FiMAKS

FMDM 210
FMDM 245
FMDM 285
DISC MOWER
USER'S MANUAL

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Please, you should read and follow carefully the instructions inside this manual guide. You would stop probable accidents, also the guarantee would still valid and your machine would stay in a good working shape and new.

GENERAL INSTRUCTIONS

Dear Customer

You have just purchased Fimaks Disc Mower and we congratulate you on your choice.
This is a professional machine designed and manufactured with utmost care. Today, within your hands, you hold this machine's successful work force and long life term. You can use your machine for a long time with no problems provided that you read this manual carefully and follow the instructions of operation and maintenance.
This operation and maintenance manual consists of information to realize the below mentioned subjects:

- To learn about your Disc Mower better and to take advantage of all the advanced technological ease it has in the best working conditions.
- To obtain the best performance all the time by following the simple and this final operation and instructions manual.
- To take care of accidents with no harm and danger without losing time. The time you spend in reading this manual will be more than rewarded with the information and technical details you will obtain.

FİMAKS SERVICE

- Service begins with the delivery of the product. Please count the number of boxes delivered to ensure that all the necessary accessories for the machine exist in the boxes.
- Your authorized dealer is the only privileged person you should be conferring with. He is specially trained so that you can use your machine in the most appropriate way. They will help you solve your problems by providing you expert support.
- Service also means to provide the spare parts you need in the shortest possible time. FİMAKS guarantees to deliver to its authorized dealers in the shortest time possible.
- The operation life term of this machine is 10 years under normal operating conditions.

MACHINE SERIAL NUMBER LABEL

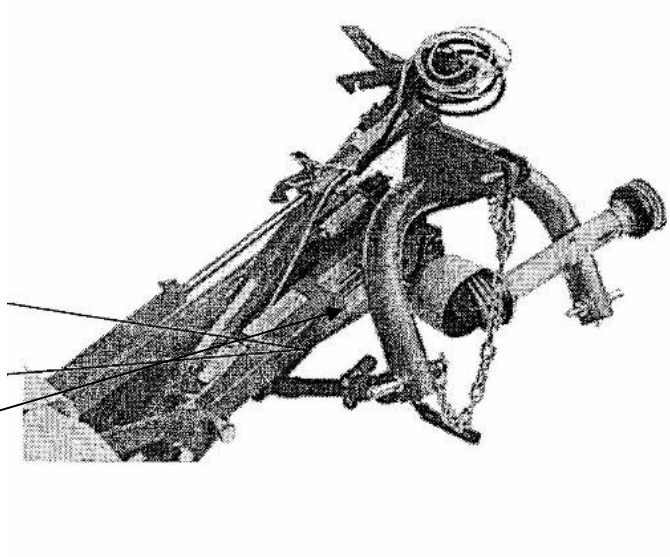
This label provides the identification of the manufacturing date of the machine, model and serial number. The label is on the main part of the machine.

FMDM 210: 5 disc- mowing width 2,20 m

FMDM 245: 6 disc- mowing width 2,45 m

FMDM 285: 7 disc- mowing width 2,85 m

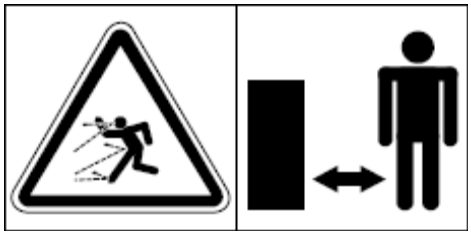
FİMAKS
Serial No:.....
Type:..... Date:.....



Let us see more closely which information is written on the serial number of your machine label below. Thanks to this plate, you hold all the necessary information in your hands that is likely to be needed by your authorized dealer or FİMAKS technician.

Type of Machine	:	
Serial Number	:	
Manufacturing Date	:	

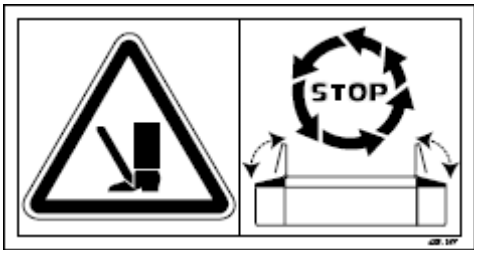
WARNING SIGNS



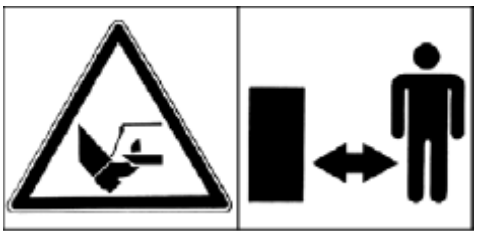
Danger - flying objects; keep safe distance from the machine as long as the engine is running.

Stay clear of swinging area of implements

Wait until all machine components have stopped completely before touching them.

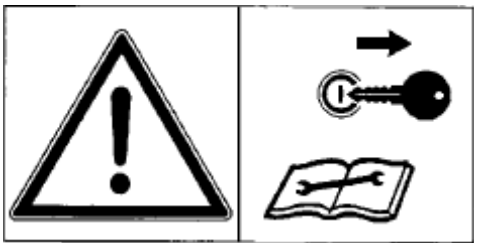


Close both side protective coverings before engaging p.t.o..



Stay clear of mower knife area as long as tractor engine is running with PTO connected.

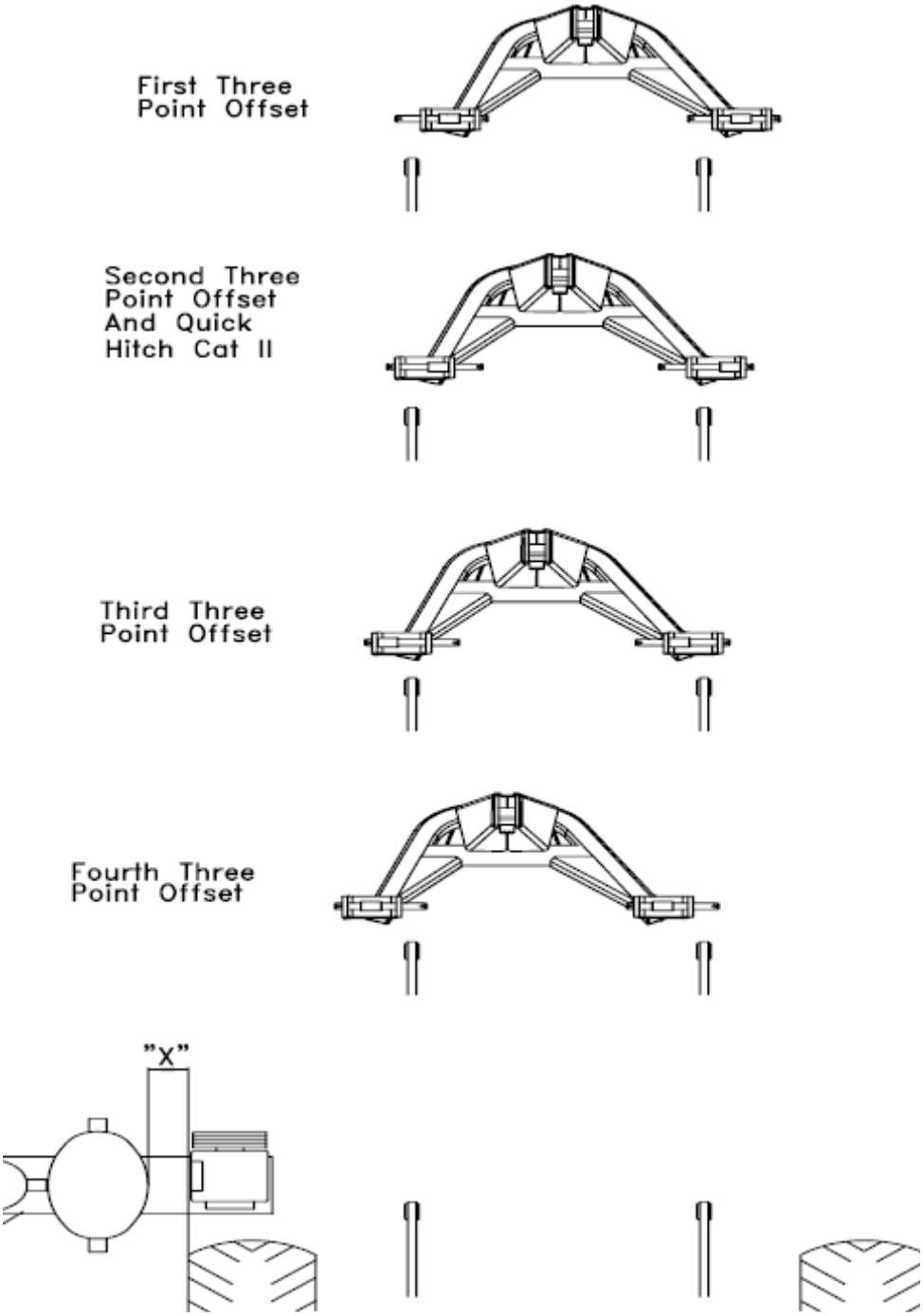
Never reach into the crushing danger area as long as parts may move.



Shut off engine and remove key before performing maintenance or repair work.

ATTACHING IMPLEMENT TO TRACTOR

The 3-point pins in the mower may be arranged four different ways to accommodate different tractor sizes. The first 3- offset arrangement shown below positions the first cutter blade closest to the tractor. Each arrangement thereafter is further away. Select a pin arrangement that will allow the first cutter blade to extend beyond the tractor's back right wheel far enough to cut a full mower swath without the tractor's wheel running over the material being cut.



Tractor wheel arrangement to mower cutter blade. “X” dimension should 10 cm or more.

WARNING: *Be sure the driveline is properly connected. A loose yoke could slip and cause personal injury or damage to the mower.*

CAUTION: *By their nature the rotary disc throws debris and although the curtain stops most of it, some debris is still thrown towards the operator. Select a tractor with a cab or shield to protect the operator from thrown debris.*

1. Back the tractor up to the disc mower so that the lower 3-point arms are aligned with the lower lift pins of the disc mower. Connect to lower 3-point arms with proper attaching hardware. Connect 3-point upper link.
2. Raise mower cutter bar off the ground slightly by actuating the hydraulic cylinder.
3. Adjust the length of the tractor's two sway link arms to prevent swaying from side to side.
4. The check chain is used when the tractor's 3-point hitch is unable to hold the mower in the working position. Attach the check chain to the top center link of the tractor making sure that the hitch stop pin is aligned with run indicator. This is known as the working position.

IMPORTANT: Mower must be leveled at the 3-point arms for mower and hitch level stop pin to work properly.

5. With mower attached, park tractor on a flat level surface and adjust lower 3-point draft arms to level the mower. Verify levelness by measuring the distance from center of connecting pins to the floor. This distance should be the same for both connecting pins.
6. Raise support leg and position it in the high position.

IMPORTANT: The tractor must have enough counter weight on the front to transport over rough terrain without the front wheels lifting off the ground.

7. Add ballast weights to the front of the tractor as needed to counter balance mower weight.

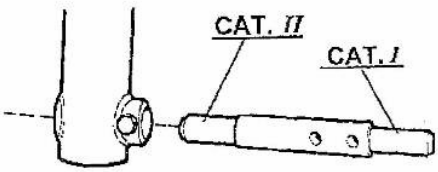


Fig. 1

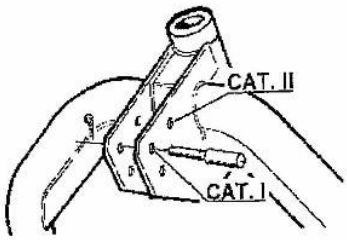


Fig. 2

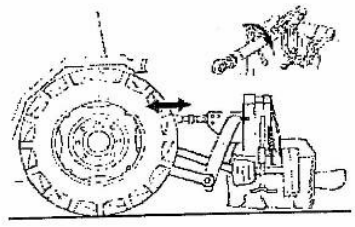


Fig. 3

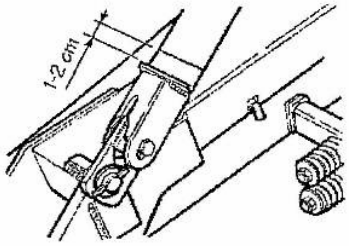


Fig. 4

ROAD TRANSPORT

CAUTION: *When traveling on public roads at night or during the day, use accessory lights and devices for adequate warning to operators of other vehicles. Comply with all federal, state and local laws.*

IMPORTANT: Always disengage the tractor's PTO before raising the mower to transport position.

NOTE: When raising the mower to the transport position be sure that PTO shaft does not contact tractor or mower.

1. Raise the cutter bar so it is in a vertical position.
2. Make sure transport lock engages.
3. Make sure the support leg is secured in the high position.
4. Approach the disc mower from the rear making sure the Slow Moving Vehicle emblem of the tractor is visible to oncoming traffic.
5. Select a safe ground speed when transporting from one area to another. When traveling on roadways, transport in such a way that faster moving vehicles may pass you safely.
6. When traveling over rough or hilly terrain, shift tractor to a lower gear.

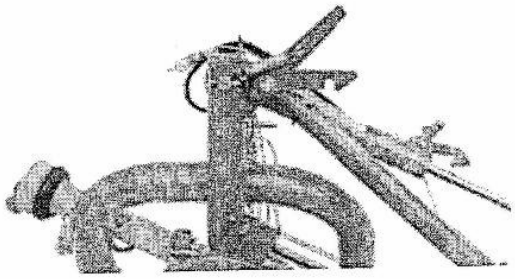


Fig . 1

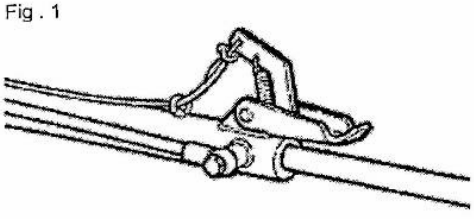


Fig . 3

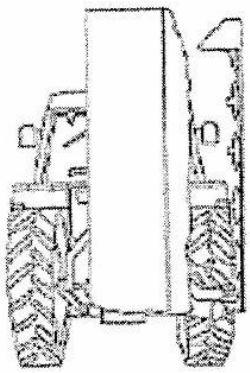
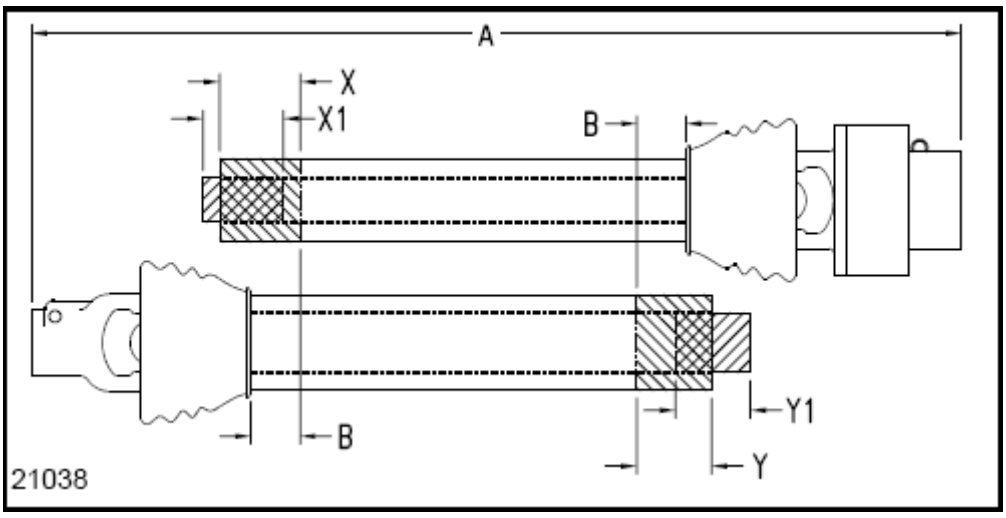


Fig . 2

1. Slide driveline end with extended safety cone over splined shaft of the gearbox and secure with attaching device.
2. Slide driveline over the tractor's splined PTO shaft. Secure with locking device of driveline.

3. Driveline should now be moved back and forth to insure that it is secure on the PTO shaft of the tractor and mower gearbox.

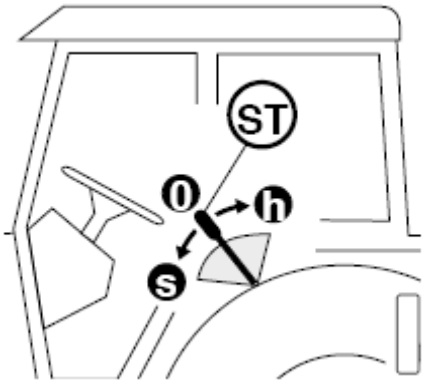


4. Should the driveline require shortening:
    1. Raise the tractor 3-point hitch so the input shaft of the mower gearbox is in line with the PTO shaft on the tractor. Shut down tractor, leaving cutter in position of shortest distance between shafts, refer to “A” dimension. Securely block mower in position.
    2. Pull driveline apart. Reattach outer sections to tractor and gearbox. Pull on drive line section to be sure that yoke locks into place.
    3. Hold driveline sections parallel to each other to determine if too long. Each section should end approximately 1" (“B” dimension) short of reaching universal joint shield on opposite section. If too long, measure 1" (“B” dimension) back from universal joint shield and mark on opposite section. Do this for both sections.
    4. Cut off shield where marked (“X” dimension). Cut shaft the same amount (“X” dimension).
5. Repeat the procedure to the other driveline half. Remove all burrs and cuttings.
6. Apply multi-purpose grease to inside of outer (female) driveline section. Assemble driveline and install on tractor and mower. Pull on each driveline section to be sure yokes lock into place. Make certain driveline shielding in place and in good condition.

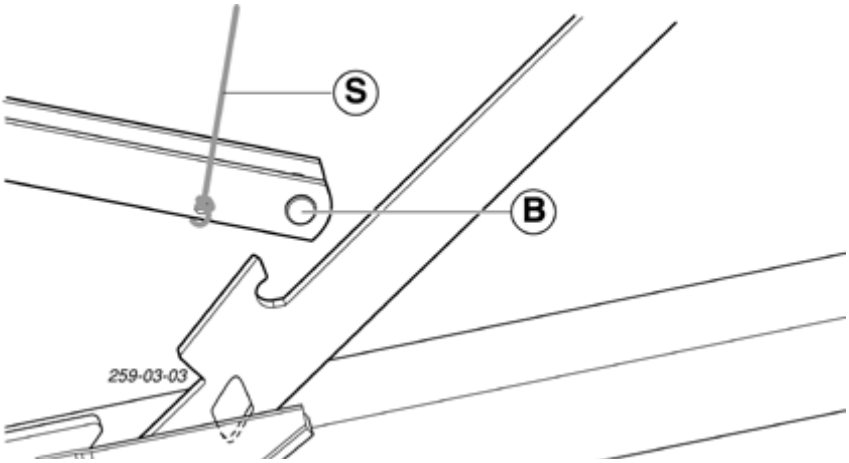
WORKING POSITION

WARNING: *Changing from transport position to working position is only to be carried out on even, firm ground. Make sure that swivel area is free and that nobody is standing in the danger area.*

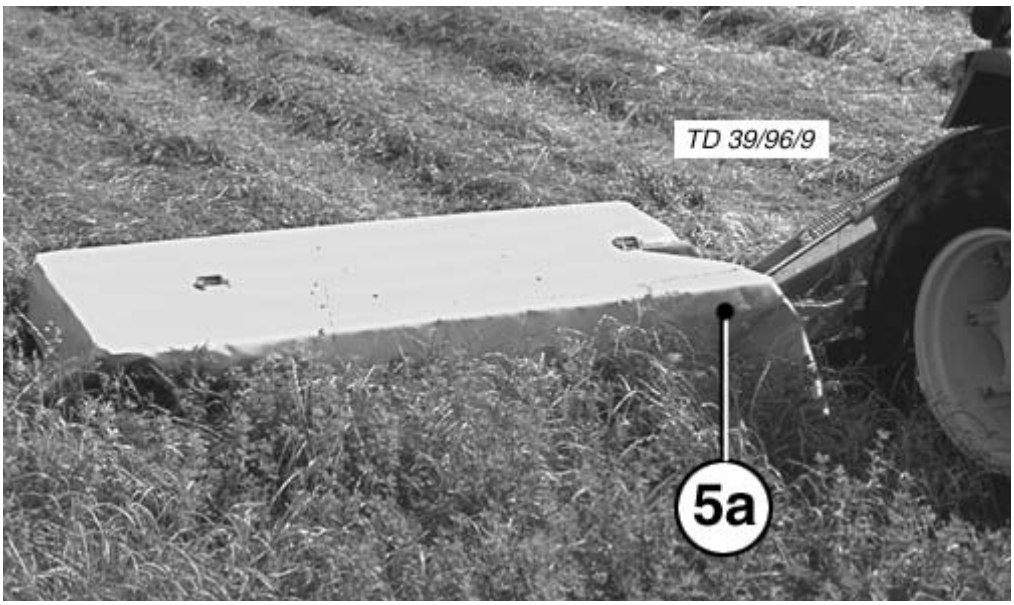
Starting position for lowering the cutter bar
1. Implement is attached to tractor
2. Cutter bar in transport position
3. Support stand swung up and secured



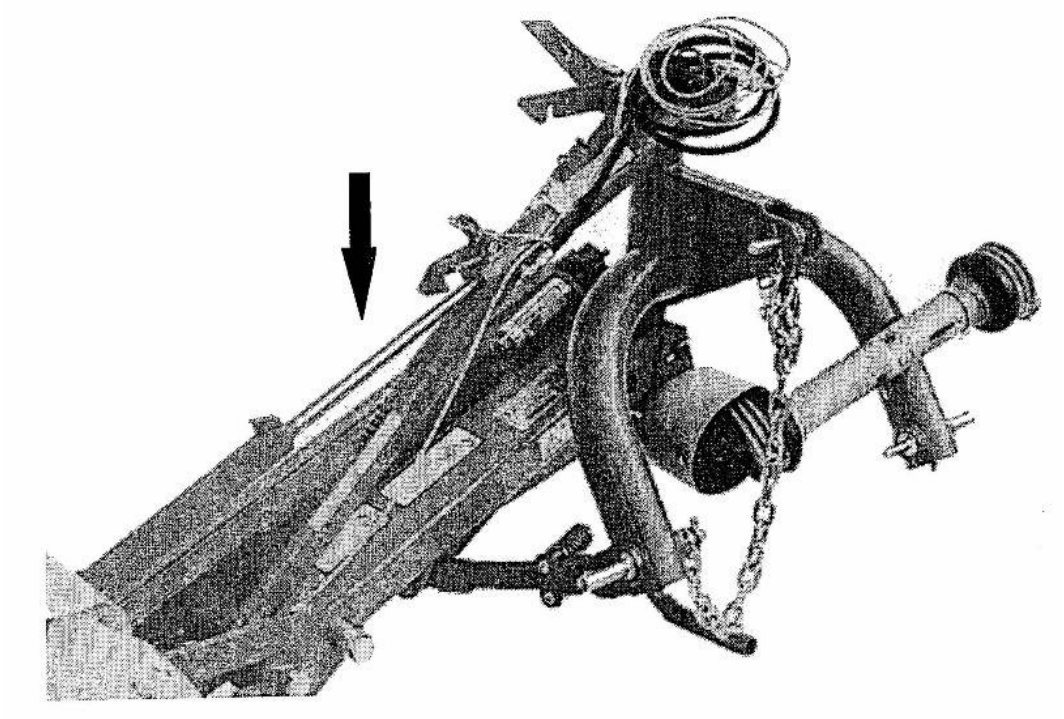
Swinging the cutter bar down.
1. Raise stop-lock support using rope (S)
- Put hydraulic control device (ST) briefly at "lift", in so doing the fixing of the stop-lock support is eased in the catch.
- Stop-lock support to position "B"
2. Lower cutter bar hydraulically to the ground
- Move hydraulic control valve (ST) to the “LOWER” position (S)
- release rope (S) during lowering
- Move hydraulic control valve (ST) to the “FLOAT POSITION” (only with double-action hydraulic control valve)



3. Set height of lifting gear (H1)
This lifting gear position (H1) does not need to be changed when mowing or turning. Using the tractor's lifting gear, raise or lower the implement until a gap of about (H1 = 0) is achieved
4. Close front protection covers (5a)
- Operation only with closed protection covers.



SUSPENSION ADJUSTMENT



Suspension provides knives to react different when the tractor is working on slopes.

Suspension rod is equipped with a spring which has a sign on its end.

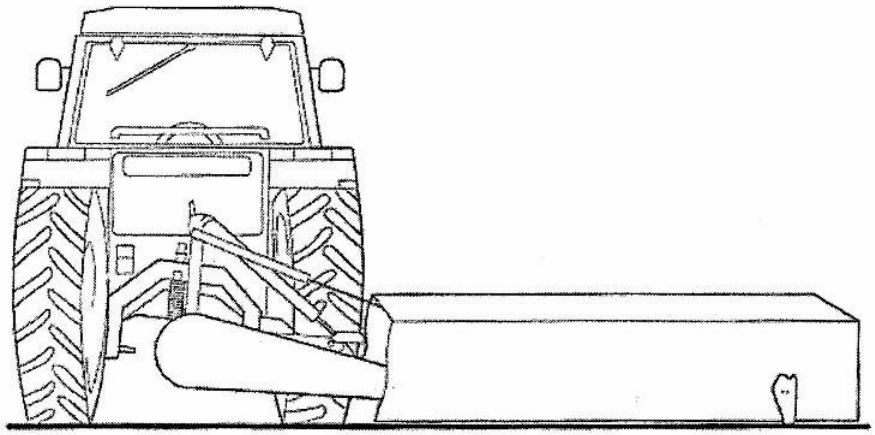
The sign is moveable opposite the table which is showing the suspension adjustment grades.

Generally suspension is between 14 and 21 which depends to speed and

High speed position 14

Low speed position 21

MOWING



1. Horizontally set lifting gear's lower link (Sp)
2. Adjust cutting height by turning upper link spindle (16)
- cutter disc inclination: max. 5°
3. Set height of lifting gear (H1).
4. Before mowing, throw-in p.t.o. slowly outside crop and bring mower drums up to full speed. Noises conditional to p.t.o. free-wheel system can be prevented through an even continuous increase in r.p.m.
- Traveling speed is set according to ground conditions and crop.
5. Hydraulic control valve (ST)
- Single action hydraulic control valve (ST) to “LOWER”
- Double-action hydraulic control valve (ST) to “FLOAT POSITION”

SAFETY BRAKE - AWAY

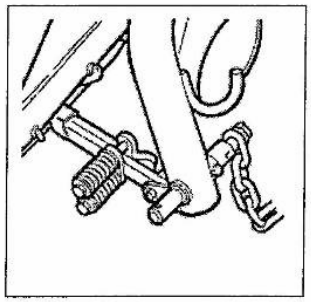


Fig. 1

The break-away latch allows the cutter bar to swing back if an obstruction is hit. If the latch releases, stop the tractor immediately, idle engine and disengage the PTO. To reset the cutter bar, back the mower slowly and carefully until break-away latch repositions. The factory setting of the latch is adapted to most working conditions. Check the cutter bar for any damage before resuming operation. If the cutter bar continues to break away after resetting, the pressure of the spring assembly can be increased. In all cases the length must not be less than 3 3/4” to 3 7/8” or safety disengagement cannot function. The stack of spring washers should be compressed to 3 3/4” to 3 7/8”.

BELT TENSION ADJUSTMENT

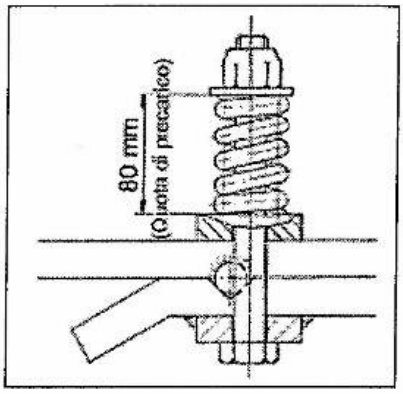


Fig. 3

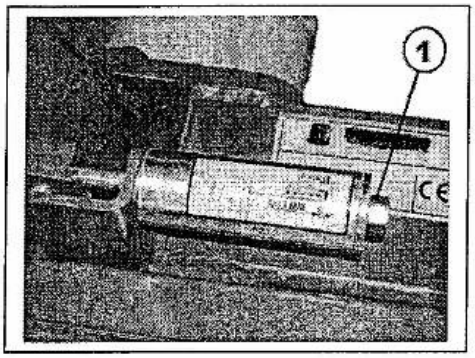


Fig. 2

Belt must be properly tensioned at all times to avoid excessive flopping and slipping. A loose belt will also cause poor cutting and premature wear. Check tightness of the belt regularly, especially when working the first few hours. Always retighten or check belt after 4-8 hours of operation.

1. Loosen main pivot bolt.
2. Tighten nut on the belt tension bolt until you have a 3/4” deflection using approximately 32 lbs. of force at midpoint between pulleys. Tighten main pivot bolt.

SERVICING BLADES

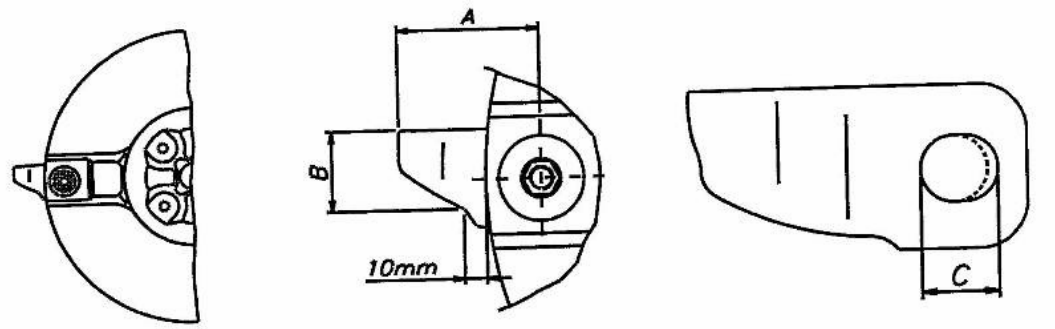


Fig 1

Cutting quality as well as safe operation depends on the regular inspection and care given to the knives.

WARNING: *To avoid personal injury when the blades and/or carrier are being serviced, always block the mower up to prevent it from falling.*

Check blades for cracks and wear and blade bolts for tightness daily. Blades should be replaced when they are worn excessively, bent, nicked, deformed, or out of balance. Blades are sharpened on both edges so that they may be turned over to extend their cutting life. Always turn over both blades on a cutter plate at the same time.

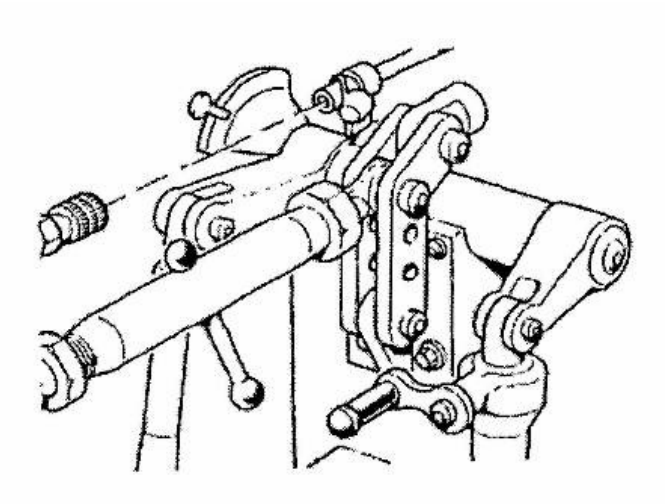
NOTE: Always replace damaged blades. Never straighten a bent blade. Never replace one knife only per disc. Always replace both of them to avoid creating an out-of-balance force.

CAUTION: *Replace with FIMAKS blades only. Substitute blades may not meet specifications and may fail in a hazardous manner that could cause injury.*

CAUTION: *When changing blades, always replace the blade bolt & blade nut together at the same time. Worn or damaged blade bolts or nuts could fail in a hazardous manner that could cause injury.*

NOTE: Always replace blades on cutterplates in pairs.

HYDRAULIC UNIT



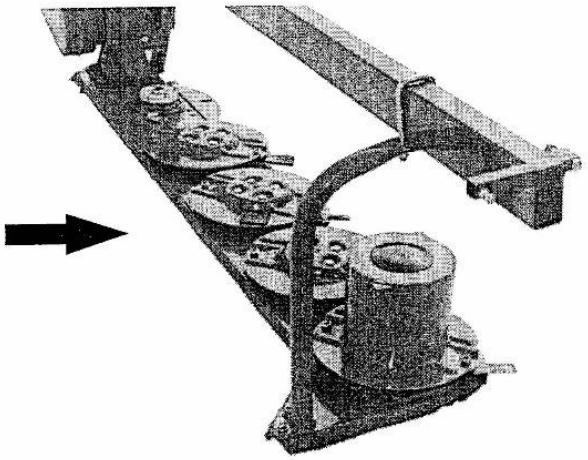
Caution! Danger of injury or infection!
Under high pressure, escaping fluids can penetrate the skin. Therefore seek immediate medical help!

After the first 10 operating hours and then every consecutive 50 operating hours

- Check the hydraulic unit and lines for tightness and retighten screw connections if necessary.

Before operation
- Check hydraulic hoses for wear. Replace worn or damaged hydraulic hoses immediately. The replacement hoses must meet the manufacturer's technical requirements. Hose lines are subject to natural ageing. The period of use should not exceed 5 – 6 years.

MAINTENANCE AND LUBRICATION



Cutter Bar: Check oil level in the cutter bar by removing the filler level plug with cutter bar in transport position.

- Change oil after the first 50 operating hours and then check it after every 40 operating hours. Under normal operating conditions, oil is to be replenished annually
(OIL LEVEL).
- Change oil after 300 ha at the latest.

IMPORTANT: The recommended oil quantity should not be exceeded. Results of overfilling will be overheating with potential for severe damage to the cutterbar. Mower should be level and cutter bar vertical when checking oil. Be sure to let cutting bar set in vertical position for a few minutes before checking to allow time for oil to flow to the bottom of bar.

Type of Lubrication: SAE 90 (EP) gear lube

Quantity = Fill until level with filler level plug hole. (See important note above.)

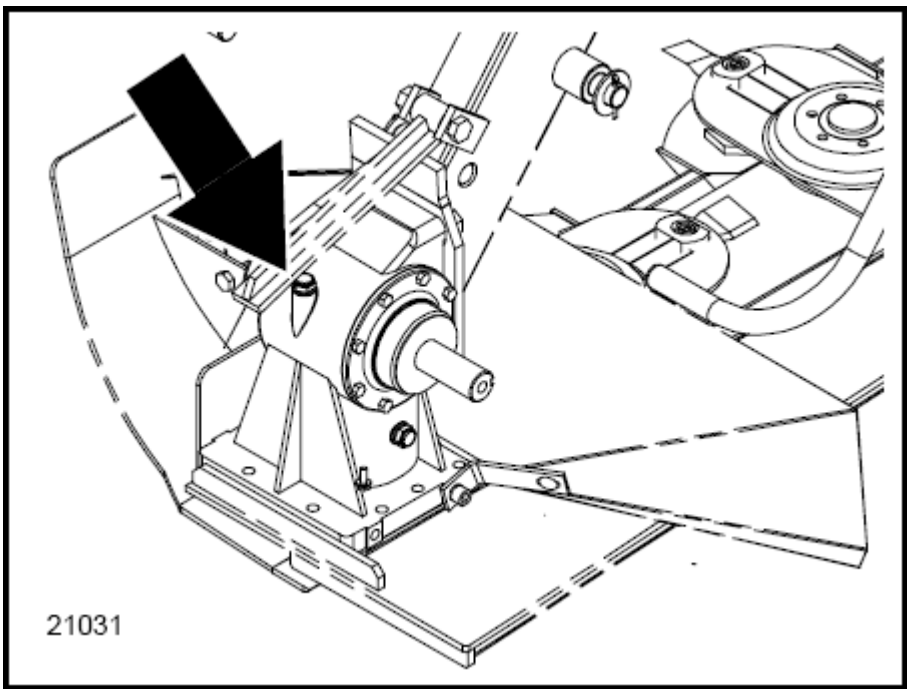
Cutter Bar Oil Capacity

FMDM 210	FMDM 245	FMDM 285
2,1 Liter	2,7 Liter	3,2 Liter

Gearbox: Check oil level in the gearbox by removing the oil fill plug and checking the dipstick. If the level is below line on the dipstick, add oil.

- Change oil after the first 50 operating hours and then check it after every 40 operating hours. Under normal operating conditions, oil is to be replenished annually
(OIL LEVEL).
- Change oil after 300 ha at the latest.
Quantity: 0,7 lt. SAE 90 (EP)

NOTE: Do not overfill. Mower should be level when checking oil.



Driveline Inner Tube (every 20 hours): Type of Lubrication: Multi-purpose Grease Quantity = Clean & coat the inner tube of the driveline with a light film of grease and then reassemble.

Driveline U-Joints (every 8 hours): Type of Lubrication: Multi-purpose Grease

Frame Pivot Point (every 20 hours): Type of Lubrication: Multi-purpose Grease

Hitch Pivot Point (every 20 hours): Type of Lubrication: Multi-purpose Grease

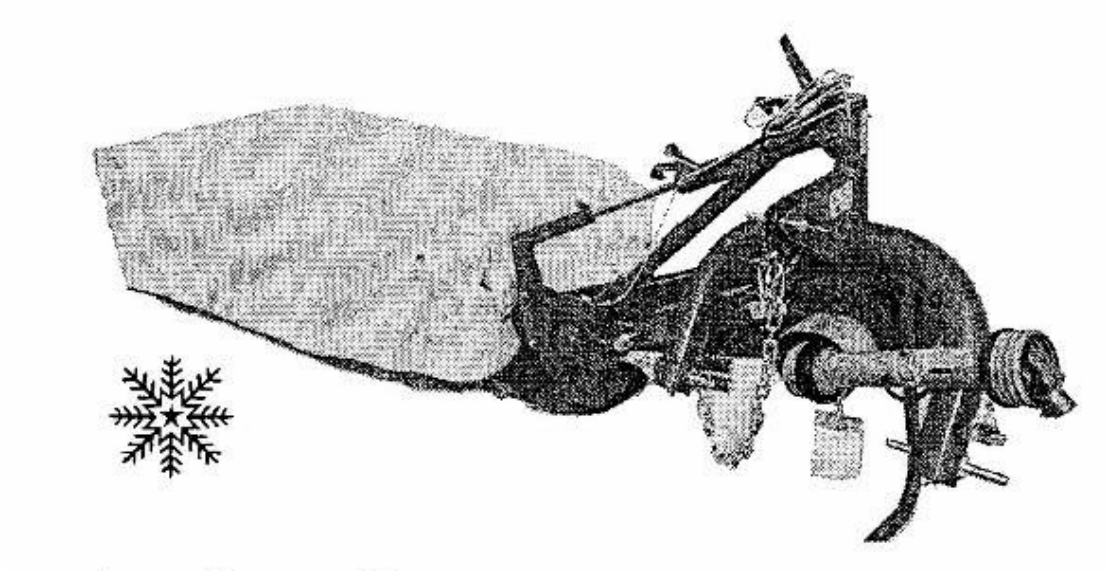
Check screws for tightness after first 8 operating hours and then after every 20 operating hours.

Check knives after every 8 operating hours.

TROUBLESHOOTING

Problem	Cause	Solution
Not cutting clean	Dull Blades.	Replace blades.
	Mower not level.	Adjust machine.
	Ground speed too fast.	Reduce ground speed.
	Blades locked back.	Free blades.
	Blade on wrong for rotation of disc	Change blade pairs for correct rotation blades
Streaking conditions in swath	Conditions too wet for cutting.	Allow grass to dry before cutting. Slow ground speed of tractor but keep engine running at full PTO rpm.
	Dull blades.	Sharpen or replace blades.
	Wet mud build-up between skid shoes.	Clean area between skids. Raise cutting height.
	Blade on wrong for rotation of disc	Change blade pairs for correct rotation blades
Gearbox noisy	Rough gears.	Run in or gear failure.
	Worn bearing.	Replace bearing.
Gearbox leaking	Damaged oil seal.	Replace seal.
	Bent shaft.	Replace oil seal and shaft.
	Oil seal not sealing in the housing.	Replace seal or use a sealant on OD of seal.
	Oil level too high.	Drain oil to proper level.
	Gasket damaged.	Replace gasket.
	Bolts loose.	Tighten bolts.
Uneven stubble	Too much tilt on cutter bar.	Reduce tilt.
	Low PTO speed.	Increase engine speed to run PTO at 540 rpm.
	Blades not installed correctly.	Make sure that the arrow on the knife upper face is pointing in the direction of rotation of the disc.
	Low disc speed.	Check belt for correct tension.
	Dull or broken blades.	Replace blades.
	3-point arms not level causing float mechanism to not function properly	Level three point arms
Stubble too long	Incorrect angle on cutter bar.	Change cutter bar angle using tractor top link.
	Insufficient cutter bar down pressure.	Adjust compensating spring tension.
	3-point arms not level causing float mechanism to not function properly	Level three point arms
Soil built up in front of cutter bar	Very wet conditions	Adjust main frame height by shortening safety chain as necessary.
	Too much cutter bar down pressure	Adjust compensating spring tension.
	3-point arms not level causing float mechanism to not function properly	Level three point arms
Machine breaking back too easily	Insufficient tension on break-away spring washers.	Tighten break-away spring.
	3-point arms not level causing float mechanism to not function properly	Level three point arms
	Belleville washers flattened	Replace with new Belleville washer part no.

STORAGE

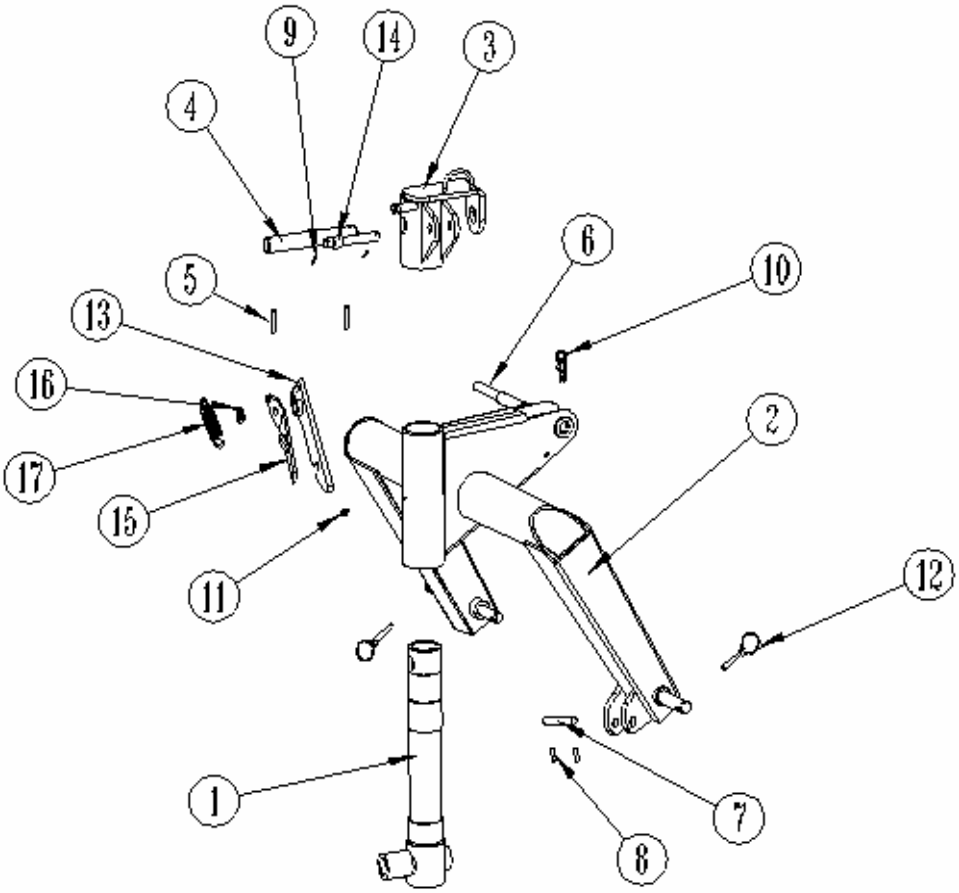


It is good practice to clean off any dirt or grease that may have accumulated on the mower and moving parts at the end of the working season or when the mower will not be used for a long time.

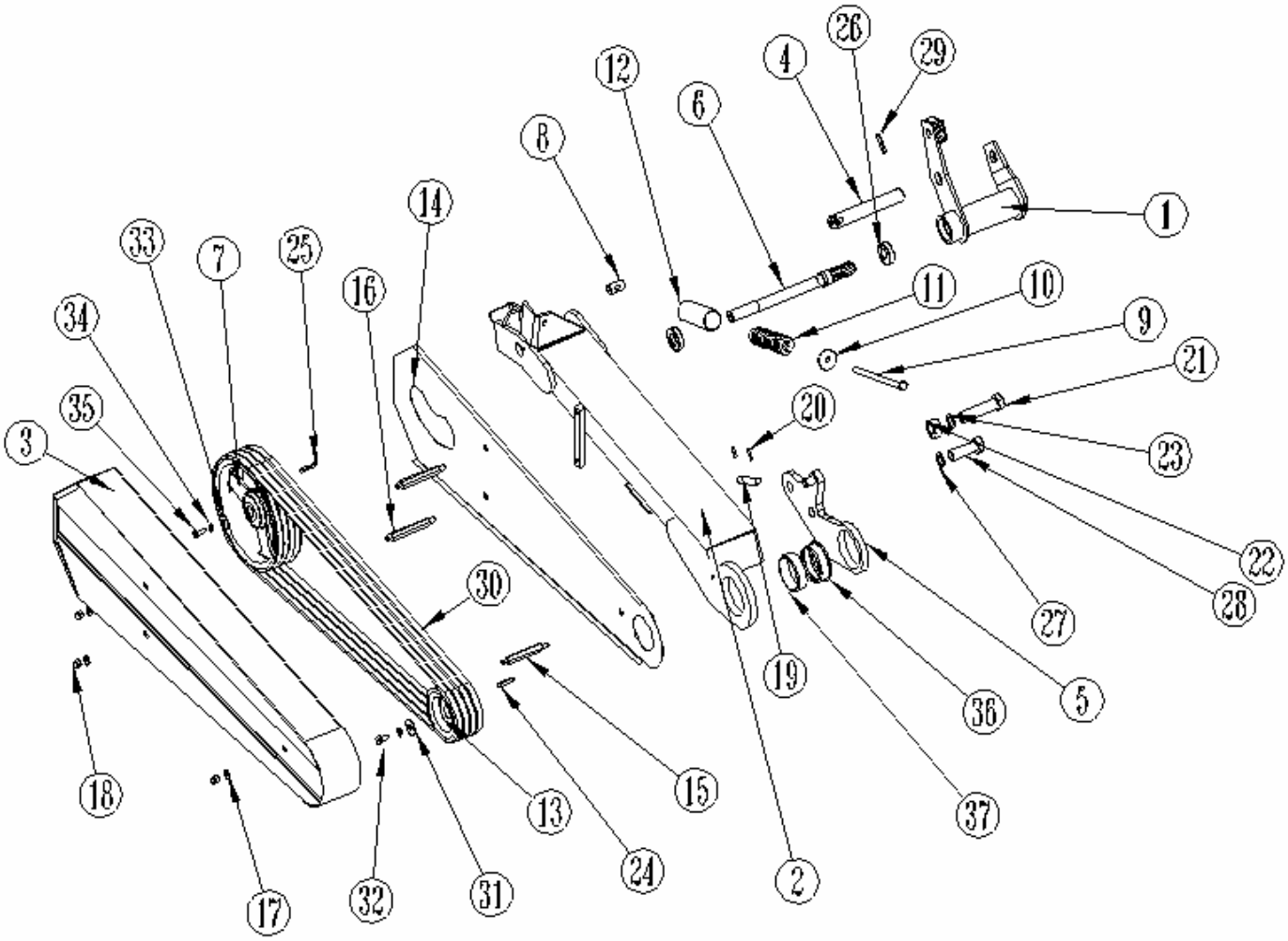
1. Clean the Disc Mower as necessary.
2. Check the blades and blade fasteners for wear and replace if necessary.
3. Inspect the mower for loose, damaged or worn parts and adjust or replace as needed.
4. Lubricate as noted.
5. Release tension on drive belt.
6. Move stroke control to disconnect position.
7. Store cutter bar in horizontal (operating) position.
8. Store the Disc Mower inside if possible for longer Disc Mower life.
9. Repaint parts where paint is worn or scratched to prevent rust.

SPECIFICATIONS

	FMDM 210	**FMDM 245**	**FMDM 285**
Three point linkage	Cat 2	Cat 2	Cat 2
Working width	2,10 m	2,45 m	2,85 m
No. of mowing discs	5	6	7
No. of knives per disc	10	12	14
Disc rpm	3000 rpm	3000 rpm	3000 rpm
Lift	Hydraulic	Hydraulic	Hydraulic
Required power	40 Hp	45 Hp	50 Hp
Working width with tractor	2,20 m	2,20 m	2,20 m
Weight	450 kg	480 kg	510 kg
Hydraulic equipage	1 SE	1 SE	1 SE

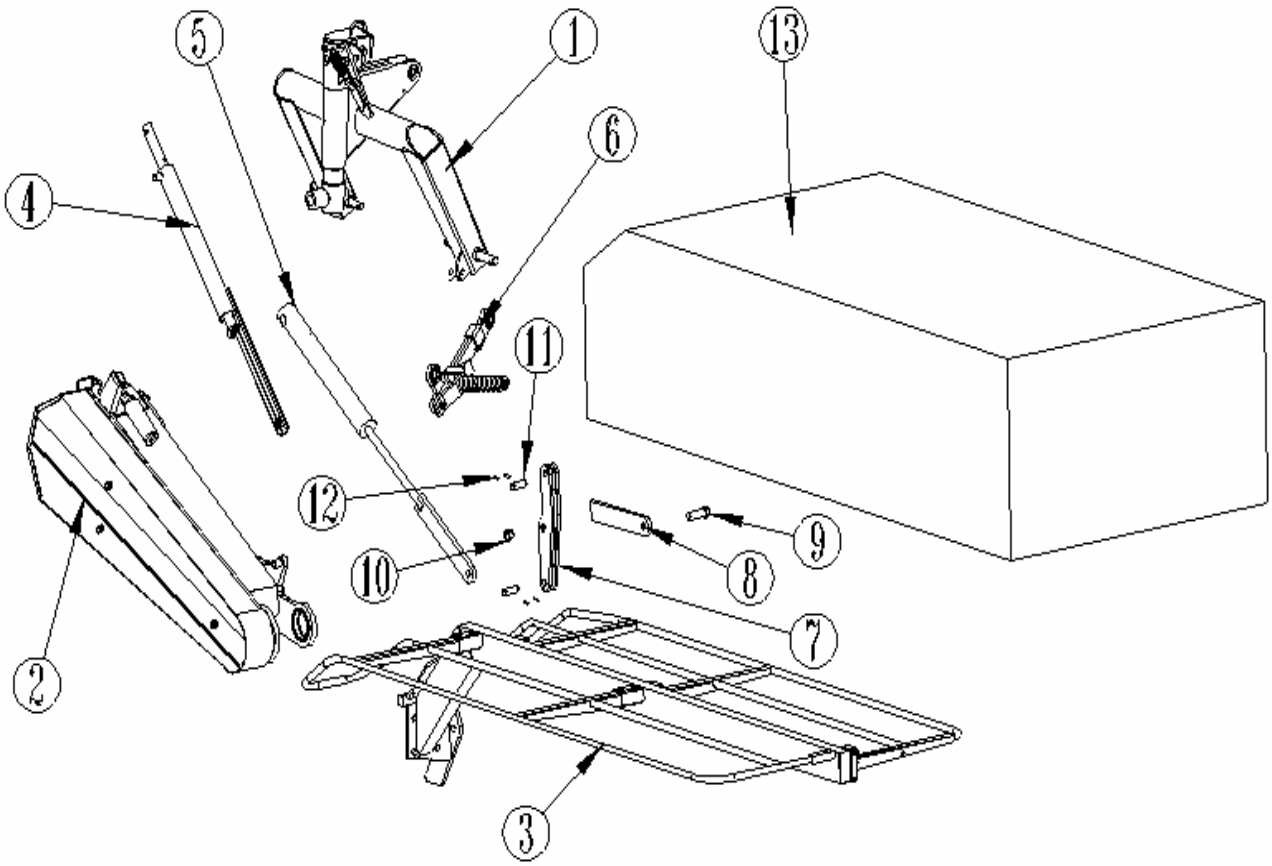


No	Referans/Referance	Adet/Qty	DESCRIPTION
1	44.01.00.00.000	1	CONNECTION SHAFT
2	44.02.00.00.000	1	HITCH ASSEMBLY
3	44.06.00.00.000	1	PIPE ASSEMBLY
4	44.00.00.00.008	1	CYLINDER PIN
5	100Y.M10X50	2	M10X50 COTTER PIN
6	44.00.00.00.011	1	UPPER PIN
7	44.00.00.00.012	1	CONNECTION PIN
8	100Y.M6X30	2	M6X30 COTTER PIN
9	100Y. M5X25	2	M5X25 COTTER PIN
10	100F.Ø5	1	Ø5 PIN
11	100GR.3/8"	1	GREASE NIPPLE 3/8"
12		2	SPRING PIN
13	44.11.00.00.001	1	LOCK METAL
14	44.11.00.00.002	1	LOCK PIN
15	44.11.00.00.004	1	SPRING METAL
16	44.11.00.00.005	1	LOCK WASHER
17	44.11.00.00.006	1	LOCK SPRING

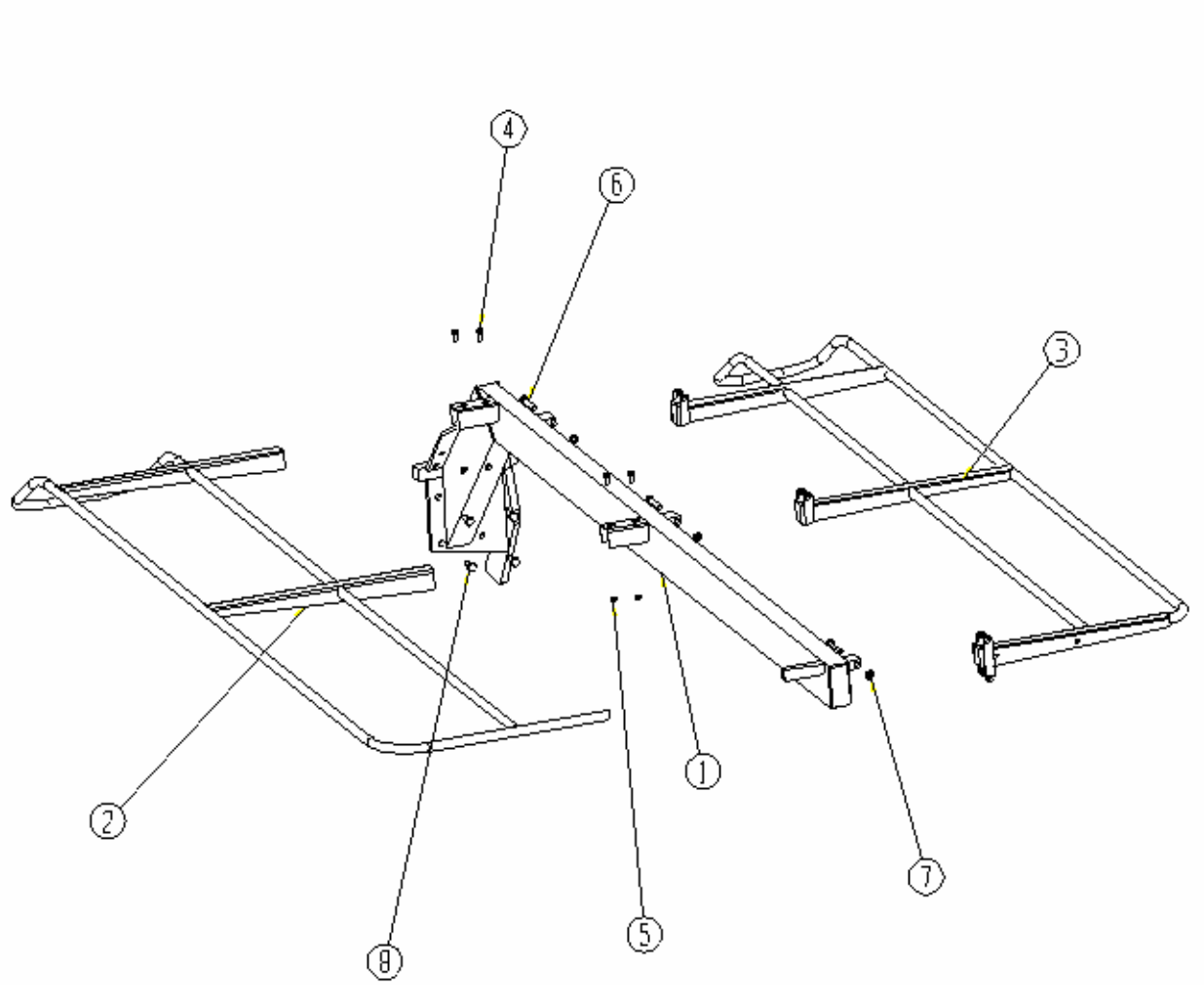


No	Referans/Referance	Adet/Qty	DESCRIPTION
1	44.03.00.00.000	1	WELDED ASSEMBLY
2	44.04.00.00.000	1	CHASSIS
3	44.09.00.00.000	1	GUARD
4	44.13.00.00.000	1	CHASSIS PIN
5	44.14.00.00.000	1	CONNECTION METAL
6	44.00.00.00.001	1	SHAFT
7	44.00.00.00.002	1	LARGE PULLEY
8	44.00.00.00.003	1	TRANSMISSION PIN
9	100C.M14X260	1	M14X260 BOLT
10	44.00.00.00.004	1	TRANSMISSION WASHER
11	44.00.00.00.005	1	LOCK SPRING
12	44.00.00.00.020	1	SPRING COVER
13	44.00.00.00.006	1	SMALL PULLEY
14	44.00.00.00.007	1	INNER GUARD
15	44.00.00.00.009	1	CONNECTION ROD
16	44.00.00.00.010	2	CONNECTION ROD
17	100P.M12	4	M12 WASHER

18	100S.M12	3	M12 HEAD NUT
19	44.00.00.00.012	1	PIN
20	100Y. M6X30	2	M6x30 COTTER PIN
21	100C.M27X110	1	M27X110 BOLT
22	44.00.00.00.016	1	BUSH
23	44.00.00.00.017	1	WASHER
24		1	10X8X50 KEY
25		1	10X8X75 KEY
26	100R.62062RS	2	6206 2RS BEARING
27	44.00.00.00.017	1	WASHER
28	100C.M27X80	1	M27X80 BOLT
29	100Y.M10X50	1	M10X50 COTTER PIN
30		4	17X2775 V-BELT
31	44.00.00.00.018	1	WASHER
32	100C.M12X25	1	M12X25 BOLT
33	44.00.00.00.019	1	WASHER
34	100P.M10	1	M10 WASHER
35	100C.M10X25	1	M10X25 BOLT
36	44.00.00.00.021	1	137 BRONZE BUSH
37	44.00.00.00.015	1	180 BRONZE BUSH

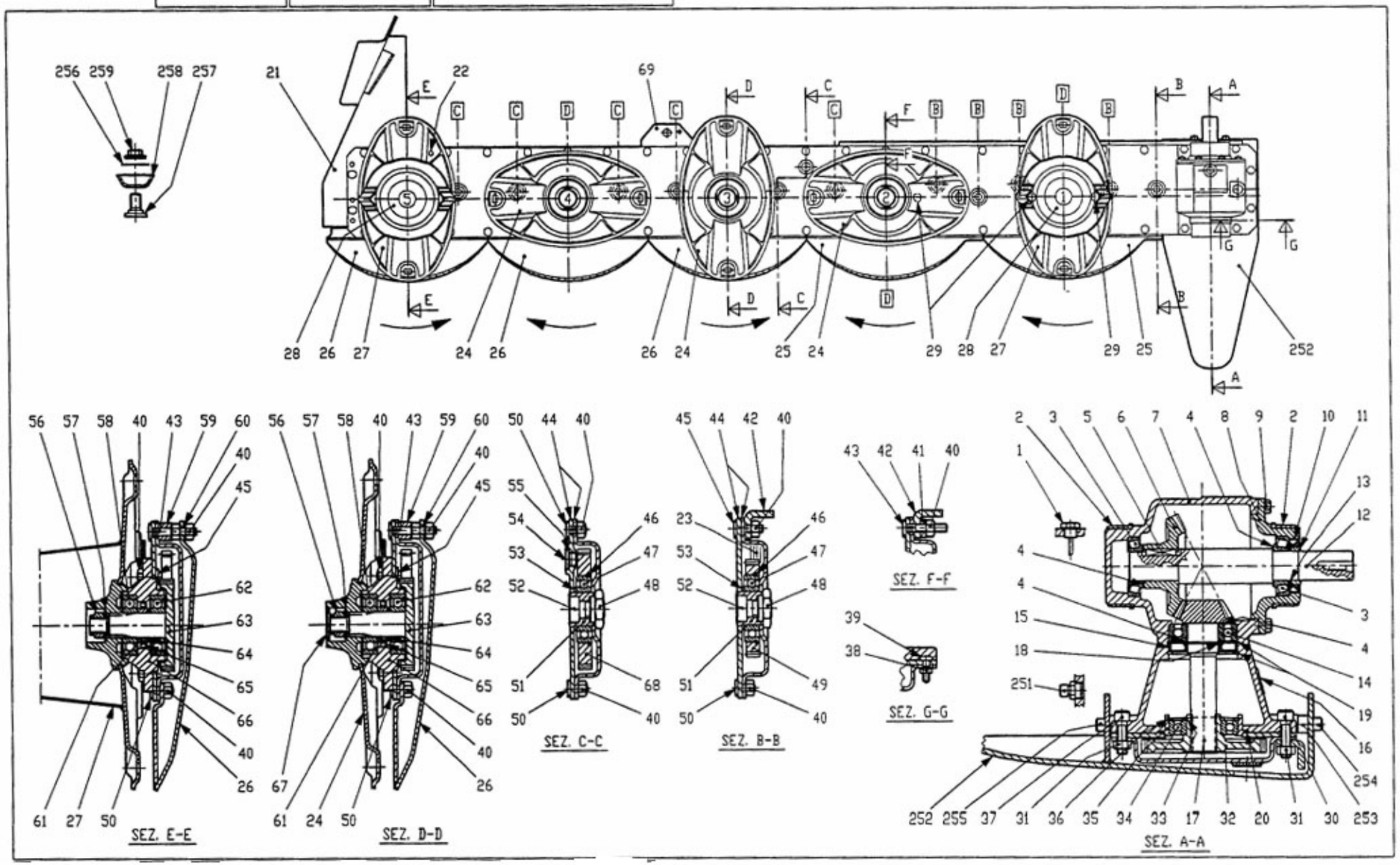


No	Referans/Referance	Adet/Qty	DESCRIPTION
1		1	HITCH COMPLETE
2		1	GUARD ASSEMBLY COMPLETE
3	44.05.00.00.000	1	PIPE ASSEMBLY
4	44.10.00.00.000	1	SLIDE PIPE
5	44.08.00.00.000	1	CYLINDER
6	44.12.00.00.000	1	LOCK GROUP
7	44.07.01.00.000	1	CYLINDER CONNECTION
8	44.07.00.00.001	1	MIDDLE METAL
9	100C.22X70	1	M22X70 BOLT
10	100S.M22	1	M22 NUT
11	44.00.00.00.013	2	CYLINDER PIN
12	100Y.M6X30	4	M6X30 COTTER PIN
13	44.00.00.00.023	1	CANVAS CURTAIN



No	Referans/Referance	Adet/Qty	DESCRIPTION
1	44.05.01.00.000	1	FRAME
2	44.05.02.00.000	1	RIGHT GUARD
3	44.05.03.00.000	1	LEFT GUARD
4	100C.M8X20	4	M8X20 BOLT
5	100S.M8	4	M8 NUT
6	100C.M10X65	3	M10X65 BOLT
7	100S.M10	3	M10 NUT
8	100C.M12X30	4	M12X30 BOLT

COMPANY	REF.	DESIGNATION FR-505A
	DATE 19-10-99	CODE 505.201.00



DESIGNATION	CUTTER BAR	A FR-505A	CODE N°	9.505.201.00

POS.	DRG. N.	PIEC	DESCRIPTION	
1	0.142.7101.00	1	PLUG	3/8"GAS
2	0.142.7103.00	2	BUSH	
3	8.0.9.00026	2	BEARING	30207
4	0.259.7500.00	4	SHIM	35.3x48.0
5	8.4.1.01125	1	PARALLEL KEY	B 10X8X35
6	0.142.5001.00	1	CROWN WHEEL	Z33 M3.75
7	0.142.0301.00	1	CASING	
8	0.142.1301.00	1	COVER	
9	8.1.1.01540	8	BOLT	M10x22 8.8 DCRT
10	8.7.1.00769	1	DOUBLE LIP SEAL	45X65 X10
11	0.142.7100.00	1	BUSH	
12	0.142.2001.00	1	SHAFT	
13	8.7.6.00954	1	O-RING	39.83x34.59X2.62
14	8.0.1.00644	1	BEARING	6307
15	8.7.3.00081	1	OIL SEAL	35X80X10
16	0.259.7111.00	1	PLATE	
17	0.142.6000.00	1	PINION SHAFT	Z16 M3.75
18	8.5.1.00005	1	SNAP RING	35 UNI7435
19	8.5.2.00030	2	SNAP RING	80 UNI7437
20	8.7.6.01188	1	O-RING	OR-4375
21	2.404.1330.00	1	MOUNTING	
22	8.4.5.01205	2	SPRING PIN	10X12 D1481
23	8.8.6.00435	2,7	OIL	
24	2.506.7001.00	3	DISC	
25	2.404.1328.00	2	MOUNTING	
26	2.404.1326.00	3	MOUNTING	
27	2.506.7002.00	2	CONVEYOR	
28	0.404.7135.00	2	SPACER	
29	0.404.7132.00	3	SCREW	M10x30 DCRT
30	8.1.2.01529	3	BOLT	M12x45 12.9 DCRT320
31	8.2.1.01533	8	HEX. NUT	M12 10 DCRT320
32	0.505.6000.00	1	GEAR	Z45 M3
33	8.5.1.00680	1	SNAP RING	40 UNI7436
34	8.0.1.01184	1	BEARING	6208/C3
35	0.404.7108.00	1	BUSH	
36	8.5.2.00030	1	SNAP RING	80 UNI7437
37	8.1.2.01530	5	BOLT	M12x40 12.9 DCRT320
38	8.2.1.00985	4	HEX. NUT	M8 ZINC. 8
39	8.1.2.01527	4	BOLT	M8x25 8.8 DCRT320
40	8.2.1.01528	87	HEX. NUT	M10 DCRT320
41	0.404.7136.00	2	SPACER	
42	0.405.7103.00	1	BACK REINFORCEMENT	
43	0.404.7102.00	5	SCREW	M10x52 DCRT320
44	2.505.0301.00	1	CUTTERBED+COVER	
45	0.404.7101.00	49	SCREW	M10x30DCRT320
46	0.505.7101.00	11	SNAP RING	80
47	8.0.1.01918	11	BEARING	6208 N/C3
48	0.465.7050.00	11	NUT	
49	0.505.6001.00	5	GEAR	Z36 M3
50	0.404.7112.00	28	SCREW	M10x19 DCRT320
51	0.465.7049.00	11	PIN	
52	0.404.7107.00	11	BOLT	M20x30 DCRT320
53	0.404.7105.00	11	SPACER	40.3x51.5x3
54	0.404.7131.00	2	PLUG	3/8"GAS
55	8.3.0.01353	2	BOLT WASHER	17x22x1.5

DESIGNATION	CUTTER BAR	A FR-505A	CODE N°	9.505.201.00

POS.	DRG. N.	PIEC	DESCRIPTION	
56	8.2.6.00740	5	LOCKNUT	20X1,5H17,3
57	8.5.5.01425	5	BELLEVILLE SPRING	0.4X40X2.25
58	8.0.1.02267	5	BEARING	6306 2RS/C3 KBC
59	0.404.7137.00	3	SPACER	
60	0.404.7140.00	5	BELLEVILLE SPRING	20X10,2X1,1
61	0.505.7100.00	5	BUSH	
62	8.0.1.02279	5	BEARING	6306 2Z/C3 KBC
63	0.505.5000.00	5	GEAR	Z34 M3
64	8.7.6.01244	5	O-RING	OR-3112
65	8.7.3.00044	5	OIL SEAL	40X56X8
66	0.505.1301.00	5	MOUNTING	
67	8.7.0.01568	3	CAP	42X7
68	0.505.6002.00	6	GEAR	Z45 M3
69	0.404.7118.00	1	MOUNTING	
	A.505.002	1		
252	2.404.1319.00	1	MOUNTING	
253	0.404.7113.00	2	SPACER	
254	8.1.2.01532	2	BOLT	M10x35 12.9 DCRT320
255	8.1.2.01531	2	BOLT	M10x22 12.9 DCRT320
256	1.404.7109.00	10	WASHER	Sp.1DCRT320
257	0.404.7152.00	10	SCREW	
258	0.404.7128.00	10	GUARD	
259	0.404.7139.00	10	NUT	M12 DCRT320