



Long Agribusiness

PARTS MANUAL



DISC MOWERS

MODELS: 7170/7180/7190

BEGINNING SERIAL #00008990



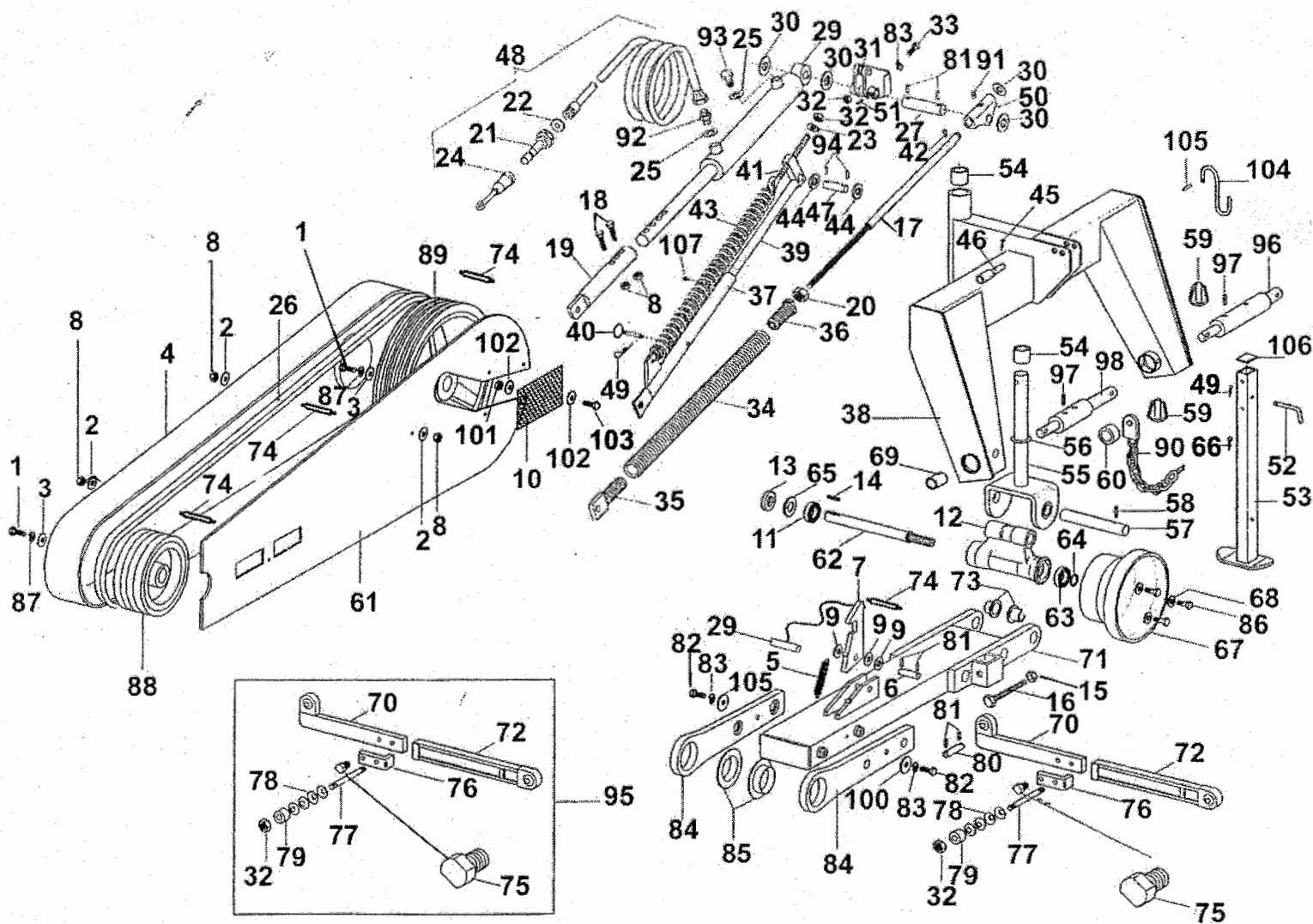
COMMON SENSE SOLUTIONS

Long Agribusiness, LLC

PO Box 1139 • TARBORO, NC 27886 • (252) 823-4151

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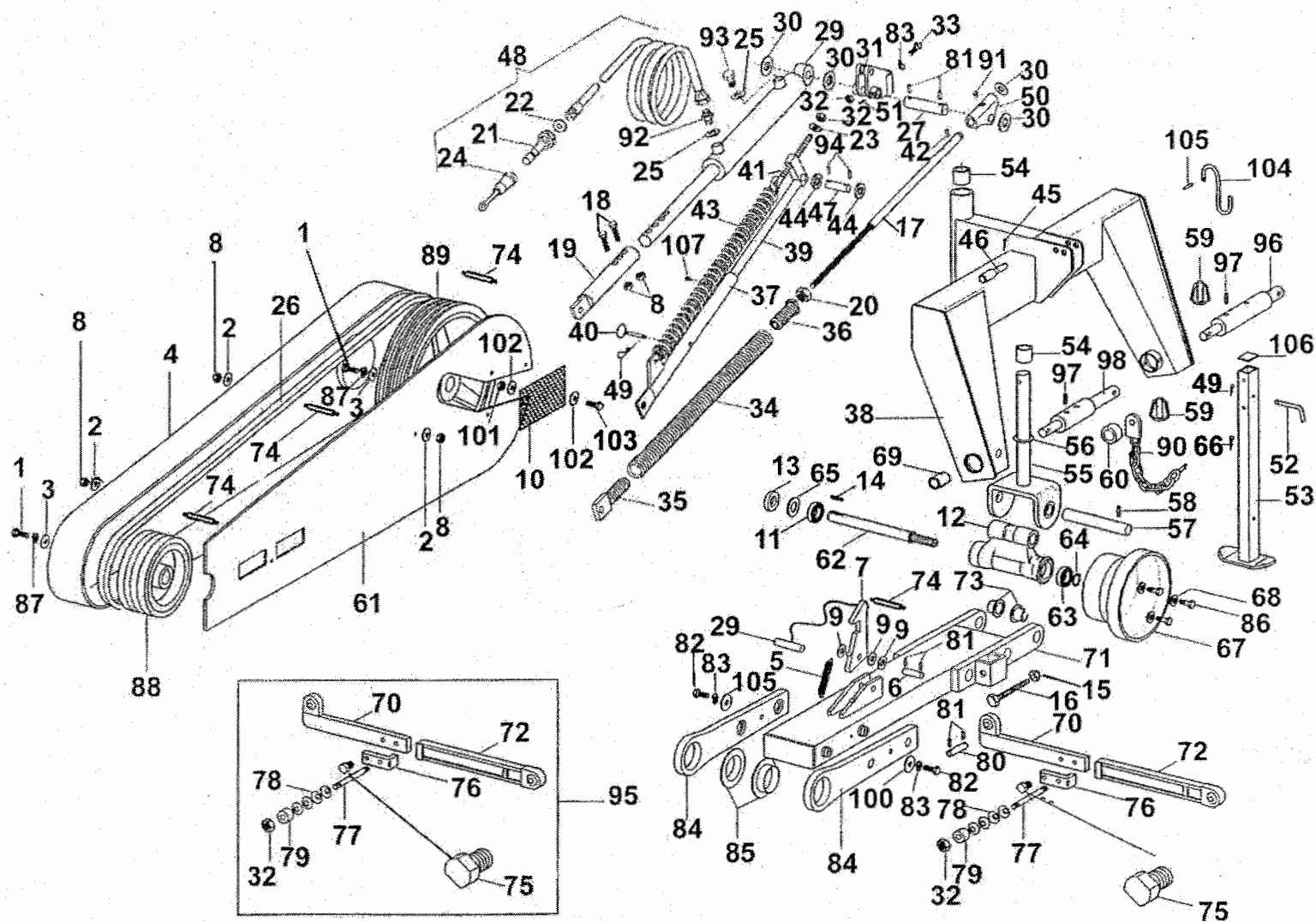
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**DISC MOWER****SECTION 1-1****7170/7180/7190**

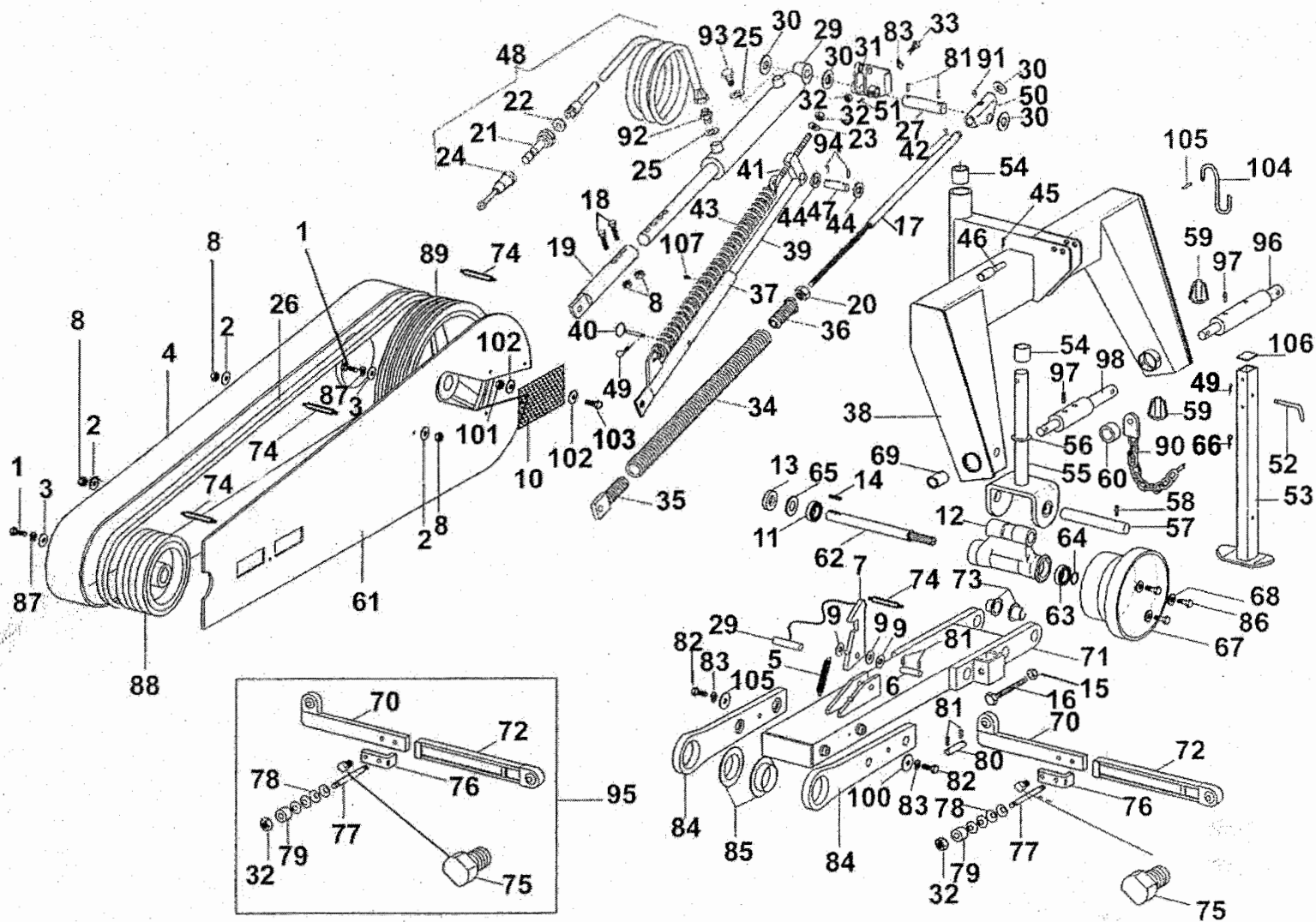
ITEM No.	PART No.	DESCRIPTION	QTY. REQ.'d		
			7170	7180	7190
1	500211	Bolt (M10x1.5x25)	2	2	2
2	N630069S8	Washer, Flat (M10)	7	7	7
3	FT1053	Washer, D10.5	2	2	2
4	FT1054	Cover Belt Protection Plastic	1	1	1
5	FT1055	Spring	1	1	1
6	FT1056	Pin	1	1	1
7	FT1057	Locking Mechanism Block	1	1	1
8	500206	Nut, Elastic Stop (M10x1.5)	9	9	9
9	FT1059	Washer (22x47x4)	5	5	5
10	FT1060	Wire Mesh Screen	1	1	1
11	FAM2410 9-90386	Bearing (6207 2RS) (35x72x17)	1	1	1
12	FT1062	Support Pivot Housing	1	1	1
13	FT1063	Washer(35x50x5)	1	1	1
14	FT1064	Key (10x8x50)	1	1	1
15	FT1065	Self Locking Nut Low (M14)	1	1	1
16	FT1066	Bolt (M14)	1	1	1
17	FT1067	Tie Rod, Spring	1	1	1
18	FT1242	Screw (M10x50)	2	2	2
19	FT1069	Cylinder Extension	1	1	1
20	FT1251	Nut (M18x1.5)	1	1	1
21	FT1240	Quick Connector	1	1	1
22	FT1072	Copper Washer (1/2)	2	2	2
23	FT1249	Hose Rubber	1	1	1
24	FT1074	Dust Cover	1	1	1
25	FT1244	Copper Washer (3/8)	1	1	1
26	FT1051	Trapeziodal Belt (B-112.5) (17x2857)	4	4	4
27	FT1076	Pin	1	1	1
28	FT1077	Hydraulic Cylinder 7FT	1	-	-
-	FT1078	Hydraulic Cylinder 8 & 9FT	-	1	1
-	FT1238	Seal Kit (7ft)	1	-	-
-	FT1239	Seal Kit (8ft & 9ft)	-	1	1
29	FT1152	Cord To Safety Lock	1	1	1
30	FT1246	Washer (30.5)	4	4	4
31	FT1080	Support	1	1	1
32	FT1081	Nut (M16)	2	2	2
33	FT1247	Bolt (M16x90)	1	1	1
34	FT1083	Spring	1	1	1
35	FT1084	Spring Rod End	1	1	1
36	FT1085	Male Insert For Spring	1	1	1
37	FT1257	Tube Assembly	1	1	1

FRAME & SUSPENSION



**Disc MOWER****SECTION 1-1****7170/7180/7190**

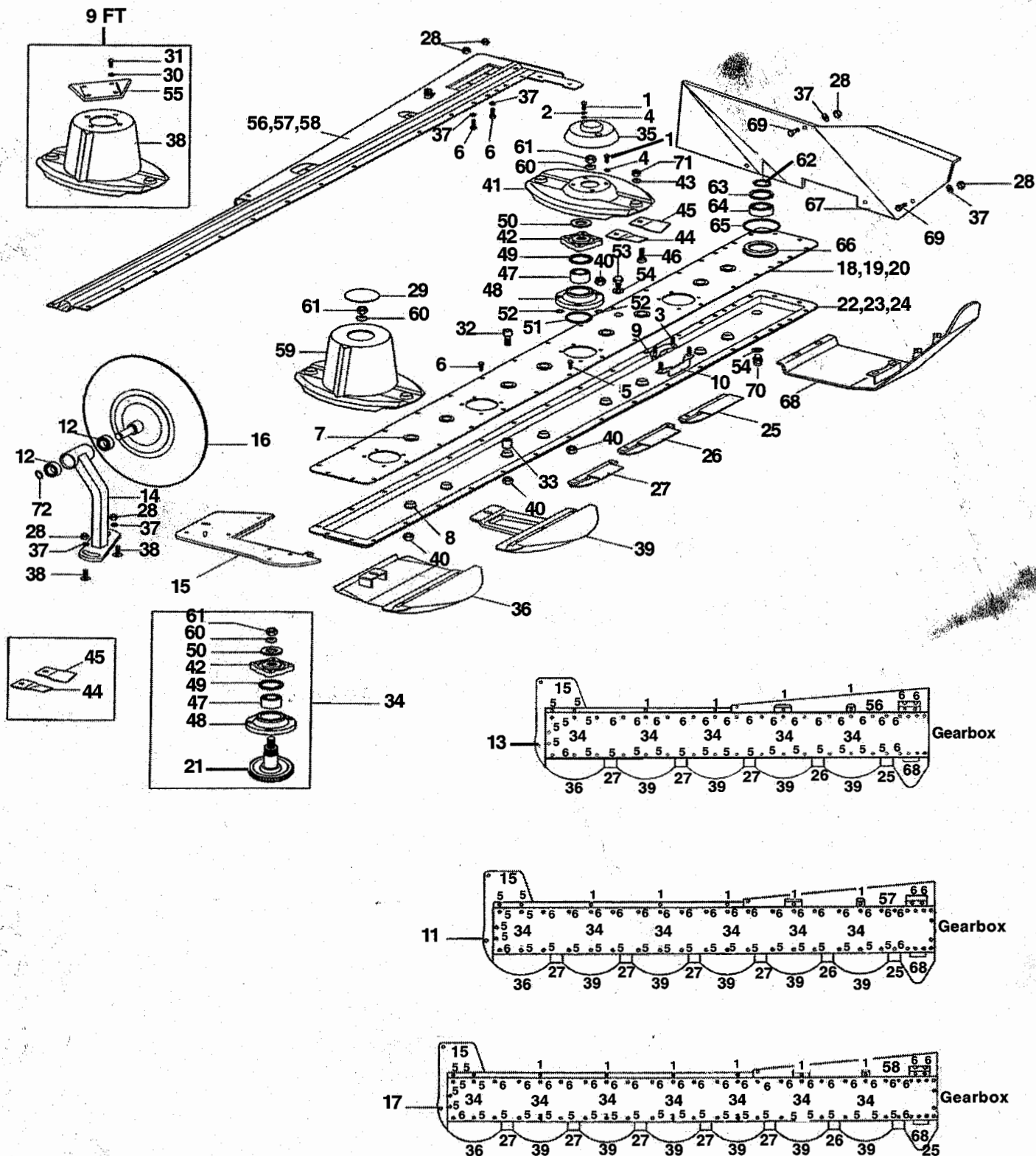
ITEM No.	PART No.	DESCRIPTION	QTY. REQ.'d		
			7170	7180	7190
38	FT1087	Frame, Draw Bar (2000 DMD)	1	1	1
39	FT1256	Pivot Rod	1	1	1
40	FT1250	Locking Pin	1	1	1
41	FT1254	Eye Bolt	1	1	1
42	FT1091	Roll Pin	1	1	1
43	FT1255	Spring	2	2	2
44	FT1253	Washer	2	2	2
45	FT1093	Hair Pin	1	1	1
46	FT1094	Top Pin	1	1	1
47	FT1095	Pin	1	1	1
48	FT1241	Hydraulic Hose (Complete)	1	1	1
49	FT1096	Hair Pin	1	1	1
50	FT1248	Support End	1	1	1
51	FT1098	Roll Pin	1	1	1
52	FT1099	Support Leg Pin	1	1	1
53	FT1100	Support Leg	1	1	1
54	FT1101	Spacer	2	2	2
55	FT1102	Fork	1	1	1
56	FT1103	Washer	2	2	2
57	FT1104	Pin	1	1	1
58	FT1105	Elastic Pin (10x70)	1	1	1
59	FT1106	Pin	1	1	1
60	FT1107	Spacer	1	1	1
61	FT1108	Inner Shield	1	1	1
62	FT1109	Shaft	1	1	1
63	9-90420	Bearing (6007 2RS)	1	1	1
64	FT1111	Washer	2	2	2
65	FT1112	Washer	2	2	2
66	FT1113	Clip Pin (6x105)	1	1	1
67	FT1114	Cover	1	1	1
68	FT1115	Washer	3	3	3
69	FT1116	Bushing	1	-	-
70	FT1117	Coupling Plate	1	1	1
71	FT1118	Pivot Bar	1	1	1
72	FT1119	Tow-Bar Release	1	1	1
73	FT1120	Bushing Insert	2	2	2
74	FT1121	Pin	5	5	5
75	FT1122	Bolt	1	1	1
76	FT1123	Locking Plate	1	1	1
77	FT1124	Pin	1	1	1




Disc MOWER
7170/7180/7190
SECTION 1-1

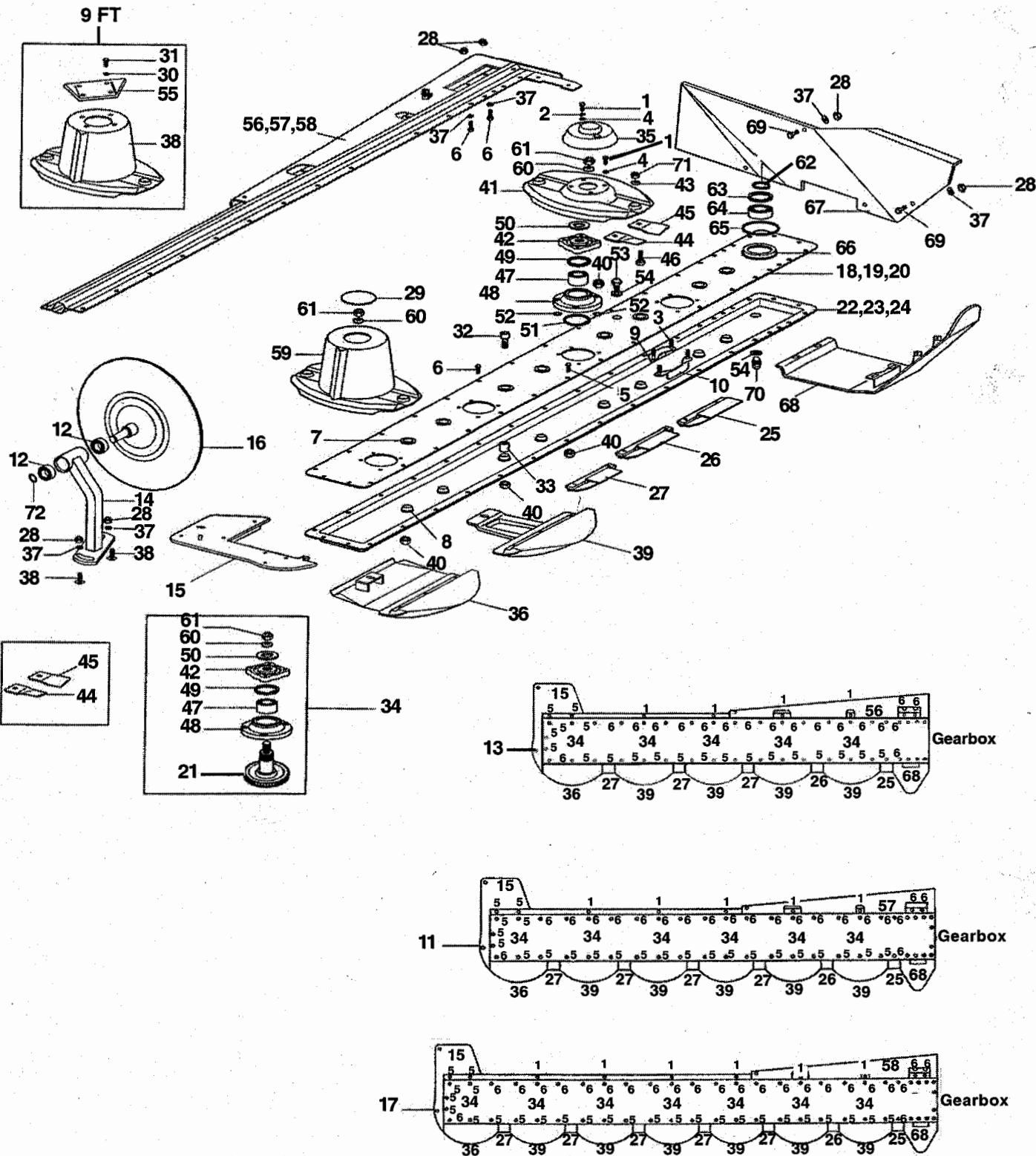
ITEM No.	PART No.	DESCRIPTION	QTY. REQ.'d		
			7170	7180	7190
78	FT1049	Spring (16x34x2)	36	36	36
79	FT1125	Spacer	1	1	1
80	FT1126	Pin	1	1	1
81	N646686S	Pin, Roll (8x50)	8	8	8
82	FT1128	Bolt	4	4	4
83	FT1129	Washer	5	5	5
84	FT1130	Coupling Plate	2	2	2
85	FT1131	Bushing Insert	2	2	2
86	FT1132	Bolt	3	3	3
87	N630174S8	Washer, Lock (M10)	2	2	2
88	FT1134	Small Pulley	1	1	1
89	FT1135	Large Pulley	1	1	1
90	FT1136	Safety Chain	1	1	1
91	FT1252	Grease Fitting	1	1	1
92	FT1243	Hydraulic Fitting	1	1	1
93	FT1245	Plug	-	1	1
94	N646684S	Pin Roll (8x40)	2	2	2
95	FT1140	Complete Safety Bar	1	1	1
96	FT1141 <i>FT 1277 LH</i>	Pin	1	1	1
97	FT1142	Pin	2	2	2
98	FT1143	Pin	-	1	1
-	FT1144	Pin	1	-	-
99	FT1258	Grease Fitting	1	1	1
100	FT1145	Washer	4	4	4
101	FT1146	Nut	2	2	2
102	FT1147	Washer	4	4	4
103	FT1176	Bolt	2	2	2
104	FT1149	S-Hook	1	1	1
105	N646636S	Pin, Roll (5x40)	1	1	1
106	FT1151	Cover	1	1	1

Note!
FT 1278 RH
Square Pin.



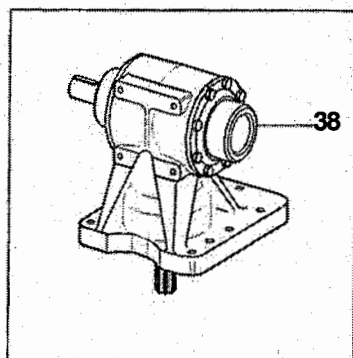
**Disc Mower****SECTION 1-2****7170/7180/7190**

ITEM No.	PART No.	DESCRIPTION	QTY. REQ.'d		
			7170	7180	7190
1	FT1041	Screw (10x50)	24	29	24
2	FT1154	Washer	20	24	28
3	FT1155	Stud	20	24	28
4	N630069-S8	Washer, Flat (M10)	10	12	14
5	FT1259	Bolt	21	24	27
6	500211	Bolt (M10x1.5x25)	17	20	23
7	FT1156	Bushing Insert Cutter Bar Top	11	12	15
8	FT1157	Bushing Insert Cutter Bar Bottom	11	12	15
9	FT1158	Bracket	5	6	7
10	FT1159	Bracket	5	6	7
11	FT1237	Cutter Bar (8FT)	-	1	-
12	FT1161	Bearing (6005-2RS)	2	2	2
13	FT1236	Cutter Bar (7FT)	1	-	-
14	FT1162	Support	1	1	1
15	FT1163	Cutter Bar End Internal	1	1	1
16	FT1164	Complete Disc	1	1	1
17	FT1205	Cutter Bar (9FT)	-	-	-
18	FT1165	Cutter Bar Cover (7FT)	1	-	-
19	FT1166	Cutter Bar Cover (8FT)	-	1	-
20	FT1167	Cutter Bar Cover (9FT)	-	-	1
21	FT1026	Pinion Gear	5	6	7
22	FT1168	Lower Cutter Bar (7FT)	1	-	-
23	FT1169	Lower Cutter Bar (8FT)	-	1	-
24	FT1170	Lower Cutter Bar (9FT)	-	-	1
25	FT1171	Wear Plate	1	1	1
26	FT1172	Wear Plate	1	-	1
27	FT1173	Wear Plate	3	4	5
28	500206	Nut, Elastic Stop (M10x1.5)	7	7	7
29	FT1174	Cover	1	1	-
30	FT1175	Washer	-	-	8
31	FT1176	Bolt	-	-	8
32	FT1177	Bolt	11	12	15
33	FT1178	Spacer Nylon	11	12	15
34	FT1235	Spindle Complete	5	6	7
35	FT1179	Cover	4	5	5
36	FT1180	Slide Assembly	1	1	1
37	N630069-S8	Washer, Flat (M10)	7	7	7
38	FT1198	Cone Disc	-	-	2
39	FT1181	Slide Assembly	4	5	6
40	FT1044	Nut (M10)	80	94	103



**DISC MOWER****SECTION 1-2****7170/7180/7190**

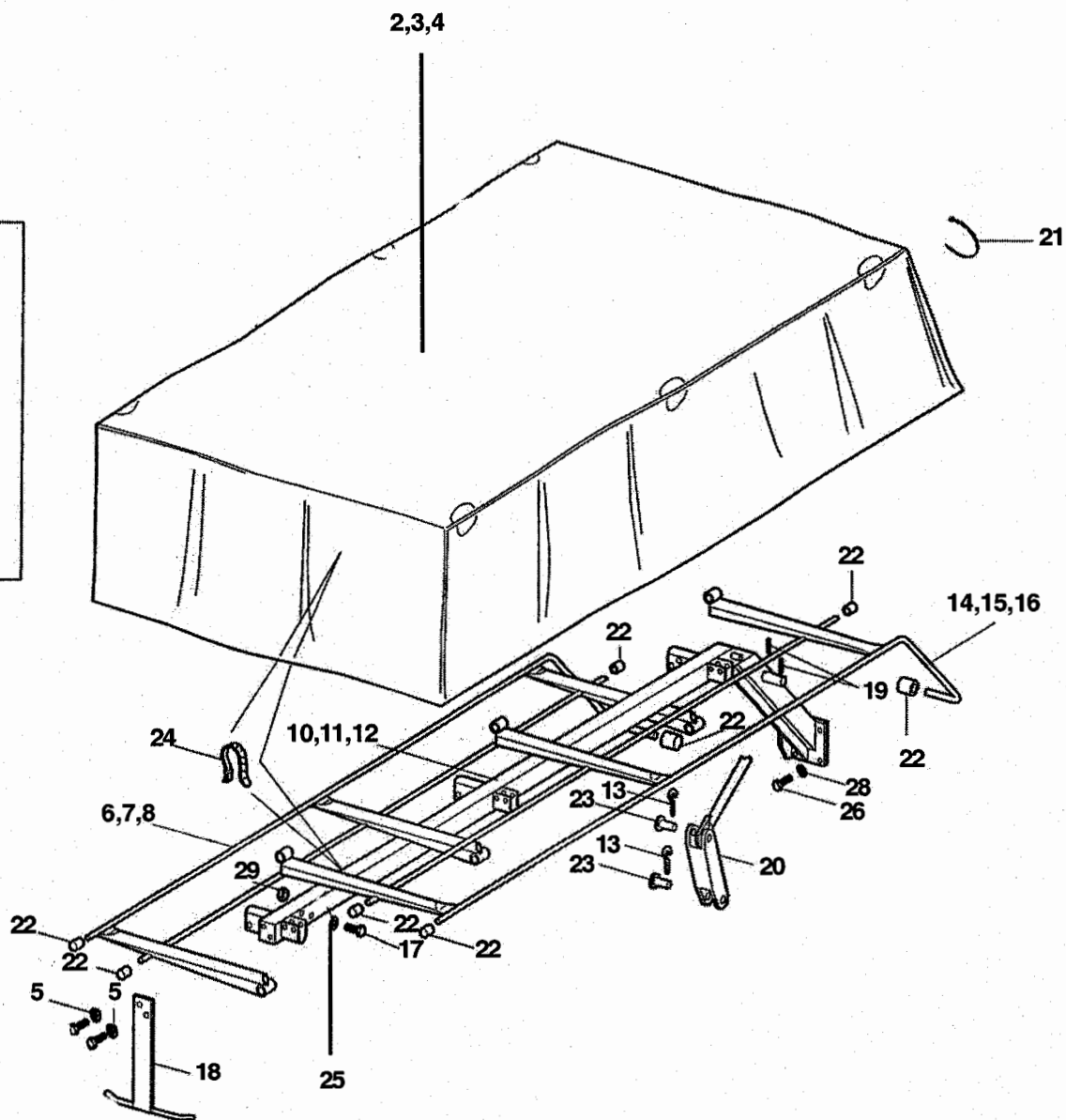
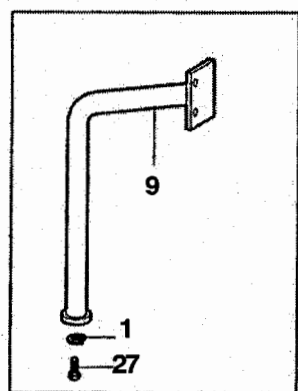
ITEM No.	PART No.	DESCRIPTION	QTY. REQ.'d		
			7170	7180	7190
41	FT1182	Disc	4	5	5
42	FT1183	Plate	5	6	7
43	FT1004	Spring Washer	10	12	14
44	FT1006	Blade Left (M9,8)	5	6	7
45	FT1005	Blade, Right (M9,8)	5	6	7
46	FT1003	Bolt For Knife	10	12	14
47	FT1032	Bearing	5	6	7
48	FT1028	Disc Support	5	6	7
49	FT1184	Snap Ring	5	6	7
50	FT1185	Washer	5	6	7
51	FT1045	O-Ring	5	6	7
52	FT1046	O-Ring	20	24	28
53	FT1186	Cutter Bar Fill Plug	1	1	1
54	FT1075	Copper Washer (3/8)	2	2	2
55	FT1200	Cover	-	-	2
56	FT1187	Cutter Bar Reinforcement (7FT)	1	-	-
57	FT1188	Cutter Bar Reinforcement (8FT)	-	1	-
58	FT1189	Cutter Bar Reinforcement(9FT)	-	-	1
59	FT1022	Cone Disc	1	1	1
60	FT1050	Spring Washer	5	6	7
61	FT1190	Nut	5	6	7
62	FT1191	Snap Ring	1	1	1
63	FT1192	Snap Ring	1	1	1
64	9-90358	Bearing (6208)	1	1	1
65	FT1194	O-Ring	1	1	1
66	FT1195	Bearing Support	1	1	1
67	FT1196	Throw Plate	1	1	1
68	FT1197	Wear Plate	1	1	1
69	FT1199	Bolt	5	5	5
70	FT1234	Magnetic Plug	1	1	1
71	FT1002	Nut (M10)	10	12	14
72	FT1260	Seal	1	1	1



**DISC MOWER****SECTION 1-3****7170/7180/7190**

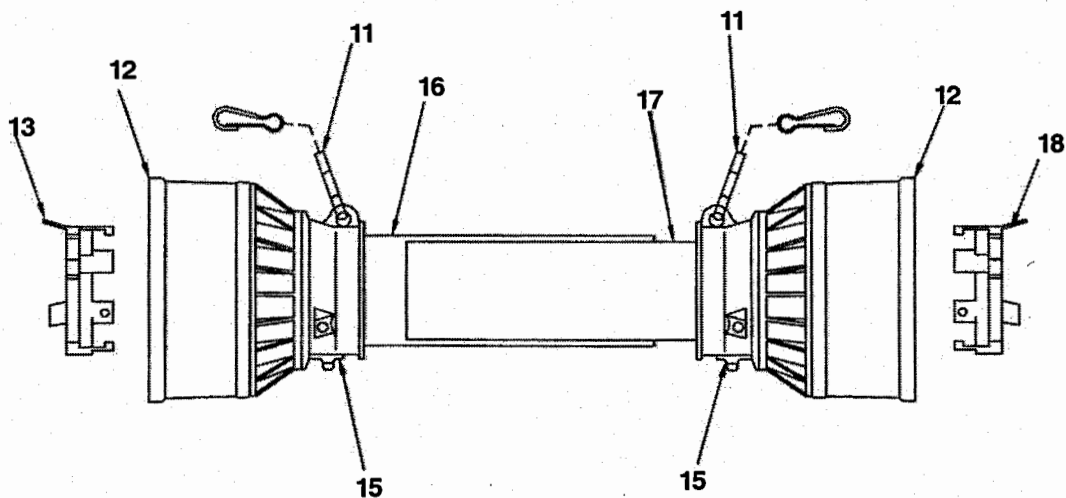
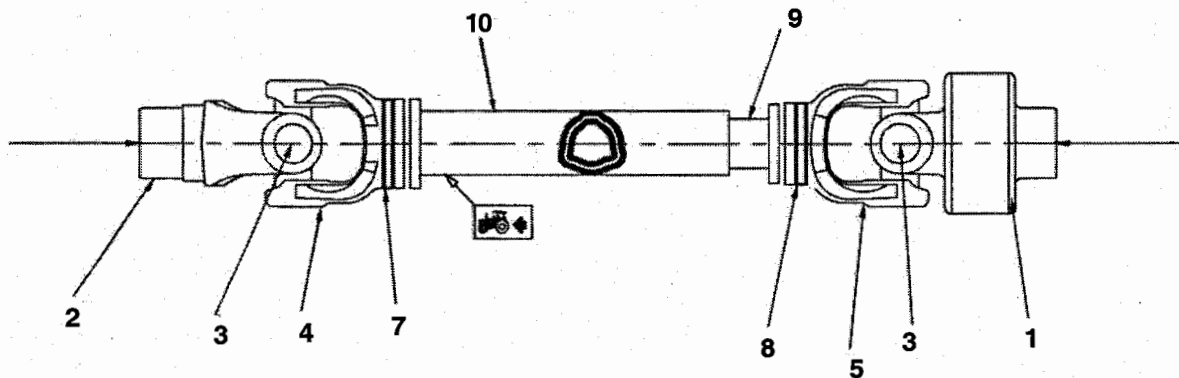
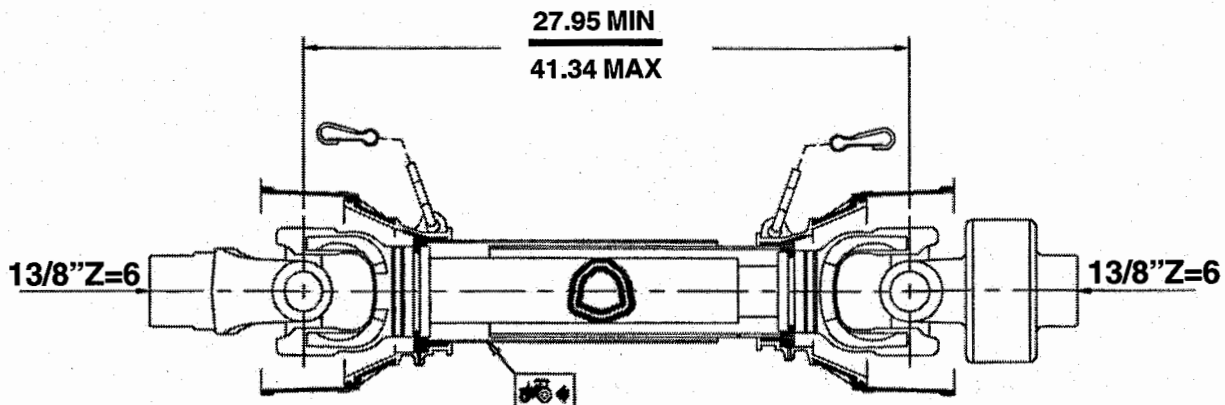
ITEM No.	PART No.	DESCRIPTION	QTY. REQ.'d		
			7170	7180	7190
1	FT1024	Input Pinion (Z45)	1	1	1
2	FT1025	Crown (Z 35 M3)	5	2	5
3	FT1206	Seal	22	24	30
4	FT1047	Snap Ring	22	24	30
5	FT1012	Bearing (628C3VE167) (40x80x18)	11	12	15
6	FT1026	Pinion (Z 34 M3)	5	6	7
7	FT1027	Crown (Z 45 M3)	6	10	10
8	FT1207	Ring	1	1	1
9	FT1208	Spacer	1	1	1
10	FT1209	O-Ring	1	1	1
11	FT1029	Cover	1	1	1
12	FT1041	Bolt	16	16	16
13	FT1154	Washer	16	16	16
14	FT1210	Bearing (30207)	2	2	2
15	FT1211	Nut	4	4	4
16	FT1212	Washer	1	1	1
17	FT1030	Shaft	1	1	1
18	FT1213	Key	2	2	2
19	FT1009	Crown (Z 33)	1	1	1
20	FT1214	Spacer	1	1	1
21	FT1215	Spacer	2	2	2
22	FT1216	Dipstick	1	1	1
23	FT1217	Gear Box Housing	1	1	1
24	FT1218	Plug	1	1	1
25	FT1219	Nut	10	10	10
26	FT1220	Washer	10	10	10
27	FT1221	Bolt	2	2	2
28	FT1222	Bolt	2	2	2
29	FT1008	Pinion (Z16)	1	1	1
30	FT1223	Washer	1	1	1
31	FT1224	Washer	1	1	1
32	FT1225	Washer	1	1	1
33	9-90358	Bearing (6208)	1	1	1
34	FT1192	Snap Ring	2	2	2
35	FT1226	Seal	1	1	1
36	FT1227	O-Ring	22	24	30
37	FT1079	Washer (30.5)	4	4	4
38	FT1228	Complete Gear Box	1	1	1
39	FT1229	Gear Assembly Complete	6	10	10
40	FT1230	Gear Assembly Complete	5	2	5
41	FT1231	Gear Box Cover	1	1	1
42	FT1234	Magnetic Plug	1	1	1

GEARBOX



**Disc MOWER****SECTION 1-4****7170/7180/7190**

ITEM No.	PART No.	DESCRIPTION	QTY. REQ.'D		
			7170	7180	7190
1	FT1007	Washer	-	-	1
2	FT1232	Canvas (7FT)	1	-	-
3	FT1233	Canvas (8FT)	-	1	-
4	FT1040	Canvas (9FT)	-	-	1
5	N630174S8	Washer, Lock (M10)	2	2	2
6	FT1039	Rear Frame (7FT)	1	-	-
7	FT1038	Rear Frome (8FT)	-	1	-
8	FT1037	Rear Frame (9FT)	-	-	1
9	FT1010	Support	-	-	1
10	FT1036	Frame (7FT)	1	-	-
11	FT1035	Frame (8FT)	-	1	-
12	FT1034	Frame (9FT)	-	-	1
13	N642590S8	Pin, Cotter (4x36)	2	2	2
14	FT1033	Front Frame (7FT)	1	-	-
15	FT1031	Front Frame (8FT)	-	1	-
16	FT1023	Front Frame (9FT)	-	-	1
17	N600319S8	Bolt (M10x1.5x70)	10	10	12
18	FT1021	Support	1	1	1
19	N646686S	Pin, Roll (8x50)	2	2	2
20	FT1020	Pivot Bar	1	1	1
21	FT1019	Tie Wrap	6	6	6
22	FT1018	Cap	8	8	8
23	FT1017	Pin	2	2	2
24	FT1016	Strap	4	4	5
25	N630069S8	Washer, Flat (M10)	2	2	2
26	FT1015	Bolt	4	4	4
27	FT1014	Bolt	-	-	1
28	FT1129	Washer	4	4	4
29	500206	Nut, Elastic Stop (M10x1.5)	10	10	12




DISC MOWER
7170/7180/7190
SECTION 1-5

ITEM NO.	PART NO.	DESCRIPTION	QTY. REQ.'D		
			7170	7180	7190
1	905786	Clutch, Free Wheeling	1	1	1
2	905787	Yoke (1 3/8) Cat 5	1	1	1
3	905788	Cross Kit	2	2	2
4	905789	External Yoke	1	1	1
5	905790	Internal Yoke	1	1	1
6	905791	Push Pin Kit	2	2	2
7	905792	Roll Pin External Pipe	1	1	1
8	905793	Roll Pin Internal Pipe	1	1	1
9	905794	Pipe Internal (21.75")	1	1	1
10	905795	Pipe External (21.75")	1	1	1
11	905796	Guard Chain	2	2	2
12	905797	Standard Cone	2	2	2
13	905798	External Pipe Ring	1	1	1
14	905799	Stop Ring	2	2	2
15	905800	Safety Coupling	2	2	2
16	905801	External Safety Pipe (17.75")	1	1	1
17	905802	Internal Safety Pipe (17.75")	1	1	1
18	905803	Internal Pipe Ring	1	1	1

driveline complete

792182

WARRANTY DISCLAIMER

THE LIMITED WARRANTY OF THE MANUFACTURER FOR ITS PRODUCTS **DOES NOT INCLUDE:**

1. ANY WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR USE.
2. ANY IMPLIED WARRANTIES OF ANY KIND.
3. LIABILITY FOR CONSEQUENTIAL DAMAGES SUCH AS THOSE RESULTING FROM LOSS OF USE OF THE PRODUCT OF LOSS OF PROFITS OR DAMAGE TO CROPS.
4. LIABILITY OF ANY KIND WHERE THE PRODUCT HAS BEEN FAULTY, ERECTED, ALTERED, MISUSED, ABUSED, IMPROPERLY ASSEMBLED AND OR ATTACHED, OR INVOLVED IN AN ACCIDENT.
5. LIABILITY OF USING COMPONENTS INCLUDING BOLTS AND WASHERS, OTHER THAN THOSE IDENTIFIED BY PARTS MANUAL OR THE SPECIFICATIONS IN THE OWNER'S MANUAL.

SEE OWNER'S MANUAL FOR FULL TEXT OF MANUFACTURER'S LIMITED WARRANTY

CAUTION**DO NOT OPERATE**

Until you have read the owner's manual. If you did not receive a copy, one may be obtained by contacting:



PO BOX 1139, Tarboro, N.C. 27886
252-823-4151 FAX: 252-823-4576
e-mail: service@longagri.com
904394

WARNING**ENTANGLEMENT HAZARD**

To prevent serious injury or death:

- PTO safety shield must be kept in place
- DO NOT REMOVE

NOV. 98

901322

CAUTION

1. READ OWNER'S MANUAL BEFORE OPERATING
2. BECOME FAMILIAR WITH ALL CONTROLS AND ALL SAFETY REGULATIONS.
3. ALLOW NO RIDERS ON IMPLEMENTS OR TRACTOR.
4. DISENGAGE PTO AND SHUT OFF ENGINE BEFORE DISCONNECTING FROM TRACTOR.
5. DO NOT OPERATE UNLESS ALL SHIELDS ARE IN THE CORRECT POSITION.
6. KEEP HANDS, FEET AND ALL OTHER OBJECTS AWAY FROM MOVING PARTS AT ALL TIMES.
7. ALWAYS OPERATE MOWER AT A SAFE DISTANCE FROM BYSTANDERS.

DANGER**ROTATING CUTTER BLADES**

FOR SAFE MOWING OPERATIONS, TRACTOR MUST BE EQUIPPED WITH R.O.P.S. (ROLL OVER PROTECTION STRUCTURE) AND SEATBELTS. SEATBELTS MUST BE WORN TO PREVENT ACCIDENTAL FALL FROM TRACTOR WHICH MAY CAUSE INJURY OR DEATH.

BEFORE WORKING ON CUTTER, DISENGAGE POWER, SHUT OFF ENGINE, REMOVE KEY AND MAKE SURE BLADES HAVE STOPPED ROTATING.

STAY CLEAR OF MOWER UNTIL ALL MOTION HAS STOPPED. COMPONENTS BEHIND GUARDS OR ACCESS DOORS IN THIS AREA MAY ROTATE FOR SEVERAL MINUTES AFTER ALL POWER IS SHUTOFF.

903355

7170

4

7180

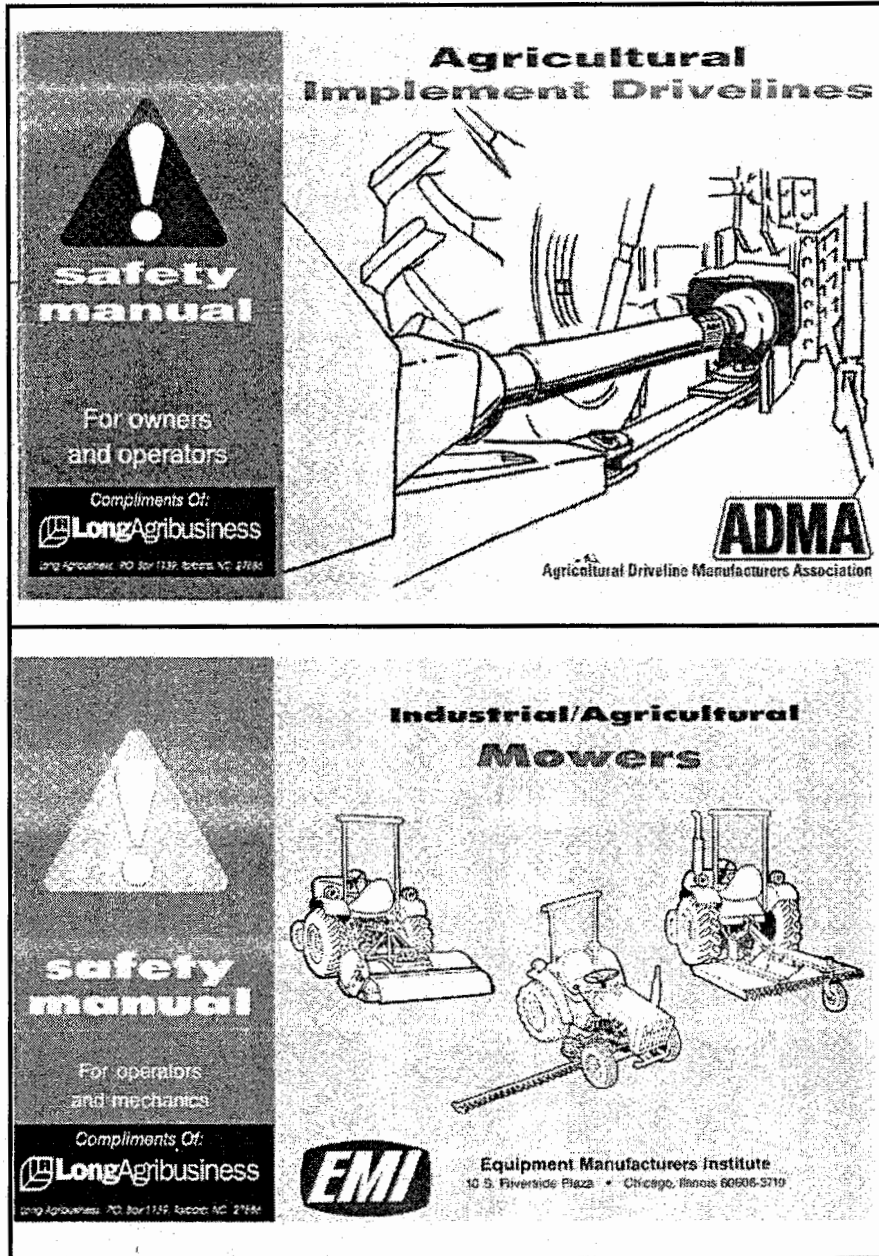
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7190

6

**Disc Mower****SECTION 1-6****7170/7180/7190**

<i>ITEM No.</i>	<i>PART No.</i>	<i>DESCRIPTION</i>	<i>QTY. REQ.'d</i>		
			7170	7180	7190
1	765301	Decal, Warranty Disclaimer	1	1	1
2	903330	Decal, Caution/Danger	1	1	1
3	901922	Decal, Warning PTO Shield	1	1	1
4	901710	Decal, Model 7170	1	-	-
5	901711	Decal, Model 7180	-	1	-
6	901712	Decal, Model 7190	-	-	1



3

**Disc Mower****SECTION 1-6****7170/7180/7190**

<i>ITEM No.</i>	<i>PART No.</i>	<i>DESCRIPTION</i>	<i>QTY. REQ.'d</i>		
			7170	7180	7190
1	901225	Manual, Safety W/Decal (Drivelines)	1	1	1
2	901589	Manual, Safety W/Decal (Mowers)	1	1	1
3	901415	Decal, LongAgribusiness Logo	1	1	1

NOTES



NUMERICAL INDEX

7170/7180/7190

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901415	18	FT1026	8,12	FT1091	4
901589	18	FT1027	12	FT1093	4
901710	16	FT1028	10	FT1094	4
901711	16	FT1029	12	FT1095	4
901712	16	FT1030	12	FT1096	4
901922	16	FT1031	14	FT1098	4
903330	16	FT1032	10	FT1099	4
905786	20	FT1033	14	FT1100	4
905787	20	FT1034	14	FT1101	4
905788	20	FT1035	14	FT1102	4
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