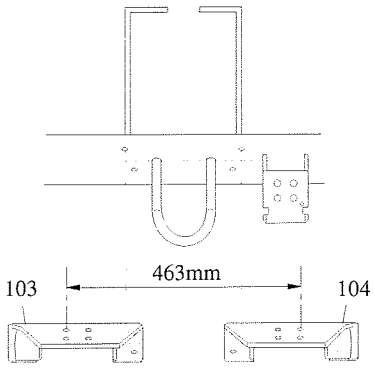


Fig. 3B - Front bracket hole positions.



14. Assemble the front mounts (items 32) to the front brackets using 4-off M12 x 35 setscrews, and spring washers, refer - fig 4A. Tighten to 75 Nm torque.

15. Secure the front bracket assemblies to the chassis using 8-off M12 x 35 setscrews, plain washers and nuts, refer - fig 4B. Tighten to 75 Nm torque.

Fig. 4A - Front mounts assembly.

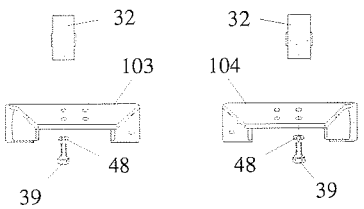
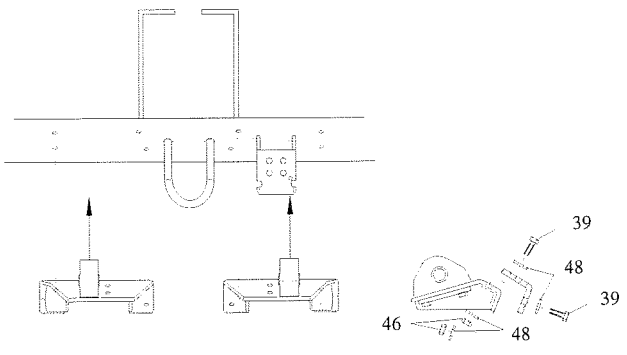


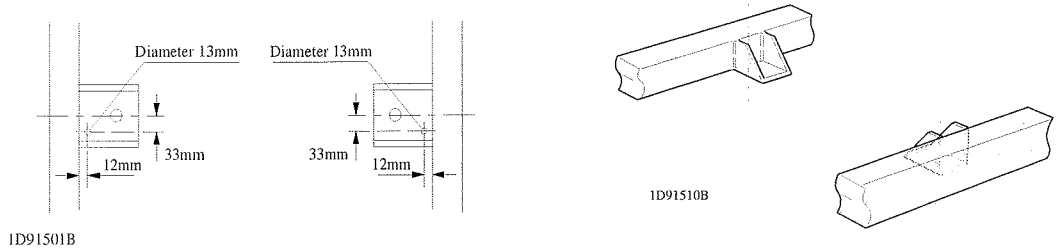
Fig. 4B - Front bracket assembly.



GENERAL ASSEMBLY - FM514 Continued.

16. Drill two 13mm diameter holes in the front engine mounting brackets, refer - fig 5.

Fig. 5 - Holes in the front engine mounting brackets.



17. Remove the 2 rearmost setscrews, nuts and washers securing the fuel tank and hour meter to the chassis, refer - fig 6.

18. Affix the foam strip sections (items 42) and the LH / RH trim seals (items 29, 30) to the bottom of the cab frame, refer - fig 7.

Fig. 6 - Remove rear setscrews.

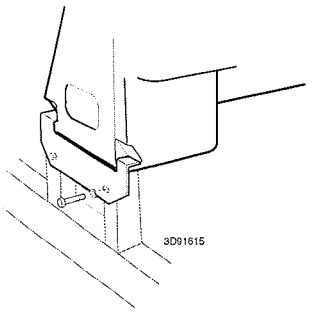
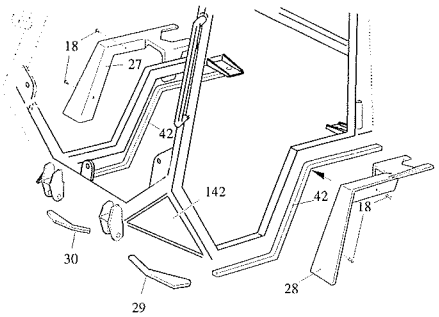


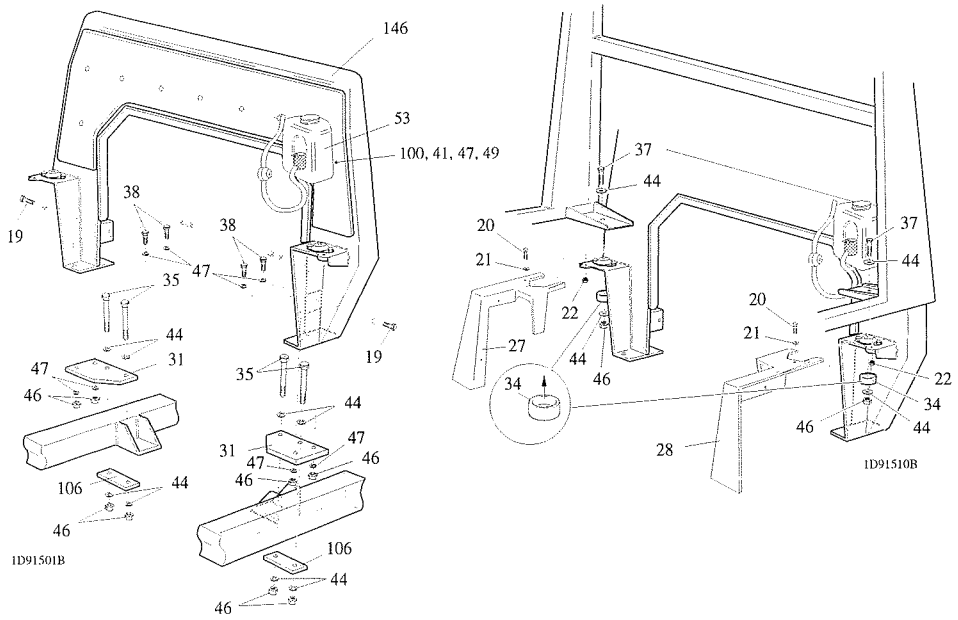
Fig. 7 - Foam strip sections & trim seals.



GENERAL ASSEMBLY - FM514 Continued.

19. Assemble the rear mount assembly (item146) and mounting plates (items 31, 106) to the chassis using the fasteners supplied, refer - fig 8. Do not tighten the fasteners at this stage as it may be necessary to move this assembly to align with the main cab assembly at stage 22. Assemble the washer bottle (item 53) using bracket (item 100), setscrews (item 41), washers (item 47) and nuts (item 49).

Fig. 8 - Rear mount assembly.



20. Using suitable lifting equipment (capable of lifting in excess of 350 kg safety), carefully raise the cab main assembly by securing lifting ropes to the two lifting points at the top rear corners of the cab main assembly and the two grab handles on the front corner posts, refer - fig 9.

Fig. 9 - Lifting the cab.

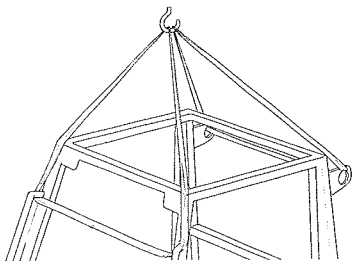
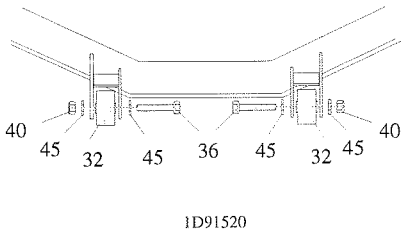


Fig. 10 - Connecting front mountings.



21. Remove the transport frames from the cab assembly (return to Hayter for future use).

22. Carefully align the cab main assembly with the machine. Connect the front mountings using 2-off M16 x 100 bolts, plain washers and nuts (items 36, 40, 45), refer - fig 10. Tighten the bolts to 190 Nm torque.

GENERAL ASSEMBLY - FM514 Continued.

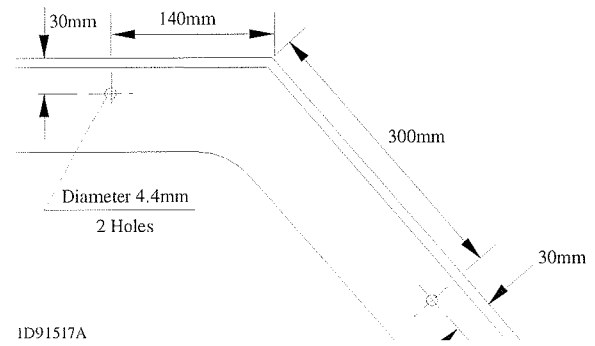
23. Reposition the rear mount assembly as necessary to ensure correct alignment with the cab, loosely fit the rear mounting bolts (items 37), refer - fig 8. Then tighten the M12 bolts (items 35, 38) to 75 Nm torque.

24. Replace the fuel tank mounting rearmost setscrews with M8 x 35 (item 19) and secure the fuel tank and hour meter using existing nuts and washers, refer - fig 8. Tighten the setscrews to 22 Nm torque.

25. Tilt and support the cab forwards slightly. Align the LH and RH side panel (items 27, 28) and secure with M5 x 20 setscrews, washers and nuts (items 20, 21, 22). Lower cab to seal between the main assembly and the machine platform panel, refer - fig 8.

26. Mark the positions for the fixing screws and drill two 4.4mm diameter holes into each of the side panels (items 27 , 28) and machine platform panel, refer - fig 11. Secure each side panel using 2 self tapping screws (items 18), refer - fig 7.

Fig. 11 - Platform panel hole positions.



27. Connect up the wires to the washer bottle pump and the windscreen wiper, refer Full Cab 'Electrical Wiring Diagram'.

28. Connect up the pipe to the washer bottle.

29. If a warning beacon (Hayter part : Kit - Warning Beacon Code 913L) is to be fitted, it must be positioned centrally on the cab roof to ensure correct visibility.

    Note: If a warning beacon is already fitted to the machine engine cover, it must be repositioned on the cab roof to ensure correct visibility.

30. Reconnect the battery leads, first the positive and then the negative.

GENERAL ASSEMBLY - LT312

LT312 Full Cab Assembly should proceed in the following manner, refer - Parts List, Figures and the LT312 Part List as necessary:

1. Lower all cutterheads.
2. Disconnect the battery leads, first the negative and then the positive.
3. Raise the seat and drill 2-off 11mm diameter holes in the chassis plates as illustrated in fig. 1A.
4. Secure the seatbelt using the bolts and washers supplied, refer - fig. 1B. Ensure that the seatbelt mounting brackets are orientated correctly. Tighten (items 2,23) to 43 Nm torque.

Fig. 1A. - Seat belt mounting holes.

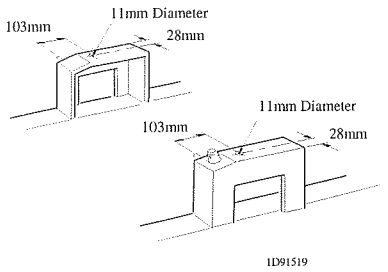
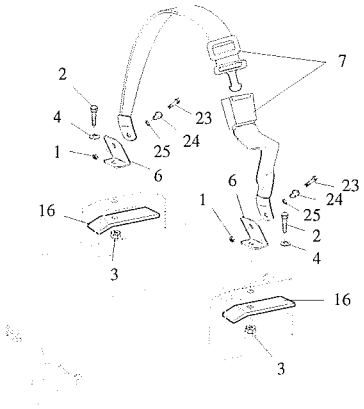
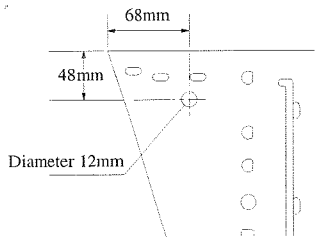


Fig.1B - Seat belt assembly.



5. Remove the fixing screws from the control panel. Remove the lift control and brake lever knobs. Disconnect the wires from the cutterdrive valve and raise the panel to gain access.
6. Drill a 12mm diameter hole in the control panel.
7. Affix the wiper decal (item 10) and assemble the wiper switch and secure with switch cover.
8. Connect the red wire between the wiper switch and the fuse box. Fit the 5 amp fuse (item 5). Connect the black wire between the wiper motor and a black wire connection on one of the relays, refer 'Electrical Circuit Diagram'.
9. Route the wiring together with existing wiring towards the seat and secure with cable ties (items 50). Reassemble the control panel and reconnect the cutterdrive valve wires.

Fig. 1C - Control panel hole position (wiper switch).



GENERAL ASSEMBLY - LT312 Continued.

10. Remove the front lights if they are fitted and reassemble at stage 30.

11. Drill two 14mm diameter holes H1 and H2 in the chassis front member, refer - fig 3A.

12. Temporarily secure the plate - chassis cab channel (item 8) on top of the front chassis member using 2-off M12 x 35 (item 39) setscrews and nyloc nuts (item 46) through the holes drilled in step 10.

    Using the plates chassis cab channel (item 8) as a template, drill out the remaining six 14mm diameter holes in the chassis front member, refer - fig 3A.

    Remove the plate chassis cab channel (item 8) and fasten to the underside of the chassis front member with the return edge to the rear of the machine using 4-off M12 x 35 setscrews (item 39) 4-M12 nyloc nuts (item 46) through the holes H1, H2, H3 and H4, refer - fig 3A.

Fig. 3A - Chassis front member hole drilling.

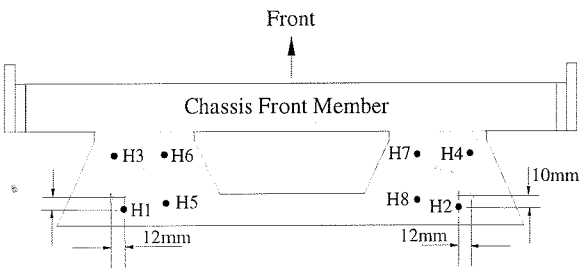
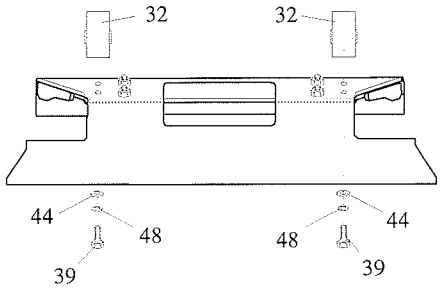


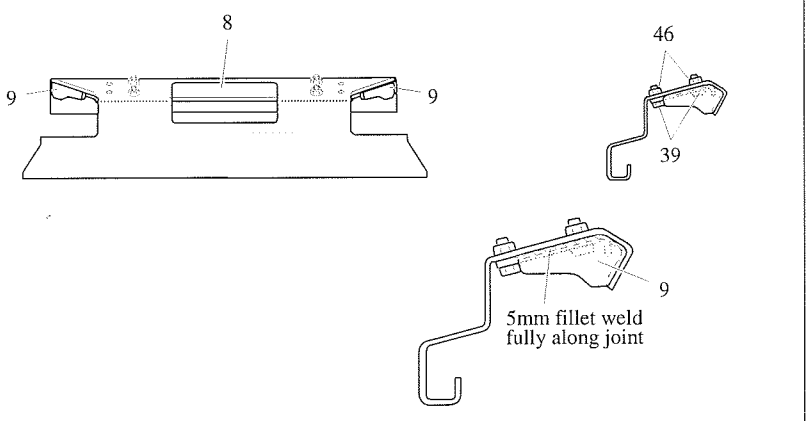
Fig. 3B - Front mounts.



13. Position 2-off profile chassis cab web (item 9) and weld to the chassis with a full continuous 5mm fillet weld along all joints, refer - fig 3C.

14. Secure the front mount assemblies (item 32) to the chassis front member and plate - chassis cab channel using 4-off M12 x 35 screws (item 39), spring washers (item 48) and plain washers (item 44) through holes H5, H6, H7 and H8, refer - fig 3A/3B.

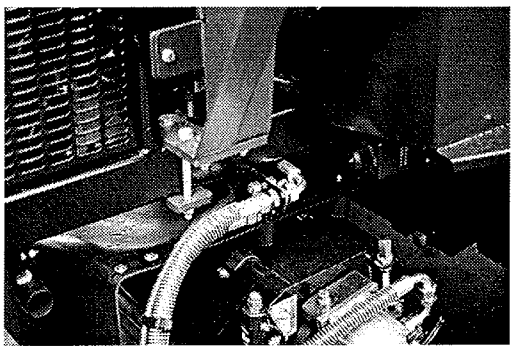
Fig. 3C - Profile - chassis cab welding.



GENERAL ASSEMBLY - LT312 Continued.

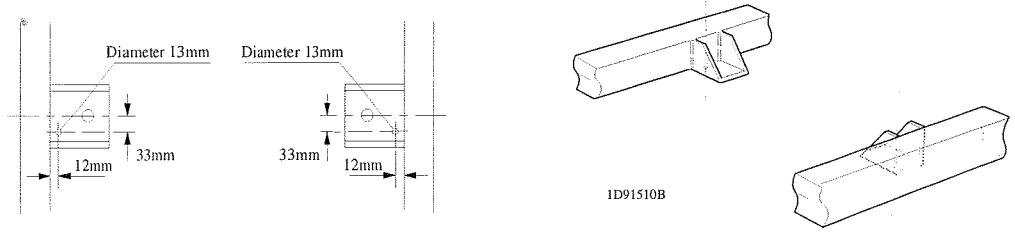
15. Remove the 2-off centre cutterhead motor hydraulic hose bulkhead fittings and reassemble using the bulkhead - motor hose M10 x 30 setscrew, washer, washer large and nyloc nut (items 2, 3, 4, 15 and 52), refer - fig 4.

Fig.4 - Bulkhead fittings.



16. Drill two 13mm diameter holes in the front engine mounting brackets, refer - fig 5.

Fig. 5 - Holes in the front engine mounting brackets.



17. Remove the 2 rearmost setscrews, nuts and washers securing the fuel tank and hour meter to the chassis, refer - fig 6.

18. Affix the foam strip sections (items 42) and the LH/RH trim seals (items 29, 30) to the bottom of the cab frame, refer - fig 7.

Fig. 6 - Remove rear setscrews.

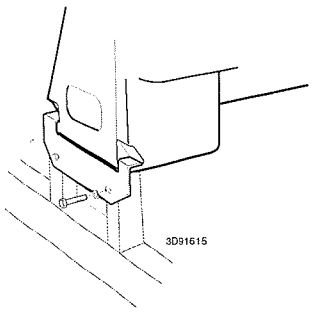
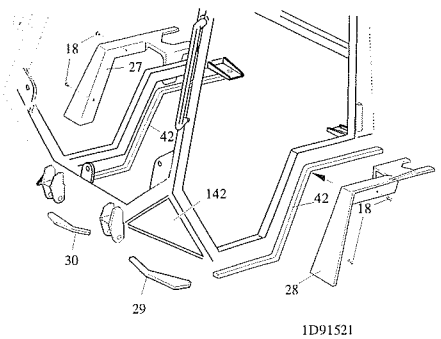


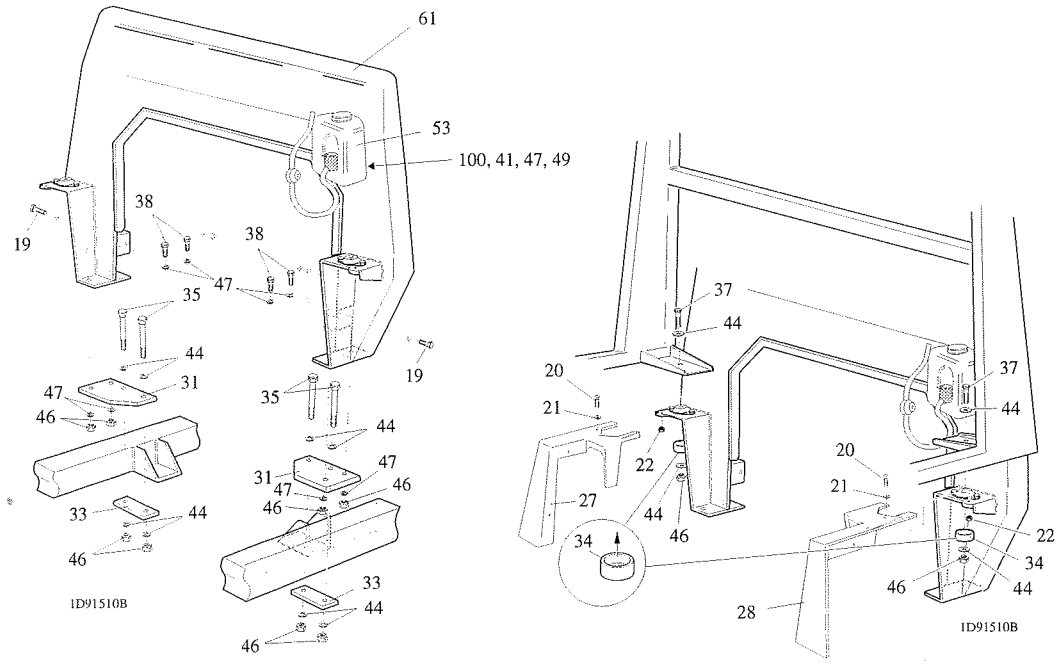
Fig. 7 - Foam strip sections & trim seals.



GENERAL ASSEMBLY - LT312 Continued.

19. Assemble the rear mount assembly (item 61) and mounting plates (items 31, 33) to the chassis using the fasteners supplied, refer - fig 8. Do not tighten the fasteners at this stage as it may be necessary to move this assembly to align with the main cab assembly at stage 22. Assemble washer bottle (item 53) using bracket (item 100), setscrews (item 41), washers (item 47) and nuts (item 49).

Fig. 8 - Rear mount assembly.



20. Using suitable lifting equipment (capable of lifting in excess of 350 Kg safely), carefully raise the cab main assembly by securing lifting ropes to the two lifting points at the top rear corners of the cab main assembly and the two grab handles on the front corner posts, refer - fig 9.

Fig. 9 - Lifting the cab.

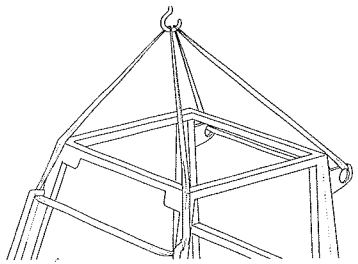
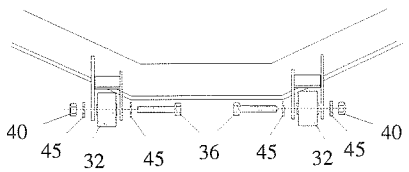


Fig. 10 - Connecting front mountings.



21. Remove the transport frames from the cab assembly (return to Hayter for future use).

22. Carefully align the cab main assembly with the machine. Connect the front mountings using 2-off M16 x 100 bolts, plain washers and nuts (items 36, 40, 45), refer - fig 10. Tighten the bolts to 190 Nm torque.

GENERAL ASSEMBLY - LT312 Continued.

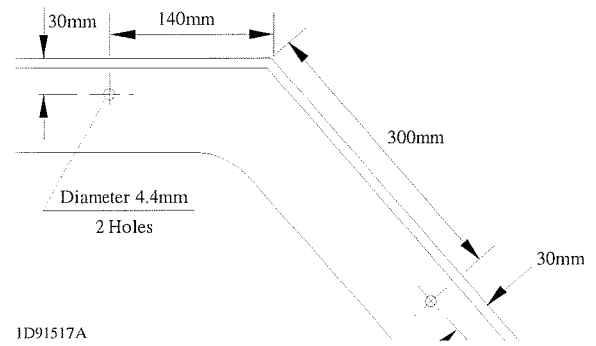
23. Reposition the rear mount assembly as necessary to ensure correct alignment with the cab, loosely fit the rear mounting bolts (items 37), refer - fig 8. Then tighten the M12 bolts (items 35, 38) to 75 Nm torque.

24. Replace the rearmost setscrews with M8 x 35 (item 19) and secure the fuel tank and hour meter using existing nuts and washers, refer - fig 8. Tighten the setscrews to 22 Nm torque.

25. Tilt and support the cab forwards slightly. Align the LH and RH side panel (items 27, 28) and secure with M5 x 20 setscrews, washers and nuts (items 20, 21, 22). Lower cab to seal between the cab main assembly and the machine platform panel, refer - fig 8.

26. Mark the positions for the fixing screws and drill two 4.4mm diameter holes into each of the side panels and machine platform panel, refer - fig 11. Secure each side panel using 2-self tapping screws (item 18), refer - fig 7.

Fig. 11 - Platform panel hole positions.



27. Connect up the wires to the washer bottle pump and the windscreen wiper, refer Full Cab 'Electrical Wiring Diagram'.

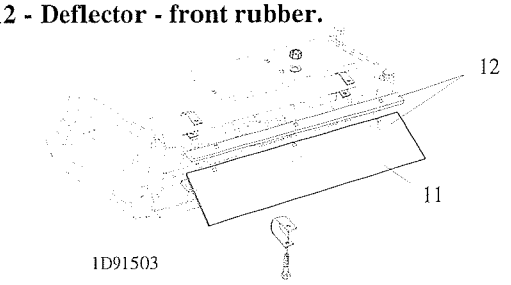
28. Connect up the pipe to the washer bottle.

29. If a warning beacon (Hayter part : Kit - Warning Beacon Code 913L) is to be fitted it must be positioned centrally on the cab roof to ensure correct visibility.

    Note: If a warning beacon is already fitted to the machine engine cover, it must be repositioned on the cab roof to ensure correct visibility.

30. Replace the rear deflectors on the two front cutterheads with 2-off deflector - front rubber (item 11) and 4-off strip - deflector clamp (item 12) using the existing 'U' brackets and fasteners, refer - fig 12.

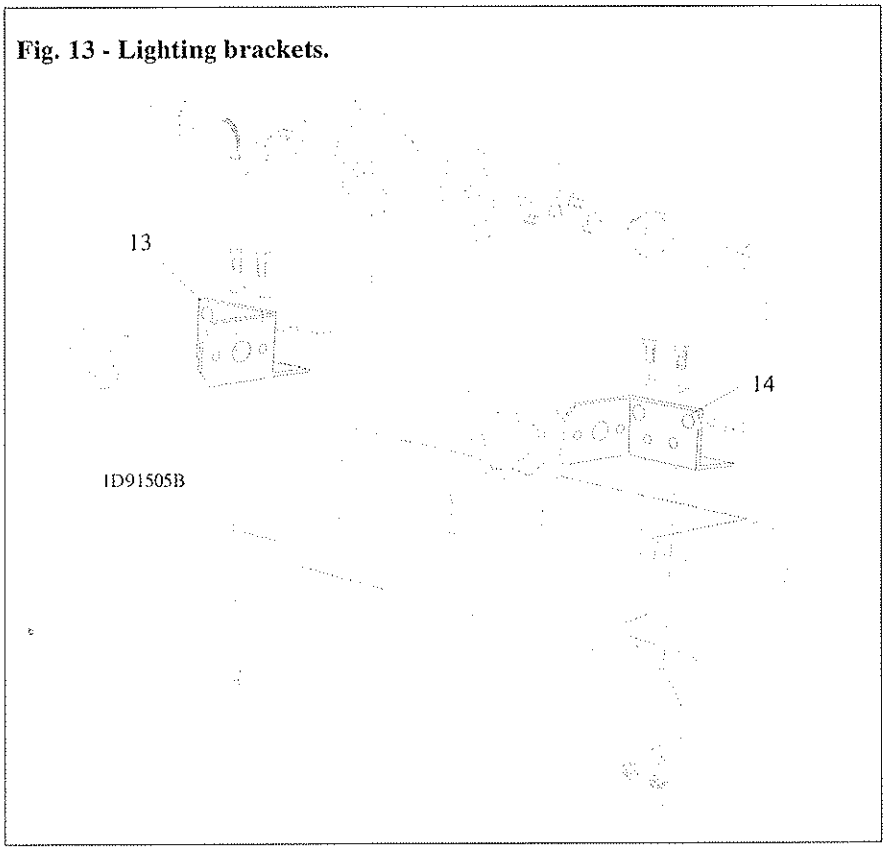
Fig. 12 - Deflector - front rubber.



GENERAL ASSEMBLY - LT312 Continued.

31. If front lights are fitted they must be repositioned onto the front chassis cross member using the brackets - headlamps RH and LH (items 13,14). Drill holes to suit. Refer - fig 1. Re-use existing fasteners.

Fig. 13 - Lighting brackets.



32. Reconnect the battery leads, first the positive and then the negative.

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.

Top up the washer bottle fluid if required.

EVERY 250 HOURS

Lubricate the hinge points and door locks with grease.

REMOVING THE CAB

⚠ **WARNING - PREVENT ACCIDENTS: The following procedures should be performed with an assistant / another person.**

1. Lower all cutterheads to rest on the ground.
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 (item 17).
3. Disconnect the wiring loom.
4. Remove the two bolts securing the rear cab mountings (item 37).
5. Carefully raise the rear of the cab away from the machine using the lifting device (with another person to assist), rotate the cab to pivot forwards on its front mountings.
6. Support / block the cab safely in the required position.
7. To remove the cab completely from the machine, follow procedures 1 to 5 above, then 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.

REASSEMBLING THE CAB

⚠ **WARNING - PREVENT ACCIDENTS: The following procedures should be performed with an assistant / another person.**

1. Lower all cutterheads to rest on the ground.

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 (item 17), and carefully raise the cab. Connect up the front mountings, tighten the bolts to 190 Nm torque.

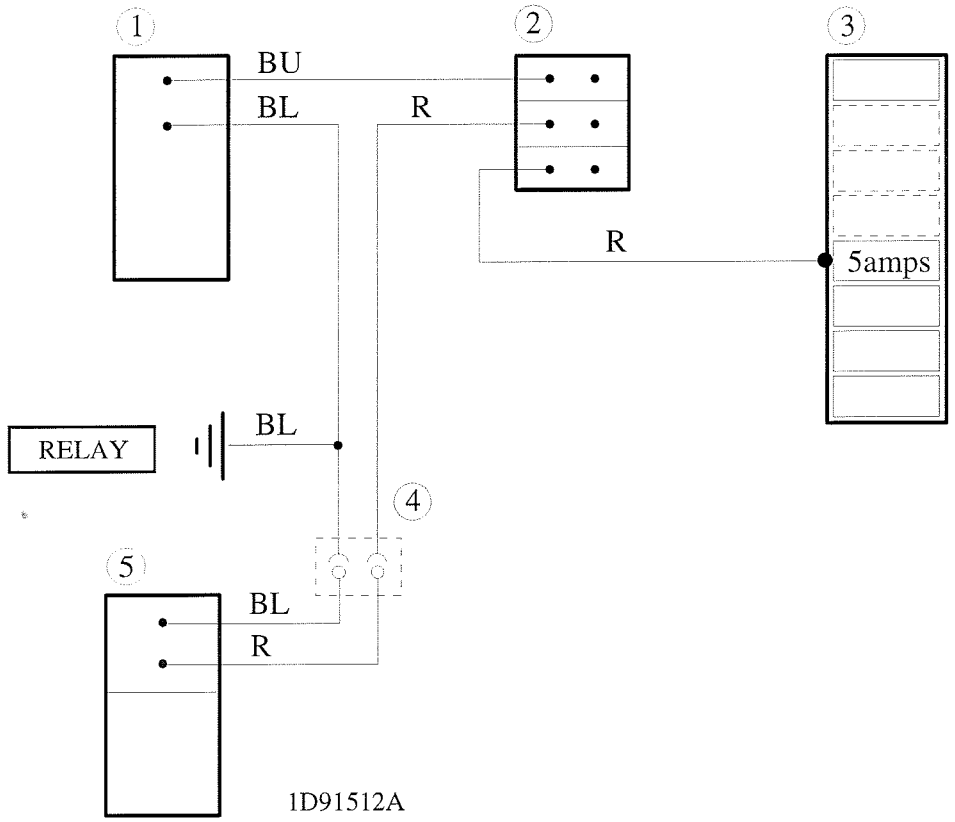
3. Lower the cab main assembly downwards (pivot about the front mountings) and connect up the rear mountings. Tighten the bolts to 75 Nm torque.

4. Disconnect the lifting equipment.

5. Connect up the wiring loom.

ELECTRICAL WIRING DIAGRAMS

BL - Black
BU - Blue
R - Red



1	Washer Pump
2	Switch
3	Fuse Box
4	2 Pin Plate
5	Wiper Motor

PARTS LIST CODES 917P, 941N & 915N

ITEM NO.	DESCRIPTION	PART NO.	QTY
1	Nut - UNF 7/16" Nyl Ins 'P' Type	09222	2
2	Setscrew - M10 x 30.	09392	2
3	Nut - M10 Nyloc.	09447	6
4	Washer - M10 x 21 x 1.5 Thk	09479	10
5	Fuse - 5 Amp	70-09-025	1
6	Bracket - Seat Belt Mounting.	74-01-347W	2
7	Seat Belt - Static (includes items 23, 24, 25).	74-07-043	1
8	Plate - Chassis Cab Channel (LT312 only)	910371W	1
9	Profile Chassis Cab Web (LT312 only)	910372	2
10	Decal - Wiper Switch	915003	1
11	Deflector - Front Rubber (LT312 only) - Not Illustrated.	915010	2
12	Strip - Deflector Clamp (LT312 only).	915011W	4
13	Bracket - Headlamp RH (LT312 only).	915012W	1
14	Bracket - Headlamp LH (LT312 only).	915013W	1
15	Bulkhead - Motor Hose (LT312 only).	915014W	1
16	Plate - Reinforcing.	915015W	2
17	Cab - Sub-Assembly (Not Illustrated).	Code 917P	1
18	Screw - M5 x 12 Self Tapping.	09595	4
19	Setscrew - M8 x 35 Hex. Hd.	ZDH1H035U	2
20	Setscrew - M5 x 20 Hex. Hd.	ZDH1E020U	2
21	Washer - M5 Plain	ZWQ1E000U	2
22	Nut - M5 Nyloc	ZNN1E000U	2
23	Bolt - 7/16" x 1 1/2" UNF (09139)	See Item 7	2
24	Spacer - Seatbelt Bolt	See Item 7	2
25	Washer	See Item 7	2
26	Manual - Operators FM514 / LT312 Cab - Not Illustrated.	915002	1
27	Panel - Side LH	915025	1
28	Panel - Side RH	915026	1
29	Seal - Foam Weather L.H.	919012	1
30	Seal - Foam Weather R.H.	919011	1
31	Plate - Upper Chassis Mount	915019	2
32	Front Mount Assembly	915024	2
33	Plate - Lower Chassis Mount	915020	2
34	Mount Retainer W/A	915023	2
35	Bolt - M12 x 130 Hex. Hd	09691	4
36	Bolt - M16 x 100 Hex. Hd.	ZBH1P100U	2
37	Bolt - M12 x 90 Hex. Hd.	09614	2
38	Setscrew - M12 x 40 Hex. Hd.	09416	4
39	Setscrew M12 x 35 Hex. Hd.	ZDH1L035U	8
40	Nut - M16 Nyloc	09456	2
41	Setscrew - M4 x 20 Hex. Hd.	09656	6
42	Foam Strip	919013	4M
43	Toggle Cover - Not Illustrated	70-09-121	1
44	Washer - M12 Plain	ZWQ1L000U	28
45	Washer - M16 Plain	09491	8
46	Nut - M12 Nyloc	09453	14
47	Washer - M4 Plain	09658	12
48	Washer - M12 Spring	ZWO1L000U	4
49	Nut - M4 Nyloc	09657	6
50	Cable Tie	3966	10

PARTS LIST CODES 917P, 941N & 915N Continued.

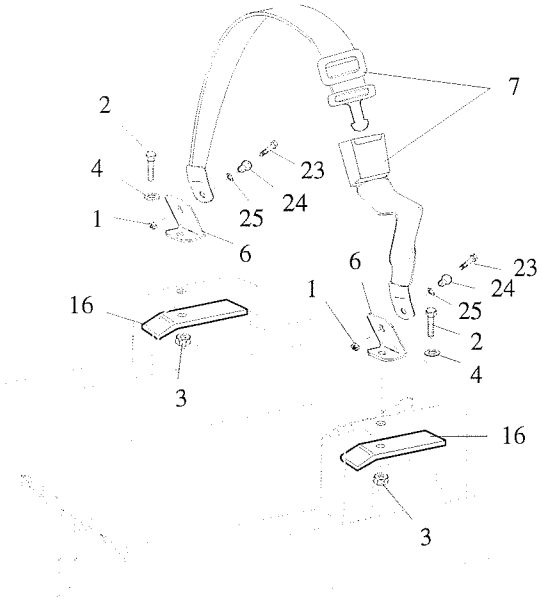
ITEM NO.	DESCRIPTION	PART NO.	QTY
51	Switch Toggle - Not Illustrated	70-09-001	1
52	Washer - Large (LT312 only)	63-01-015	1
53	Washer Bottle	74-07-095	1
54	Pump - Washer	74-07-106	1
55	Tube - 4mm I/D Washer	74-07-084	(Specify length M)
56	Valve - Non Return	74-07-097	1
57	Iso-Mount Cab	74-07-053	2
58	Bolt - M10 x 40mm	09611	4
59	Washer - M10 Plain	09479	8
60	Nut - M10 Nyloc	09447	4
61	Rear Frame W/A - LT312 only	915028	1
62	Seal - Protection Strip 1	74-07-073	(Specify length M)
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 M)
70	Window - Door	915030	2
71	Frame - Door LH	915031	1
72	Frame - Door RH	915032	1
73	Grab Handle	915033	1
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 LH	915038	1
87	Bracket - Striker RH	915039	1
88	Washer - M8 Plain	ZWQ1H000U	4
89	Washer - M8 Spring	09476	4
90	Setscrew - M8 x 25	01362	4
91	Hing - Window	74-07-056	2
92	Pin - Hing	74-07-103	2
93	Circlip	74-07-104	4
94	Washer - Cone	74-07-100	2
95	Wiring Loom - Wiper (Not Illustrated)	915060	1
96	Wiring Loom - Washer Switch (Not Illustrated)	915047	1
97	Cap - M6 Nut	74-07-055	2
98	Window - Rear	915040	1
99	Panel - Roof	915017	1
100	Bracket - Washer Bottle (Not Illustrated)	74-07-098	1

CODE 941N - PARTS LIST

ITEM NO.	DESCRIPTION	PART NO.	QTY
101	Chain - 10 x 20 Twist Link 3442-329	72-07-063	0.5m
102	Clip - Grip S12 4mm Diameter	63-07-020	1
103	Bracket - Pivot RH W/A	941010W	1
104	Bracket - Pivot LH W/A	941011W	1
105	Latch	941015C	1
106	Strap - Bulkhead Securing	941016W	2
107	Nut - M6 Nyloc (Not Illustrated)	09544	1
108	Washer - M6 Plain (Not Illustrated)	09472	2
109	Setscrew - M6 x 25 (Not Illustrated)	ZDH1F025U	1
110	Setscrew - M12 x 35 (Not Illustrated)	09551	8
111	Nut - M12 Nyloc (Not Illustrated)	09650	8
112	Washer - M12 Plain (Not Illustrated)	ZWQ1L000U	16

CODE 915N - PARTS LIST

ITEM NO.	DESCRIPTION	PART NO.	QTY
120	Damper	915041	2
121	Bolt - M8 x 60	09371	4
122	Washer - M8 Plain	09475	8
123	Nut - M8 Nyloc	09442	4
124	Cap - M8 Nut	234051	4
125	Trim - Roof Panel	915042	1
126	Window - Front	915043	1
127	Motor - Wiper	915044	1
128	Washer - Plastic	74-07-117	1
129	Washer - Plastic	74-07-115	1
130	Washer - Elbow	74-07-096	1
131	Bush - Plastic Diameter 14mm Hole	74-07-114	1
132	Bush - Plastic Diameter 16mm Hole	74-07-116	1
133	Wiper - Blade CWB 49 - 20"	74-07-080	1
134	Wiper - Arm Panto	74-07-081	1
135	Switch - Toggle Wiper	70-09-180	1
136	Switch - Cover	70-09-121	1
137	Mirror - Interior	74-07-112	1
138	Decal - Wiper Switch	915003	1
139	Interior Catch - LH	915052	1
140	Interior Catch - RH (Not Illustrated)	915053	1
141	Catch - Over Centre	915045	2
142	Window - Floor LH	915050	1
143	Window - Floor RH (Not Illustrated)	915051	1
144	Trim - Corner Panel RH	915049	1
145	Trim - Corner Panel LH	915048	1
146	Rear Frame W/A - FM514 only	915054	1



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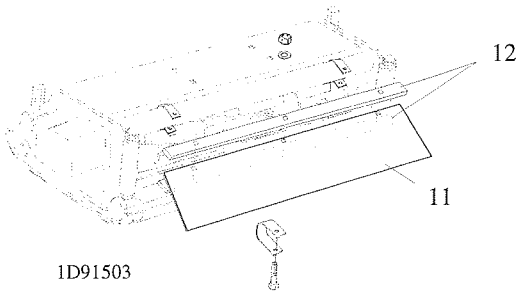

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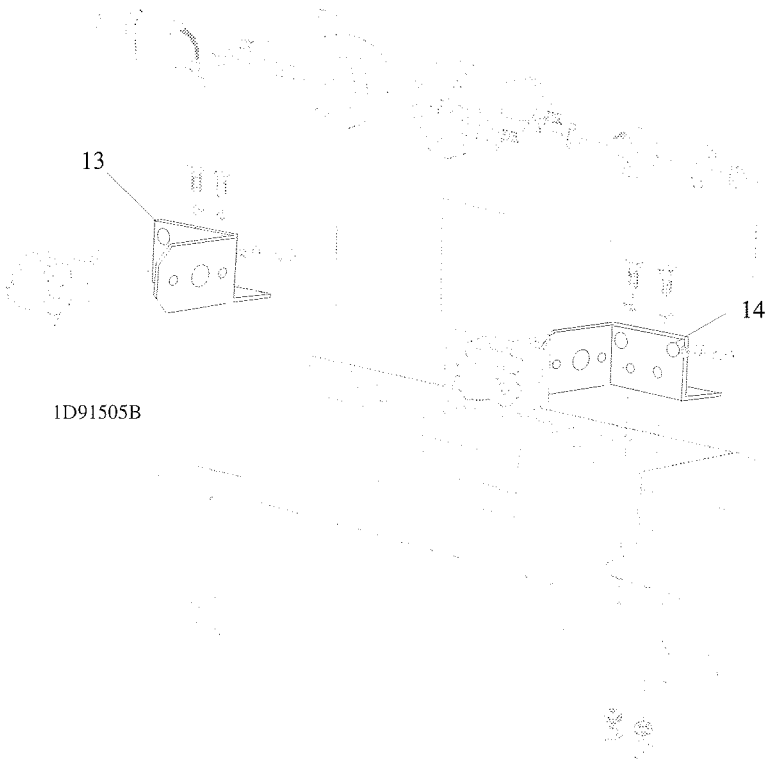

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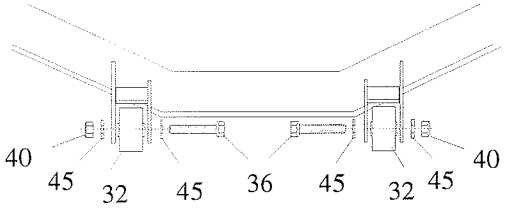

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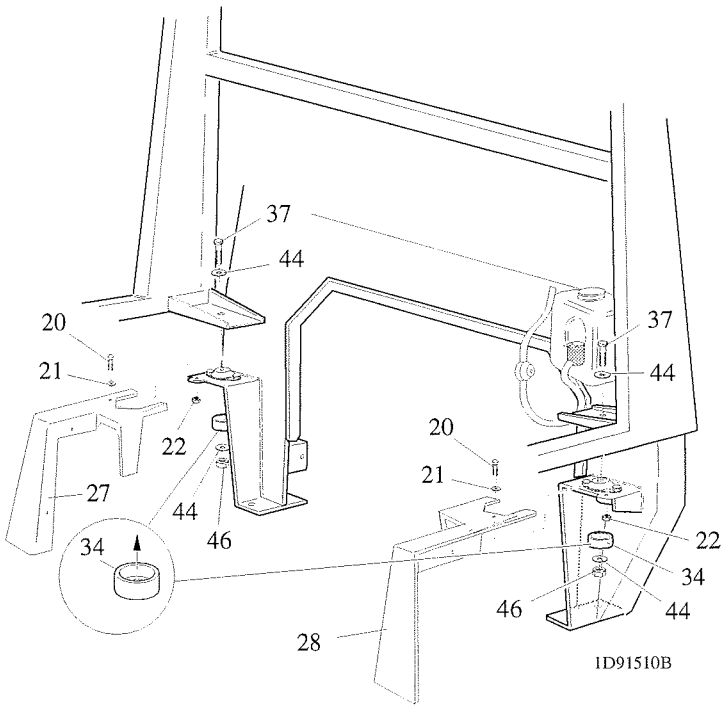

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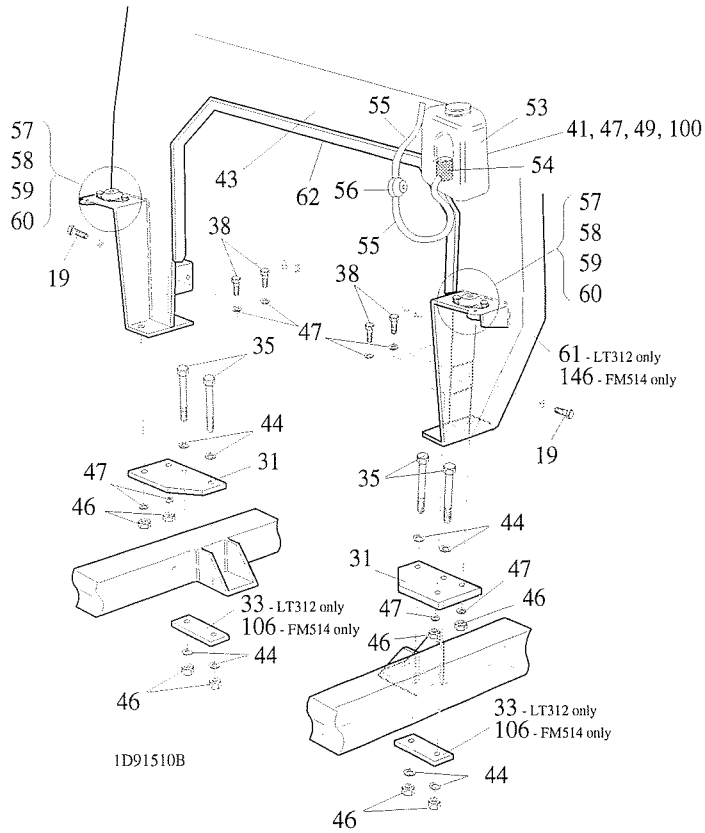

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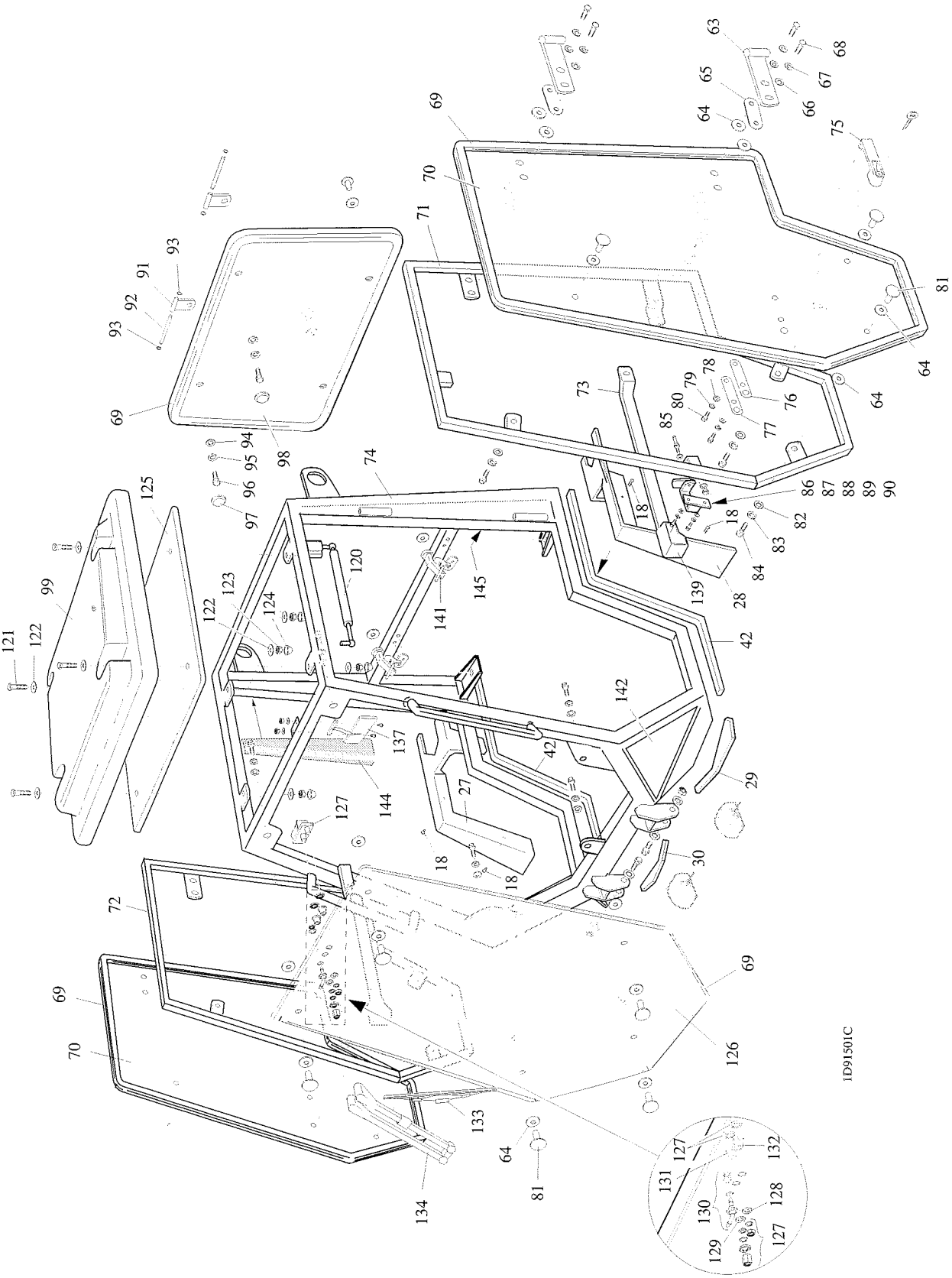
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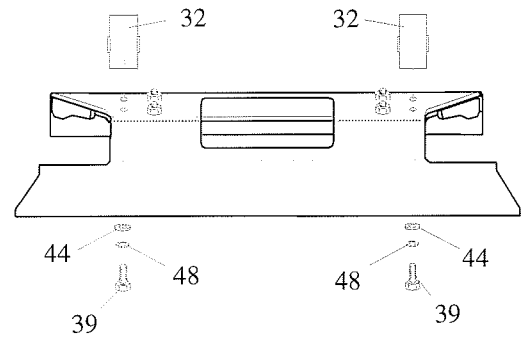
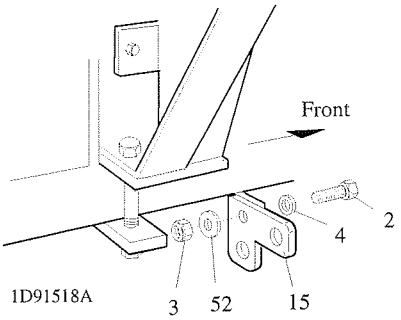
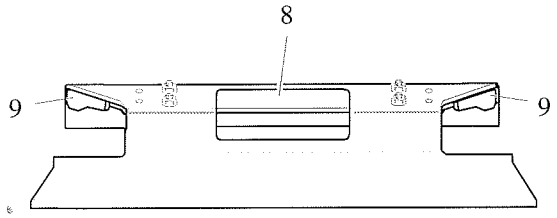
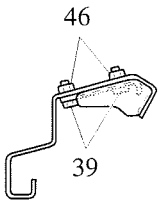
FULL CAB - PARTS LIST (LT312 ONLY)









FULL CAB - PARTS LIST (FM514 ONLY)