

Publication No. **838**

BE

FARMTRIM

Parts Manual

BOMFORD & EVERSHERD LTD BOMFORD & EVERSHERD LTD

IMPORTANT !

NOTE HERE THE SERIAL NUMBER OF YOUR MACHINE
AND ALWAYS QUOTE IT IN ANY COMMUNICATIONS
WITH US OR YOUR DEALER

THIS IS PARTICULARLY IMPORTANT
WHEN ORDERING SPARES, OR QUERIES
REGARDING THIS MANUAL

REMEMBER TO INCLUDE ALL NUMBERS AND LETTERS

MACHINE SERIAL NUMBER

BASE ON MAINFRAME
HEAD ON COWL

THE INFORMATION GIVEN THROUGHOUT THIS MANUAL IS CORRECT
AT THE TIME OF PUBLICATION, HOWEVER IN THE COURSE OF
CONSTANT DEVELOPMENT OF BOMFORD MACHINES, CHANGES IN
SPECIFICATION ARE INEVITABLE

ANYONE FINDING THE INFORMATION GIVEN IN THIS BOOK TO
BE AT VARIANCE WITH THE MACHINE IN HIS POSSESSION IS
ADVISED TO CONTACT THE SERVICE DEPARTMENT WHERE UP TO
DATE INFORMATION WILL BE PROVIDED

NOTE: PAGE AND ILLUSTRATION NUMBERS SHOWN ARE USED ONLY FOR REFERENCE PURPOSES AND SHOULD NOT BE USED FOR ORDERING SPARE PARTS, PLEASE GIVE FULL PART NUMBER AND DESCRIPTION WHEN ORDERING SPARE PARTS

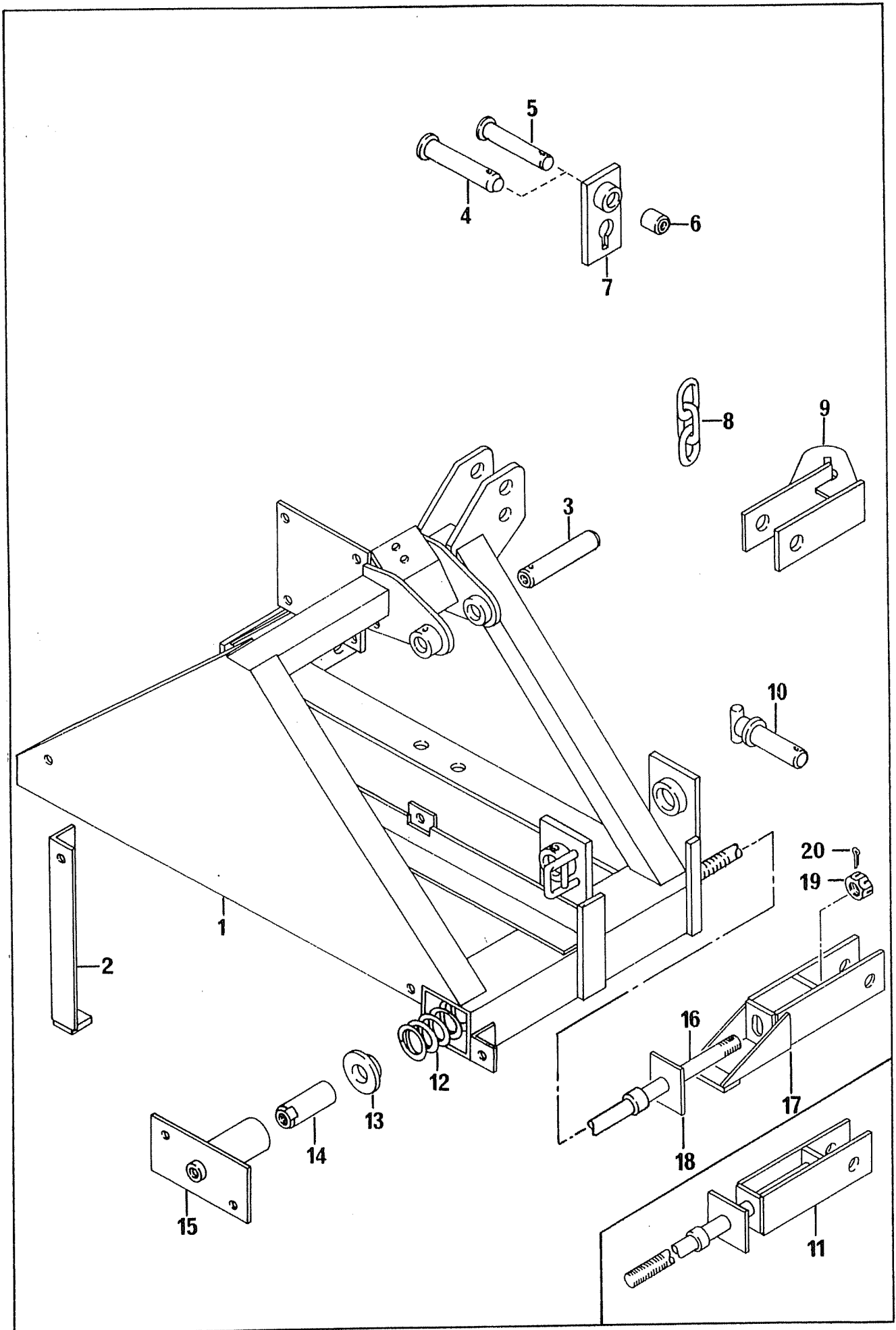
FOR MACHINES WITH SERIAL NUMBERS COMMENCING FROM

MAINFRAME **2466 N**
 COWL **2469 NA**

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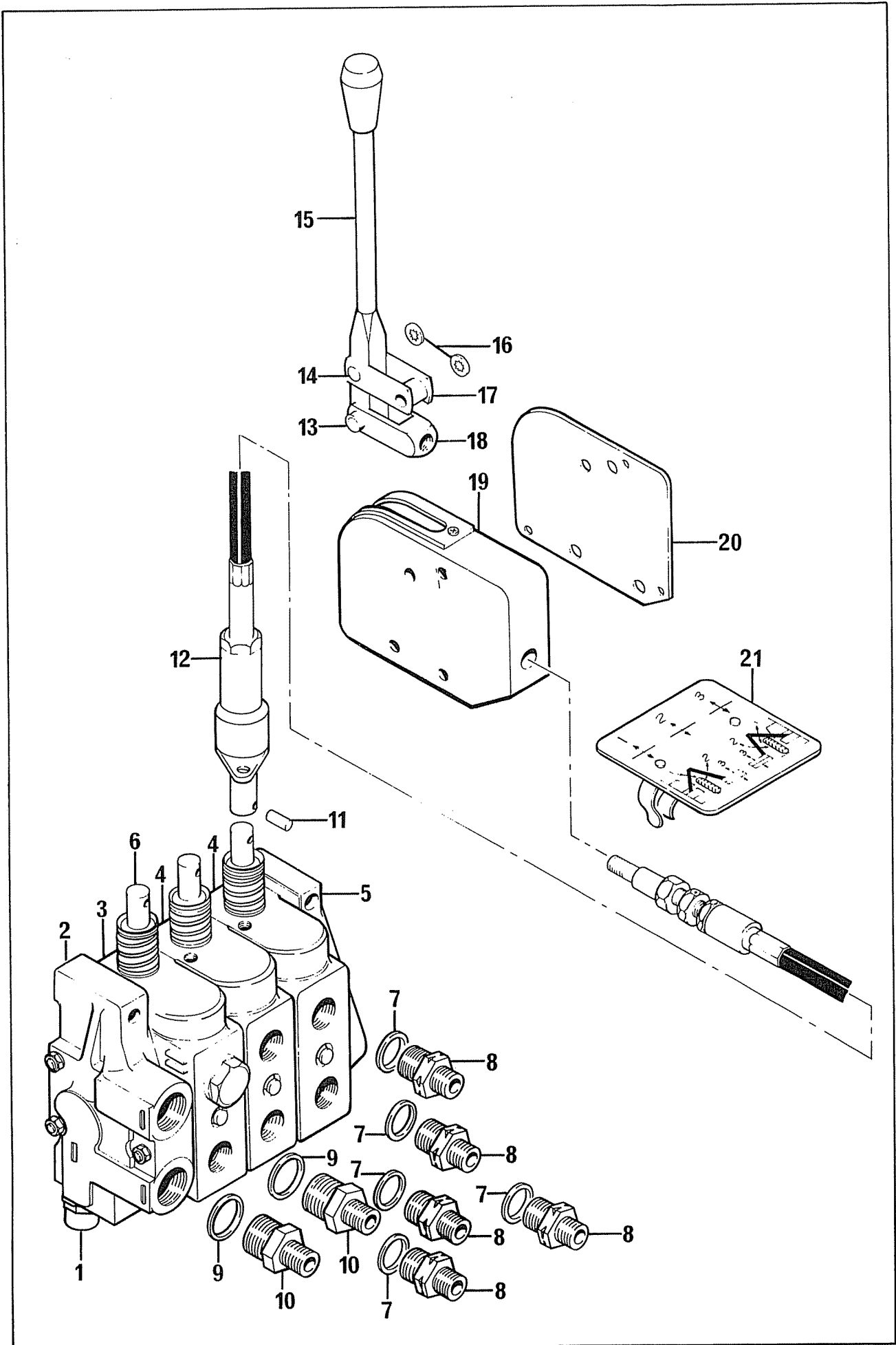
* Where a parts list has necessitated two pages of text the corresponding illustration has been repeated on the facing page purely for convenient referencing



| Ref. | Part No. | Description | Serial No. from - up to | Qty. |
|------|-----------|---|----------------------------|------|
| 1 | 03 853 01 | Mainframe - right hand (as illustrated) | | 1 |
| 1 | 03 853 02 | Mainframe - left hand | | 1 |
| 2 | 03 854 01 | Stand | | 4 |
| | 05 264 23 | Setscrew M12 x 30mm | | 4 |
| | 05 282 03 | Spring washer 12mm | | 4 |
| | 05 286 03 | Nut M12 | | 4 |
| 3 | 03 654 03 | Pin 30mm dia x 140mm | | 1 |
| | 05 201 11 | Tension pin 5mm dia x 45mm | | 1 |
| | 05 953 01 | Grease nipple M6 | | 1 |
| 4 | 03 873 01 | Pin Cat II 1in dia x 105mm | | 1 |
| 5 | 03 874 01 | Pin Cat I 3/4in dia x 95mm | | 1 |
| | 00 372 01 | Linch pin and ring assy | | 2 |
| 6 | 03 872 01 | Bush Cat I 25mm O/D x 3/4in I/D x 30mm | | 1 |
| 7 | 03 868 01 | Stabilizer plate | | 1 |
| 8 | 03 869 01 | Chain 1800mm long | | 1 |
| | 05 790 02 | Anchor hook | | 2 |
| 9 | 03 867 01 | Stabilizer bracket | | 2 |
| 10 | 00 550 02 | Pin Cat II 1.1/8in dia x 98mm | | 2 |
| | 00 372 01 | Linch pin and ring assy | | 2 |
| 11 | 03 848 01 | Use service kit 06 689 01 | | - |
| 12 | 03 865 01 | Breakout spring | | 1 |
| 13 | 03 851 01 | Spring retainer | | 1 |
| 14 | 03 852 01 | Spring adjuster | | 1 |
| 15 | 03 849 01 | Locating plug | | 1 |
| | 05 264 12 | Setscrew M10 x 25mm | | 2 |
| | 05 282 02 | Spring washer 10mm | | 2 |
| | 05 286 02 | Nut M10 | | 2 |
| | 05 953 03 | Grease nipple M10 | | 1 |
| 16 | 06 672 01 | Rod breakout | | 1 |
| 17 | 06 673 01 | Bracket support | | 1 |
| 18 | 06 674 01 | Plate support | | 1 |
| 19 | 05 948 25 | Slotted nut M30 | | 1 |
| 20 | 05 248 27 | Split cotter 6.3mm X 63mm | | 1 |

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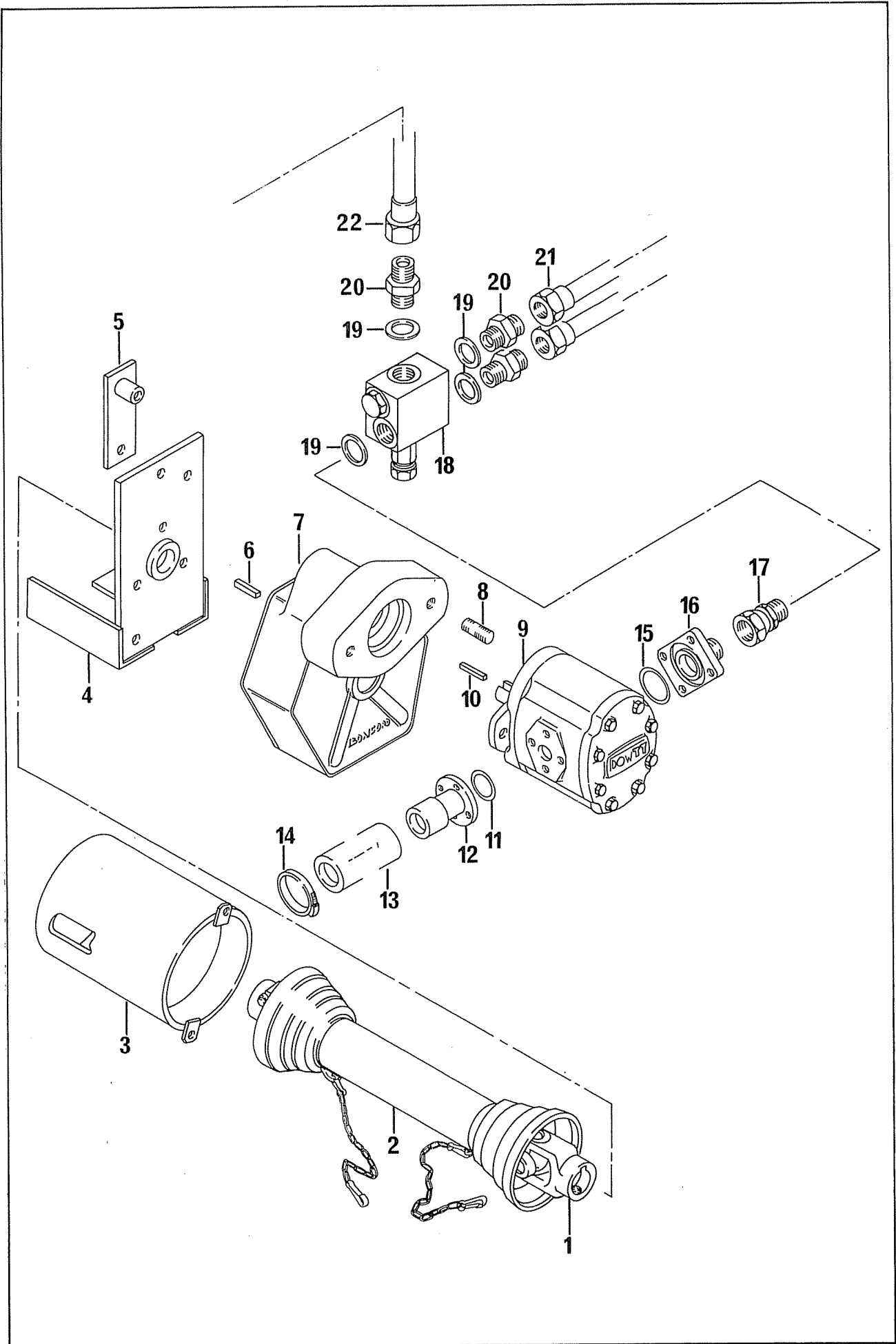
Control Valve And Cable Assembly



| Ref. | Part No. | Description | Serial No. from - up to | Qty. |
|------|-----------|--|----------------------------|------|
| | 01 407 38 | Valve assy 3 spool open centres (Kontak) | | |
| | 01 407 39 | Valve assy 3 spool closed centres (Kontak) | | |
| | 05 449 01 | Seal kit for (01 407 38 & 39) valves | | |
| | 03 469 26 | 2.0m cable and body assy (single) | | |
| | 03 469 28 | 2.0m cable and body assy (three) | | |
| 1 | 01 407 17 | Relief valve assembly | | 1 |
| 2 | 01 407 21 | Inlet block assy | | 1 |
| 3 | 01 407 26 | Single section assy Single acting | | 1 |
| 4 | 01 407 14 | Single section assy Double acting | | 2 |
| 5 | 01 407 20 | End cover assy open centre valve | | 1 |
| | 01 407 15 | End cover assy closed centre valve | | 1 |
| | 05 291 17 | Bolt M10 x 60mm | | 3 |
| | 05 282 02 | Spring washer 10mm | | 3 |
| | 05 286 02 | Nut M10 | | 3 |
| 6 | 03 542 01 | Special adaptor | | 3 |
| 7 | 05 290 05 | Bonded seal 1/2 BSP | | 5 |
| 8 | 01 099 03 | Adaptor 1/2 x 1/4 BSP | | 5 |
| 9 | 05 290 06 | Bonded seal 3/4 BSP | | 2 |
| 10 | 05 128 01 | Adaptor 3/4 x 3/8 BSP | | 2 |
| * 11 | 03 048 08 | Flange pin | | 3 |
| * 12 | 03 469 25 | 2.0m cable assy | | 1 |
| * | 05 836 26 | Pan head screw 1/4 UNC x 3/4in | | 2 |
| * | 05 294 01 | Shakeproof washer 1/4in | | 2 |
| * 13 | 03 469 09 | Pin | | 1 |
| * 14 | 03 469 29 | Pin | | 1 |
| * 15 | 03 469 06 | Handle | | 1 |
| * 16 | 03 469 08 | Shakeproof washer | | 2 |
| * 17 | 03 469 07 | Link | | 1 |
| * 18 | 03 469 10 | Clevis | | 1 |
| * 19 | 03 469 04 | Operator body | | 1 |
| 20 | 03 469 23 | Cover | | 1 |
| | 03 469 11 | Screw | | 3 |
| | 05 291 10 | Bolt M8 x 75mm | | 3 |
| | 05 283 01 | Shakeproof washer 8mm | | 3 |
| | 05 948 07 | Winged nut M8 | | 2 |
| | 05 286 01 | Nut M8 | | 1 |
| | 03 469 19 | Stud M8 x 105mm | | 1 |
| | 03 469 20 | Stud M8 x 112mm | | 2 |
| 21 | 03 541 01 | Instruction plate (lever operation) | | 1 |

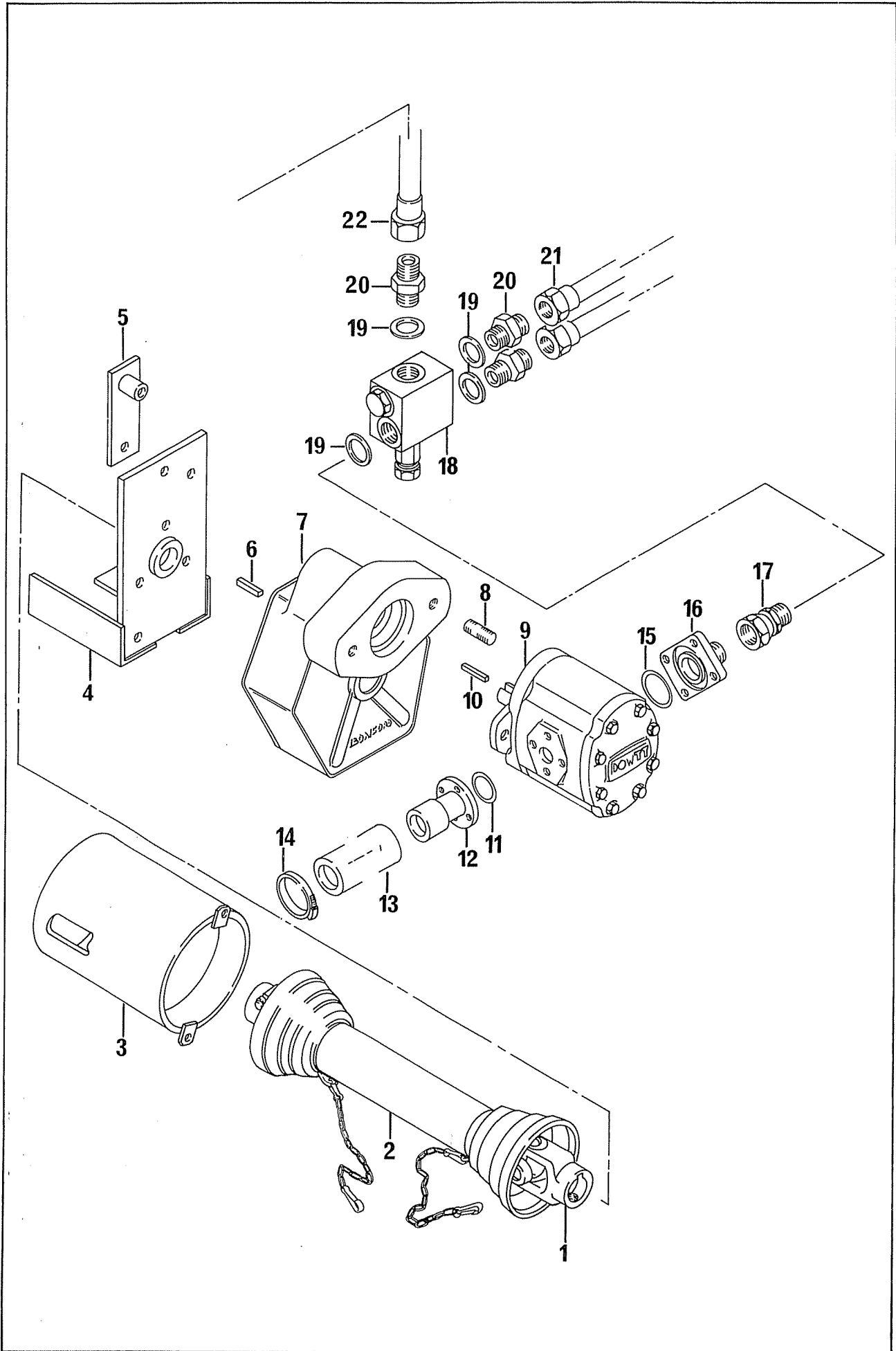
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* Items for single cable and body assembly only



| Ref. | Part No. | Description | Serial No. from - up to | Qty. |
|------|-----------|--|----------------------------|------|
| 1 | 03 861 01 | P.T.O. shaft assy | | 1 |
| | 03 717 02 | Journal bearing kit | | 1 |
| 2 | 03 861 02 | P.T.O. shaft guard assy | | 1 |
| 3 | 03 078 01 | P.T.O. guard | | 1 |
| | 05 264 02 | Setscrew M8 x 25mm | | 2 |
| | 05 282 01 | Spring washer 8mm | | 2 |
| | 05 286 01 | Nut M8 | | 2 |
| 4 | 03 856 01 | Gearbox bracket | | 1 |
| | 05 264 24 | Setscrew M12 x 35mm | | 2 |
| | 05 282 03 | Spring washer 12mm | | 2 |
| | 05 286 03 | Nut M12 | | 2 |
| 5 | 03 857 01 | Gearbox strap | | 1 |
| | 05 264 24 | Setscrew M12 x 35mm | | 1 |
| | 05 291 27 | Bolt M12 x 60mm | | 1 |
| | 05 282 03 | Spring washer 12mm | | 2 |
| | 05 286 03 | Nut M12 | | 2 |
| 6 | 01 071 04 | Key S.E.P. 3/8in x 5/16in x 1.3/4in | | 1 |
| 7 | 03 840 01 | Gearbox | | 1 |
| | 03 840 02 | Seal kit for (03 840 01) gearbox | | 3 |
| | 05 264 23 | Setscrew M12 x 30mm | | 3 |
| | 05 282 03 | Spring washer 12mm | | 2 |
| 8 | 03 100 01 | Stud M10 x 37mm | | 2 |
| | 05 282 02 | Spring washer 10mm | | 2 |
| | 05 286 02 | Nut M10 | | 2 |
| 9 | 05 650 01 | Gear pump assy (Dowty) | | 1 |
| | 05 642 02 | Seal kit for (05 650 01) pump | | 1 |
| 10 | 01 071 13 | Key S.E.P. 1/4in x 1/4in x 1in | | 1 |
| 11 | 05 656 01 | 'O' ring | | 1 |
| 12 | 03 050 01 | Flanged adaptor 38mm O/D | | 1 |
| | 05 657 01 | Socket capscrew 5/16 UNC x 7/8in | | 4 |
| 13 | 03 049 02 | Hose 38mm bore x 320mm | | 1 |
| 14 | 05 863 02 | Jubilee clip 2in I/D | | 2 |
| 15 | 05 656 03 | 'O' ring | | 1 |
| 16 | 03 864 01 | Flanged adaptor 3/4 BSP | | 1 |
| | 05 657 01 | Socket capscrew 5/16 UNC x 7/8in | | 4 |
| 17 | 03 858 01 | Swivel adaptor 3/4 BSP male/female | | 1 |
| 18 | 03 862 01 | Relief valve assy | | 1 |
| | 03 419 06 | Relief cartridge for (03 862 01) valve | | 1 |

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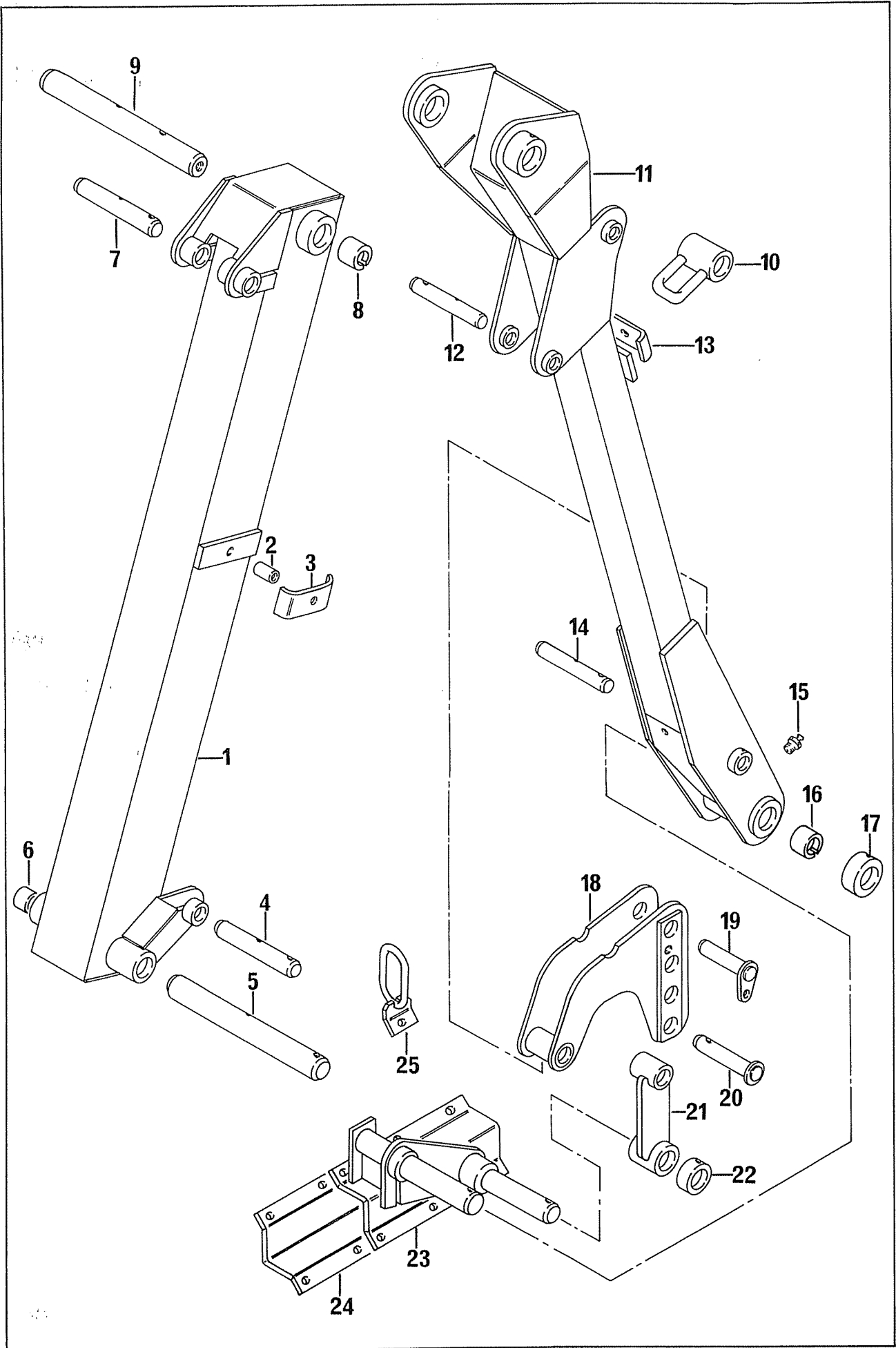


Pump And Gearbox Assemblies

| Ref. | Part No. | Description | Serial No. from - up to | Qty. |
|------|-----------|--------------------------------|----------------------------|------|
| | 03 862 02 | Seal kit for (03 862 01) valve | | |
| 19 | 05 290 06 | Bonded seal 3/4 BSP | | 4 |
| 20 | 05 377 01 | Adaptor 3/4 x 3/4 BSP | | 3 |
| 21 | 05 995 69 | Hose 3/4 BSP x 4900mm | | 2 |
| 22 | 05 995 24 | Hose 3/4 BSP x 1200mm | | 1 |

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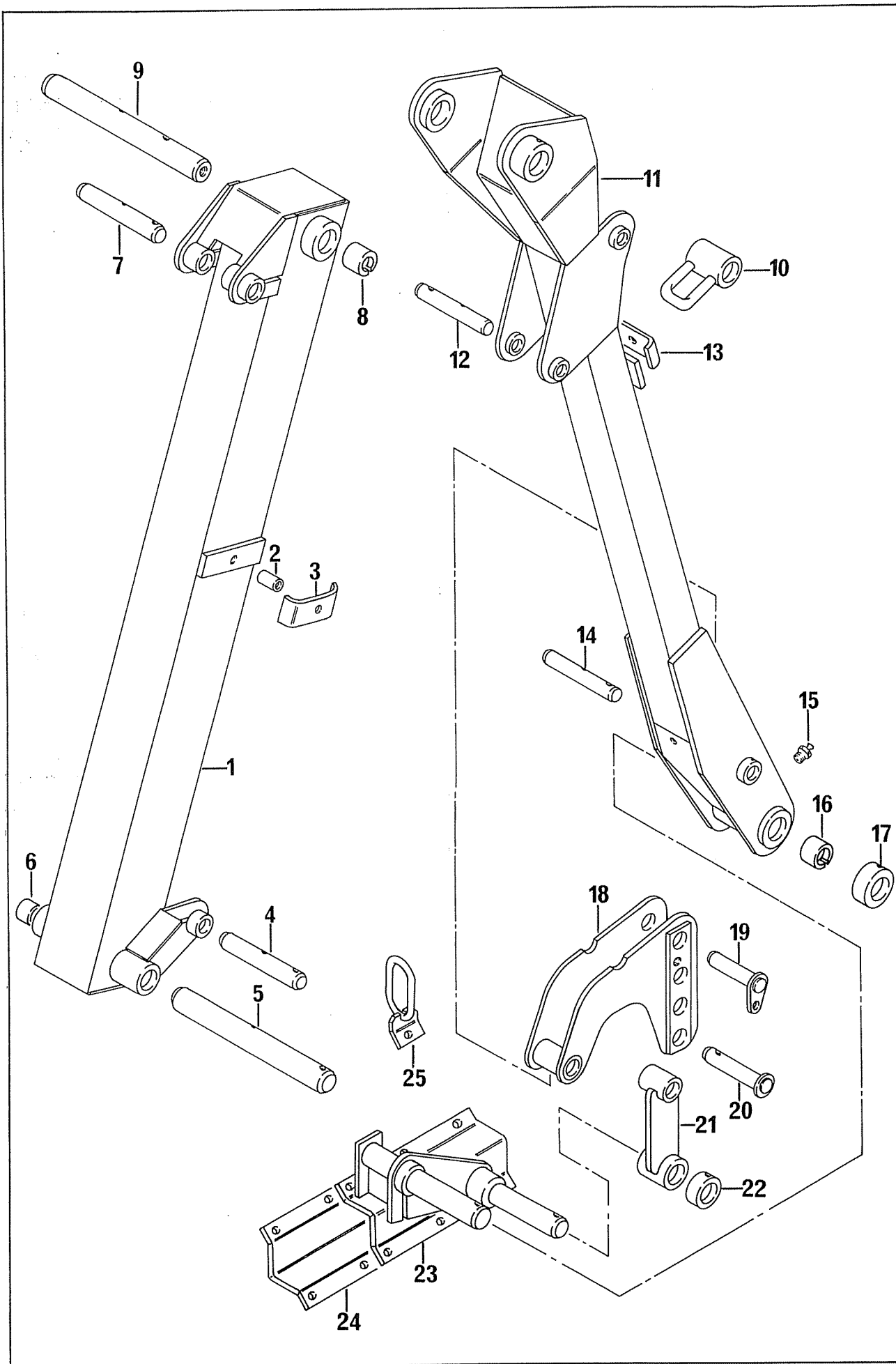
First And Second Arms



| Ref. | Part No. | Description | Serial No. from - up to | Qty. |
|------|-----------|---|----------------------------|------|
| 1 | 03 843 01 | First arm | | 1 |
| 2 | 03 839 01 | Spacer 3/4in O/D x 27mm | | 1 |
| 3 | 03 838 01 | Hose clamp | | 1 |
| | 05 282 03 | Spring washer 12mm | | 1 |
| | 05 291 24 | Bolt M12 x 45mm | | 1 |
| 4 | 03 653 01 | Pin 25mm dia x 129mm | | 1 |
| | 05 201 11 | Tension pin 5mm dia x 45mm | | 1 |
| | 05 953 01 | Grease nipple M6 | | 1 |
| 5 | 03 656 04 | Pin 40mm dia x 267mm | | 1 |
| | 05 201 10 | Tension pin 10mm dia x 60mm | | 1 |
| | 05 953 03 | Grease nipple M10 | | 1 |
| 6 | 02 771 03 | Tension bush 45mm O/D x 40mm I/D x 50mm | | 2 |
| 7 | 05 654 03 | Pin 30mm dia x 129mm | | 1 |
| | 05 201 11 | Tension pin 5mm dia x 45mm | | 1 |
| | 05 953 01 | Grease nipple M6 | | 1 |
| 8 | 02 771 03 | Tension bush 45mm O/D x 40mm I/D x 50mm | | 2 |
| 9 | 03 656 05 | Pin 40mm dia x 280mm | | 1 |
| | 05 201 10 | Tension pin 10mm dia x 60mm | | 1 |
| | 05 953 03 | Grease nipple M10 | | 1 |
| 10 | 03 863 01 | Hose guide | | 1 |
| | 05 264 22 | Setscrew M12 x 25mm | | 1 |
| | 05 282 03 | Spring washer 12mm | | 1 |
| | 02 824 01 | Washer 50mm O/D x 5mm | | 1 |
| 11 | 03 844 01 | Second arm | | 1 |
| 12 | 03 653 02 | Pin 25mm dia x 106mm | | 2 |
| | 05 201 11 | Tension pin 5mm dia x 45mm | | 2 |
| | 05 953 01 | Grease nipple M6 | | 2 |
| 13 | 03 838 01 | Hose clamp | | 1 |
| | 03 839 01 | Spacer 3/4in O/D x 27mm | | 1 |
| | 05 291 24 | Bolt M12 x 45mm | | 1 |
| | 05 282 03 | Spring washer 12mm | | 1 |
| 14 | 03 653 02 | Pin 25mm dia x 106mm | | 1 |
| | 05 201 11 | Tension pin 5mm dia x 45mm | | 1 |
| | 05 953 01 | Grease nipple M6 | | 1 |
| 15 | 05 953 03 | Grease nipple M10 | | 1 |
| 16 | 02 771 03 | Tension bush 45mm O/D x 40mm I/D x 50mm | | 2 |
| 17 | 03 837 01 | Collar 50mm O/D x 40mm I/D x 20mm | | 1 |
| 18 | 03 931 01 | Ram link | | 1 |

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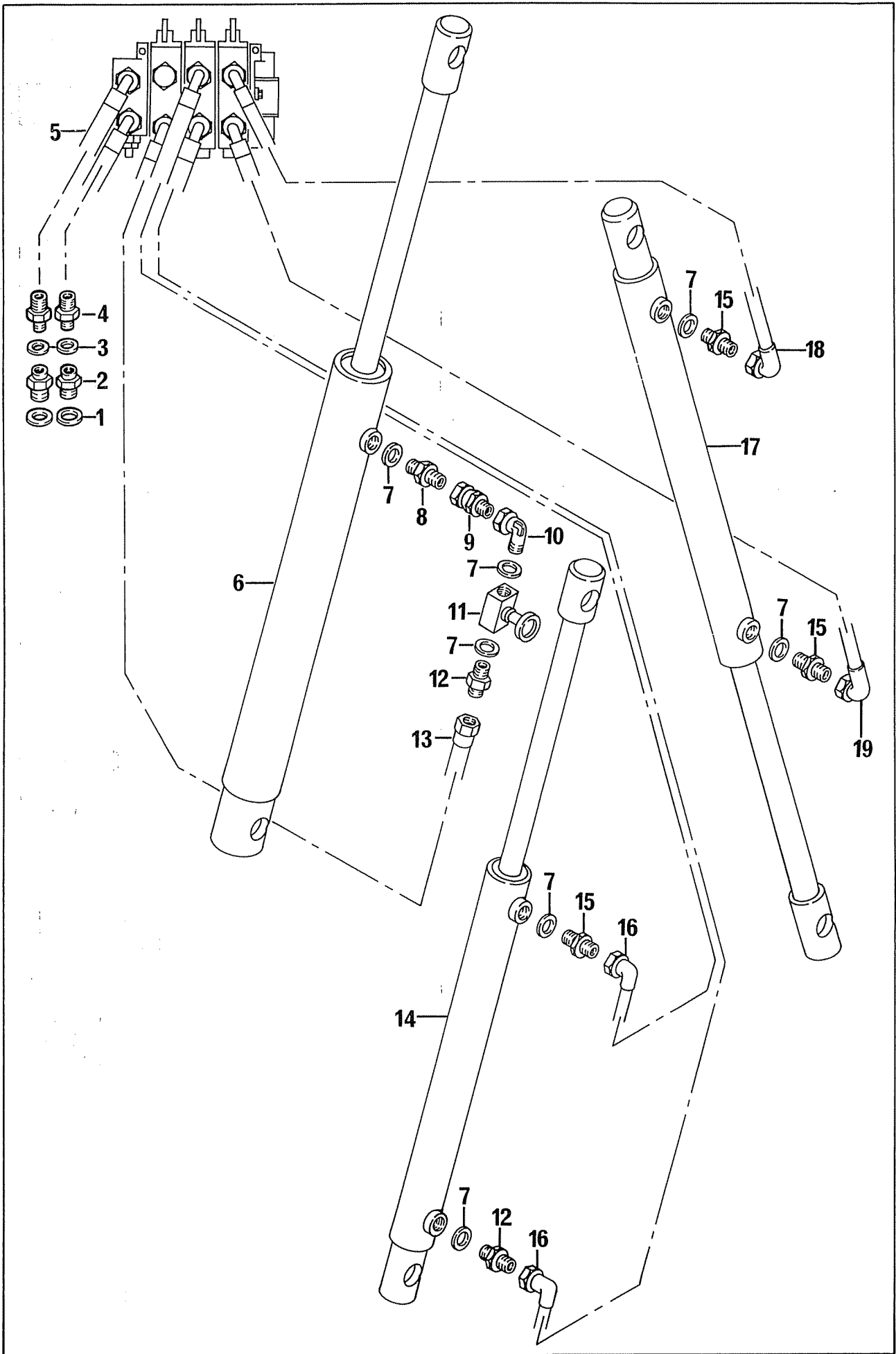
First And Second Arms



| Ref. | Part No. | Description | Serial No. from - upto | Qty. |
|------|-----------|--|---------------------------|------|
| 19 | 03 653 04 | Pin 25mm dia x 83mm | | 1 |
| | 05 264 11 | Setscrew M10 x 20mm | | 1 |
| | 05 282 02 | Spring washer 10mm | | 1 |
| | 05 953 01 | Grease nipple M6 | | 1 |
| 20 | 03 653 03 | Pin 25mm dia x 88mm | | 1 |
| | 00 372 01 | Linch pin and ring assy | | 1 |
| 21 | 03 846 01 | Cowl link | | 1 |
| | 05 953 01 | Grease nipple M6 | | 2 |
| 22 | 03 932 01 | Collar 45mm O/D x 30mm I/D x 16mm | | 1 |
| 23 | 03 835 01 | Cowl bracket - right hand (as illustrated) | | 1 |
| 23 | 03 835 02 | Cowl bracket - left hand | | 1 |
| | 05 201 11 | Tension pin 5mm dia x 45mm | | 1 |
| | 05 201 10 | Tension pin 10mm dia x 60mm | | 1 |
| 24 | 03 836 01 | Cowl bracket clamp | | 1 |
| | 05 264 24 | Setscrew M12 x 35mm | | 5 |
| | 05 291 24 | Bolt M12 x 45mm | | 1 |
| | 05 282 03 | Spring washer 12mm | | 6 |
| | 05 286 03 | Nut M12 | | 6 |
| 25 | 03 845 01 | Hose guide | | 1 |

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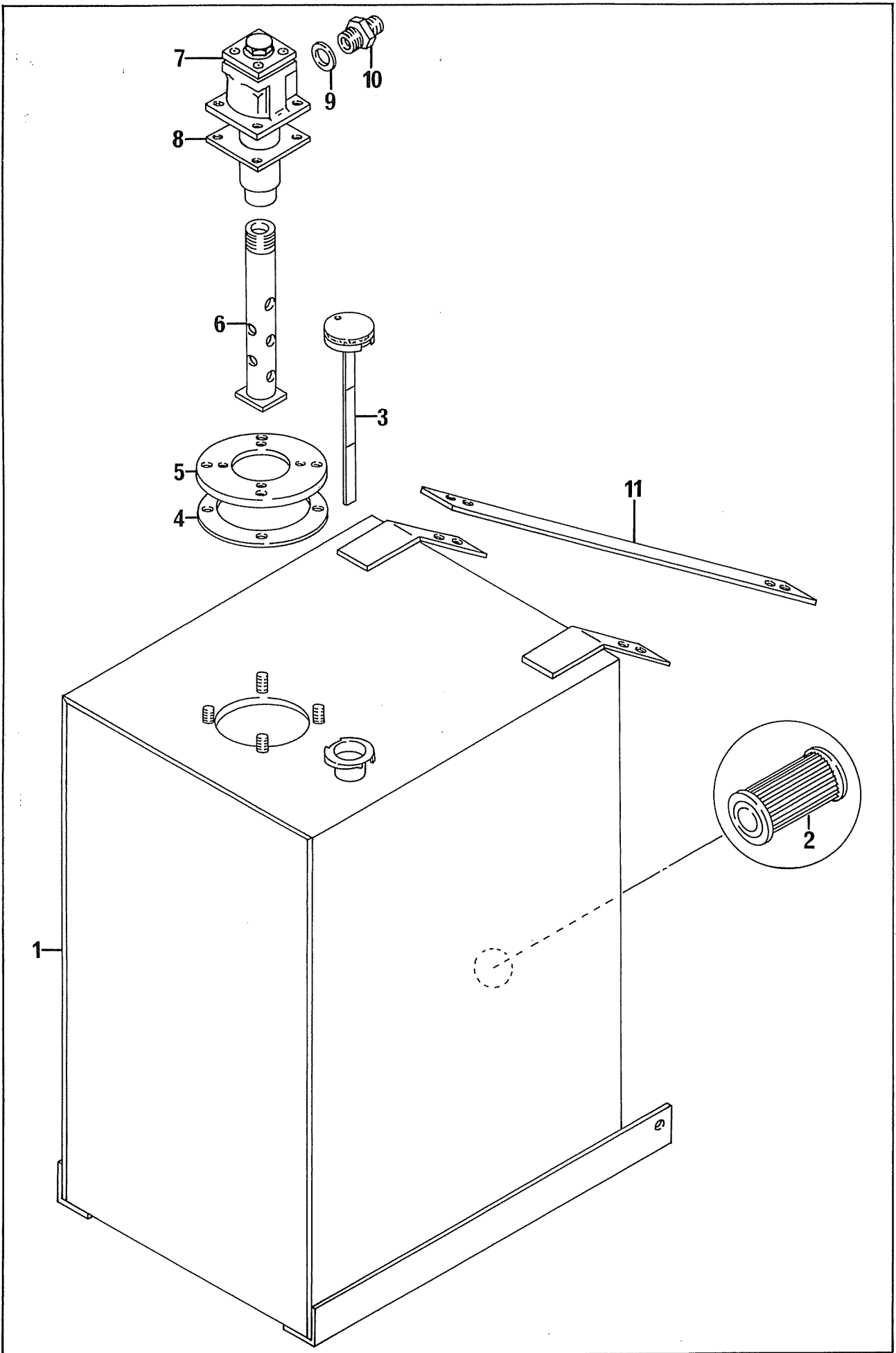
Hydraulic Ram Circuit



| Ref. | Part No. | Description | Serial No. from - up to | Qty. |
|------|-----------|---|----------------------------|------|
| 1 | 05 290 05 | Bonded seal 1/2 BSP | | 2 |
| 2 | 05 225 01 | Adaptor 1/2 BSP O/D x 3/8 BSP I/D | | 2 |
| 3 | 05 290 04 | Bonded seal 3/8 BSP | | 7 |
| 4 | 05 124 01 | Adaptor 3/8 x 3/8 BSP | | 2 |
| 5 | 05 991 30 | Hose 3/8 BSP x 2000mm | | 2 |
| 6 | 03 841 10 | Ram assy - single acting (first ram) | | 1 |
| | 03 841 11 | Seal kit for (03 841 10) ram | | |
| | 02 900 03 | Nylon plug | | 1 |
| | 05 388 03 | Socket grub screw M6 x 6mm | | 1 |
| 7 | 05 290 04 | Bonded seal 3/8 BSP | | 3 |
| 8 | 05 124 01 | Adaptor 3/8 x 3/8 BSP | | 1 |
| 9 | 02 714 01 | Swivel adaptor 3/8 BSP male/female | | 1 |
| 10 | 05 835 01 | Adaptor union 90 ⁰ 3/8 BSP male/female | | 1 |
| 11 | 05 176 01 | Isolator valve | | 1 |
| 12 | 01 099 01 | Adaptor 3/8 x 1/4 BSP | | 2 |
| * 13 | 05 990 23 | Hose 1/4 BSP x 1300mm | | 1 |
| 14 | 03 842 14 | Ram assy - double acting (second ram) | | 1 |
| | 03 842 16 | Seal kit for (03 842 14) ram | | |
| | 02 900 03 | Nylon plug | | 1 |
| | 05 388 03 | Socket grub screw M6 x 6mm | | 1 |
| 15 | 03 028 08 | Restrictor 3/8 x 1/4 BSP | | 3 |
| * 16 | 05 990 29 | Hose 1/4 BSP x 1900mm | | 2 |
| 17 | 03 842 15 | Ram assy - double acting - (third ram) | | 1 |
| | 03 842 16 | Seal kit for (03 842 15) ram | | |
| | 02 900 03 | Nylon plug | | 1 |
| | 05 388 03 | Socket grub screw M6 x 6mm | | 1 |
| * 18 | 05 990 39 | Hose 1/4 BSP x 2900mm | | 1 |
| * 19 | 05 990 45 | Hose 1/4 BSP x 3500mm | | 1 |

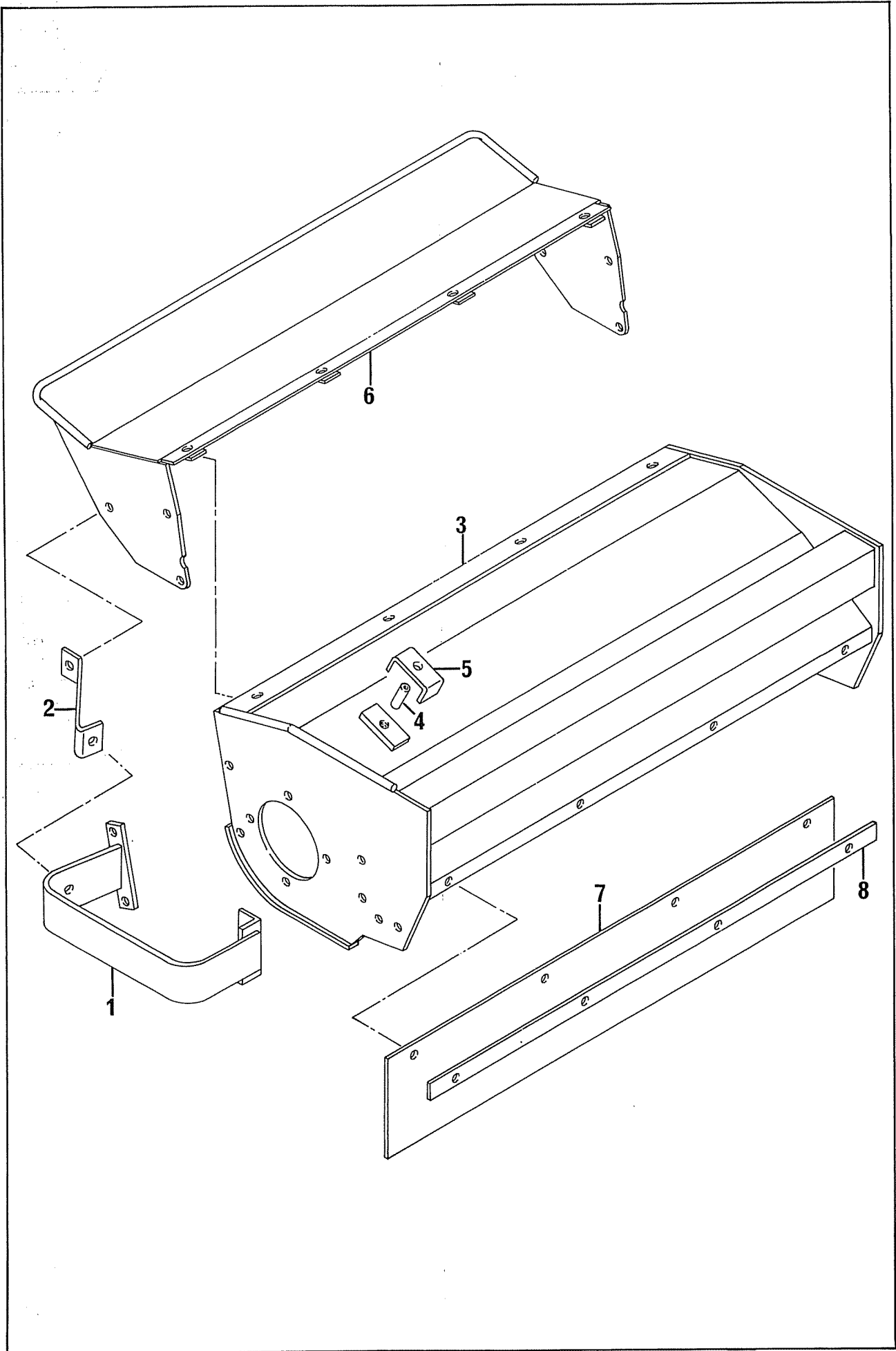
* All 90⁰ hose ends must be connected to ram ports only

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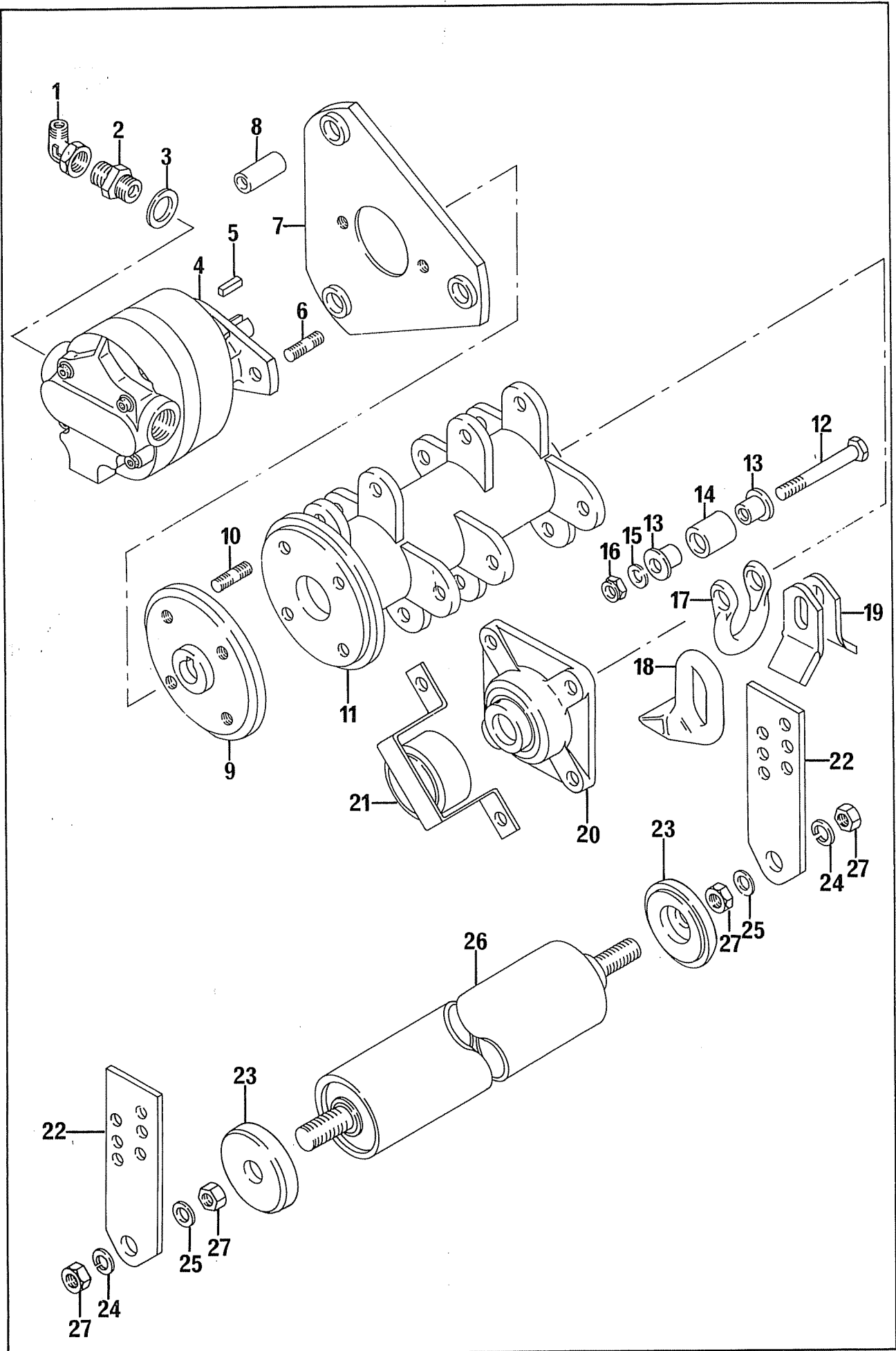
| Ref. | Part No. | Description | Serial No. from - up to | Qty. |
|------|-----------|--|----------------------------|------|
| 1 | 03 820 01 | Tank (without cover plate, filter etc) | | 1 |
| | 05 264 23 | Setscrew M12 x 30mm | | 2 |
| | 05 282 03 | Spring washer 12mm | | 2 |
| | 05 286 03 | Nut M12 | | 2 |
| 2 | 03 821 01 | Suction strainer (inside tank) | | 1 |
| 3 | 02 796 01 | Breather cap and dipstick | | 1 |
| 4 | 03 823 01 | Gasket | | 1 |
| 5 | 03 822 01 | Cover plate | | 1 |
| | 05 282 01 | Spring washer 8mm | | 4 |
| | 05 286 01 | Nut M8 | | 4 |
| 6 | 03 825 01 | Filter pipe | | 1 |
| 7 | 03 824 01 | Filter assy complete with seal & element | | 1 |
| 8 | 03 824 01 | Base seal | | |
| | 03 824 01 | Paper element | | |
| | 05 839 04 | Setscrew M6 x 30mm | | 4 |
| | 05 282 07 | Spring washer 6mm | | 4 |
| 9 | 05 290 07 | Bonded seal 1 BSP | | 1 |
| 10 | 05 373 01 | Adaptor 1 x 3/4 BSP | | 1 |
| 11 | 03 826 01 | Tank stay | | 1 |
| | 05 264 12 | Setscrew M10 x 25mm | | 4 |
| | 05 282 02 | Spring washer 10mm | | 4 |
| | 05 286 02 | Nut M10 | | 4 |

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| Ref. | Part No. | Description | Serial No. | | Qty. |
|------|-----------|-------------------------|------------|--------|------|
| | | | from | up to | |
| 1 | 03 832 01 | Motor guard | - | 2782NA | 1 |
| 1 | 03 935 01 | Motor guard | - | 2782NA | 1 |
| 1 | 03 935 02 | Motor guard | 2783NA | - | 1 |
| | 05 264 22 | Setscrew M12 x 25mm | 2783NA | - | 2 |
| | 05 282 03 | Spring washer 12mm | 2783NA | - | 2 |
| | 05 286 03 | Nut M12 | 2783NA | - | 2 |
| 2 | 03 936 01 | Motor guard stay | 2783NA | - | 1 |
| | 05 264 12 | Setscrew M10 x 25mm | 2783NA | - | 2 |
| | 05 282 02 | Spring washer 10mm | 2783NA | - | 2 |
| | 05 286 02 | Nut M10 | 2783NA | - | 2 |
| 3 | 03 828 01 | Cowl 950mm | - | 2782NA | 1 |
| 3 | 03 828 02 | Cowl 950mm | 2783NA | - | 1 |
| 4 | 03 839 01 | Spacer 3/4in O/D x 27mm | | | 1 |
| 5 | 03 838 01 | Hose clamp | | | 1 |
| | 05 291 24 | Bolt M12 x 45mm | | | 1 |
| | 05 282 03 | Spring washer 12mm | | | 1 |
| 6 | 03 866 01 | Front guard | | | 1 |
| | 05 264 13 | Setscrew M10 x 30mm | | | 6 |
| | 05 264 12 | Setscrew M10 x 25mm | | | 2 |
| | 05 282 02 | Spring washer 10mm | | | 8 |
| | 05 286 02 | Nut M10 | | | 8 |
| 7 | 03 830 01 | Rear guard | | | 1 |
| 8 | 03 829 01 | Backing stip | | | 1 |
| | 05 264 01 | Setscrew M8 x 20mm | | | 4 |
| | 05 282 01 | Spring washer 8mm | | | 4 |
| | 05 286 01 | Nut M8 | | | 4 |

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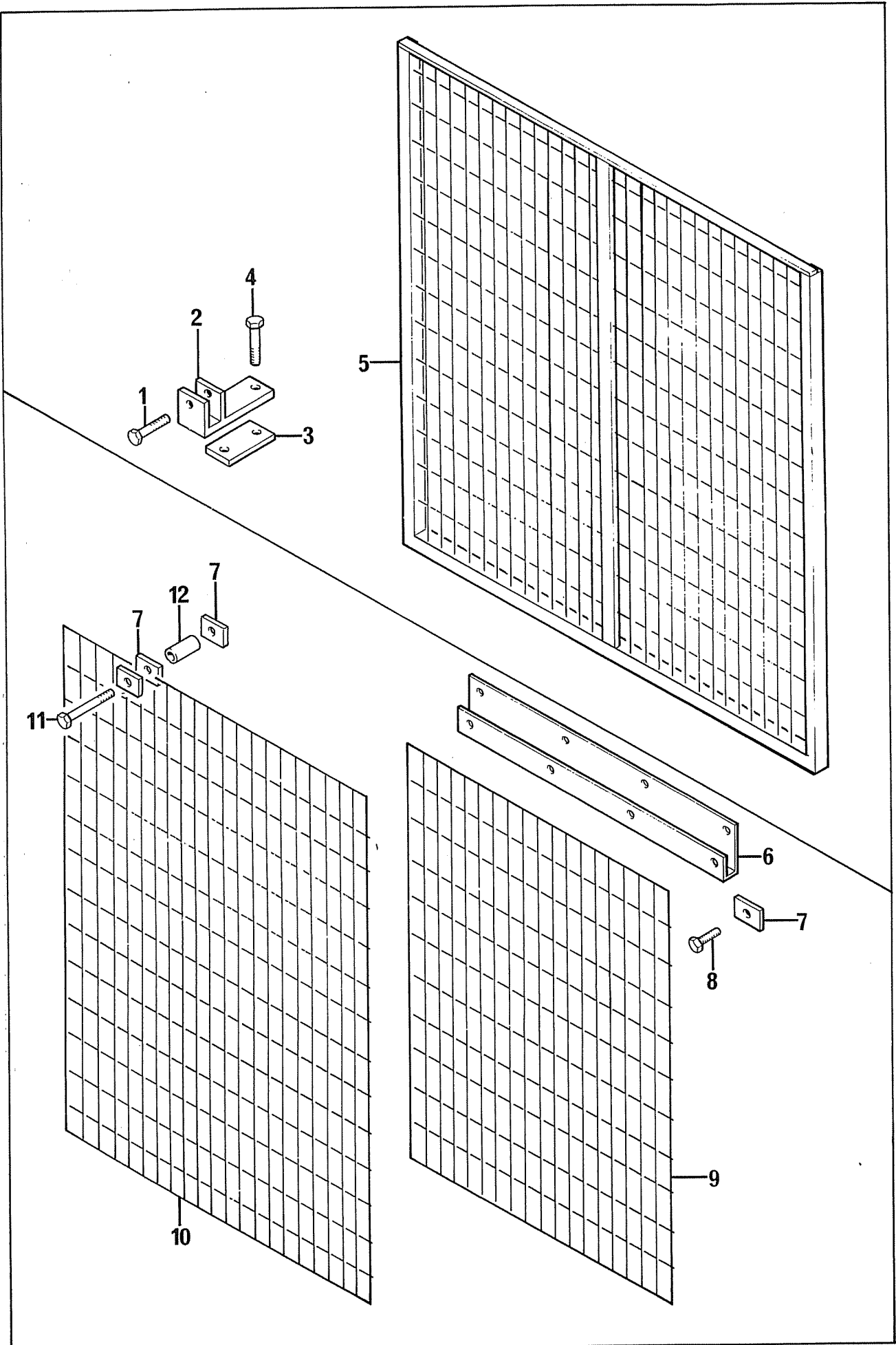
| Ref. | Part No. | Description | Serial No. from - up to | Qty |
|------|-----------|--|----------------------------|-----|
| | 03 714 02 | Roller assy comprising items 25-27 | | |
| | 03 938 01 | Rotor shaft assy (Reverse rotation) comprising items 11-18 | | |
| | 03 938 02 | Rotor shaft assy (Forward rotation) comprising items 11-18 | | |
| 1 | 05 835 03 | Swivel adaptor 90° 3/8 BSP male/female | | 2 |
| 2 | 03 373 01 | Adaptor 1 x 3/4 BSP | | 2 |
| 3 | 05 290 07 | Bonded seal 1 BSP | | 2 |
| 4 | 02 865 26 | Motor assy (Hamworthy) | | 1 |
| | 02 865 27 | Seal kit for (02 865 26) motor | | 1 |
| | 05 254 01 | Setscrew 5/16 UNF x 1/2in | | 1 |
| | 05 282 01 | Spring washer 8mm | | 1 |
| | 03 870 01 | Washer 9mm | | 1 |
| 5 | 02 865 20 | Key S.E.P. 1/4in x 1/4in x 1in | | 1 |
| 6 | 03 100 01 | Stud M10 x 37mm | | 2 |
| | 05 282 02 | Spring washer 10mm | | 2 |
| | 05 286 02 | Nut M10 | | 2 |
| 7 | 03 834 01 | Motor mounting plate | - 2782NA | 1 |
| 7 | 03 934 01 | Motor mounting plate | 2783NA - | 1 |
| 8 | 03 871 01 | Rubber bush 28mm I/D x 38mm | - 2782NA | 4 |
| 8 | 03 871 01 | Rubber bush 28mm I/D x 38mm | 2783NA - | 3 |
| | 05 291 27 | Bolt M12 x 60mm | - 2782NA | 4 |
| | 05 291 27 | Bolt M12 x 60mm | 2783NA - | 3 |
| | 05 282 03 | Spring washer 12mm | - 2782NA | 4 |
| | 05 282 03 | Spring washer 12mm | 2783NA - | 3 |
| | 05 286 03 | Nut M12 | - 2782NA | 4 |
| | 05 286 03 | Nut M12 | 2783NA - | 3 |
| 9 | 03 833 01 | Shaft drive plate | | 1 |
| 10 | 03 917 01 | Stud M10 x 37mm | | 4 |
| | 05 282 02 | Spring washer 10mm | | 4 |
| | 05 968 02 | Self locking nut M10 | | 4 |
| * 11 | | Rotor shaft 950mm | | 1 |
| | 05 264 24 | Setscrew M12 x 35mm | | 1 |
| | 05 283 03 | Shakeproof washer 12mm | | 1 |
| | 02 824 01 | Washer O/D x 13mm I/D x 5mm | | 1 |
| 12 | 05 775 02 | Bolt M10 x 86mm | | 28 |
| 13 | 02 801 01 | Collar | | 56 |

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| Ref. | Part No. | Description | Serial No. from - up to | Qty. |
|------|-----------|---------------------------------|----------------------------|------|
| 14 | 02 807 01 | Spacer | | 28 |
| 15 | 05 282 02 | Spring washer 10mm | | 28 |
| 16 | 05 968 02 | Self locking nut M10 | | 28 |
| 17 | 05 895 01 | Shackle | | 28 |
| 18 | 02 959 01 | Flail - Forward facing (forged) | | 28 |
| ● 19 | 02 812 01 | Flail 40mm x 6mm | | 56 |
| 20 | 03 008 01 | Flanged bearing assy | | 1 |
| | 05 264 24 | Setscrew M12 x 35mm | | 2 |
| | 05 282 03 | Spring washer 12mm | | 2 |
| | 05 286 03 | Nut M12 | | 2 |
| 21 | 03 831 01 | Bearing cover | | 1 |
| | 05 264 25 | Setscrew M12 x 40mm | | 2 |
| | 05 282 03 | Spring washer 12mm | | 2 |
| | 05 286 03 | Nut M12 | | 2 |
| 22 | 03 762 01 | Roller bracket | | 2 |
| | 05 264 24 | Setscrew M12 x 35mm | | 4 |
| | 05 282 03 | Spring washer 12mm | | 4 |
| | 05 286 03 | Nut M12 | | 4 |
| 23 | 03 923 01 | Roller shield disc | | 2 |
| 24 | 05 282 05 | Spring washer 20mm | | 2 |
| 25 | 05 281 05 | Washer 20mm | | 2 |
| 26 | | Roller 950mm | | 1 |
| 27 | 05 286 05 | Nut M20 | | 4 |

* Rotor shaft supplied with flails
and balanced as an assembly only

● Not available as a standard assembly



| Ref. | Part No. | Description | Serial No. from - up to | Qty. |
|------|-----------|-------------------------------------|----------------------------|------|
| | 90 050 25 | Guard kit comprising items 1-5 | | |
| 1 | 05 252 14 | Bolt 3/8 UNF x 2in | | 2 |
| | 05 282 02 | Spring washer 10mm | | 2 |
| | 05 288 02 | Nut 3/8 UNF | | 2 |
| 2 | 01 842 01 | Guard clamp bracket | | 2 |
| 3 | 01 842 02 | Clamp strap | | 2 |
| 4 | 05 252 30 | Bolt 1/2 UNF x 3.1/2in | | 4 |
| | 05 293 05 | Spring washer 1/2in | | 4 |
| | 05 288 04 | Nut 1/2 UNF | | 4 |
| 5 | 01 843 01 | Guard | | 1 |
| | 90 050 05 | Cab guard kit comprising items 6-12 | | |
| 6 | 01 859 03 | Channel (plated) | | 2 |
| 7 | 01 859 05 | Rectangular washer (plated) | | 16 |
| 8 | 05 216 06 | Setscrew 5/16 UNF x 3/4in | | 6 |
| | 05 282 01 | Spring washer 8mm | | 6 |
| | 05 288 01 | Nut 5/16 UNF | | 6 |
| 9 | 01 859 02 | Weldmesh (plated) 610mm x 762mm | | 1 |
| 10 | 01 859 01 | Weldmesh (plated) 762mm x 914mm | | 1 |
| 11 | 05 216 05 | Bolt 5/16 UNF x 3in | | 4 |
| 12 | 01 859 04 | Spacer tube (plated) | | 4 |
| | 05 281 01 | Washer 8mm | | 6 |
| | 05 282 01 | Spring washer 8mm | | 4 |
| | 05 288 01 | Nut 5/16 UNF | | 4 |

CHECK REAR OF MANUAL FOR UPDATES

farmtrim

07-059 01

BOMFORD

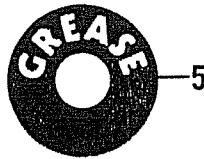
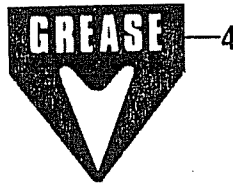
**BOMFORD
IMPORTANT**

NEW MACHINE. Check that the tank is filled to the correct level with one of the grades of oil recommended in the instruction book. Bleed the pump by loosening the outlet hose, turning P.T.O. shaft by hand if necessary.

BEFORE STARTING. Check: 1) Oil level correct
2) Knives secure
3) Guards in position

COLD START. Do not work whilst the oil is cold. After starting run the machine at 360r.p.m. on the P.T.O. for 5-10 minutes to warm up. Any abnormal noise must be investigated immediately. Consult the instruction book if in doubt.

OPERATION. Always engage and disengage the drive with the engine at idling speed. Make engine speed changes slowly and progressively, particularly when slowing down. Before approaching the cutting head disengage the drive and stop the tractor engine.



APPROVED OILS FOR USE IN BOMFORD HYDRAULIC MACHINES

THE FOLLOWING OILS ARE APPROVED FOR USE IN ANY BOMFORD HYDRAULIC MACHINE. ANY VARIATION FROM THIS LIST WILL INVALIDATE WARRANTY ON THE HYDRAULIC EQUIPMENT.

| | | |
|----------|------------------------------|---|
| CASTROL | HYSPIN AW146 (NOT AW546) | H |
| | HYSPIN AW148 (NOT AW548) | H |
| | AGRICASTROL HYDRAULIC OIL | H |
| | AGRICASTROL MULTI USE 10W 10 | F |
| | IF-SPORT OIL 10W 10 | F |
| ANTAR | AGRI-EM 10W 10 | F |
| BP | ENERGOL SHI 80 | H |
| | ENERGOL SHI 100 | H |
| DUCKHAMS | FARM HYDRAULIC OIL No 4 | H |
| | FEETOL MULTIFLUE 10W 10 | F |
| ESSO | UNIVIS M48 | H |
| FILTRATE | HYDRAULIC OIL 10W 10 | H |
| GULF | GULFLUBE MOTOR OIL HD 10W 10 | F |
| | MULTIFLUE 10W 10 | F |
| | HYDRAULIC OIL F | H |
| LOREO | HY 10 HYDRAULIC OIL | H |
| MOBIL | DI-TE | H |
| PEROFINA | FINA DE TANALIGRADE 10W 10 | F |
| | FINA HYDRAN 10 | H |
| SHELL | TELLUS 100 | H |
| | TELLUS 100 | H |
| TERACO | HAVALINE MOTOR OIL SAE 10 | F |

H AND F ARE HYDRAULIC OIL
F ARE ENGINE OIL

FOR UK OPERATIONS IT IS STRONGLY RECOMMENDED THAT OILS SHOULD BE USED MEETING CLASSIFICATION H
ANY LITHIUM BASED GREASE CAN BE USED FOR LUBRICATING GREASE NIPPLES

02 783 01

IMPORTANT
ENSURE THAT ALL NUTS ARE KEPT FULLY TIGHTENED

BOMFORD
M/C TYPE []
SER. No []
MANUFACTURED BY BOMFORD & EVERSHED LTD
SALFORD PRIORS, Evesham, WORCS, ENGLAND



LIFT FROM POINTS MARKED WITH

SUITABLE FOR PRE-ASSEMBLY TRANSIT ONLY
02 348 01

| Ref. | Part No. | Description | Serial No. from - up to | Qty. |
|------|-----------|--|----------------------------|------|
| 1 | 03 859 01 | Decal - Farmtrim | | 1 |
| 2 | 02 075 01 | Decal - Bomford | | 2 |
| 3 | 05 390 01 | Decal - Important 'Start up procedure' | | 1 |
| 4 | 03 785 01 | Decal - Grease | | 5 |
| 5 | 03 786 01 | Disc - Grease M6 dia | | 6 |
| 5 | 03 786 02 | Disc - Grease M10 dia | | 2 |
| 6 | 02 783 02 | Decal - Recommended oils | | 1 |
| 7 | 05 349 01 | Decal - Important 'Keep nuts tight' | | 1 |
| 8 | 02 948 01 | Decal - Lift point instruction | | 1 |
| 9 | 02 950 01 | Decal - Lift point | | 2 |
| 10 | 05 774 01 | Serial number plate | | 2 |
| | 05 227 01 | Hammer drive screw No 6 x 3/8in | | 4 |

CHECK REAR OF MANUAL FOR UPDATES

| Ref. | Part No. | Description | Serial No. from - up to | Qty. |
|------|----------|---|----------------------------|------|
| 90 | 201 00 | Farmtrim base - left hand | | |
| 90 | 203 00 | Farmtrim base - right hand | | |
| 90 | 217 04 | Hydraulic grasshead 950mm standard power tubular rotor shaft, heavy single flails, metal guards and cab guard kit. (Reverse rotation) | | |
| 90 | 217 14 | Hydraulic grasshead 950mm standard power tubular rotor shaft, heavy single flails and plastic guard (Forward rotation) | | |
| 90 | 050 05 | Mesh cab guard kit | | |
| 90 | 050 25 | Cableless mesh guard kit | | |

Parts List Update Supplement

ISSUE 1

MACHINE TITLE FARMTRIM

PUBLICATION No. 838

ACTION CODE:- A=Add to list D=Delete from list R= Remove existing item(s) and replace by new

Underlining indicates action on that item only

| Issue | Page No. | Ref. No. | Action Code | Part No. | Description | Serial No. from - to | Qty. |
|-------|----------|----------|-------------|-----------|---|-------------------------|------|
| 1 | 2-2 | 15 | R | 05 264 13 | <u>Setscrew M10 x 30mm</u> | | 2 |
| 1 | 3-2 | 12 | R | 05 625 06 | <u>Cap Head Screw 1/4 UNC x 1/2in</u> | | 2 |
| 1 | 4-2 | 5 | R | 05 264 25 | <u>Setscrew M12 x 40mm</u> | | 1 |
| 1 | 4-2 | 13 | R | 03 049 02 | <u>Hose 38mm bore x 370mm</u> | | 1 |
| 1 | 6-2 | 6 | R | 02 900 03 | Nylon Plug | -2966N | 1 |
| 1 | 6-2 | 6 | R | 05 388 03 | Socket grub screw M6 x 6mm | -2966N | 1 |
| 1 | 6-2 | 6 | A | 05 201 11 | <u>Tension pin 5mm dia x 45mm</u> | 2967N - | 1 |
| 1 | 6-2 | 14 | R | 02 900 03 | Nylong plug | -2966N | 1 |
| 1 | 6-2 | 14 | R | 05 388 03 | Socket grub screw M6 x 6mm | -2966N | 1 |
| 1 | 6-2 | 14 | A | 05 201 11 | <u>Tension pin 5mm dia x 45mm</u> | 2967N - | 1 |
| 1 | 6-2 | 17 | R | 02 900 03 | Nylon plug | -2966N | 1 |
| 1 | 6-2 | 17 | R | 05 388 03 | Socket Grub Screw M6 x 6mm | -2966N | 1 |
| 1 | 6-2 | 17 | A | 05 201 11 | <u>Tension pin 5mm dia x 45mm</u> | 2967N- | 1 |
| 1 | 7-2 | 1 | R | 05 264 24 | <u>Setscrew M12 x 35mm</u> | | 2 |
| 1 | 8-2 | 1 | R | 05 264 23 | <u>Setscrew M12 x 30mm</u> | | 2 |
| 1 | 8-2 | 1 | A | 05 281 03 | <u>Washer 12mm</u> | | 2 |
| 1 | 8-2 | 2 | R | 05 264 11 | <u>Setscrew M10 x 20mm</u> | | 2 |
| 1 | 9-2 | 1 | R | 05 835 03 | <u>Swivel adaptor 90° 3/4 BSP male/female</u> | | 2 |
| 1 | 9-2 | 4 | R | 02 865 26 | Motor assy (Hamworthy) | -3326NA | 1 |
| 1 | 9-2 | 4 | R | 05 254 01 | Setscrew 5/16 UNF x 1/2in | -3326NA | 1 |
| 1 | 9-2 | 4 | R | 05 282 01 | Spring washer 8mm | -3326NA | 1 |
| 1 | 9-2 | 4 | R | 03 870 01 | Washer 9mm | -3326NA | 1 |
| 1 | 9-2 | 4 | A | 02 865 26 | <u>Motor assy (Hamworthy)</u> | 3327NA- | 1 |
| 1 | 9-2 | 4 | A | 05 254 12 | <u>Setscrew 3/8 UNF x 3/4in</u> | 3327NA- | 1 |
| 1 | 9-2 | 4 | A | 05 282 02 | <u>Spring washer 10mm</u> | 3327NA- | 1 |
| 1 | 9-2 | 4 | A | 03 870 02 | <u>Washer 10.5mm</u> | 3327NA- | 1 |
| 1 | 9-2 | 8 | R | 05 291 28 | <u>Bolt M12 x 65mm</u> | -2782NA | 4 |
| 1 | 9-2 | 8 | R | 05 291 28 | <u>Bolt M12 x 65mm</u> | 2783NA- | 3 |
| 1 | 9-2 | 8 | A | 02 824 01 | <u>Washer 50mm O/D x 13mm I/D x 5mm</u> | -2782NA | 4 |
| 1 | 9-2 | 8 | A | 02 824 01 | <u>Washer 50mm O/D x 13mm I/D x 5mm</u> | 2787NA- | 3 |
| 1 | 9-3 | 26 | R | 03 714 02 | <u>Roller 930mm</u> | | 1 |

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