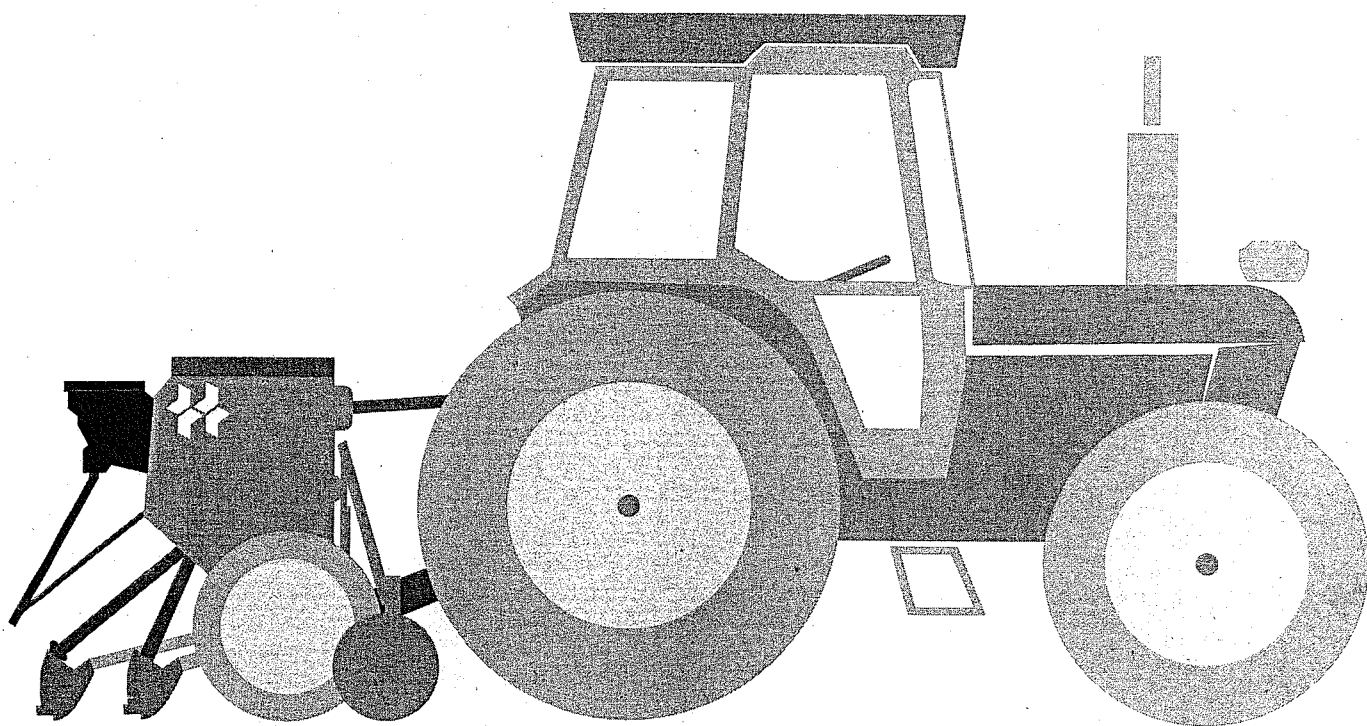


NORDSTEN

FS



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Nordsten would like to congratulate you on your new Fine Seed Box, which we are convinced will serve you well in your work.

In order to use the machine correctly and safely, we recommend that you familiarise yourself with it by studying this instruction manual.

The correct use of the machine, along with careful maintenance, lubrication and storage, will help to keep it in good working order.

Type of machine:.....

Date of purchase:

Manufacture number:.....

1.General

Technical dates

Machine type	FS 2030	FS 2040	FS 3030	FS 3040
Working width	3,00 m	4,00 m	3,00 m	4,00 m
Filling height	1,20 m	1,20 m	1,10 m	1,10 m
Hopper capacity	117 l	168 l	117 l	168 l
Weight of machine	60 kg	80 kg	60 kg	80 kg
Number of outlets	23	32	23	32
Row distance	13,0 cm	12,5 cm	13,0 cm	12,5 cm
Sowing system	slide roller	slide roller	slide roller	slide roller
Transmission	chain drive/ cassettes from left driving wheel	chain drive/ cassettes from left driving wheel	cassettes from rolling wheel	cassettes from rolling wheel

1.General

Limitations

When the seed drill is mounted with fine seed box the possibilities for mounting of additional equipment are limited, i.e. the following combinations will not be possible:

NS 2000 fine seed box + foot board/pre-emergence tramlining kit.

NS 3000 fine seed box + pre-emergence tramlining kit.

In connection with fine seed box it is recommended that the seed drill besides the existing following harrow is mounted with Twin-Flow harrow. The Twin-Flow harrow is a double tine, which can be mounted on the rear row of coulters. It levels the ground before the seed contacts the soil. Finally the following harrow will ensure that the seed is mixed/covered with soil.

Sowing of grass seed demands special care, as the grass seed can pack together and therefore sow the wrong quantity compared to the test sowing, especially if the seed drill is exposed to vibrations. It is, therefore, wise not to fill the seed hopper until just before the sowing is to start in the field. It is recommended to stir the fine seeds by hand when half the contents of the seed hopper has been sown. When sowing seed mixtures it is recommended to stir more often to keep the balance of the seed mixture.

The transmission part of the fine seed box is provided with three working ranges. By means of the sowing table a range as low as possible, for the quantity required, is chosen. This ensures that the opening from the seed hopper to the rollers is as large as possible. The chain cassettes which are part of the transmission are not made to be turned to alter the sowing quantity, as this will cause differences between calibration and actual sown quantity.

1. General

Safety precautions

The instructions and safety notes in this instruction manual must be followed.

Safety distances

The safety distance to the seed drill while in operation is 4 metres. Persons must under no circumstances be on the seed drill while it is operating.

Safety precautions concerning guards

Guards for chains, gear wheels and rotating shaft ends etc. must be fitted to comply with the required safety regulations.

Loose guards, which include calibration trays and seed hopper lid, should be fitted and closed when the machine is operating.

The agitator shaft in the hopper is not shielded. Therefore, to avoid injury, manual stirring of the sowing material whilst the machine is running must be avoided.

Fixed guards should be removed and fitted using tools.

Safety when cleaning

Cleaning and maintenance of the seed drill should only be carried out when the machine is not running.

Safety precautions concerning tightening

Tighten all bolts after the first 25 hours of operation. All bolts should be subsequently tightened before the start of each season.

Product liability

Nordsten's product liability covers machines which are defective on delivery. Product liability no longer applies if modifications are made to the seed drill or its accessories without Nordsten's explicit written permission.

It is also a condition of the product liability that the seed drill is only used for purposes described in this instruction manual or for purposes which have Nordsten's permission.

Finally, it is also a condition that the seed drill is used with all fixed guards fitted.

2. Mounting

Commissioning

Commissioning the fine seed box

Immediately after receiving the fine seed box it should be checked to ensure that the items received are in accordance with the order and that there are no defects or missing parts. Any claims should be immediately forwarded to the dealer.

In the case of damage occurring during transport, claims should be forwarded to the transport firm used.

Otherwise reference is made to Nordsten's usual terms of sale and delivery.

2. Mounting

FS 2000

Point 1.

The supplied channel sections (A) are mounted on the side plates of the seed drill instead of the original channel sections. On the 4,0 m machines a hole \varnothing 13 mm has to be drilled in the channel section (B) sitting in the centre of the machine - if not already fitted. The hole has to be placed at the same height as the second hole from the top, in the channel sections used on the side plates, see fig. 2A.

Point 2.

The following harrow arms (A) are mounted in the channel sections, bottom hole, (see fig. 2B-2C) and the tubes, which limit the depth of the following harrow (B), are mounted in the second hole from the top. The hole beam of the fine seed box has to be mounted on the arms of the following harrow by the angle irons (C). On 4.0 m machines the two hole beams are connected by the connecting piece (D). See fig. 2B-2C.

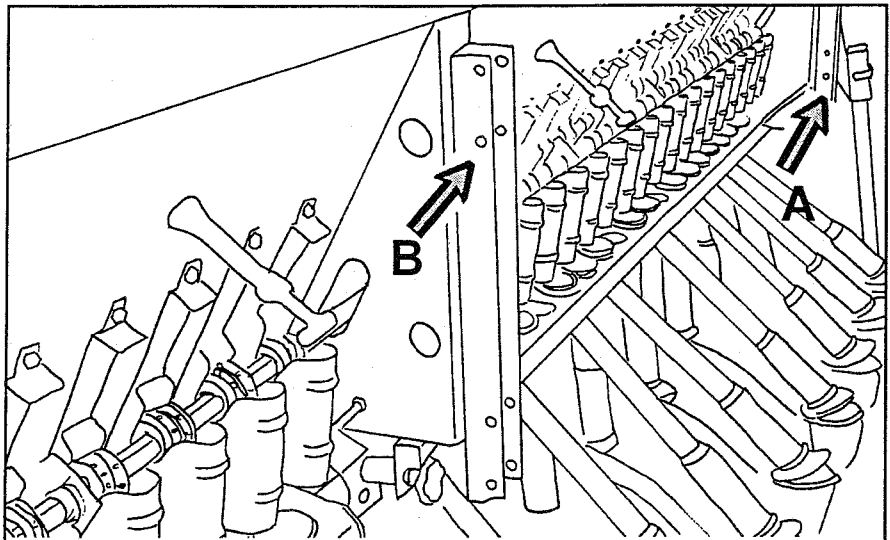


Fig. 2A.

Fig. 2B.

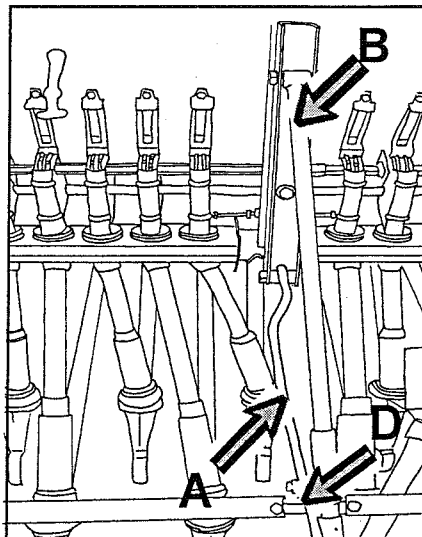
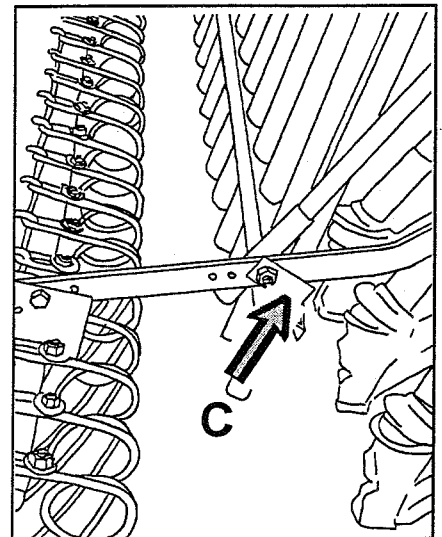


Fig. 2C.



2. Mounting

FS 2000

Point 3.

The two plates holding the emptying trays are mounted on the inner side of the channel sections. The plates must be positioned horizontally. An M8x40 bolt with two nuts is fitted to hang the emptying tray on and an M8x50 bolt with two nuts and rubber bush acting as a stop for the emptying tray. See fig. 2D.

Point 4.

On the fine seed box the two angle irons (A) holding the emptying trays are mounted. On the 3,0 m machines the brackets must be mounted "back to back", on 4,90 m machines they must be mounted with space between them. On 3,0 m machines an M8x40 bolt (B) with two nuts is mounted to hang the emptying tray on and an M8x90 set screw and three nuts and a rubber bush as a stop for the emptying tray. On 4,0 m machines an M8x40 bolt with 2 nuts is mounted on each angle iron as suspension for the emptying tray, and an M8x50 bolt (C) with two nuts and rubber bush as a stop for the emptying tray. See fig. 2E.

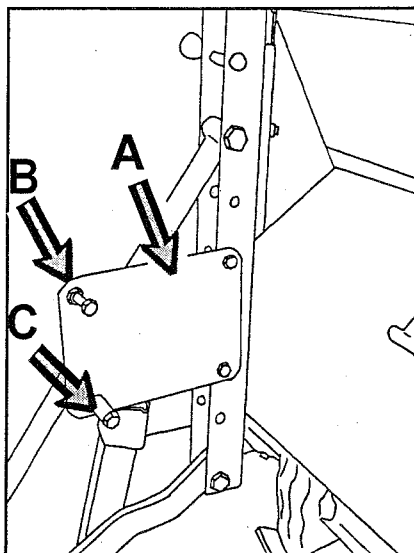


Fig. 2D.

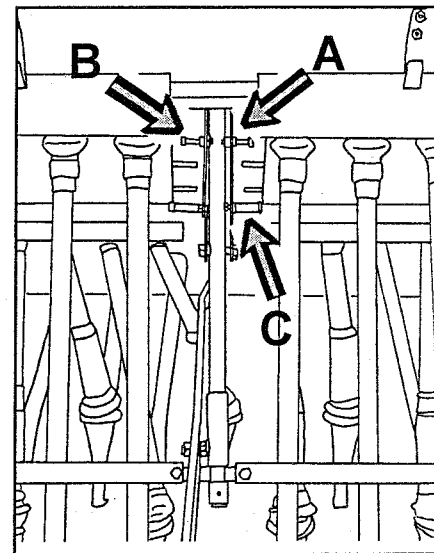


Fig. 2E.

2. Mounting

FS 2000

Point 5.

On the left side plate of the seed drill the transmission is mounted. On the outer side the bearing housing is mounted with bushes, axle and split pins. On the innerside a chain wheel, chain and chain tightener are mounted. Finally the guard is mounted. See fig. 2F-2G-2H. (If holes for mounting are missing drill as required).

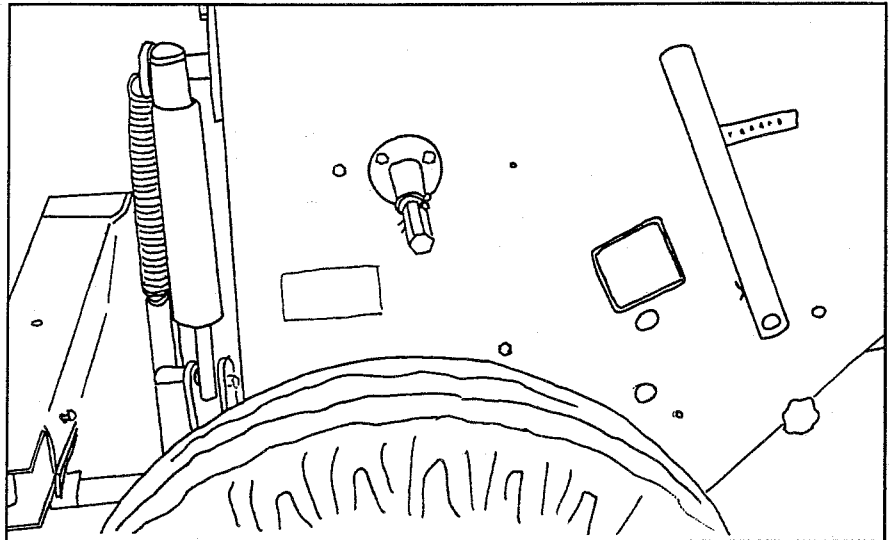


Fig. 2F.

Fig. 2G.

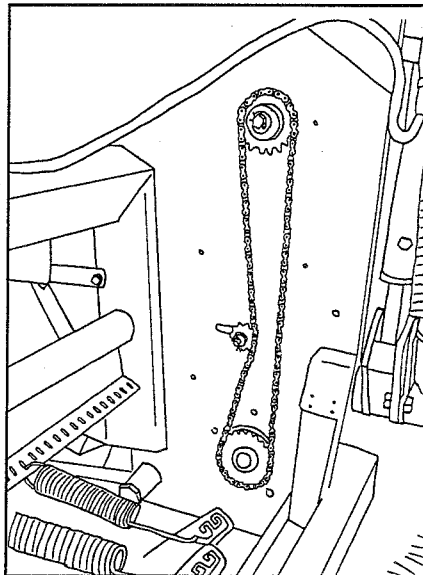
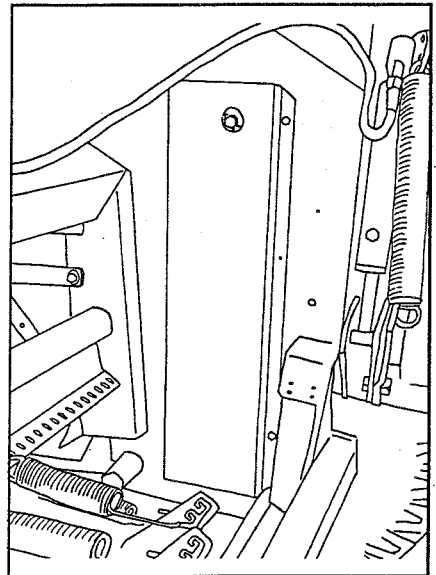


Fig. 2H.



2. Mounting

FS 2000

Point 6.

The fine seed box itself is hung on the channel sections of the seed drill, so that the hook on the end plate of the fine seed box catches the guide pin on top of the channel sections. The fine seed box is locked with a lock pin and a split pin (A). See fig. 2J.

Point 7.

The two cassettes are connected with a shaft and mounted on the seed drill and the fine seed box. They **must** be mounted to reduce the speed of the input shaft of the fine seed box as much as possible. See fig. 2I.

Point 8.

The seed tubes are mounted in the seed tube retainers, which are hooked on the back of the fine seed box. At the same time the seed tubes are passed through the holes in the hole beam, mounted on the following harrow arms. The seed tube retainers are locked by the rubberstrap on the front side of the fine seed box. See fig. 2K.

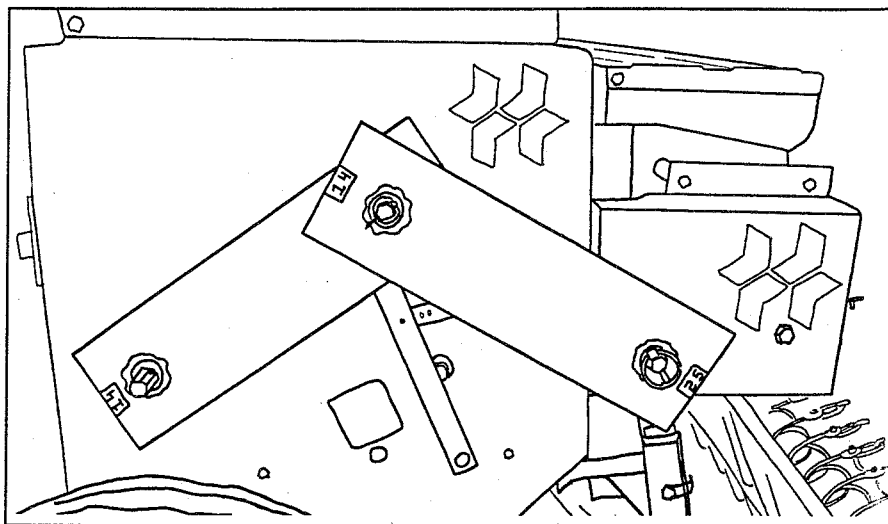


Fig. 2I.

Fig. 2J.

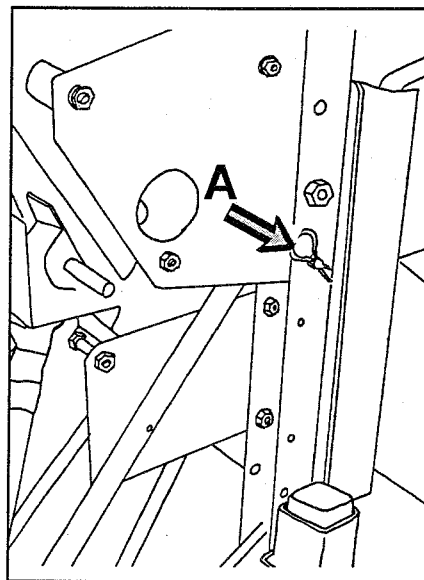
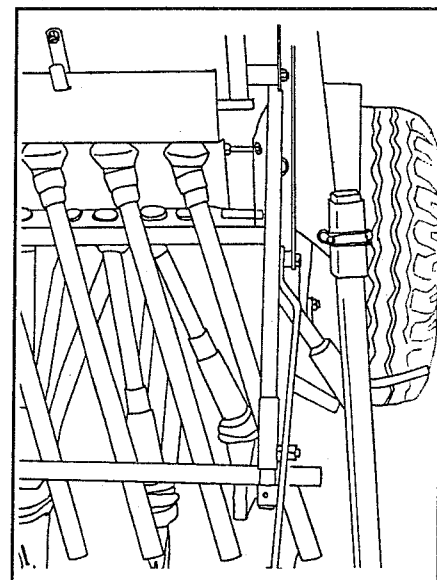


Fig. 2K.



2. Mounting

FS 3000

Point 1.

Remove the following harrow, following harrow arms, the small footboard of the seed drill and the channel section bracket on left side of the seed drill.

Point 2.

At the left side of the seed drill the supplied channel section (A) is mounted. On the footboard of the seed drill the bracket for the ladder (B) is mounted, and then ladder (C), following harrow arm (D) and the bracket which limits the depth of the following harrow (E) are mounted. See fig. 2L and 2M.

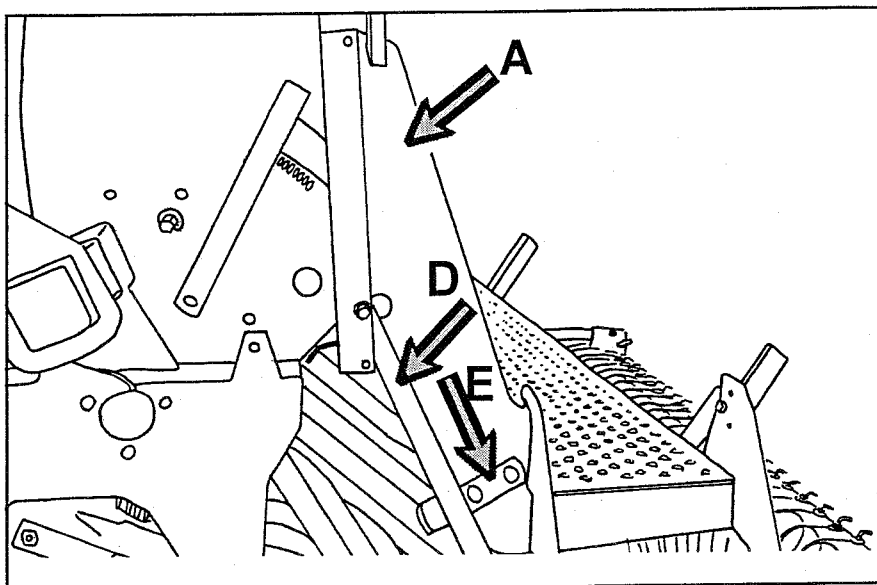
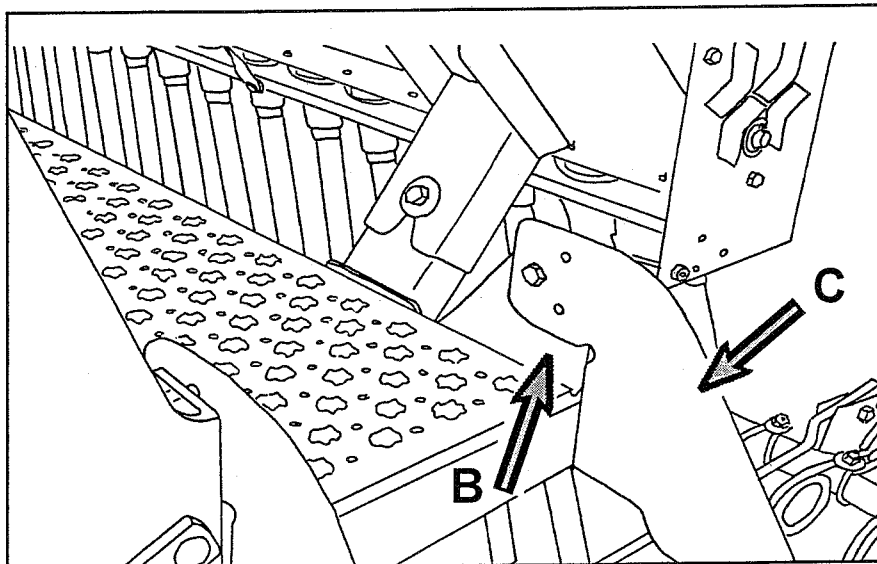


Fig. 2L.

Fig. 2M.



2. Mounting

FS 3000

Point 3.

The following harrow arms are mounted so that the outer end, which is staggered, turns inwards to the middle of the machine. On the following harrow arms the small bracket (A) is mounted, the bracket holds the hole beam for the seed tubes. These small brackets must turn outwards. At the centre the hole beams are assembled with the supplied bracket. See fig. 2N.

Point 4.

At the back and under the footboard of the seed drill the brackets (A), which hold the fine seed box, are mounted. The distance between the brackets must be the same as on the brackets mounted on the fine seed box. It may be necessary to drill extra holes in the footboard. In the bracket - now sitting on the back of the footboard - an M12x25 screw and a heavy washer are mounted. The bolt is not to be fixed tightly. See fig. 2O and 2P.

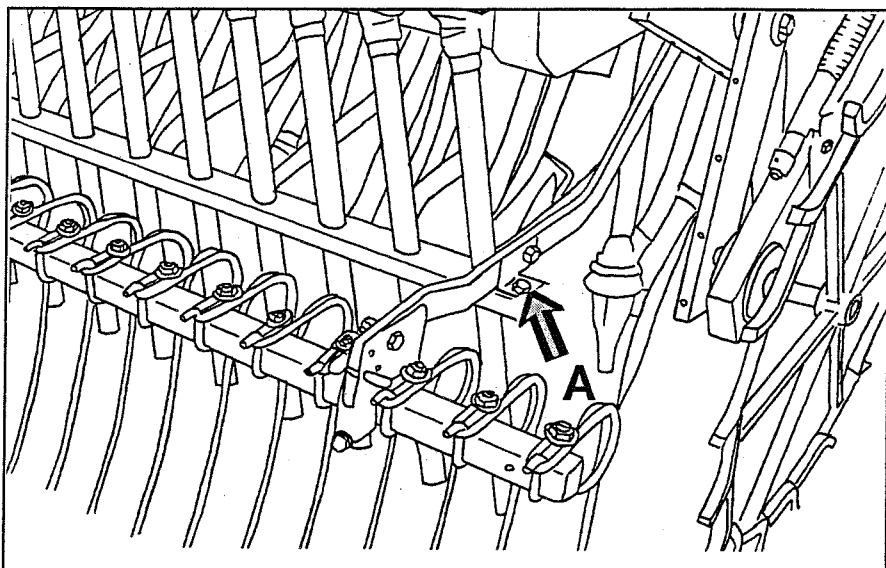


Fig. 2N.

Fig. 2O.

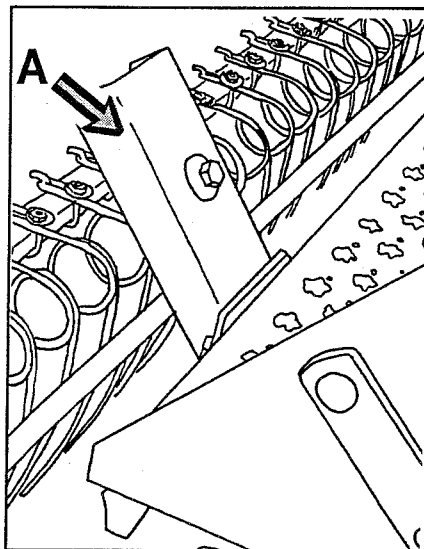
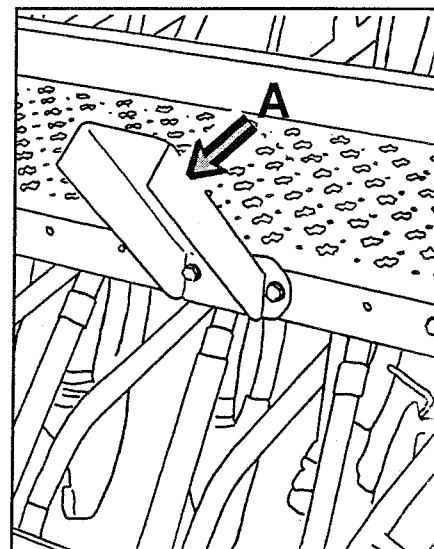


Fig. 2P.



2. Mounting

FS 3000

Point 5.

The fine seed box is mounted on the seed drill and locked by tightening the bolt mentioned under point 4.

Point 6.

The driving wheel with shaft is dismantled. The bushing A (fig. 2Q) is pushed in above the shaft. The driving wheel with shaft is fitted again. At the same time two chain cassettes from the shaft are mounted on the driving wheel to the fine seed box. The cassettes are fitted so that the input shaft of the fine seed box is running as slow as possible. The cassette having a hub with a hexagon hole of 22 mm in both ends is mounted at the driving wheel, with the end "14" fitted down to the driving wheel. The other cassette is fitted so that the end with "25" is against the fine seed box. The two cassettes are joined with the supplied shaft. See fig. 2R.

Point 7.

The seed tubes are mounted in the seed tube retainer. The seed tubes are passed through the hole beam, and the seed tube retainer is hooked on the fine seed box and "locked" by a rubberstrap.

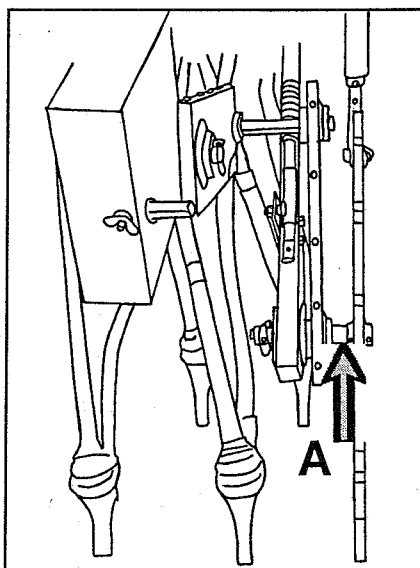
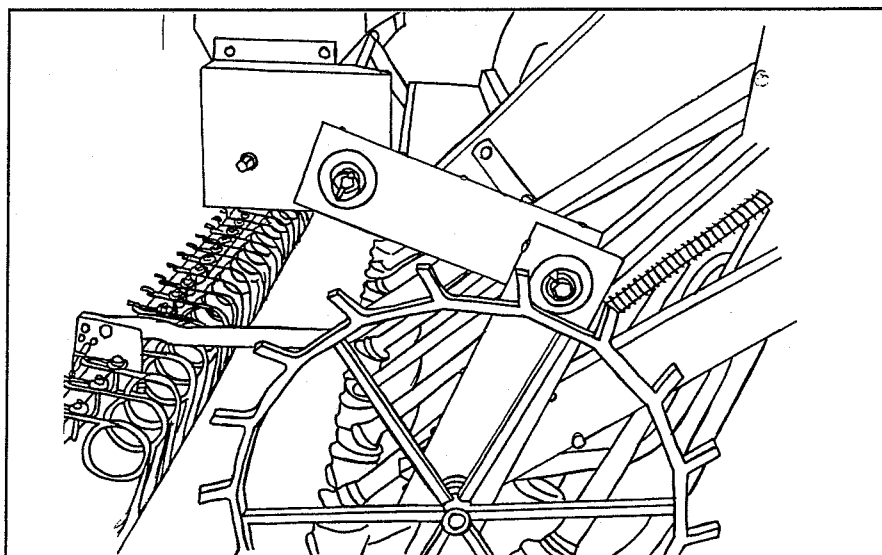


Fig. 2Q.

Fig. 2R.



3. Setting up

Test sowing FS 2000

Calibration

The seed tubes are released from the seed box and lowered. See fig. 3A.

The calibration trays of the seed drill are placed under the seed housings on the seed hopper. See fig. 3A.

The calibration handle of the seed drill is placed on the hexagon shaft on the left side plate of the seed drill. See fig. 3B.

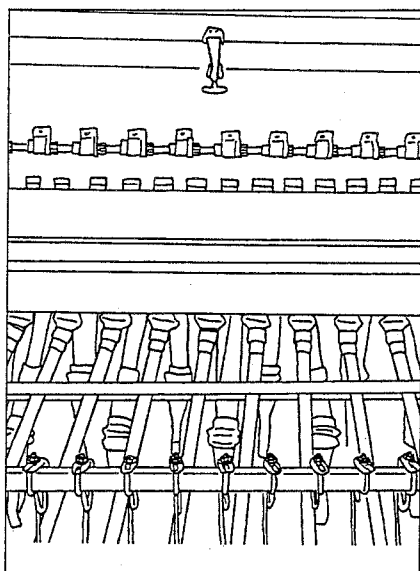


Fig. 3A.

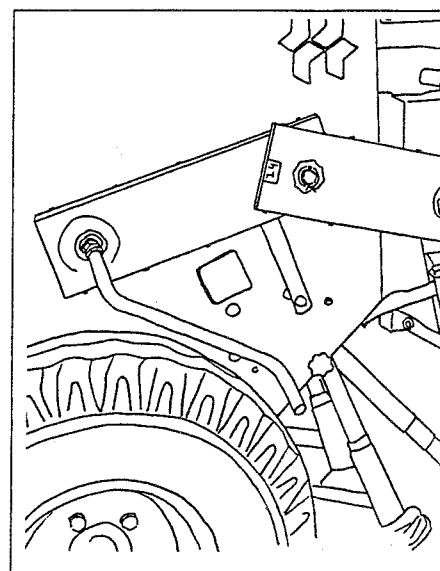


Fig. 3B.

3. Setting up

Test sowing FS 2000

Using as a guide the sowing table (see fig. 3C) the setting to be used for calibration is found. Example: 20 kg rye grass per hectare is to be sown, scale setting 25 (see fig. 3D). Place chain wheels in HIGH. See fig. 3E.

The seed is placed in the seed box - about half-filled.

Turn the calibration handle a few times to ensure that seed is running out of all seed housings. Empty the calibration tray, and when it is replaced the calibration test can be carried out.

Turn the calibration handle for sowing of 1/20 ha.

3,00 m = 69 revolutions

4,00 m = 51,5 revolutions

The content of the calibration tray should be weighed and the number multiplied by 20 in order to obtain kg/ha. The calibration test is repeated until the correct setting for the required sowing rate is found.

The seed box is not filled completely until just before sowing is started in the field. This way you avoid packing of the seeds during transport.

It is recommended to stir the fine seeds by hand before each filling.

SCALE- SETTING	Rye grass			Fescue grass			Clover		
	LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
15	3,5	6,4	11,8	2,8	5,1	9,4	12,6		
20	4,7	8,6	15,7	3,8	6,9	12,6	16,9		
25	5,8	10,7	19,6	4,6	8,6	15,7	20,8		
30	7,0	12,8	23,5	5,6	10,2	18,8			

Fig. 3C.

Fig. 3D.

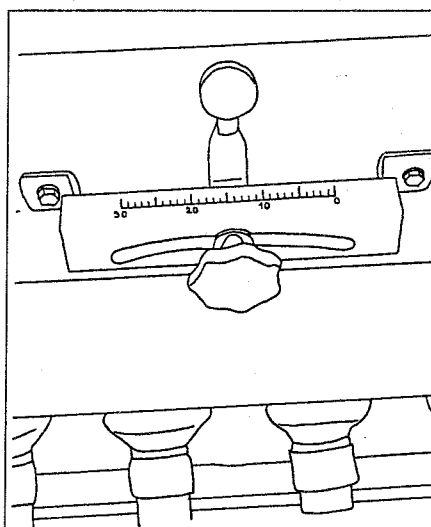
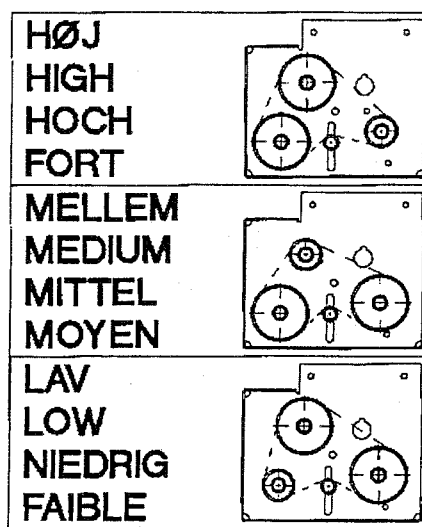


Fig. 3E.



3. Setting up

Test sowing FS 3000

Calibration

The seed tubes are released from the seed box and lowered. See fig. 3F.

The calibration trays of the seed drill are placed under the seed housings on the seed hopper. See fig. 3F.

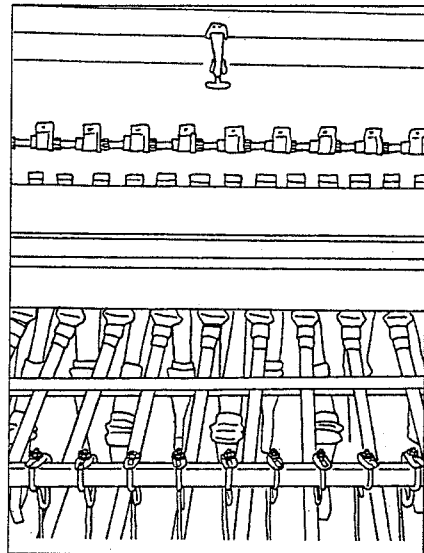


Fig. 3F.

3. Setting up

FS 3000 Test sowing

Using as a guide the sowing table (see fig. 3G) the setting to be used for calibration is found. Example: 20kg rye grass per hectare is to be sown, scale setting 25 (see fig. 3H). Place chain wheels in HIGH, see fig. 3I.

The seed is placed in the seed box - about half-filled.

SCALE- SETTING	Rye grass			Fescue grass			Clover		
	LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
15	3,5	6,4	11,8	2,8	5,1	9,4	12,6		
20	4,7	8,6	15,7	3,8	6,9	12,6	16,9		
25	5,8	10,7	19,6	4,6	8,6	15,7	20,8		
30	7,0	12,8	23,5	5,6	10,2	18,8			

Fig. 3G.

Fig. 3H.

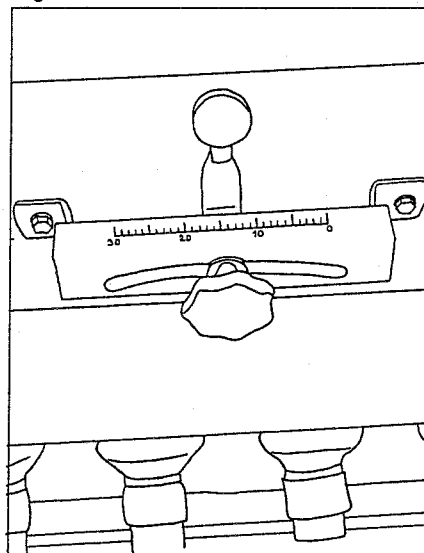
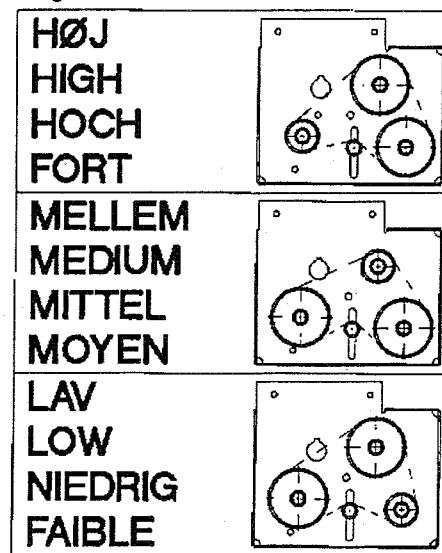


Fig. 3I.



3. Setting up

FS 3000 Test sowing

Lift the driving wheel into transport position. See fig. 3J.

Place the scale of the seed drill on zero. See fig. 3K.

Turn the driving wheel a few times to ensure that seed is running out of all seed housings. Empty the calibration tray, and when it is replaced the calibration test can be carried out.

Turn the calibration handle for sowing of 1/20 ha.

3,00 m = 69 revolutions.

4,00 m = 51,5 revolutions.

See fig. 3J.

The content of the calibration tray should be weighed and the number multiplied by 20 in order to obtain kg/ha.

The calibration test is repeated until the correct setting for the required sowing rate is found.

The seed box is not filled completely until just before sowing is started in the field. This way you avoid packing of the seeds during transport.

It is recommended to stir the fine seeds by hand before each filling.

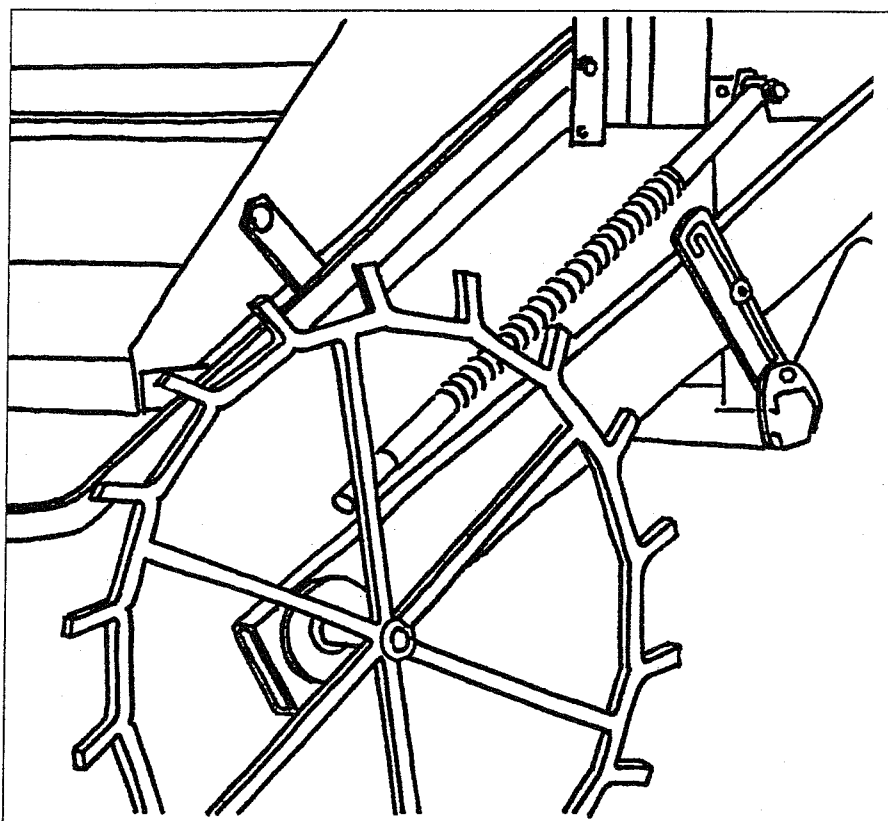


Fig. 3J

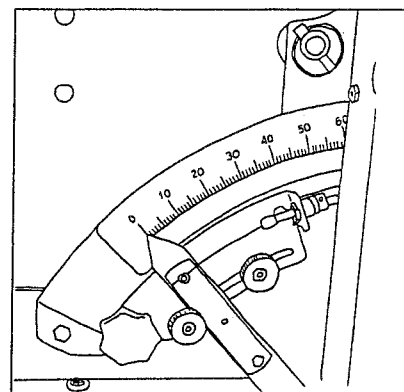


Fig. 3K.

4. Reservedele

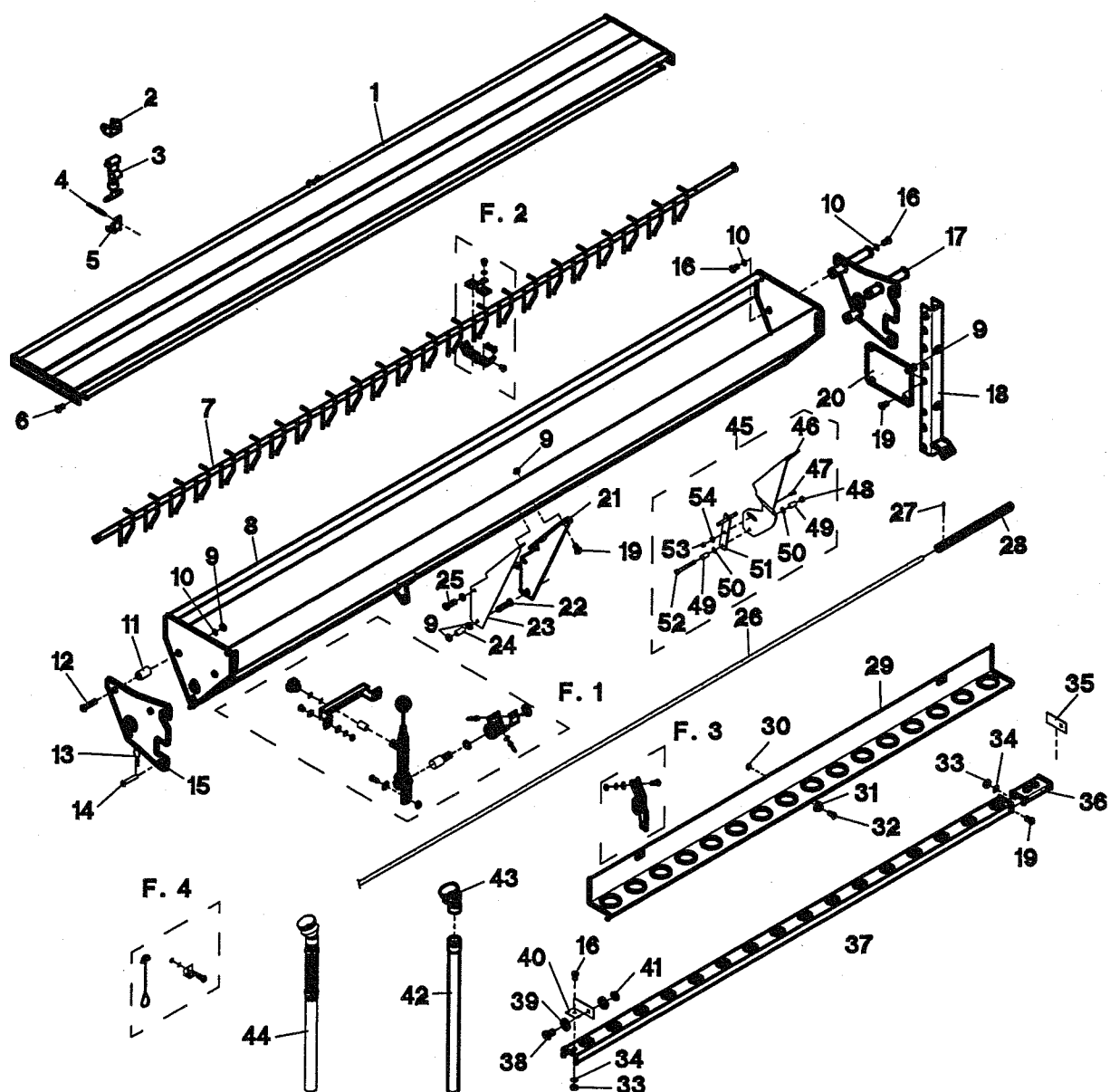
Oversigt

Reservedelsfortegnelse med tilhørende tegninger er opdelt således:

	Side
FS 2000	
Såkasse	4.2
Dele for såkasse	4.4
Transmission	4.6
Transmission fra kørehjul	4.8
FS 3000	
Såkasse	4.10
Dele for såkasse	4.12
Transmission	4.14
Gangrist	4.16

4. Reservedele

Såkasse



4. Reservedele

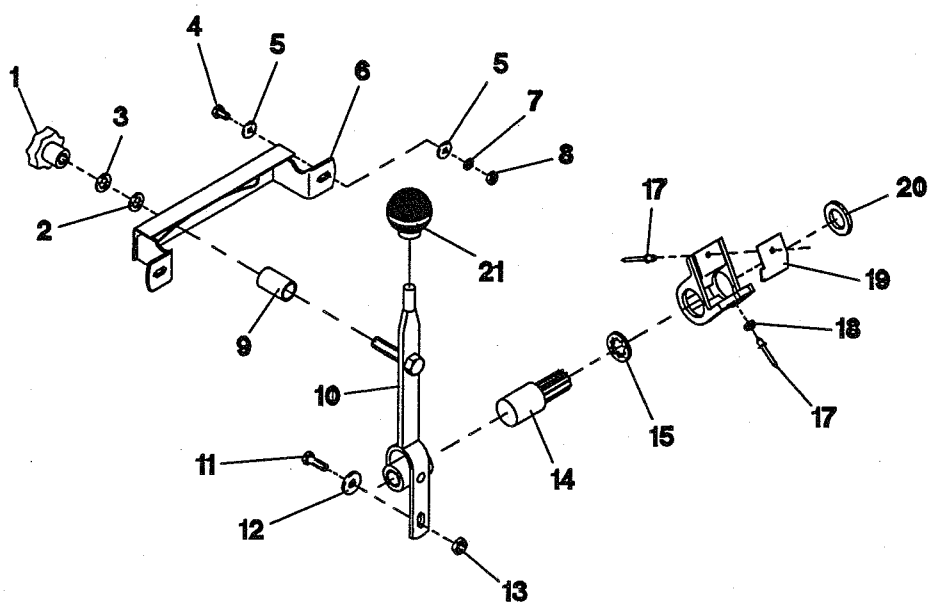
Såkasse

Position	Ref.	Benævnelse	Position	Ref.	Benævnelse
1	2155337	Låg FS 4.0	29	2154800	Holder f. sårør 16 rk.
1	2155335	Låg FS 3.0	29	2154801	Holder f. sårør 12 rk.
2	356316	Holder f. gummistrop	29	2154802	Holder f. sårør 11 rk.
3	356315	Gummistrop m. splitbolt	30	544607	Låsemøtrik M6 DIN 985
4	556840	Popnitte Ø 4,0x10	31	356499	Fæste f. fjongstrop 05-847
5	356310	Hjælmholder for RH 1B udtøm	32	550120	Sætskrue M6x20
6	550225	Sætskrue M8x25	33	544609	Låsemøtrik M8 DIN 985
7	2155227	Røreksel FS 2030	34	546108	Facetskive 5/16"
7	2155228	Røreksel FS 2040	35	2151602	Holder, højre
8	2154785	Frøsåkasse 4.0	36	2154993	Mellemstykke
8	2154784	Frøsåkasse 3.0	37	2151596	Hulskinne L=2730
9	544108	Møtrik M8 DIN 934-8	37	2155203	Hulskinne L=1834
10	546508	Centerfjederskive M8	38	550425	Sætskrue M12x25
11	2155212	Bøsning Ø 25/Ø 9 l = 43	39	546212	Plan skive M12
12	540460	Stålbolt M8x60	40	2151603	Holder, venstre
13	37178	Fingersplit m. stort øje	41	544613	Låsemøtrik M12 DIN 985
14	37022	Splitbolt, nitte Ø10x55	42	2153553	Plastsårør, kort
15	2155208	Ophæng, højre	43	2149465	Øverste bælg
16	550220	Sætskrue M8x20	44	2154859	Sårør flex
17	2155211	Ophæng, venstre	45	2158426	Beslag f. udtømningsbakke, kompl. FS 2030
18	2155206	U-beslag	46	2158422	Beslag f. udtømningsbakke
19	550216	Sætskrue M8x16	47	550116	Sætskrue M6X16
20	2155213	Plade f. udtømningsbakke	48	544609	Låsemøtrik M8 DIN985
21	2155215	Beslag f. udtømningsbakke FS 2040	49	2157495	Bøsning
22	540450	Stålbolt M8x50	50	546108	Facetskive 5/16"
23	2155216	Beslag f. udtømningsbakke FS 2040	51	2158425	Vippe tang
24	2155230	Beskyttelseshætte	52	0602497	Sætskrue M8x70
25	540440	Stålbolt M8x40	53	544106	Møtrik M6 DIN 934-8
26	2154793	Såaksel FS L=3494	54	2154999	Bøsning
26	2154792	Såaksel FS L=2426			
27	513616	Spændstift Ø 5x16			
28	2155217	Akseltap			

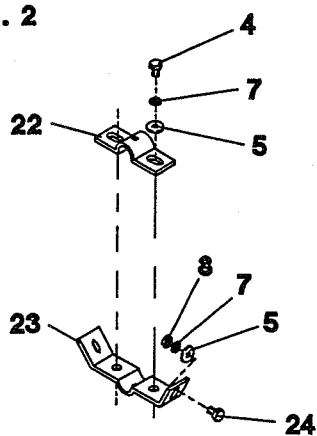
4. Reservedele

Dele for såkasse

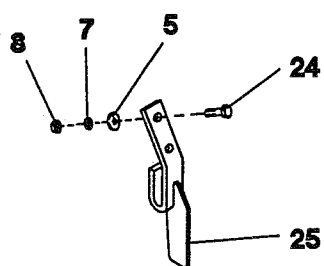
F. 1



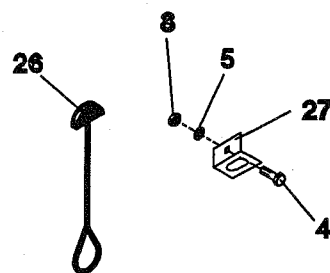
F. 2



F. 3



F. 4



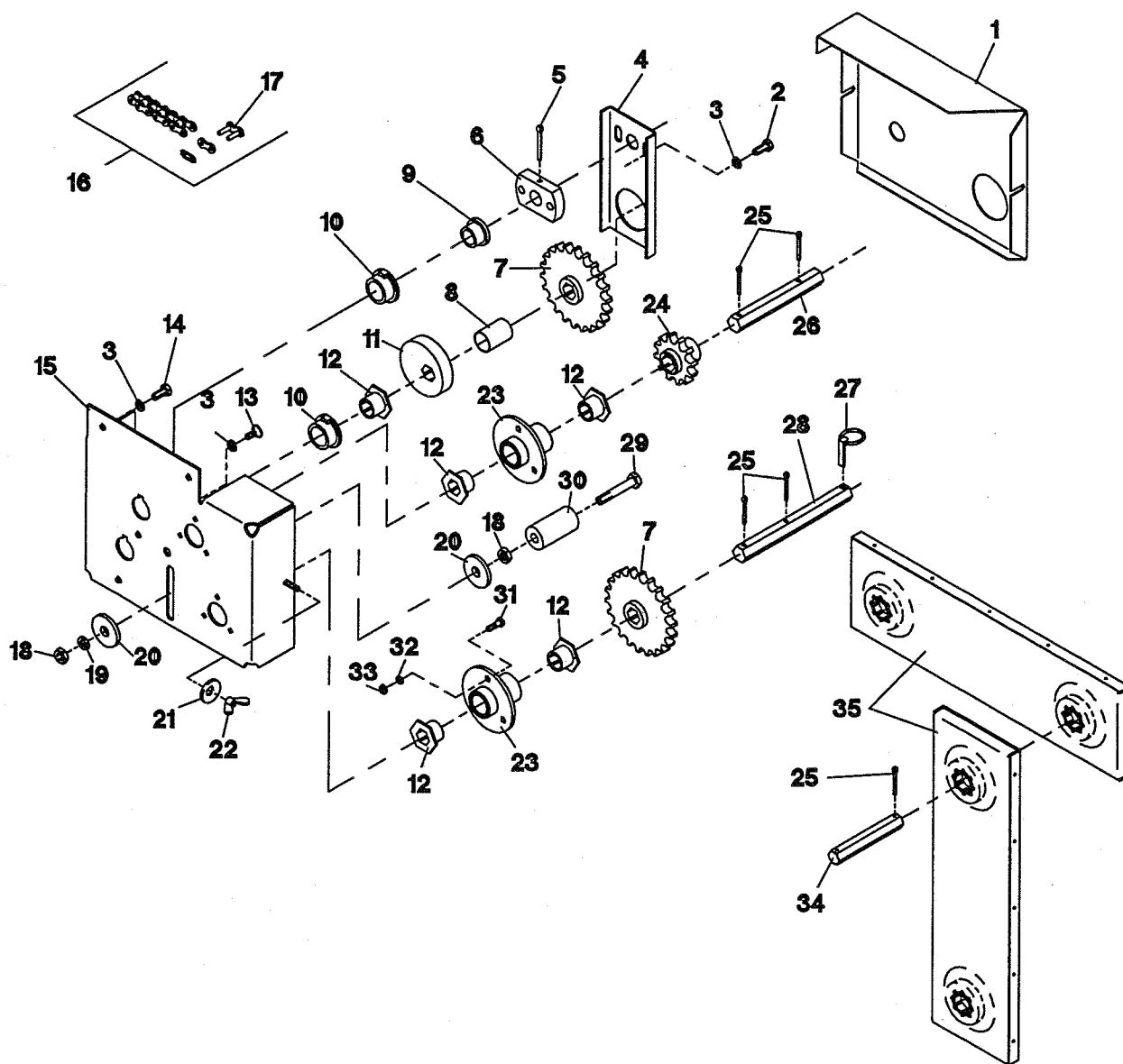
4. Reservedele

Dele for såkasse

Position	Ref.	Benævnelse
1	601053	Betjeningsgreb
2	546210	Plan skive M10
3	546510	Centerfjederskive M10
4	550112	Sætskrue M6x12
5	546206	Plan skive M6
6	27162	Skala
7	546506	Centerfjederskive M6
8	544106	Møtrik M6 DIN 934-8
9	27150	Afstandsstykke
10	2154817	Stillehåndtag
11	550225	Sætskrue M8x25
12	546208	Plan skive M8
13	546108	Facetskive 5/16"
14	26821	Såhjul (urea)
15	26822	Afstrygerring
16	26820	Såhus
17	556850	Popnitte Ø 4,8x8,6
18	546105	Facetskive 3/16"
19	26965	Afstrygerplade
20	27136	Trykring
21	310180	Kuglegreb Ø32/10
22	25103	Rørakselleje overdel
23	2002190	Rørakselleje underdel
24	550116	Sætskrue M6x16
25	2154799	Hængsel
26	356410	Fjongstrop nr. 5-4006 150 mm
27	2002192	Stropfæste

4. Reservedele

Transmission



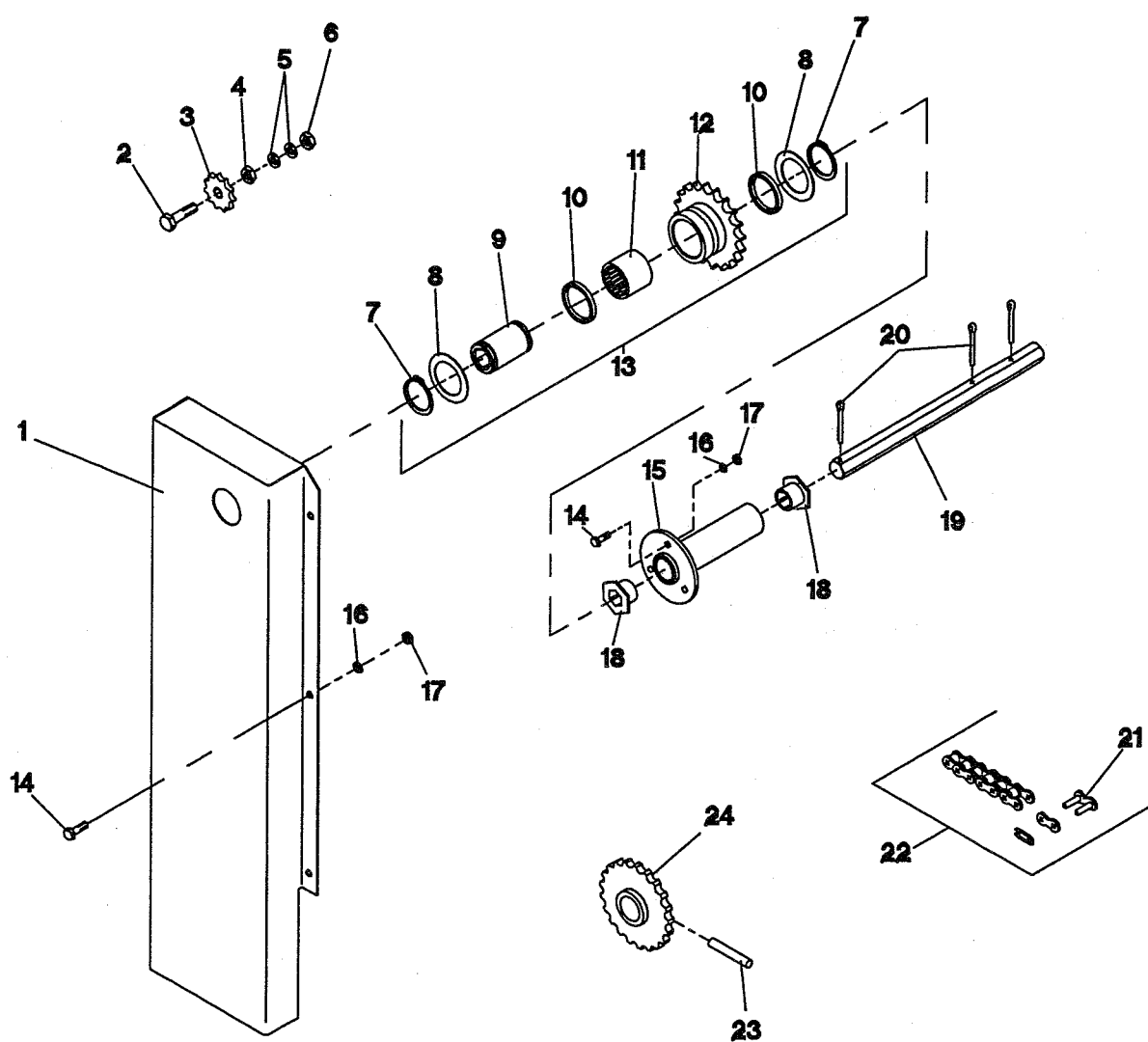
4. Reservedele

Transmission

Position	Ref.	Benævnelse	Position	Ref.	Benævnelse
1	2155229	Skærm	33	544106	Møtrik M6
2	550216	Sætskrue M8x16	34	2155231	Aksel
3	546508	Centerfjederskive M8	35	2155232	Kassette L=332
4	2148435	Medbringer			
5	600063	Spændstift			
6	2148436	Nav for medbringer			
7	2003974	Kædehjul 22 Z			
8	2003998	Afstandsstykke			
9	110210	Bøsning 16/22x16 - 28x4			
10	25095	Leje			
11	2002185	Excentrik			
12	25156	Lejebøsning			
13	0602145	Unbraco M8x20 UH			
14	550220	Sætskrue M8x20			
15	2151569	Inderskærm			
16	2149260	Kæde 53 + 1			
17	0602373	Kædesamleled lige 08B-1			
18	544110	Møtrik M10			
19	546510	Centerfjederskive M10			
20	41714	Spændestykke Ø35x10,5x4			
21	29426	Underlagsskive			
22	544507	Fløj møtrik M6			
23	2003967	Lejehus			
24	45691	Kædehjul 12 Z			
25	547330	Split Ø 4,0x30 DIN 94			
26	2003971	Aksel			
27	226320	Sikrings split Ø 6 ring Ø 41			
28	2151566	Aksel			
29	540580	Stålbolt M10x80			
30	2003995	Strammerulle			
31	550116	Sætskrue M6x16			
32	546506	Centerfjederskive M6			

4. Reservedele

Transmission fra kørehjul



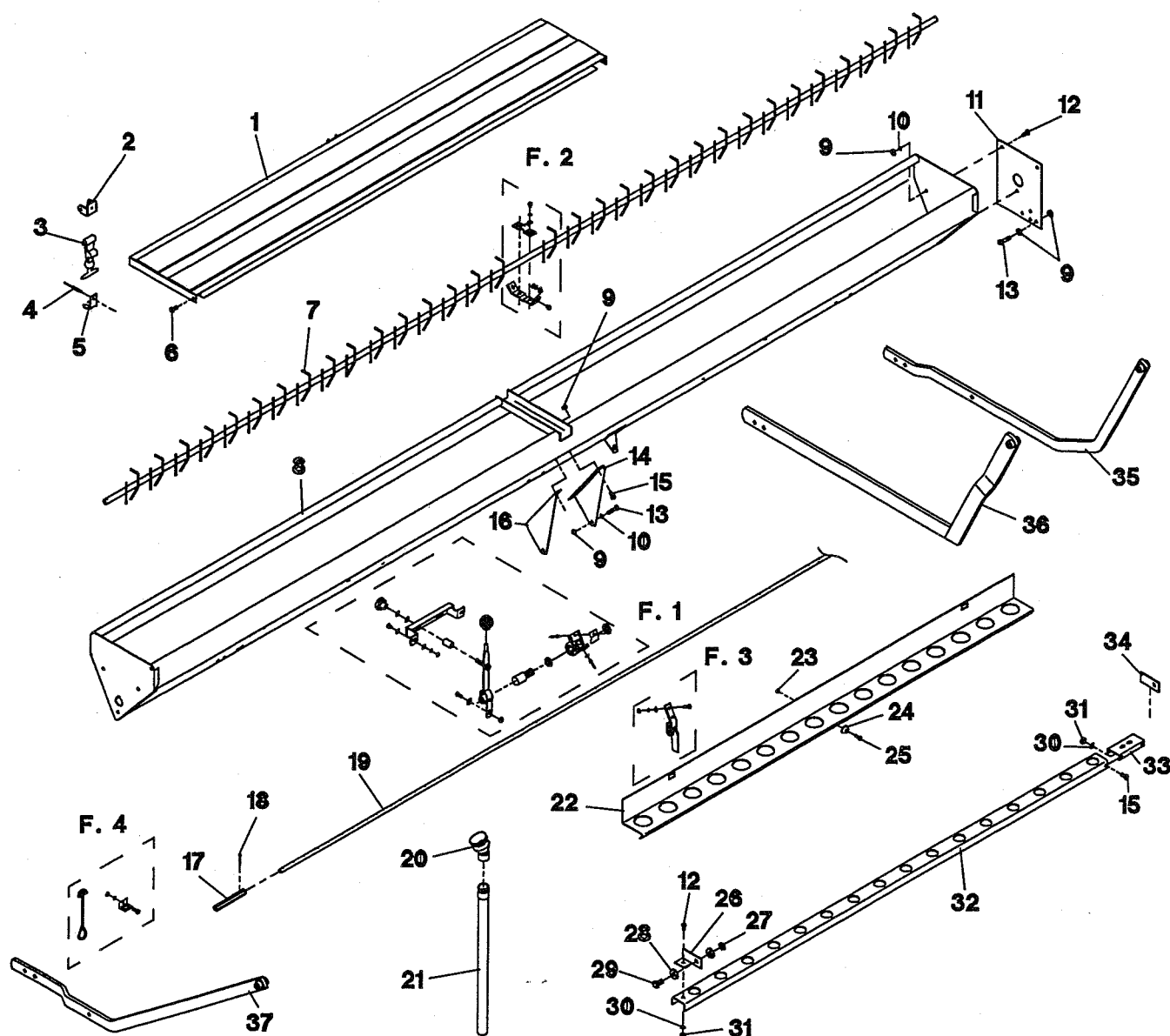
4. Reservedele

Transmission fra kørehjul

Position	Ref.	Benævnelse
1	2155201	Skærm
2	540550	Stålbolt M10x50
3	28083	Strammehjul 11 Z
4	544710	Kontramøtrik M10
5	546110	Facetskive 3/8"
6	544110	Møtrik M10 DIN 934-8
7	515130	Låsering Ø 30 DIN 471
8	0602484	Tallerkenfjeder 46,5x30,5x0,6
9	2155222	Bøsning
10	0602304	Tætningsring 30x37x4
11	0602302	Kugleleje friløb
12	2149975	Kædehjul 20 Z 08B-1
13	2155223	Kædehjul 20 Z, komplet
14	550116	Sætskrue M6x16
15	2155220	Lejehus
16	546506	Centerfjederskive M6
17	544106	Møtrik M6 DIN 934-8
18	25156	Lejebøsning
19	2155221	Aksel L=261
20	547330	Split Ø 4,0x30 DIN 94
21	0602373	Kæde samleled lige 08B-1
22	25966	Kæde 1/2" 99+1
23	548840	Spændstift Ø 8x40
24	2148992	Kædehjul 21 td. 1/2"

4. Reservedele

Såkasse



4. Reservedele

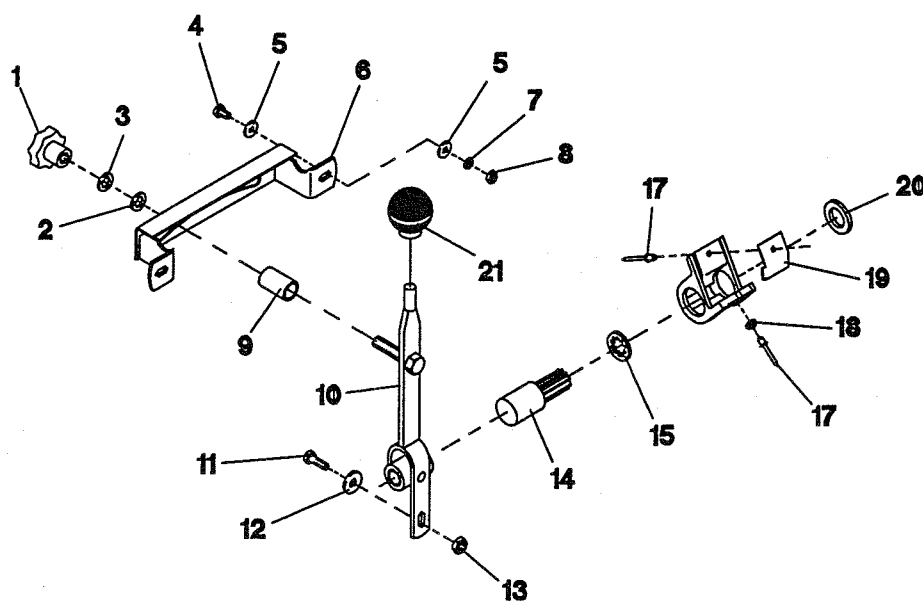
Såkasse

Position	Ref.	Benævnelse	Position	Ref.	Benævnelse
1	2154813	Låg FS 4.0	27	544613	Låsemøtrik M12 DIN 985
1	2154812	Låg FS 3.0	28	546212	Plan skive M12
2	356316	Holder f. gummistrop	29	550425	Sætskrue M12x25
3	356315	Gummistrop m. splitbolt	30	546108	Facetskive 5/16"
4	556840	Popnitte Ø 4,0x10	31	544609	Låsemøtrik M8 DIN 985
5	356310	Hjælholder for RH 1B	32	2155203	Hulskinne L=1834
6	550225	Sætskrue M8x25	32	2155202	Hulskinne L=2747
7	2154797	Røreaksel FS 4.0	33	2154993	Mellemstykke
7	2154796	Røreaksel FS 3.0	34	2151602	Holder, højre
8	2154785	Frøsåkasse 4.0	35	2154943	Efterharvearm
8	2154784	Frøsåkasse 3.0	36	2154947	Efterharvearm
9	544108	Møtrik M8 DIN 934-8	37	2154946	Efterharvearm
10	546508	Centerfjerskive M8			
11	2003287	Gavlplade			
12	550220	Sætskrue M8x20			
13	550240	Sætskrue M8x40			
14	2154857	Holder I			
15	550216	Sætskrue M8x16			
16	2154858	Holder II			
17	2002149	Akseltap FS			
18	513616	Spændstift Ø 5x16			
19	2154793	Såaksel FS L=3494			
19	2154792	Såaksel FS L=2426			
20	2149465	Øverste bælg			
21	2153553	Sårør L=550 mm			
22	2154800	Holder f. sårør 16 rk.			
22	2154801	Holder f. sårør 12 rk.			
22	2154802	Holder f. sårør 11 rk.			
23	544607	Låsemøtrik M6 DIN 985			
24	356499	Fæste for fjongstrop 05-847			
25	550120	Sætskrue M6x20			
26	2151603	Holder, venstre			

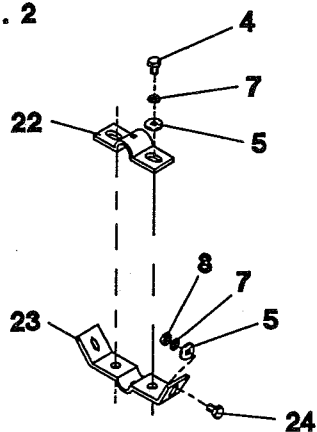
4. Reservedele

Dele for såkasse

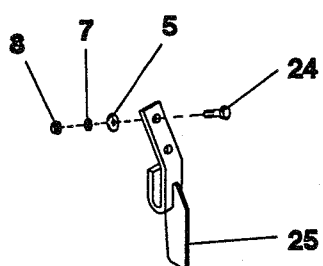
F. 1



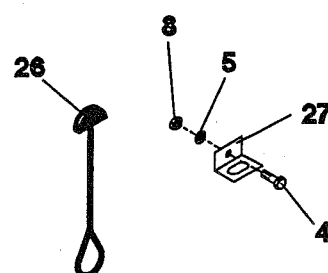
F. 2



F. 3



F. 4



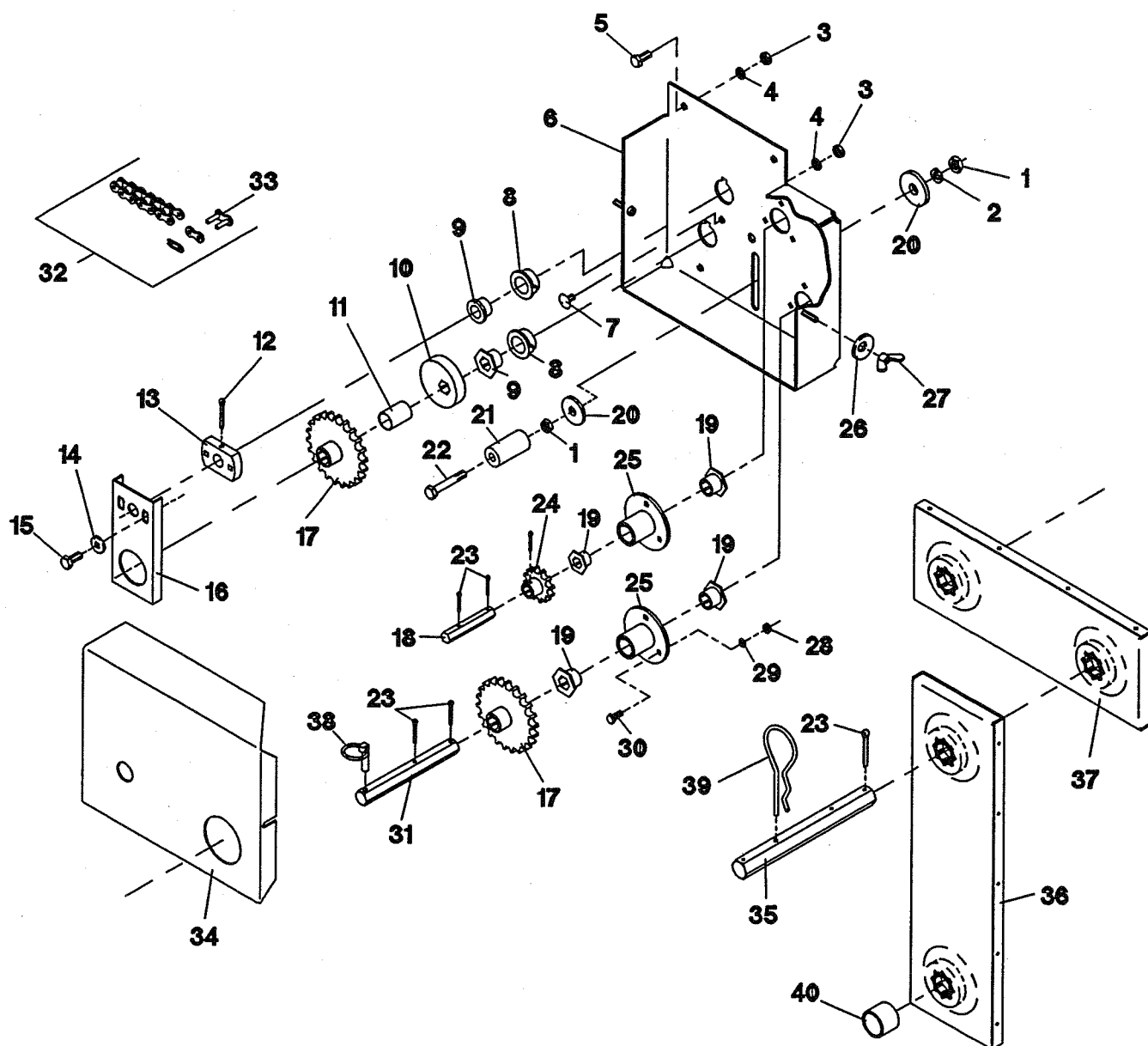
4. Reservedele

Dele for såkasse

Position	Ref.	Benævnelse
1	601053	Betjeningsgreb
2	546210	Plan skive M10
3	546510	Centerfjederskive M10
4	550112	Sætskrue M6x12
5	546206	Plan skive M6
6	27162	Skala
7	546506	Centerfjederskive M6
8	544106	Møtrik M6 DIN 934-8
9	27150	Afstandsstykke
10	2154817	Stillehåndtag
11	550225	Sætskrue M8x25
12	546208	Plan skive M8
13	546108	Facetskive 5/16"
14	26821	Såhjul (urea)
15	26822	Afstrygerring
16	26820	Såhus
17	556850	Popnitte Ø 4,8x8,6
18	546105	Facetskive 3/16"
19	26965	Afstrygerplade
20	27136	Trykring
21	310180	Kuglegreb Ø32/10
22	25103	Rørakselleje overdel
23	2002190	Rørakselleje underdel
24	550116	Sætskrue M6x16
25	2154799	Hængsel
26	356410	Fjongstrop nr. 5-4006 150 mm
27	2002192	Stropfæste

4. Reservedele

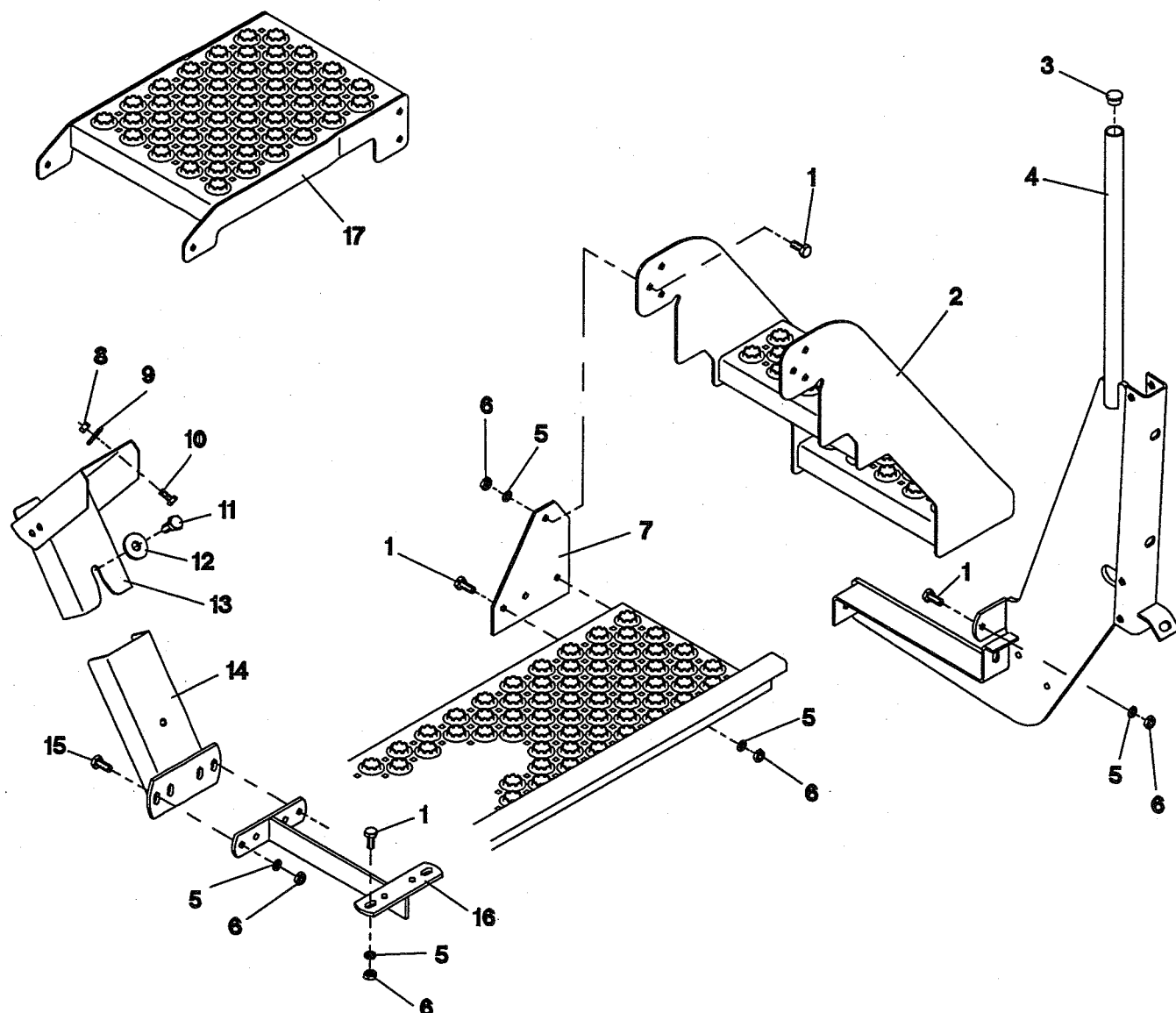
Transmission



4. Reservedele

Transmission

Position	Ref.	Benævnelse	Position	Ref.	Benævnelse
1	544110	Møtrik M10 DIN 934-8	33	0602373	Kæde samleled lige 08B-1
2	546510	Centerfjederskive M10	34	2154815	Skærm, buk
3	544108	Møtrik M8 DIN 934-8	35	2156126	Aksel L = 213
4	546508	Centerfjederskive M8	36	2156056	Kassette, komplet L=358
5	550220	Sætskrue M8x20	37	2154936	Kassette, komplet L=332
6	2154822	Inderskærm	38	226320	Sikringsplit Ø 6 ring Ø 41
7	544016	Bræddebolt M8x16	39	229520	Hårnålesplit Ø 4,0 mm
8	25095	Leje	40	2155613	Bøsning
9	110210	Bøsning 16/22x16 - 28x4			
10	2002185	Excentrik			
11	2003998	Afstandsstykke			
12	600063	Spændstift Ø 5x35			
13	2148436	Nav f. medbringer			
14	546108	Facetskive 5/16"			
15	550216	Sætskrue M8x16			
16	2148435	Medbringer			
17	2003974	Kædehjul 22 Z			
18	2003971	Aksel			
19	25156	Lejebøsning			
20	41714	Spændestykke Ø 35x10,5x4			
21	2003995	Strammerulle nylon			
22	540580	Stålbolt M10x80			
23	547330	Split Ø 4x30 DIN 94			
24	45691	Kædehjul 12 Z			
25	2003967	Lejehus			
26	29426	Underlagsskive			
27	544507	Fløj møtrik M6			
28	544106	Møtrik M6 DIN 934-8			
29	546506	Centerfjederskive M6			
30	550116	Sætskrue M6x16			
31	2151566	Aksel			
32	2149260	Kæde 53 + 1			



4. Reservedele

FS 3000 A Gangrist

Position	Ref.	Benævnelse
1	550325	Sætskrue M10x25
2	2154828	Trin, nederste
3	0602938	Dupsko DPD25 01
4	2154853	Holder for trin
5	546110	Facetskive 3/8"
6	544611	Låsemøtrik M10 DIN 985
7	2154836	Holder for trin
8	544609	Låsemøtrik M8 DIN 985
9	29503	Skive Ø 9 x Ø 32 x 3
10	550220	Sætskrue M8x20
11	550425	Sætskrue M12x25
12	42562	Skive Ø40x13x4
13	2154840	Ophæng
14	2154848	Beslag
15	550335	Sætskrue M10x35
16	2154852	Holder for såkasse
17	2154831	Mellemste trin



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