



SPARE PARTS CATALOGUE and RETAIL PRICE LIST 1 JANUARY 2013



Ground breaking performance

**SOIL AERATION AND
CULTIVATION EQUIPMENT
SPARE PARTS**

PLEASE NOTE

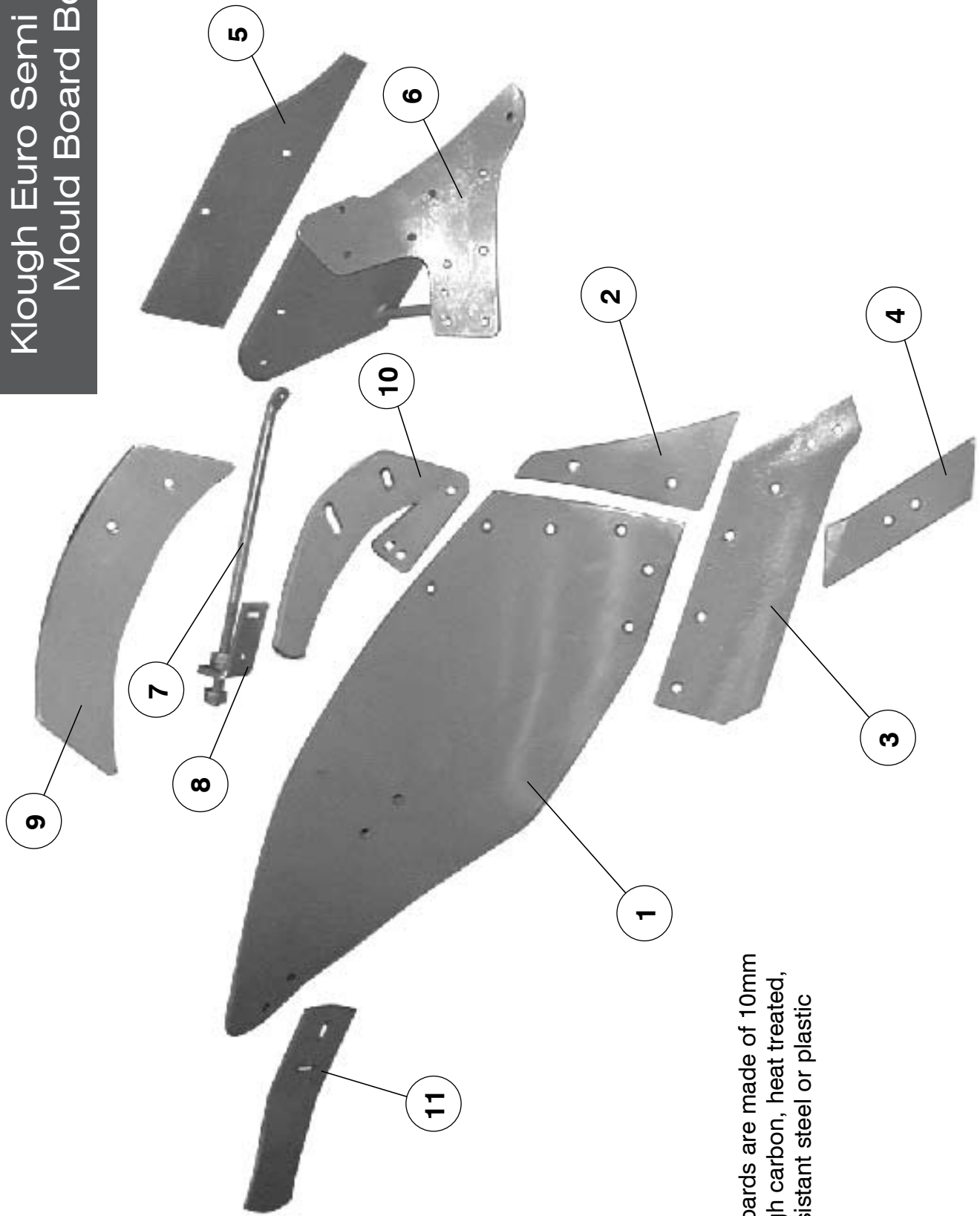
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Klough Euro Semi Digger Mould Board Body



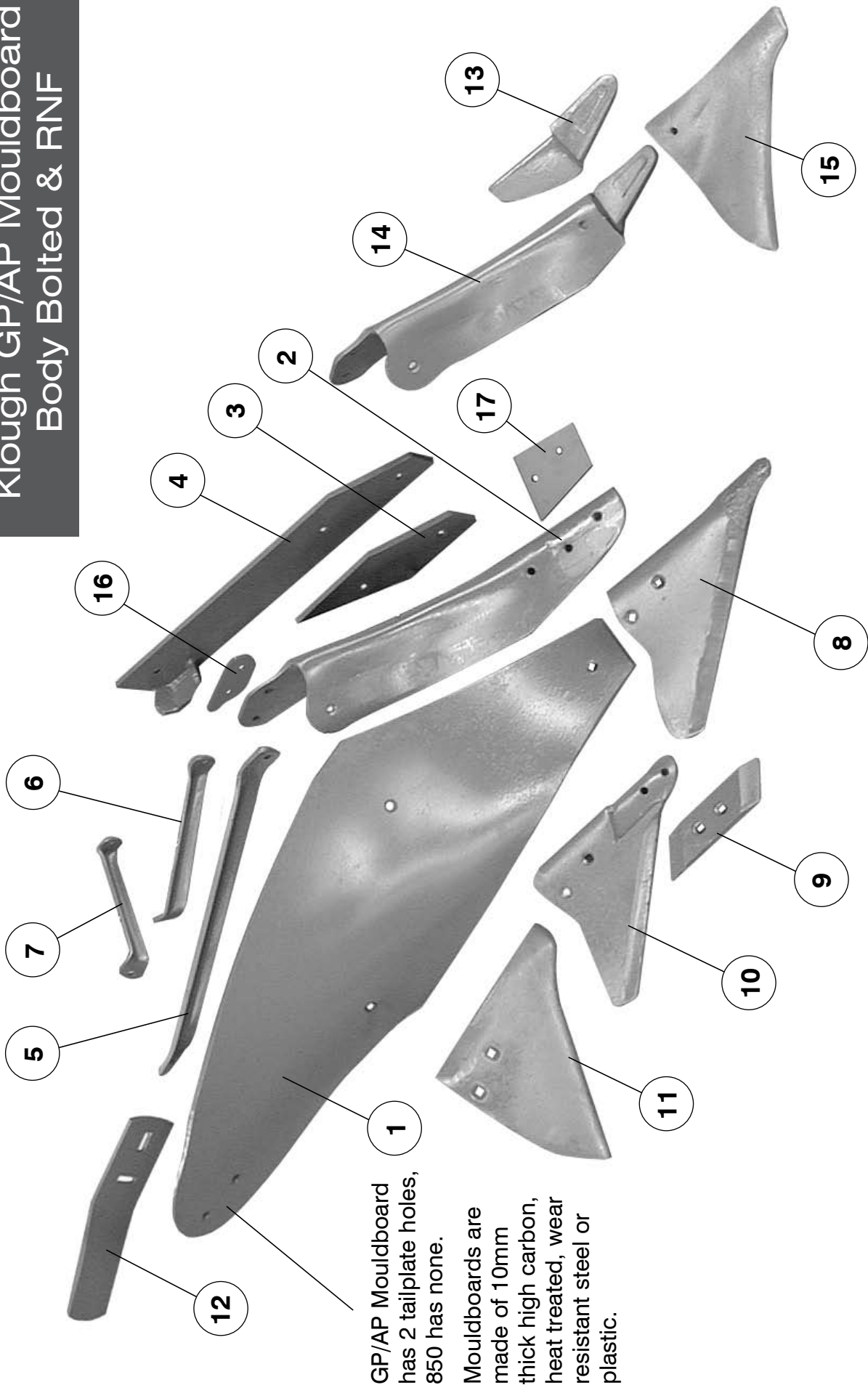
Mouldboards are made of 10mm thick high carbon, heat treated, wear resistant steel or plastic

MOULDBOARD BODY ASSEMBLIES

Semi Digger Euro Mouldboard Body

NO	PART NUMBER	DESCRIPTION
1	100610	Mouldboard Semi-digger Euro
	100611	Plastic Mouldboard Semi-digger Euro
2	100615	Shin Piece
3	100131	12" Reversible Point Share Semi-digger
	100132	14" Reversible Point Share Semi-digger
	100133	16" Reversible Point Share Semi-digger
	100134	18" Reversible Point Share Semi-digger
4	100135	Share Reversible Point Semi-digger
5	101124-1	Sole Plate Semi Digger
6	101537	Saddle Semi-digger
7	100984	Mouldboard Stay Semi-digger
8	100983	Stay Bracket Semi-digger
	101036	Plastic Mouldboard Back Support Semi-digger
9	100604	Trash Deflector Blade (Steel)
	100603	Trash Deflector Blade (Plastic)
10	100605	Trash Deflector Bracket
11	100601	Tail Plate
	100630	Semi-digger Assembly Complete (Steel))
	100631	Semi-digger M/Board Assembly (Plastic)

Klough GP/AP Mouldboard
Body Bolted & RNF

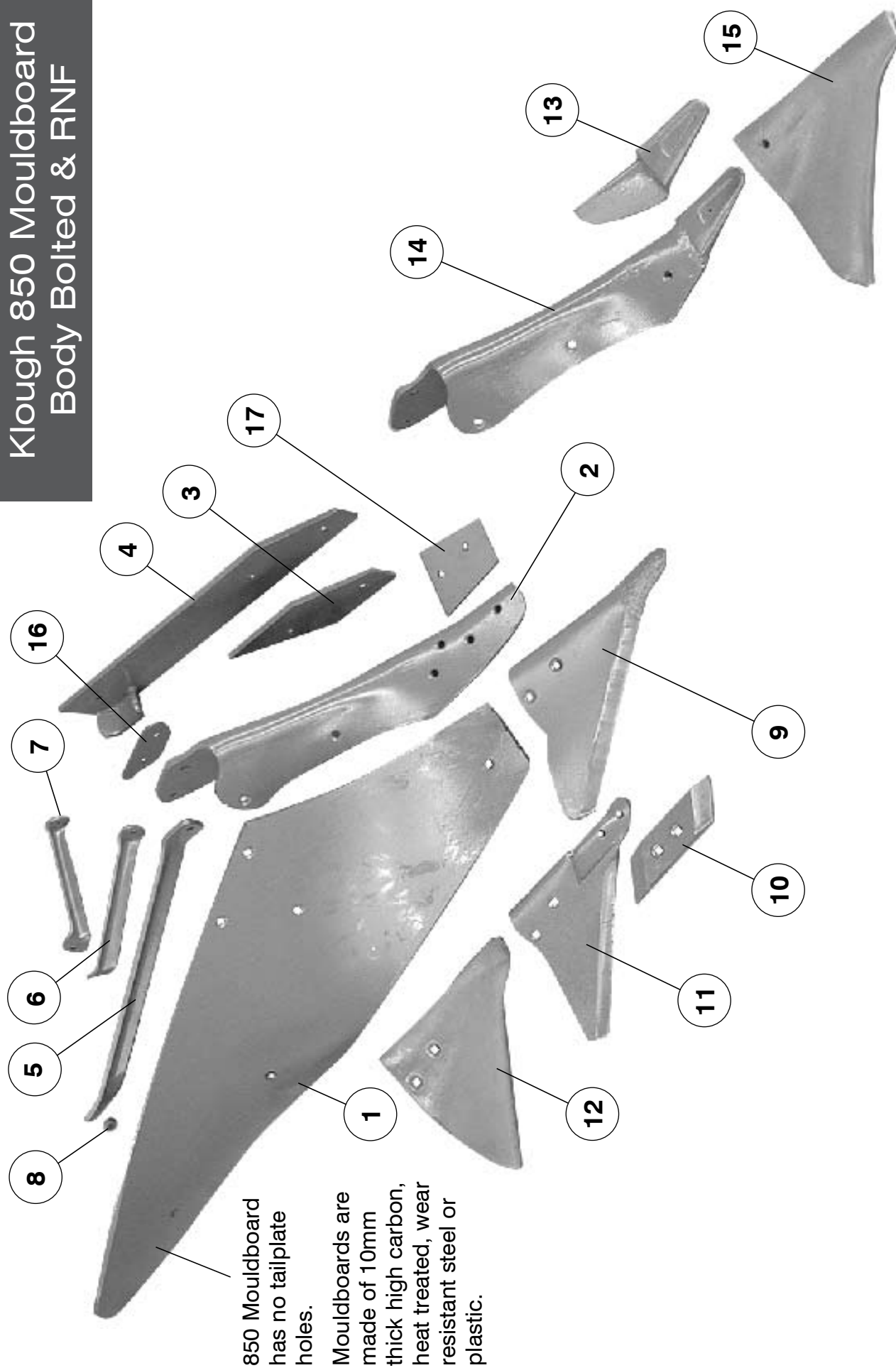


N.B. Refer to other pages in this section for extra shares available or plastic

GP/AP Mouldboard Body Bolted & RNF

NO	PART NUMBER	DESCRIPTION
1	100350	Mouldboard 14" Bolted GP/AP
	100480	Mouldboard 12" and 14" RNF GP/AP
	100481	Plastic Mouldboard 12" and 14" RNF GP/AP
	100351	Plastic Mouldboard Bolted GP/AP
2	101325	Saddle GP/AP Bolted
	101326	Saddle Bolted GP/AP - Reinforced
3	101135-1	Sole Plate (Short)
4	101125	Sole Plate (Long)
5	101028	Mouldboard Stay (Long)
	101035	Plastic Mouldboard Stay (Long)
6	100995	Mouldboard Stay (Medium)
	100996	Mouldboard Stay Plastic GP/AP (Medium)
7	101000	Mouldboard Stay (Short)
	101034	Plastic Mouldboard Stay (Short) Plastic GP/AP
8	100010	Bolted Share 12" Steel
	100015	Bolted Share 14" Steel
	100020	Bolted Share 16" Steel
9	100027	Reversible Share Point
10	100022	Bolted Reversible Point Share 14"
11	100054	Bolted SG Share 12"
	100056	Bolted SG Share 14"
12	101100	Tail Plate GP/AP
13	101336t	RNF Toe Only
14	101335s	Saddle RNF GP/AP
15	100105	RNF 14" SG Share
	100113	RNF 12" SG Share
	100125	RNF Share NIHARD
16	100104	Saddle Reinforced Plate
17	100525	Plastic Mouldboard Share Packer
	100633	Henry Mouldboard - Not Shown
	100632	Dunhill Mouldboard - Not Shown
	100635	Duncan Mouldboard - Not Shown

Klough 850 Mouldboard Body Bolted & RNF

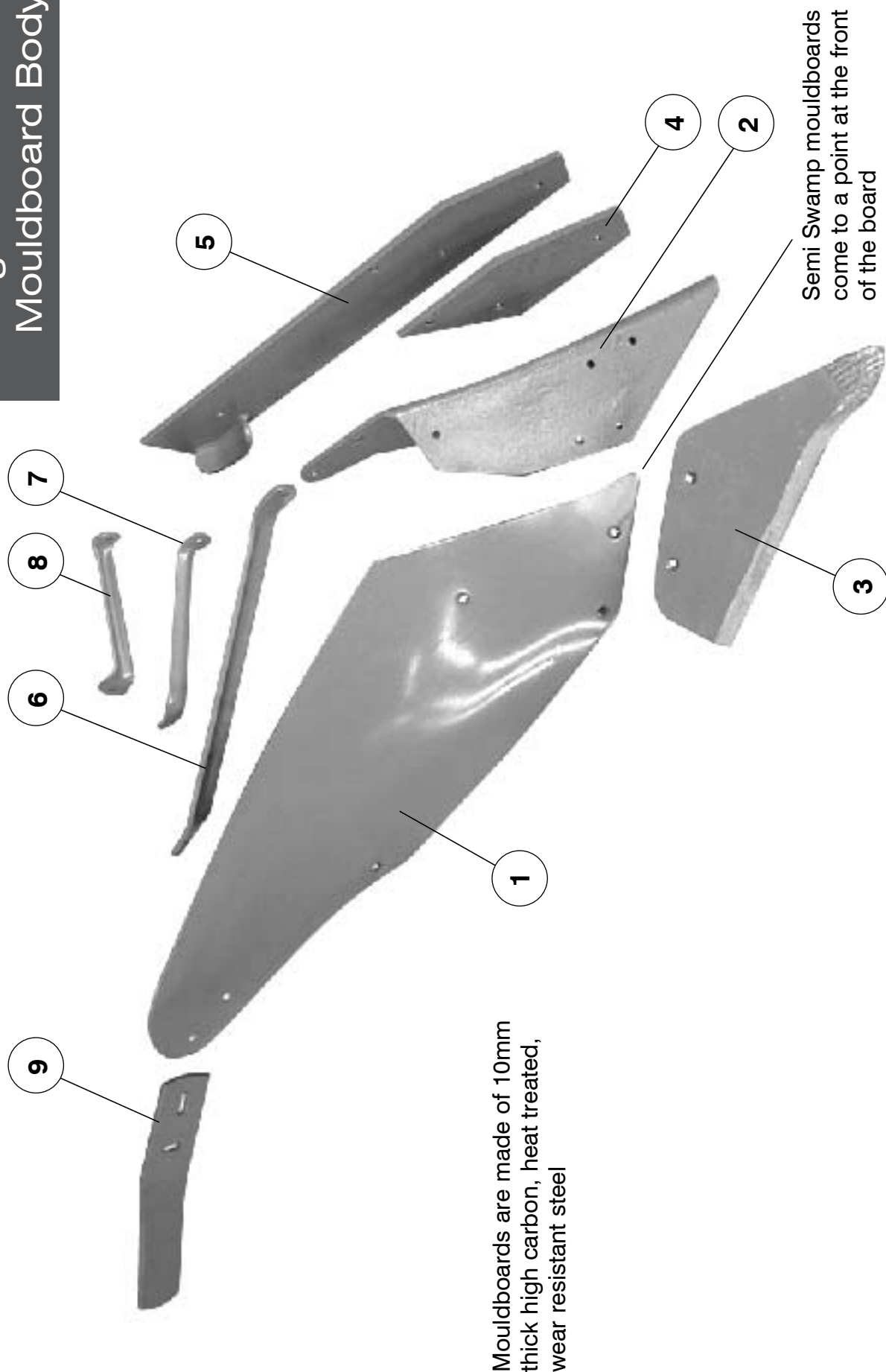


N.B. Refer to other pages in this section for extra shares available or plastic

850 Mouldboard Body Bolted & RNF

NO	PART NUMBER	DESCRIPTION
1	100430	Mouldboard 850 Bolted Multi-purpose
	100431	Mouldboard Bolted Plastic 850 Multi-purpose
	100505	Mouldboard RNF 850 Multi-purpose
	100506	Mouldboard RNF Plastic 850 Multi-purpose
	100514	Mouldboard High Clearance Bolted
	100515	Mouldboard High Clearance RNF
2	101375	Saddle 850 Bolted
	101376	Saddle Bolted - Reinforced
3	101135-1	Sole Plate (Short)
4	101125	Sole Plate (Long)
5	101028	Mouldboard Stay (Long)
	101029	Mouldboard Stay (Long) Plastic 850
6	100995	Mouldboard Stay (Medium)
	101030	Plastic 850 Mouldboard Stay (Medium)
7	101000	Mouldboard Stay (Short)
	101031	Plastic 850 Mouldboard Stay (Short)
8	100982	Long Mouldboard Stay Spacer
9	100010	Bolted Share 12" Steel
	100015	Bolted Share 14" Steel
	100020	Bolted Share 16" Steel
10	100027	Reversible Share Point
11	100022	Bolted Reversible Point Share 14"
12	100054	Bolted SG Share 12"
	100056	Bolted SG Share 14"
13	101336	RNF Toe Only
14	101385	Saddle RNF 850
15	100105	RNF 14" SG Share
	100112	RNF 12" SG Share
	100125	RNF Share NIHARD
16	101535	Saddle - Reinforced Plate
17	100525	Plastic Mouldboard Share Packer
	100512	850 Bottom Assembly Complete Steel
		Includes 1,2,3,5,6,8,9,16 & Bolts

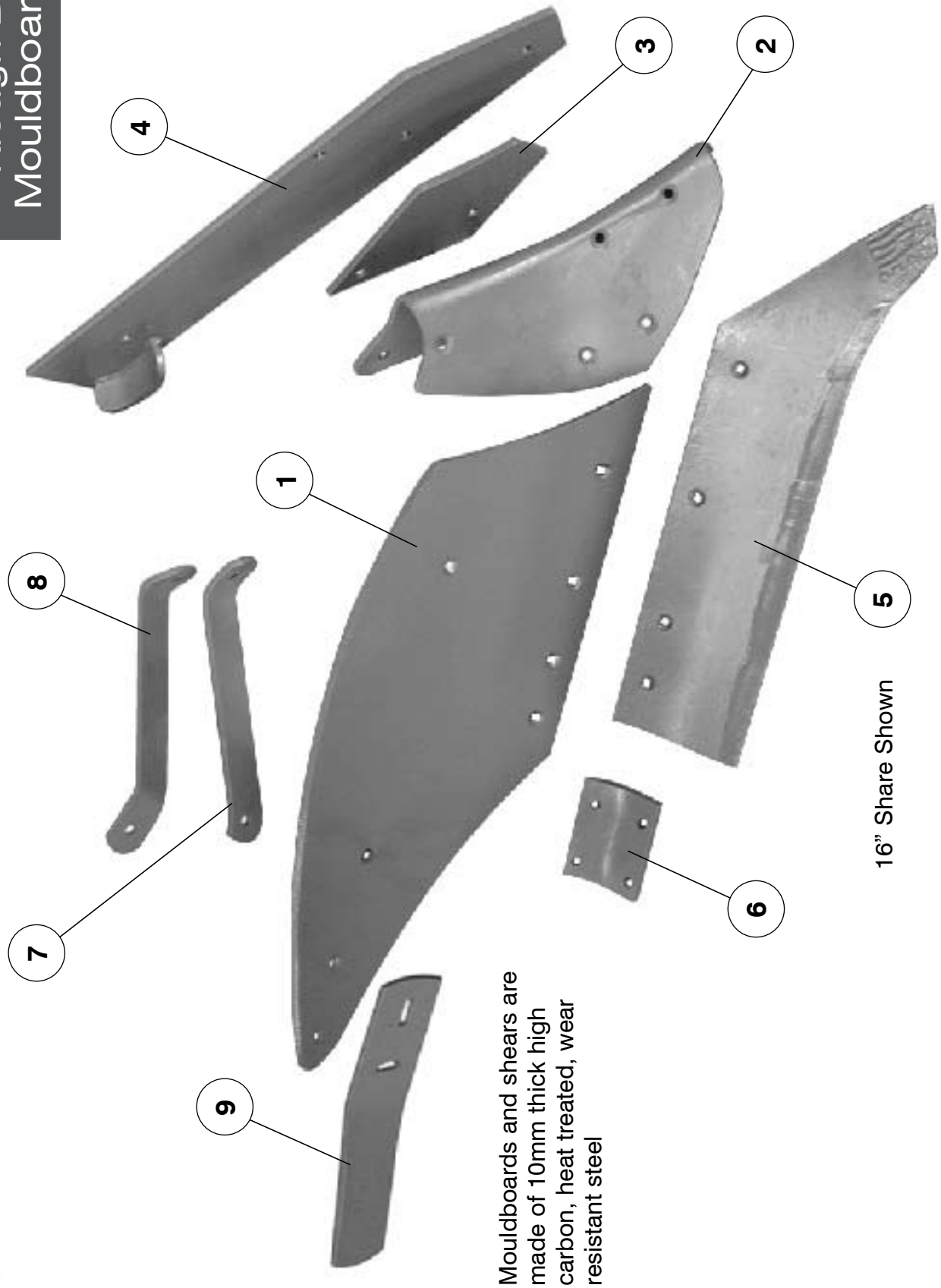
Klough Semi Swamp Mouldboard Body



Semi Swamp Mouldboard Body

NO	PART NUMBER	DESCRIPTION
1	100330	Mouldboard Semi Swamp Bolted
	100320	Mouldboard Medium Swamp Bolted
	100310	Mouldboard Full Swamp Bolted
2	101330	Saddle Semi-swamp
3	100085	16" Semi Swamp Share
	100090	18"/20" Medium Swamp Share
	100095	20"/22" Full Swamp Share
4	101140	Sole Plate (Short) Semi-swamp
5	101130	Sole Plate (Long) Semi-swamp
6	101028	Mouldboard Stay (Long)
7	100995	Mouldboard Stay (Medium)
8	101000	Mouldboard Stay (Short)
9	101100	Tail Plate GP/AP

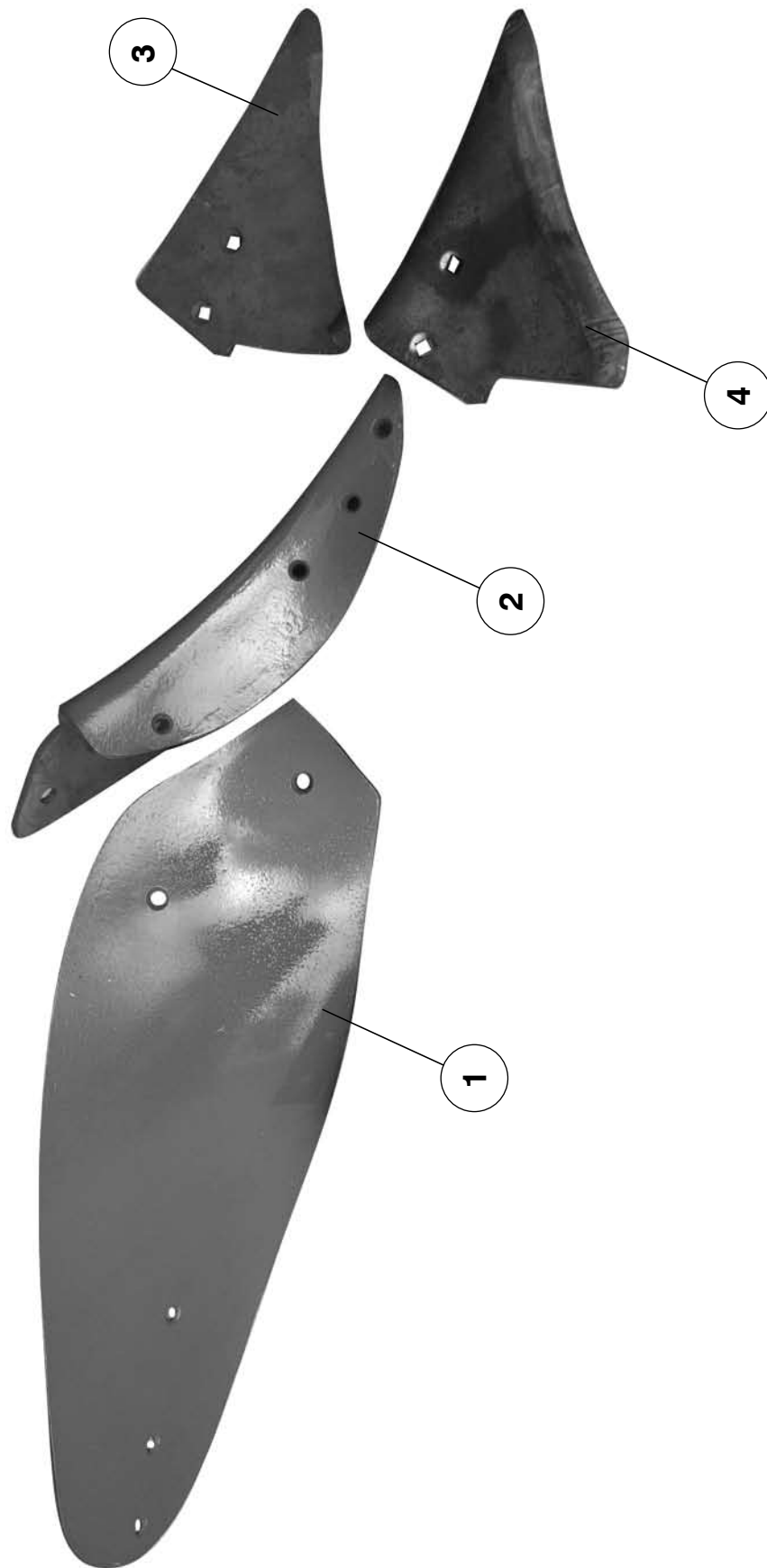
Klough Digger Mouldboard Body



Digger Mouldboard Body

NO	PART NUMBER	DESCRIPTION
1	100370	Mouldboard 12" Digger
	100380	Mouldboard 14"/16" Digger
2	101340	Saddle Digger
3	101160	Sole Plate (Short) Digger
4	101150	Sole Plate (Long) Digger
5	100050	Share 12" Digger
	100055	Share 14" Digger
	100060	Share 16" Digger
6	101045	Stay Plate 12" Digger
	101050	Stay Plate 14" & 16" Digger
7	101015	Mouldboard Stay - Front Digger (Short)
8	101020	Mouldboard Stay - Rear Digger (Long)
9	101105	Tail Plate Digger

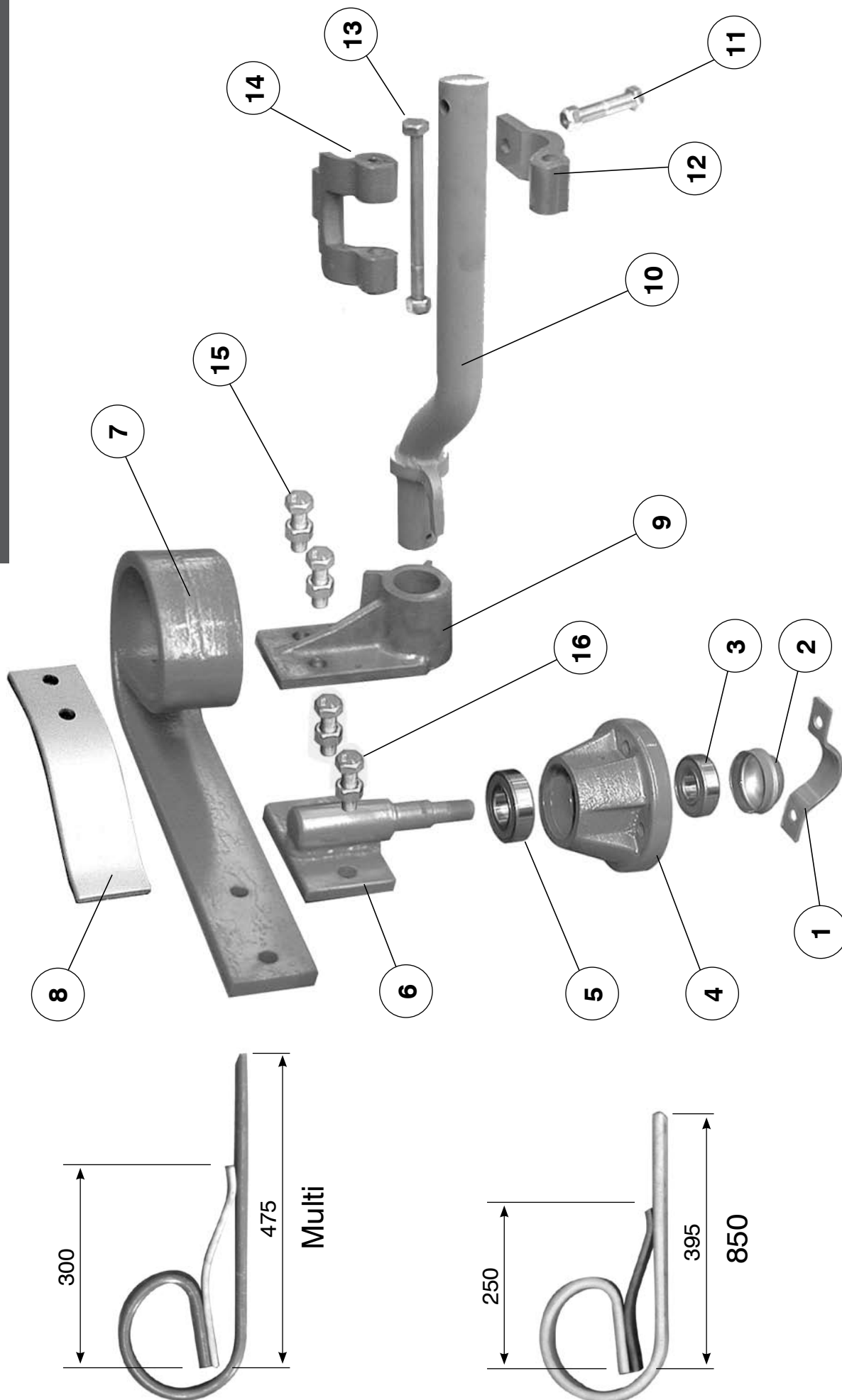
Massey Ferguson Mouldboard Body



Massey Ferguson Mouldboard Body

NO	PART NUMBER	DESCRIPTION
1	100420	Massey Ferguson Mouldboard
2	100360	Massey Ferguson Saddle
3	100065	MF Share Fabricated
4	100070	MF Share Folded
	100071	MF 12" Digger Share
	100096	Lea Plough Share

Series 850 and Multi-Plough Coulter Assembly



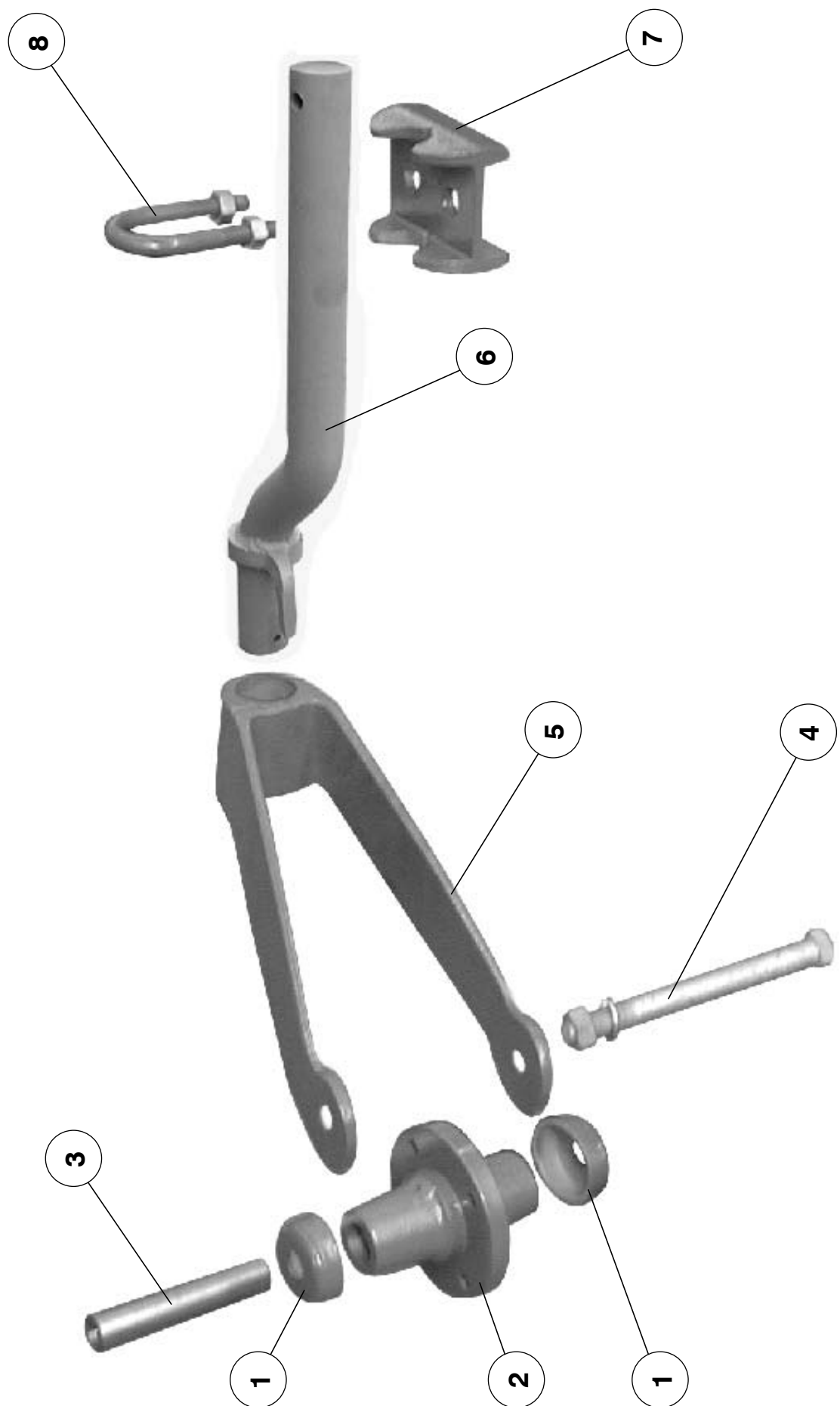
COULTER ASSEMBLIES

Series 850 and Multi-Plough Coulter Assembly

NO	PART NUMBER	DESCRIPTION
1	104412	Hub Cap Retainer
2	104410	Hub Cap
3	400765	Outer Bearing - Plain
	104408	Outer Bearing - Taper
4	400735	Coulter Hub
5	400760	Inner Bearing - Plain
	104407	Inner Bearing - Taper
6	400740	Coulter Axle and Plate
7	400725	Coulter Spring - Multi
	400726	Coulter Spring - 850
8	400730	Helper Spring - Multi
	400731	Helper Spring - 850
9	400720	Multi-Coulter Boss
10	103300	Coulter Stalk
11	4696	M16 x 75 Bolt Zinc
12	700710	Stalk Clamp (in)
13	4694	M16 x 180 Bolt Zinc
14	700719	Stalk Clamp (out)
	400734	Hub & Stub Assembly Complete
		Includes items 1,2,3,4,5 & 6 C/W Taper bearings
15	4668	M16 x 55 Bolt Zinc
16	4664	M16 x 45 Bolt Zinc

See Rock Jumper Coulter Assembly P20 For 850 Hub With Taper Bearing.

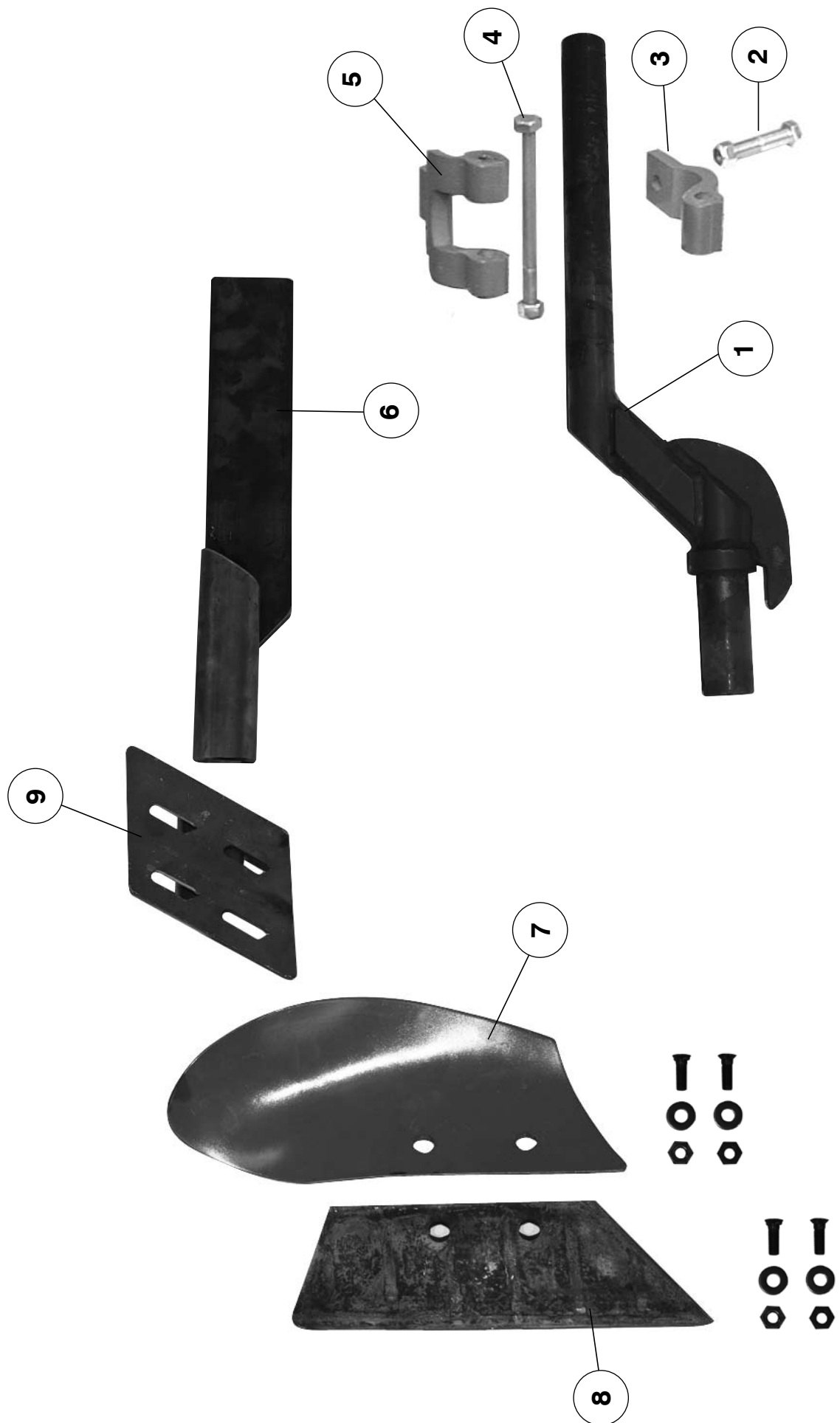
Series GP/AP Coulter Assembly



GP/AP Coulter Assembly

NO	PART NUMBER	DESCRIPTION
1	104455	Sandwasher
2	104425	Coulter Centre Bare
3	104405	Coulter Axle
4	4684	M16 x 180 Bolt & Nut Galv
5	103330	Coulter Fork 18"/20"
6	103300	Coulter Stalk
7	103640	Coulter Bracket 3"
	103645	Coulter Bracket 3 ½"
	103650	Coulter Bracket 4"
8	103620	U Bolt Coulter Clamp
	104430	Coulter Centre Complete Includes
		Grease Nipple, Four Bolts (M10x30)
		& M16 x 180mm, Sandwashers & Axle

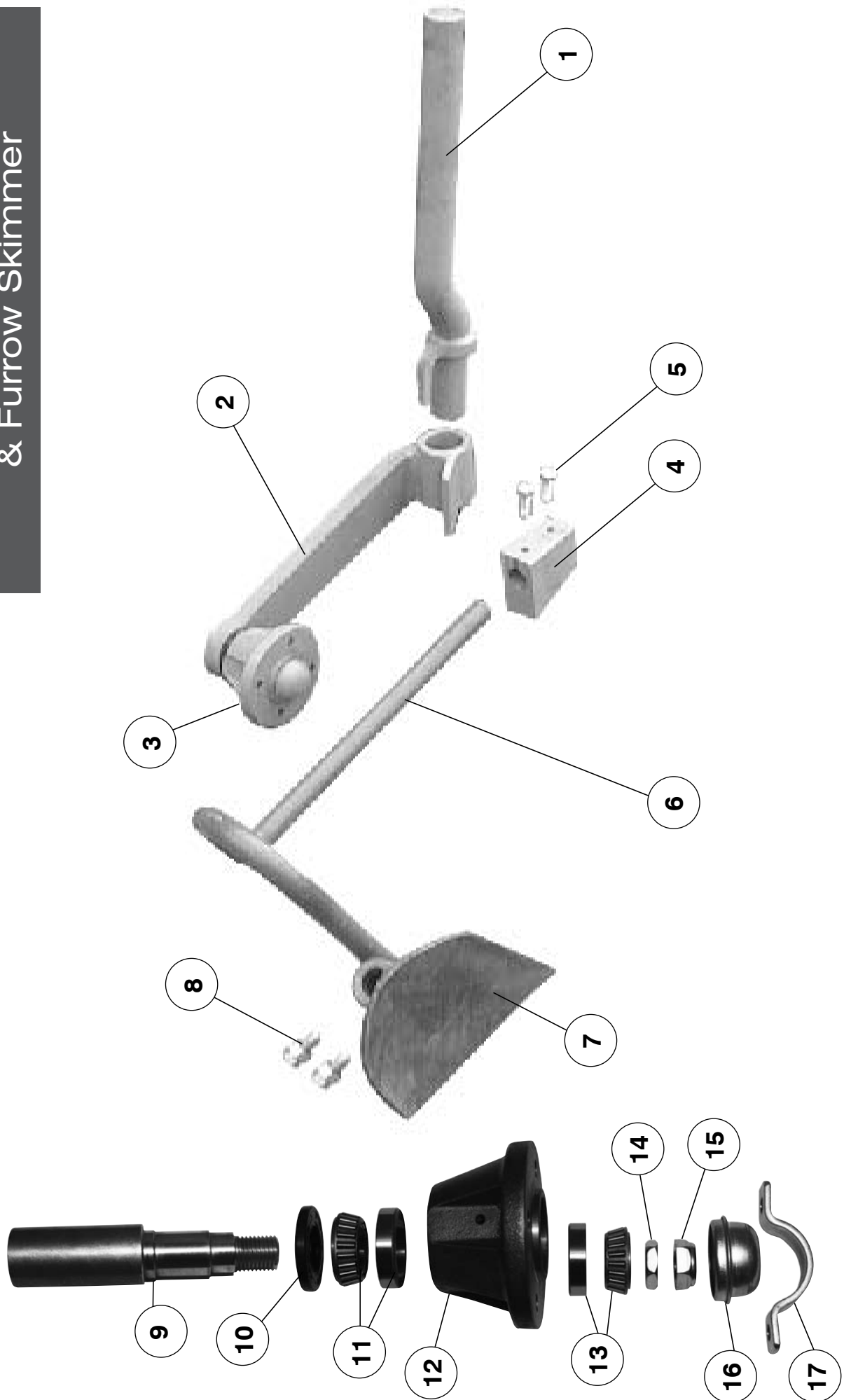
803 Variwidth Coulter & Furrow Skimmer



803 Variwidth Coulter Assembly & Furrow Skimmer

NO	PART NUMBER	DESCRIPTION
1	103303	Coulter Stalk
2	4696	M16 x 75 Bolt Zinc
3	700710	Stalk Clamp (in)
4	4694	M16 x 180 Bolt Zinc
5	700719	Stalk Clamp (out)
6	100143	Skimmer Stalk
7	100140	Skimmer mouldboard with Bolts
8	100141	Skimmer Shear with Bolts
9	100142	Skimmer Mounting Plate

Single Arm Coulter Assembly & Furrow Skimmer

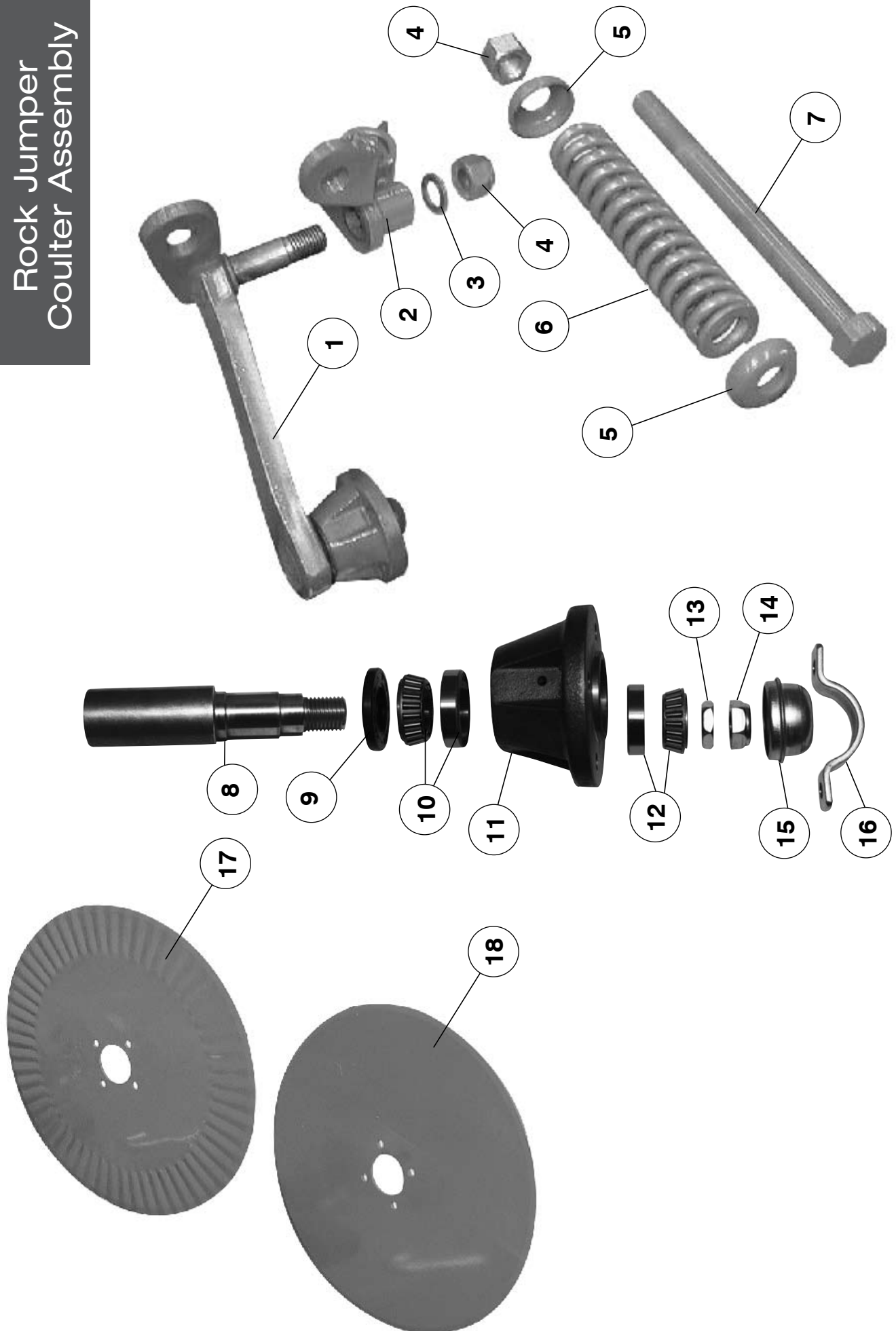


Single Arm Coulter Assembly & Furrow Skimmer

NO	PART NUMBER	DESCRIPTION
1	103300	Coulter Stalk
2	410705	Single Arm Coulter C/W Hub
	410710	Single Arm Coulter - Less Hub
3	400785	Coulter Hub Bearings Complete
4	100136	Skimmer Mounting Block
5	4662	M16 x 40 Bolt Zinc
6	100138	Support Rod
7	100139	Single Arm Coulter Mouldboard
8	4666	M16 x 50 Bolt Zinc
9	104409	Coulter Axle Plain Bearing - Weld In
	400755	Coulter Axle Taper Bearing - Weld In
10	104414	Plastic Seal
11	104407	Taper Bearing (Inner)
12	400735	Taper Bearing Coulter (Hub)
13	104408	Taper Bearing (Outer)
14	7554	M20 Half Nut
15	7553	M20 Half Nyloc Nut
16	104410	Hub Cap
17	104412	Hub Cap Retainer

Go to page 21 for coulter blades

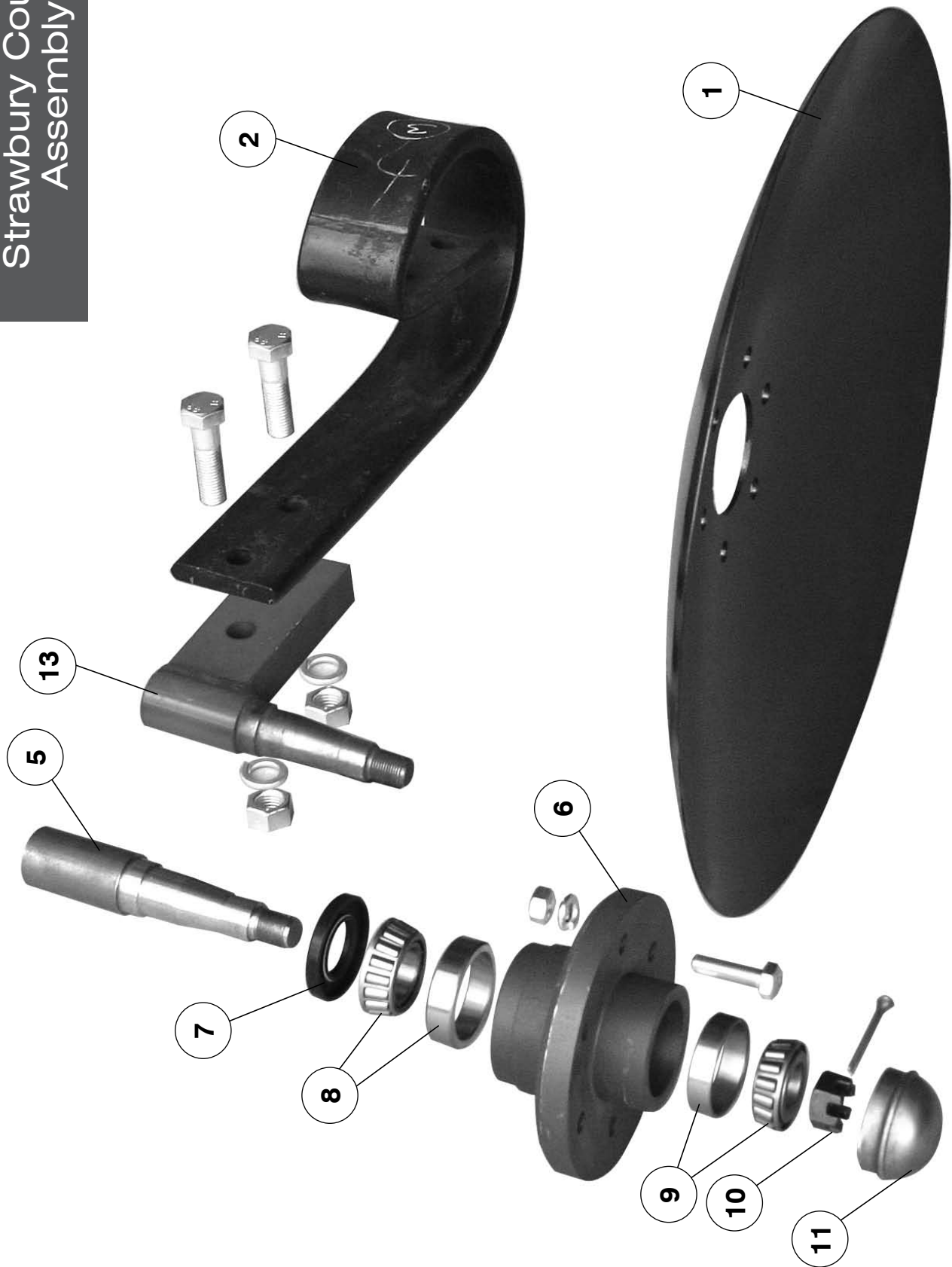
Rock Jumper Coulters Assembly



Rock Jumper Coulter Assembly

NO	PART NUMBER	DESCRIPTION
1	405301	Auto Reset Arm C/W Hub and Bearings
	405302	Auto Reset Arm Excl Hub and Bearings
2	405303	Stalk Boss - Cast
3	405304	Spacer
4	405305	Nut 1 1/8" UNC Nyloc
5	405306	Spring Retainer
6	405307	Spring
7	405308	Bolt
8	400755	Coulter Axle Taper Bearing - Weld In
9	104414	Plastic Seal
10	104407	Taper Bearing (Inner)
11	400735	Taper Bearing Coulter (Hub)
12	104408	Taper Bearing (Outer)
13	7554	M20 Half Nut
14	7553	M20 Half Nyloc Nut
15	104410	Hub Cap
16	104412	Hub Cap Retainer
17	104290	18" Fluted Coulter
	104325	20" Fluted Coulter
18	104280	18" Plain Coulter
	104315	20" Plain Coulter

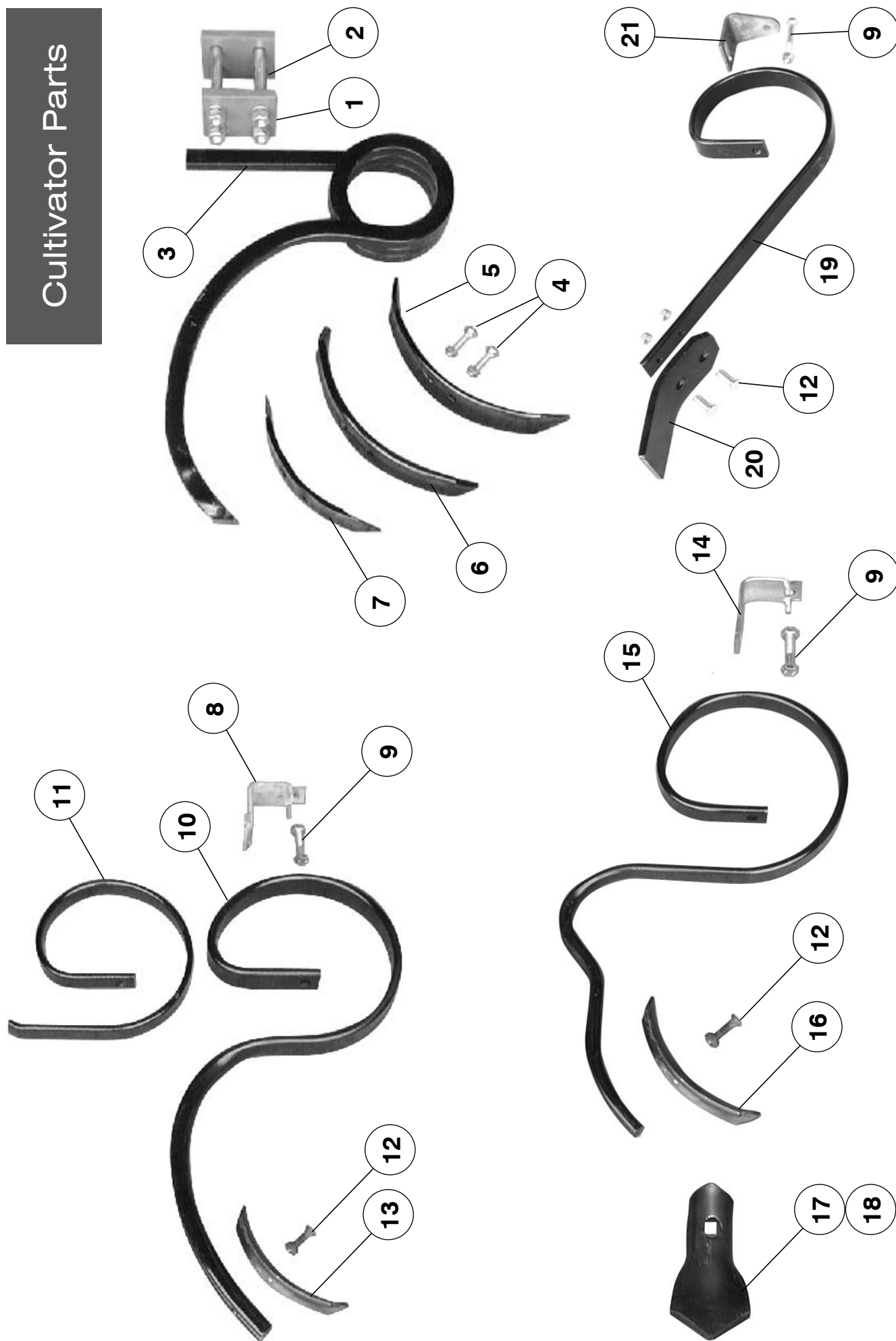
Strawbury Coulter Assembly



Strawbury Coulter Assembly

NO	PART NUMBER	DESCRIPTION
1	104338	18" Strawbury Disc
2	400727	Coulter Spring Strawbury
3	400722	Coulter Boss (Not Shown)
4	400736	Hub Assembly Complete with Bearings (Items 6-10)
5	400739	Axle Bare
6	400732	Hub Bare
7	104423	Plastic Seal
8	104417	Taper Bearing (Inner)
9	104422	Taper Bearing (Outer)
10	7504	Castellated Nut 5/8 UNF
11	104410	Hub Cap
12	104412	Hub Cap Retainer (Not Shown) Refer Pp 21
13	400738	Henry Coulter Axle

Cultivator Parts

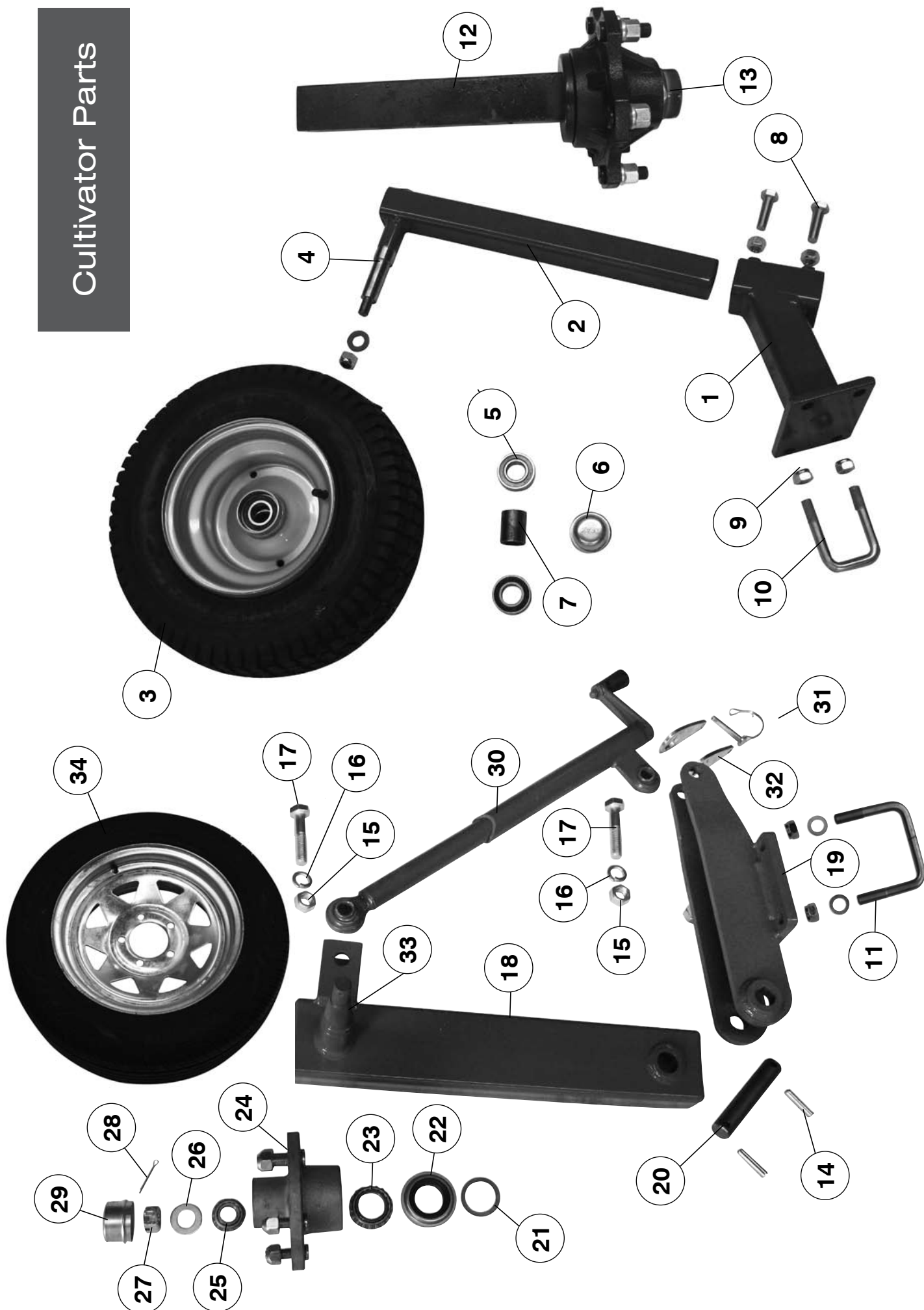


CULTIVATOR PARTS

Cultivator Parts

NO	PART NUMBER	DESCRIPTION
1	200900	Clamp Plate (Suits 89 x 89 RHS)
2	4680	M16 x 180 Bolt Zinc
3	200905	1" Square Coil Tine Right Front
	200910	1" Square Coil Tine Left Front
4	7007	Point Bolts 7/16" x 1 3/4"
5	200093	Reversible Point 355 x 50 x 12
6	200094	Reversible Point 295 x 50 x 12
7	200095	Reversible Point 260 x 50 x 8
8	204052	Tine and Helper Spring Clamp Plate
9	4561	M12 x 80 Bolt Zinc
10	204053	10mm S Tine C/W Point
	204050	12mm S Tine C/W Point
	204070	VTM S Tine 50 x 11mm
	204074	KKK Tine 32 x 10mm
11	204051	Helper Spring
12	7015	M10 x 35mm Bolt (CSK)
13	204080	Reversible Point
14	204075	10mm and 12mm Tine Clamp Plate
15	204055	RAU S Tine 32 x 10mm C/W Point
16	204073	KKK Reversible Point
17	204081	Cultivator Sweep 100mm Wide
18	204082	Cultivator Sweep 70mm Wide
19	204083	Paddle Tine
20	205610	Paddle Tip 100 Wide
21	203018	Clamp Plate (65 x 65 RHS) 50 x 10 Tine
	203019	Clamp Plate (50 x 50 RHS) 50 x 10 Tine

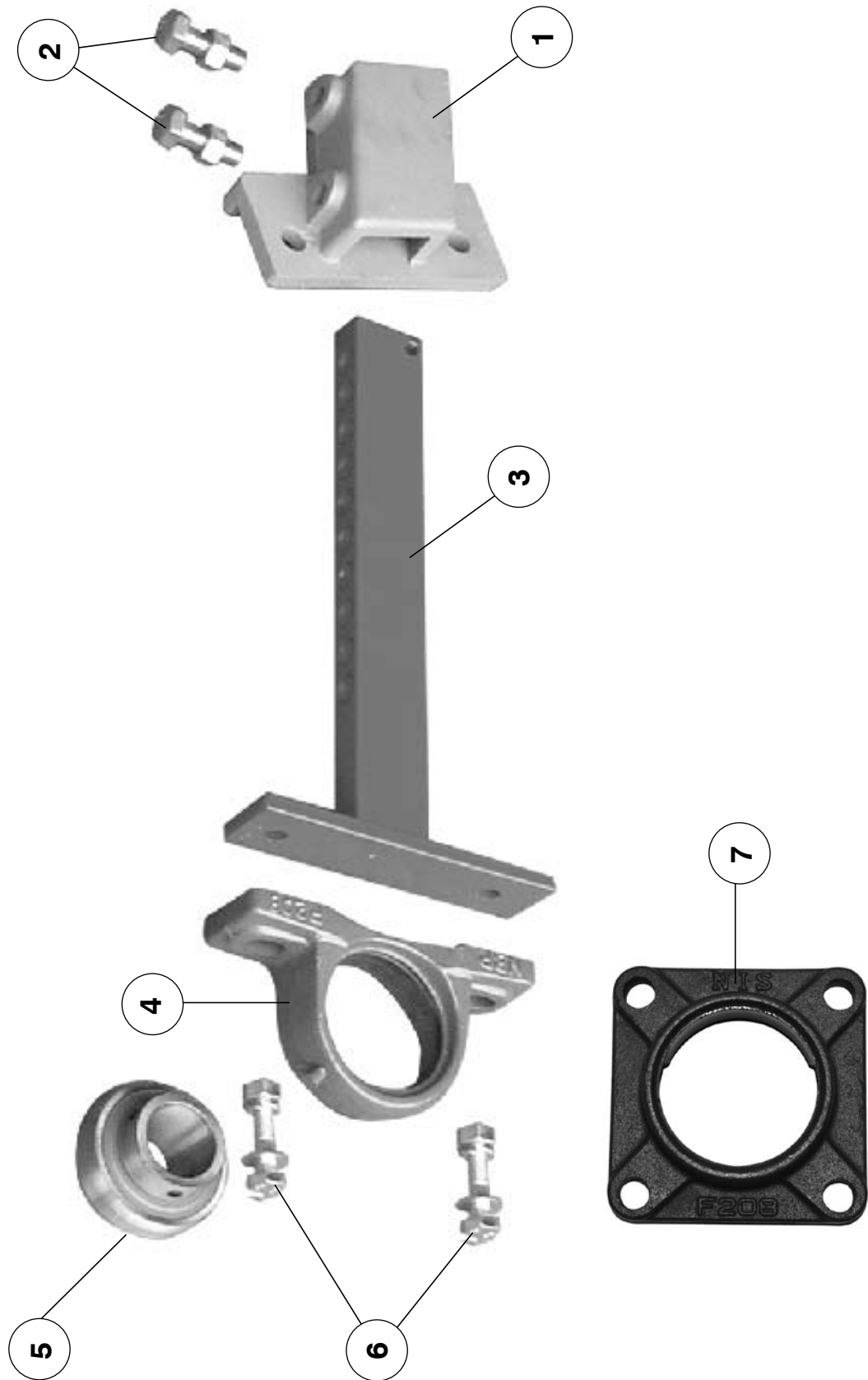
Cultivator Parts



Cultivator Parts

NO	PART NUMBER	DESCRIPTION
1	203034	Wing Wheel Bracket
2	203035	Wing Wheel Stalk C/W Axle
3	203036	Centrefold Wing Wheel
4	203037	Axle C/W Nut & Washer
5	203038	Wing Wheel Bearing
6	203039	Wing Wheel Hub Cap
7	203040	Bearing Spacer
8	7102	Set Screw M16x50
9	203043	M16 Nylock Nut
	203033	Wing Wheel Assembly Complete
10	204104	ZP U Bolt M16
11	204102	ZP U Bolt M16
12	107964	6 Stud 60 Sq. Hub and Stub
	108008	Large Bearing
	108009	Small Bearing
	108010	Bearing Seal 80 x 100 x 13
13	108003	Bearing Cap 70mm - Screw in
	108007	60 Sq. Axle Hub Cap
14	7555	M10 x 50 Roll Pin
15	7057	3/4 UNC Hex Nut Grade 8
16	7058	3/4 ZP Spring Washer
17	7059	Bolt 3/4 x 3 1/2
18	204005	Axle Carrier
19	204006	Adjusting Arm Holder
20	204007	Joining Pin (10mm holes)
21	204008	Seal Washer
22	204009	Hub Seal
23	204010-01	Outer Bearing
24	204011-1	Hub 103 Wing Wheel
25	204012-01	Inner Bearing
26	204013	3/4 Washer
27	204014	3/4 Slotted Nut
28	204015	Split Pin 4 x 32
29	204016-1	Hub Cap
30	204025	Adjusting arms (9JW02SP)
31	204026	10mm Shaft Locking Pins
32	204027	Wing Wheel Handle Holder
33	204088	Axle
34	204089	Trailing Maxitill Wheel
	205455	103 Wing Wheel Complete

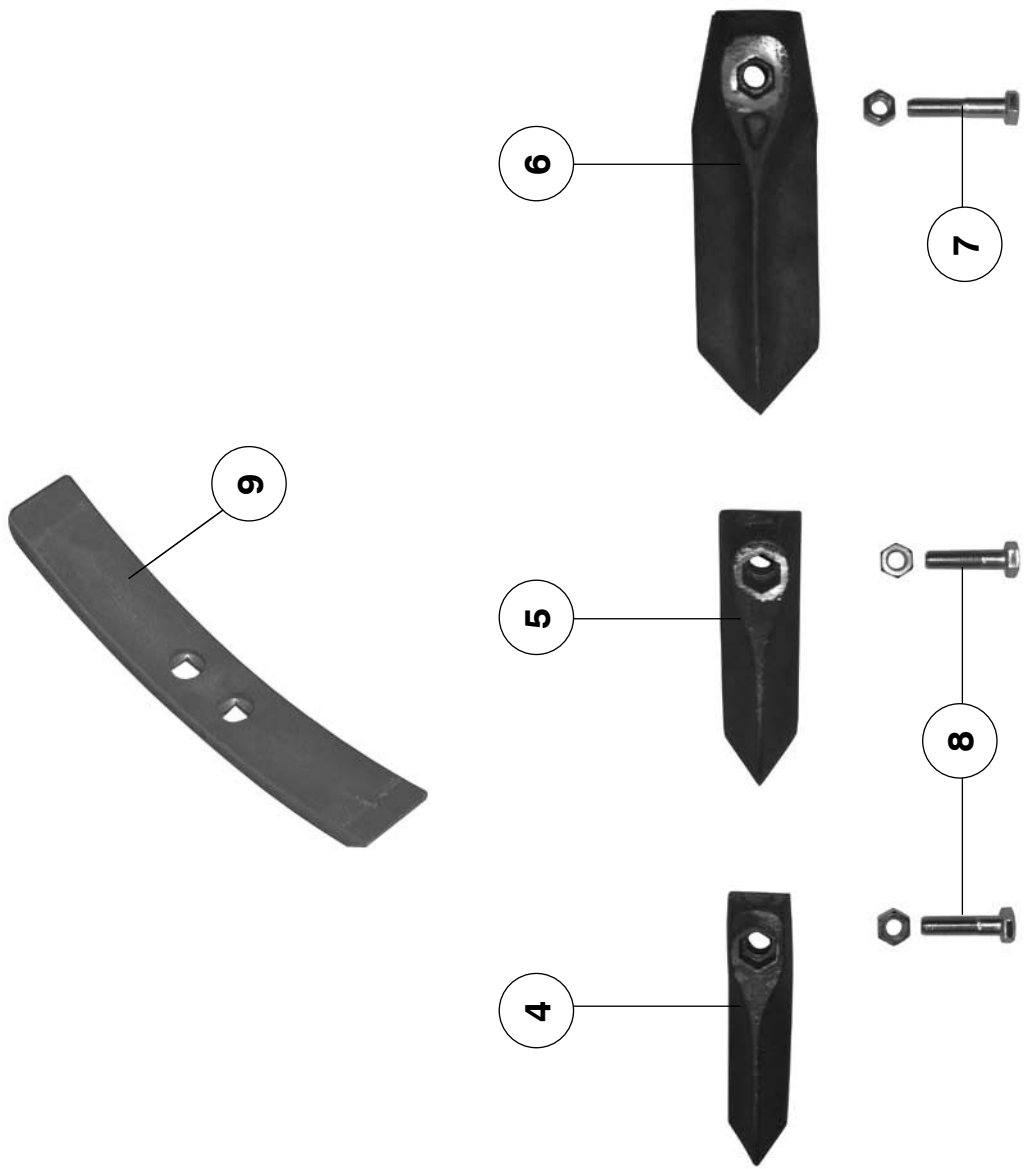
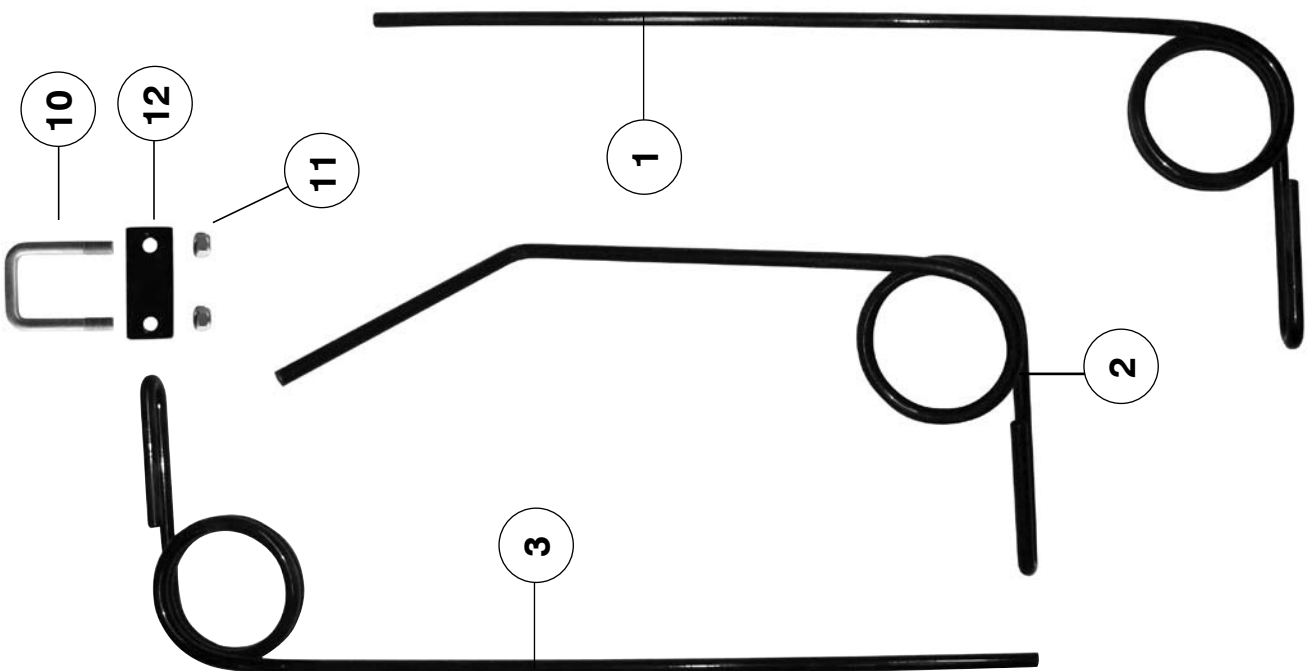
Crumbler Mounting Assembly



Crumbler Mounting Assembly

NO	PART NUMBER	DESCRIPTION
1	204715	Roller Mounting Block Left Hand
	204716	Roller Mounting Block Right Hand
2	7100	Bolts and Lock Nuts M16 x 40
3	204710	Adjustable Roller Stalk
4	203200	Bearing Housing
5	203240	Bearing
6	7085	Bearing Bolts M12 x 50 (Each)
7	203201	Bearing Housing Flange Type

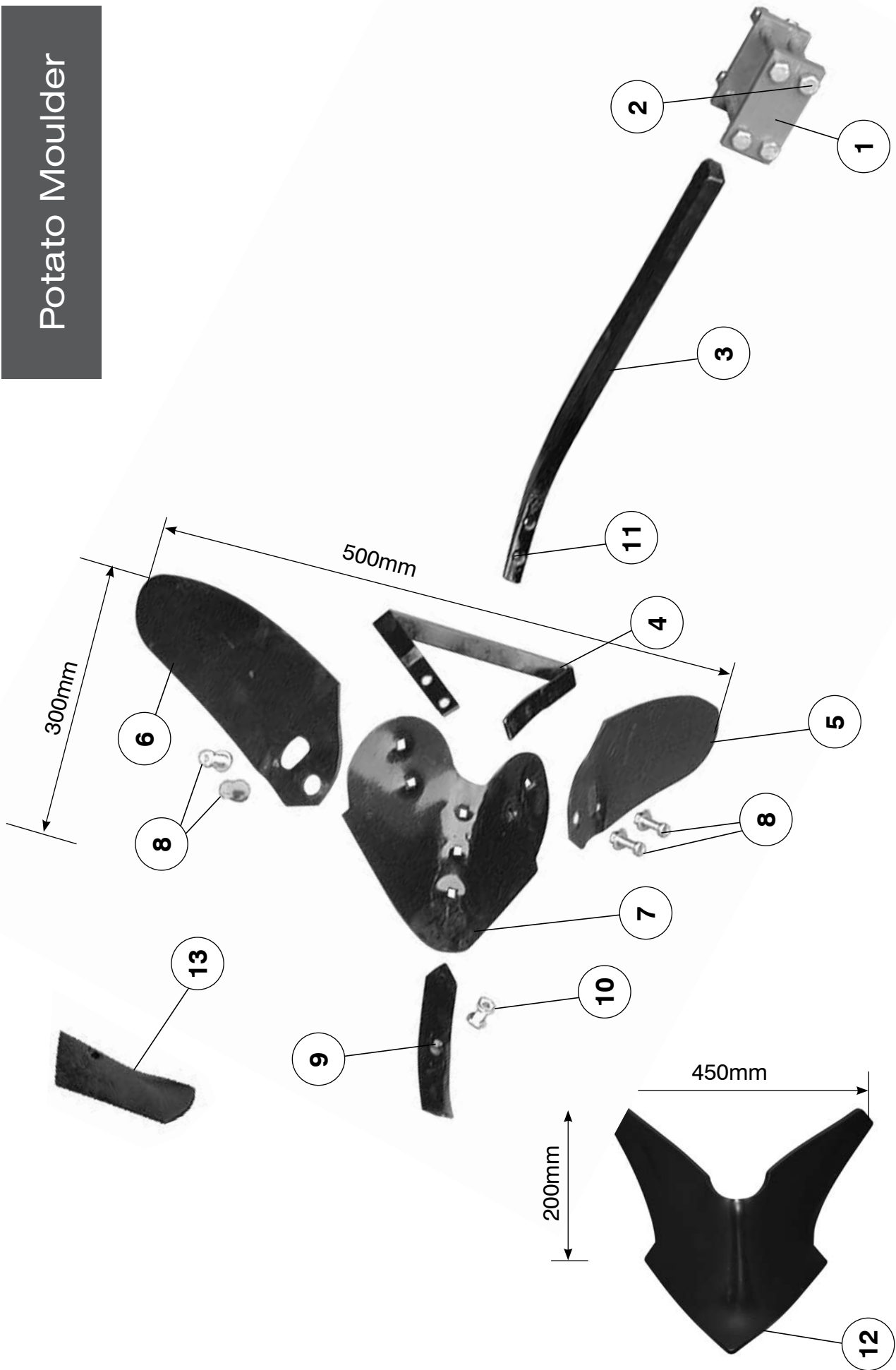
Tines and Points



Tines and Points

NO	PART NUMBER	DESCRIPTION
1	204054	Finger Tine Straight
2	202718	Finger Tine Front
3	202719	Finger Tine Rear
4	204046	Cast Maxi Point-100
5	204047	Cast Maxi Point-150
6	204049	60mm Maxi Point 1" Coil Tine
7	7016	Bolt M10 x 50
8	7068	Bolt M10 x 40
9	440100	Panbuster Point 420 x 75mm (2 Holes)
	440107	Panbuster Point 420 x 75mm (3 Holes)
	7020	Bolt 5/8" x 3"
10	7021	U Bolt 12mm
11	7022	12mm Nyloc Nut
12	7023	Finger Tine Clamp

Potato Moulder

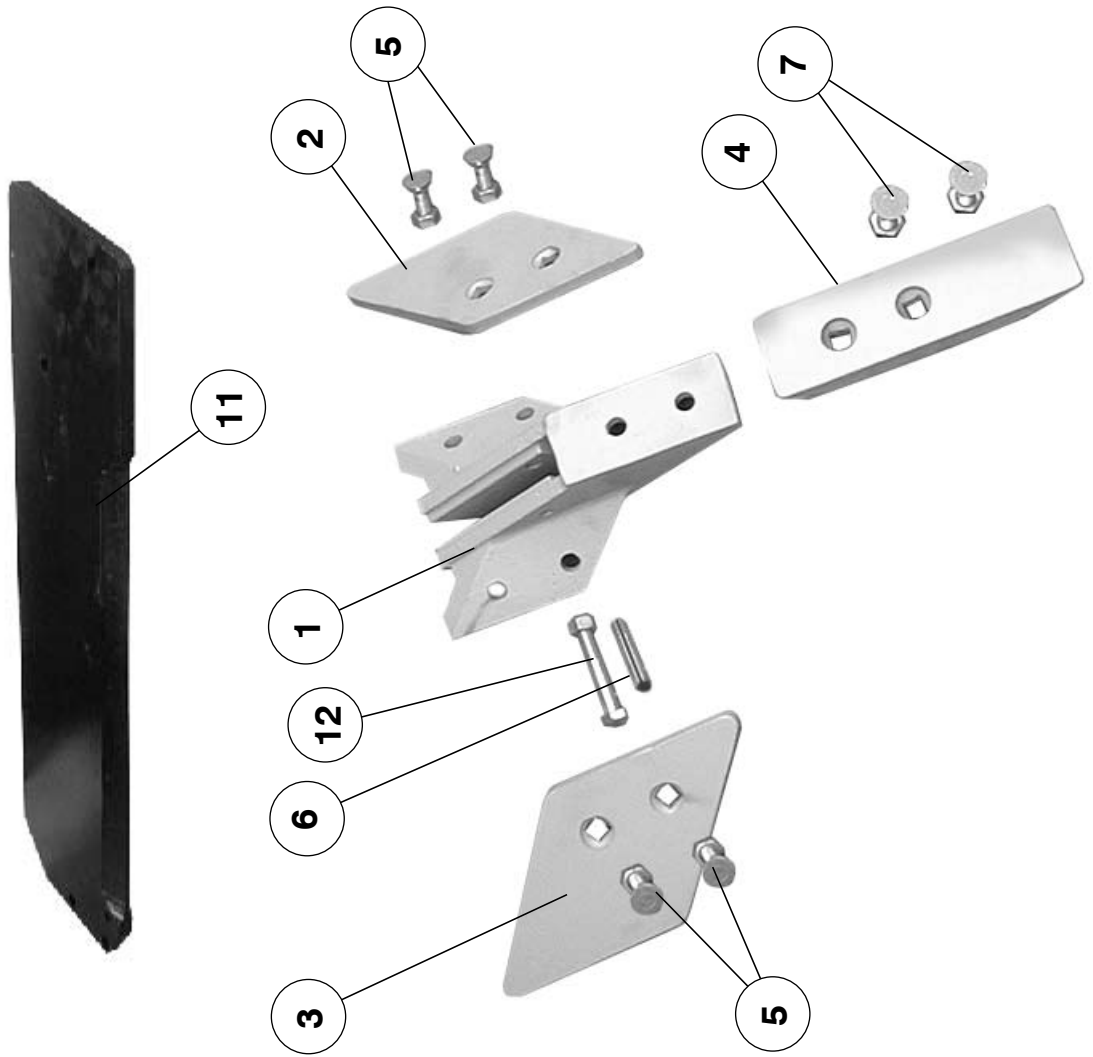


TOOL BAR & SOIL AERATION

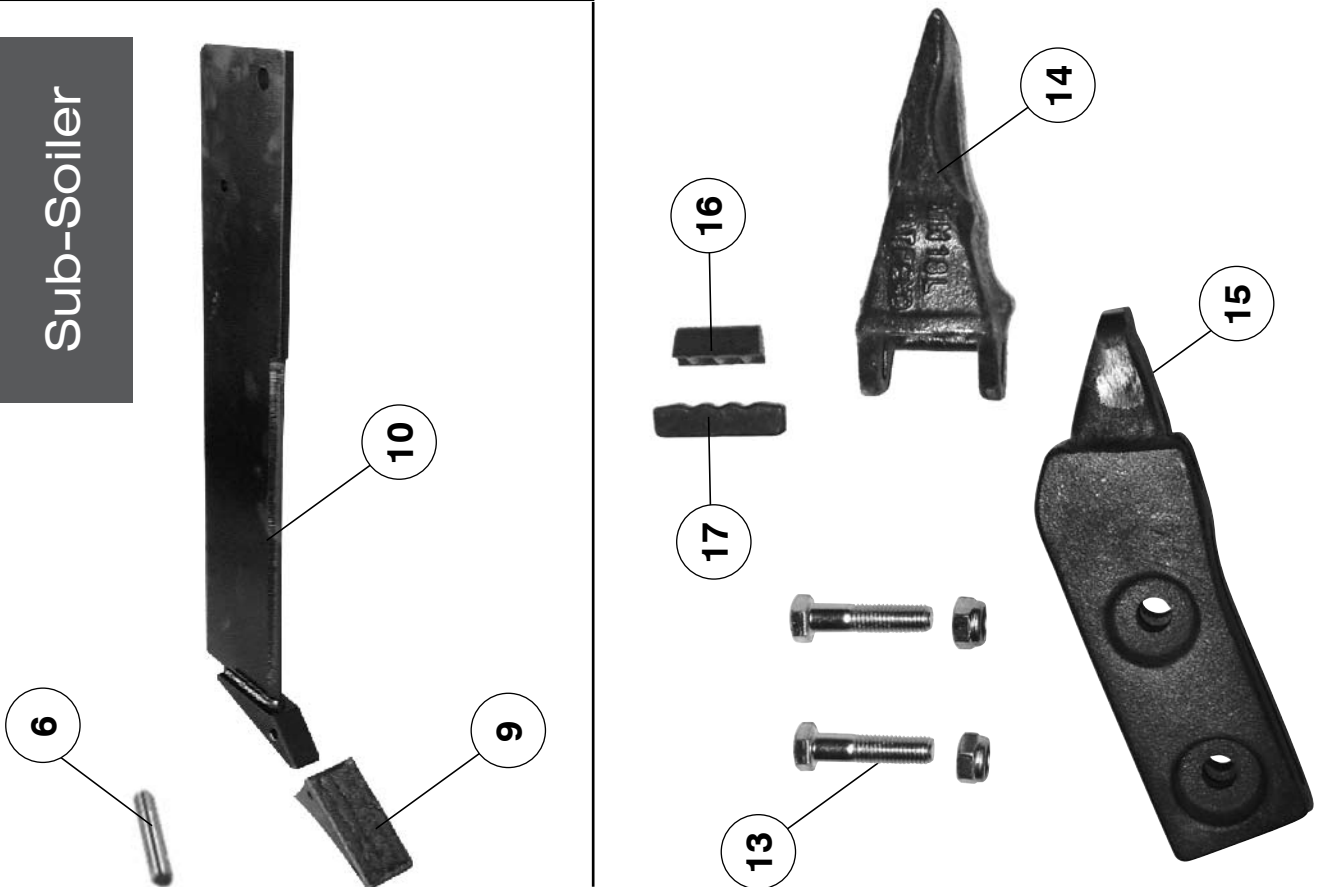
Potato Moulder

NO	PART NUMBER	DESCRIPTION
1	210310	Clamp Plate (Suits 50 x 50 RHS)
2	7282	Bolts M16 x 160
3	200980	Rigid Tine 50mm
	200982	Rigid Tine 70mm
4	200604	Support Bracket
5	200602	Left Wing
6	200603	Right Wing
7	200601	Moulder Body
8	7006	Wing Bolts & Washers (CSK) 7/16" x 1 1/2"
9	204080	Reversible Point
10	7007	Point Bolt (CSK) 7/16" x 1 3/4"
	200600	Moulder Complete No 4, 5, 6, 7, & 8
11	7009	Stalk to Moulder Bolt 7/16" x 2"
12	202600	Mackay Moulder
13	202951	M/F Ducks Bill Point

Panerazor



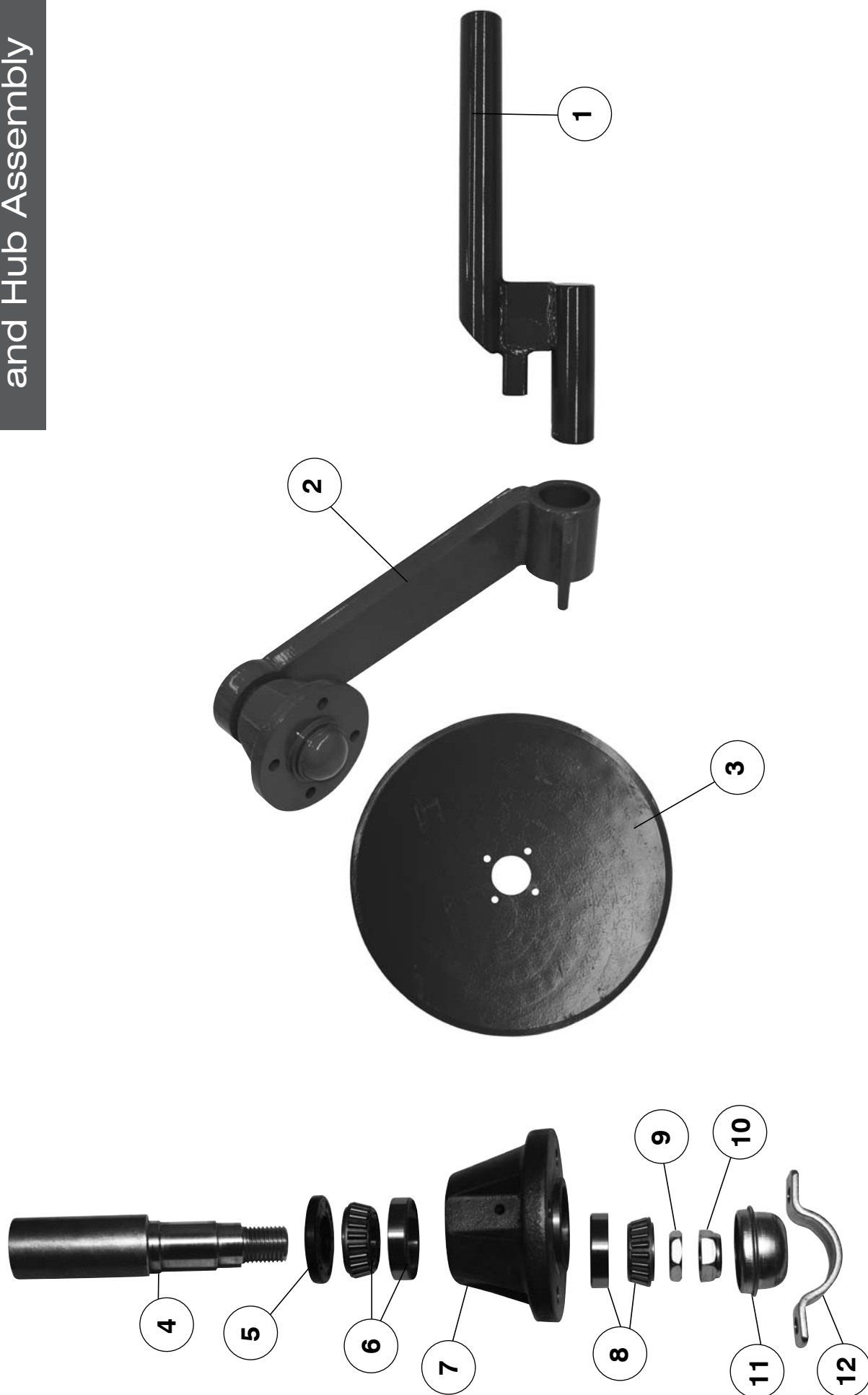
Sub-Soiler



Soil Aeration Toes and Blades

NO	PART NUMBER	DESCRIPTION
1	440113	Saddle
2	440111	Left Wing 2", 4"
3	440112	Right Wing 2", 4"
4	440110	Front Point
5	7006	Bolts (CSK) 1 ½" x 7/16"
6	7555	M10 x 50 Roll Pin
7	7007	Bolts (CSK) 1 ¾" x 7/16"
8	440129	Panerazor Winged Foot Complete
9	440102	Rata Subsoiler Replaceable Toe
	440103	Rata Subsoiler Replaceable Toe 150mm Wide
	440104	NiHard Wear Strip 230mm Long
10	440114	Rata Subsoiler Leg C/W Toe
	440106	SubSoiler Weld-on Foot
11	440115	Panerazor Leg
12	7087	Bolt M12 x 70
13	7085	Bolt M12 x 50
14	440122	Panerazor Pasture Point
15	440125	Panerazor Pasture Foot
16	440127	Point Lock
17	440128	Point Pin
	440124	Panerazor Pasture Point C/W Hard Facing
18	440121	Panerazor Pasture Foot Complete
	7040	Panerazor Shear Bolt 9/16" x 3"
	7082	Subsoiler Shear Bolt M12 x 50

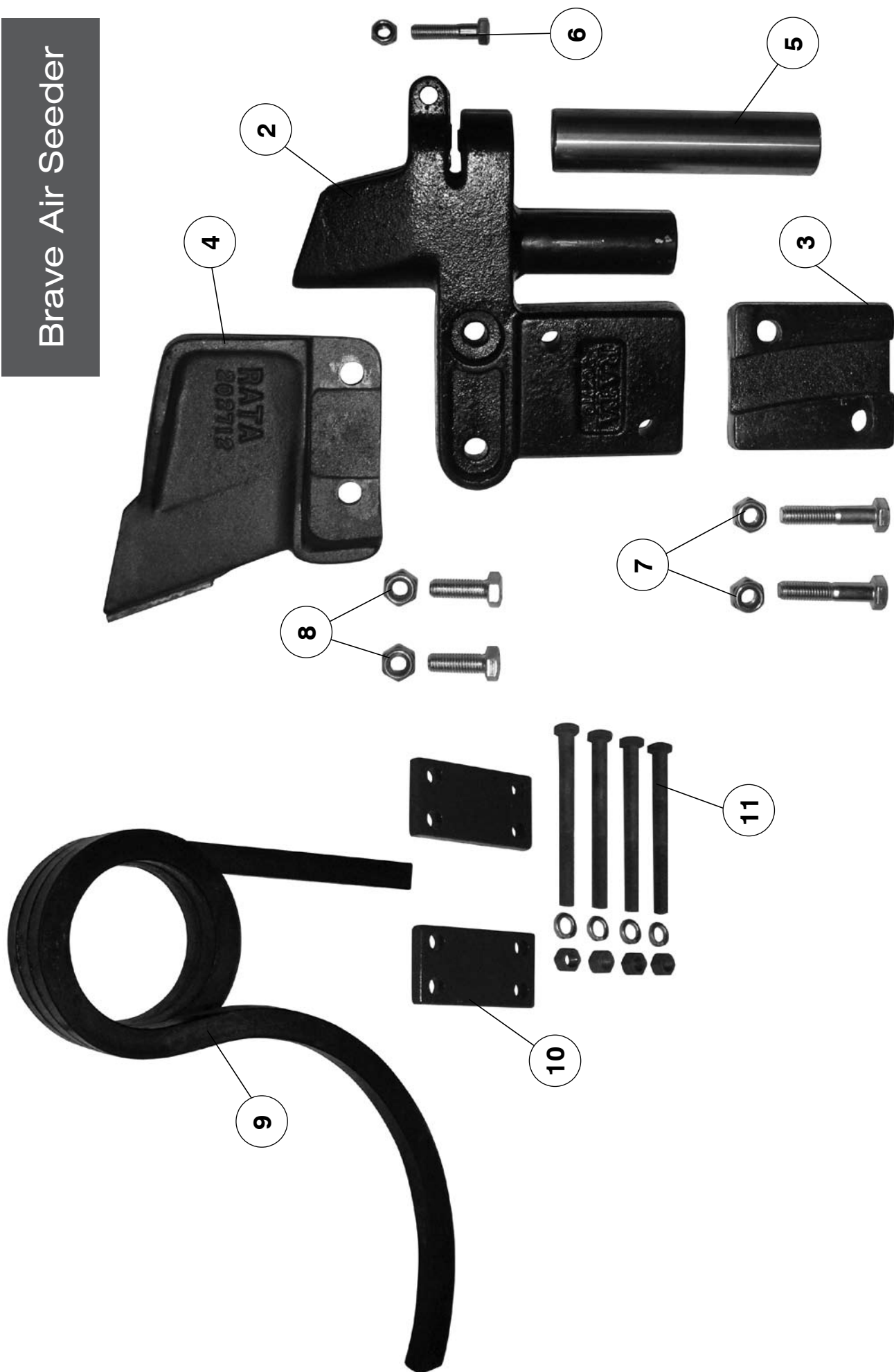
Panerazor Coulter and Hub Assembly



Panerazor Coulter and Hub Assembly

NO	PART NUMBER	DESCRIPTION
1	103301	Panerazor Coulter Stalk
2	410705	Panerazor Single Arm Coulter C/W Hub
3	104280	18" Plain Coulter
	104315	20" Plain Coulter
4	400755	Coulter Axle Taper Bearing - Weld In
5	104414	Plastic Seal
6	104407	Taper Bearing (Inner)
7	400735	Taper Bearing Coulter (Hub)
8	104408	Taper Bearing (Outer)
9	7554	M20 Half Nut
10	7553	M20 Half Nyloc Nut
11	104410	Hub Cap
12	104412	Hub Cap Retainer

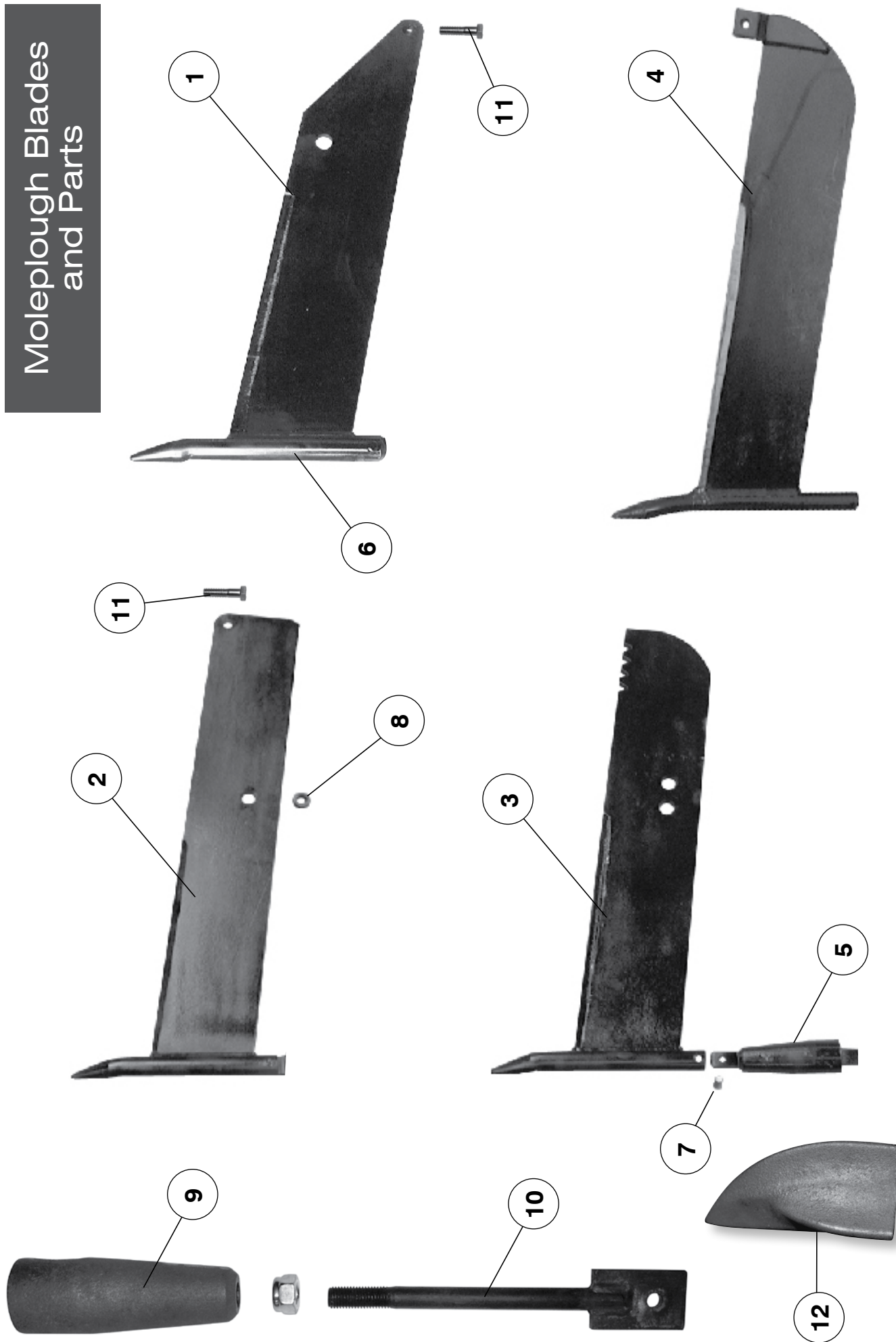
Brave Air Seeder



Boot Holder Body & Clamp Set

NO	PART NUMBER	DESCRIPTION
1	202710/11	Boot Holder Body & Clamp Set
2	202710	Main Boot Holder
3	202711	Boot Holder Clamp
4	202712	Air Seeder Point
5	202720	Stainless Fert Pipe
6	4268	Bolt M8 x 35
7	4373	Bolt M10 x 50
8	4361	Bolt M10 x 30
9	202705	LH Air Seeder Tine
	202706	RH Air Seeder Tine
10	210311	Clamp Plate (Suits 100 x 100 RHS)
11	7125	Bolt M16 x 180 Galve

Moleplough Blades and Parts

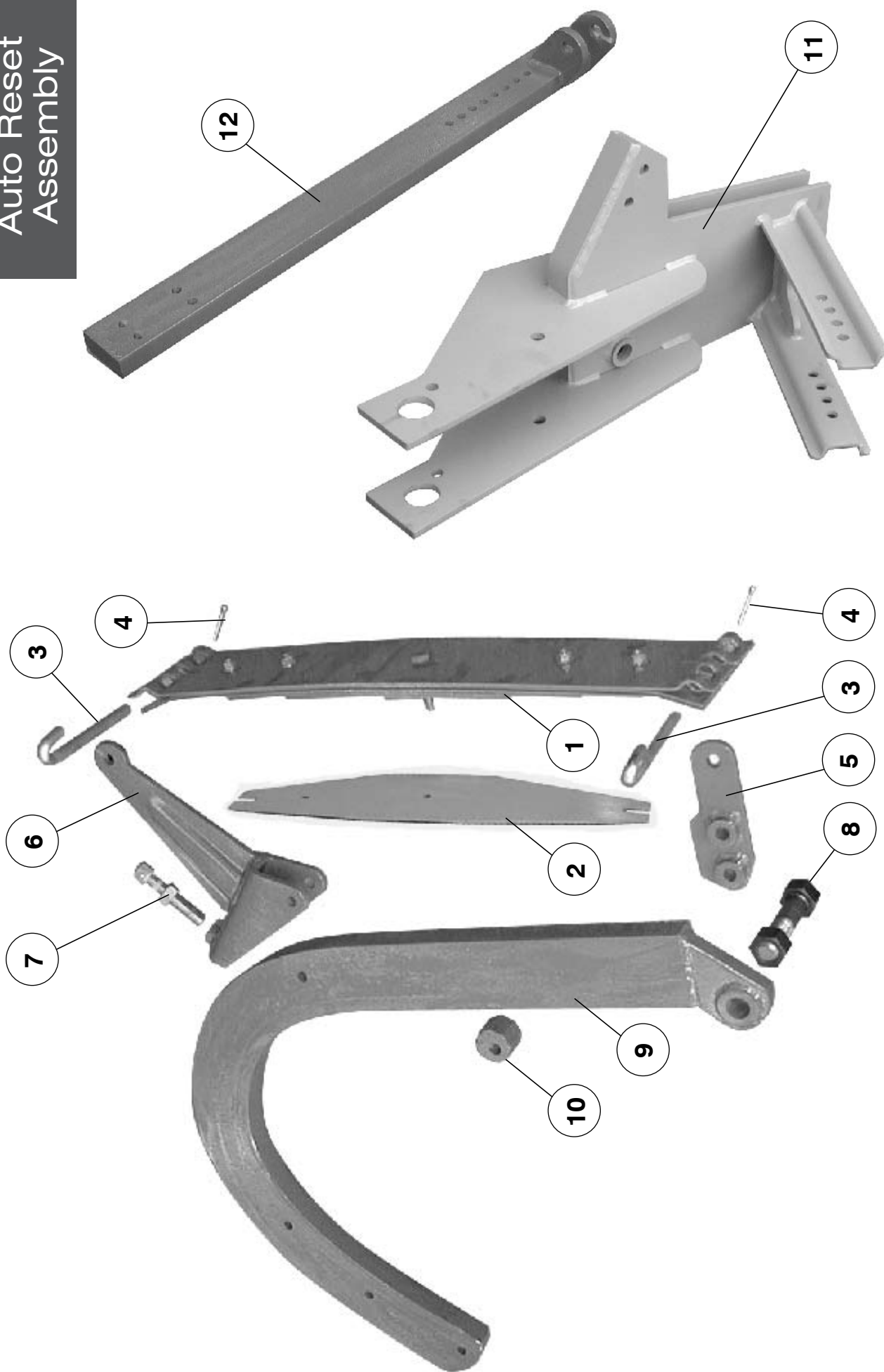


MOLEPLOUGHS

Moleplough Blades and Parts

NO	PART NUMBER	DESCRIPTION
1	460102	Access Mole Blade C/W Torpedo
	460147	Access Mole Blade Extended 150mm C/W Torpedo
2	460103	Mole Blade Hydraulic C/W Torpedo
3	460104	Trip Mole Blade C/W Torpedo
4	460105	Klough Mole Blade C/W Torpedo
5	460125	2 1/2" Plug
	460126	3" Plug
	460127	4" Plug
6	460115	Torpedo 500mm x 40mm dia
	460116	Torpedo 400mm x 40mm dia
	460117	Torpedo 500mm x 50mm dia
7	460118	Plug Rivet - Rata
	460119	Plug Roll Pin 1/2" x 2"
8	460114	Blade Bush (Hard)
	460154	Repair Blade with 400mm Torpedo 350 x 200
	460107	Repair Blade with Nihard Point
	460148	Repair Blade with 500mm Torpedo 350 x 200
9	460130	Revolving Plug 2 1/2"
	460128	Revolving Plug 3"
	460129	Revolving Plug 4"
	460149	Revolving Plug 6"
10	460131	Revolving Plug Shaft & Nut
11	7082	Shear Bolt M12 x 50
12	460142	Nihard Torpedo Point

Auto Reset Assembly

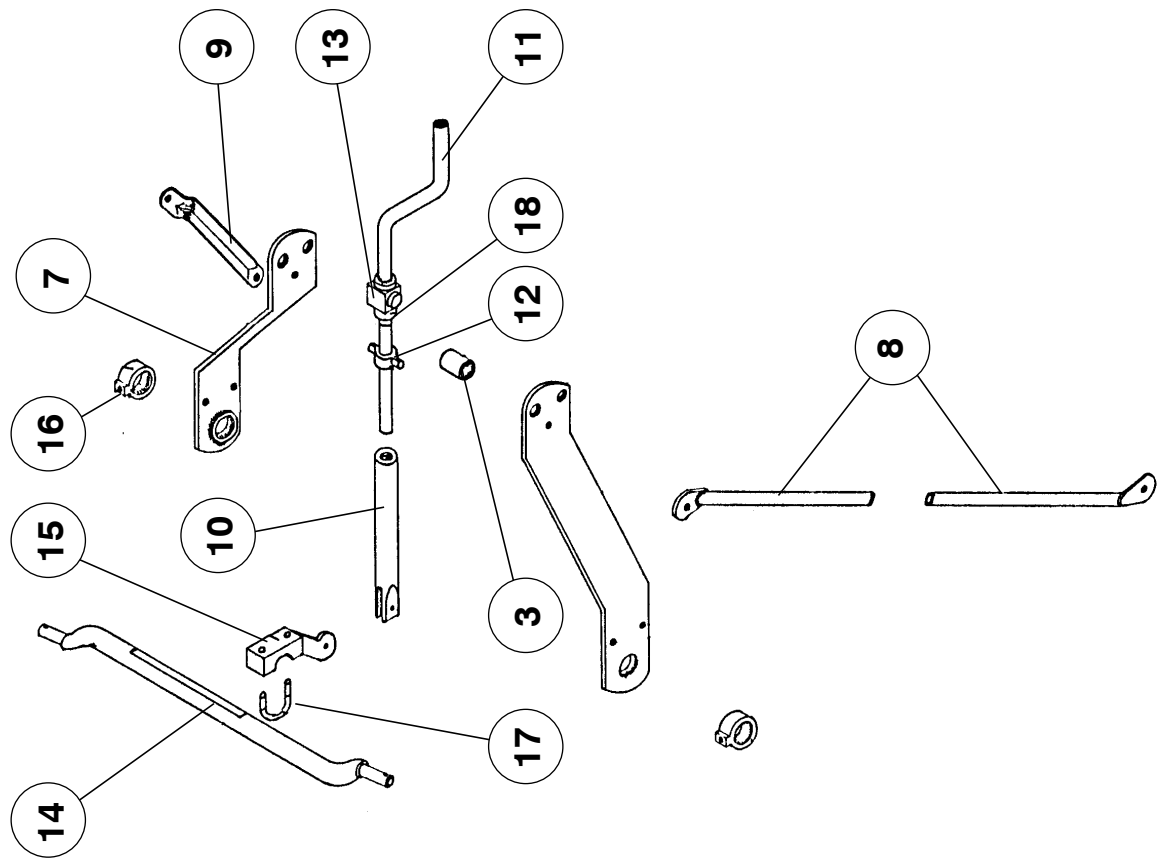


MULTI-PLOUGH ASSEMBLIES

Auto Reset Assembly

NO	PART NUMBER	DESCRIPTION
1	400411	Auto Reset Spring
2	400412	Overload Spring
3	400413	Spring Pins
4	400414	Spring Pin Split Pins
5	400435	Front Spring Anchor
6	400420	Rear Spring Anchor
7	400409	Bolt Set Screw
8	400410	Bolt Beam Pivot
9	400401	Beam Auto Reset
	400402	Beam High Clearance
10	400415	Octagonal Spacer
11	400404	Multi-Plough Furrow Assembly
12	103500	Mounted D/Bar Clevis Cat 2 - 4"
	103470	Semi Mounted D/Bar Cat 2 - 3"
	103475	Semi Mounted D/Bar Cat 2 - 4"
	103480	Semi Mounted D/Bar Cat 3 - 4"
	103485	Semi Mounted D/Bar Clevis Cat 2 - 4" (Not Shown)

MTD Plough Linkage Assembly

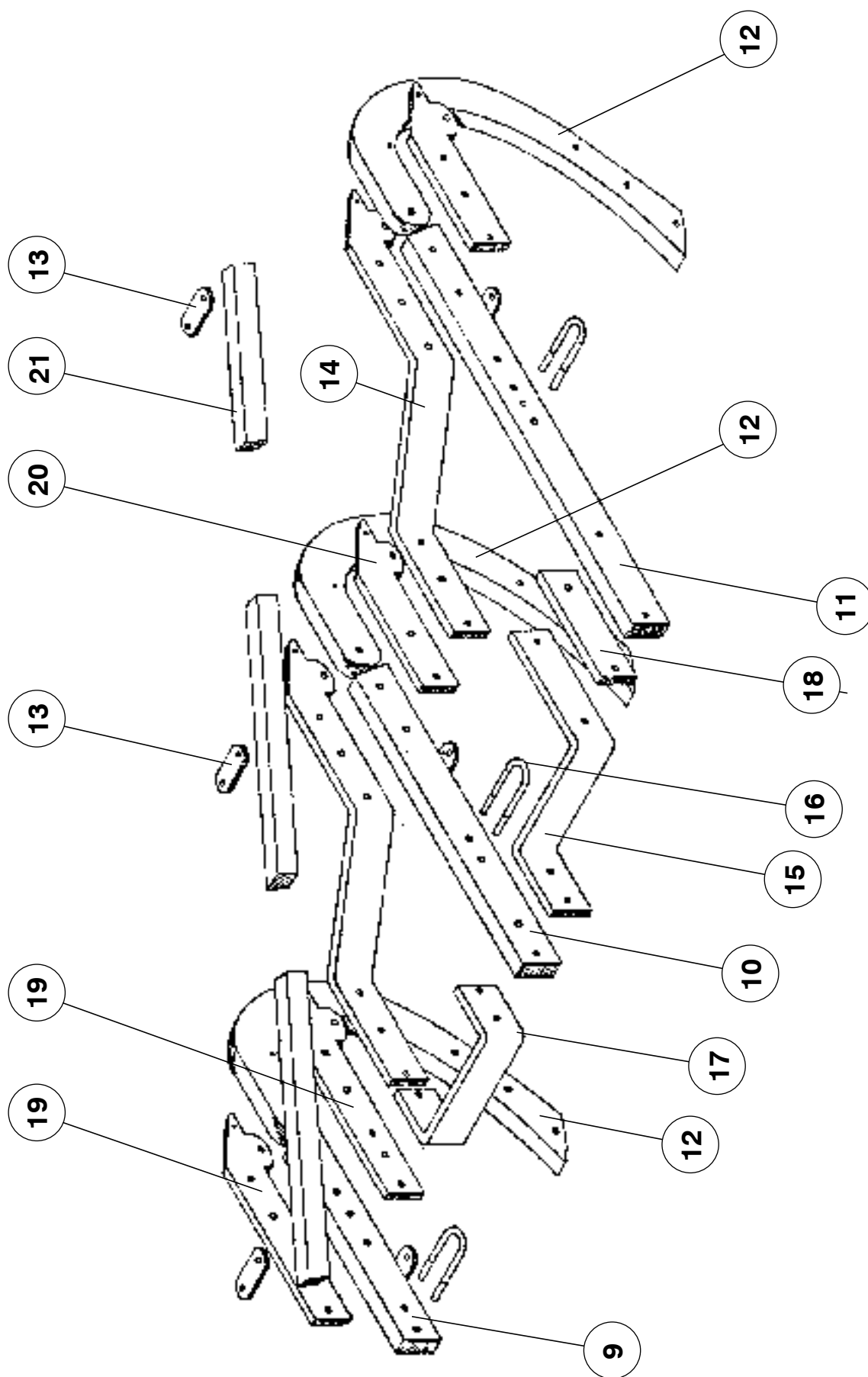


MTD SHEAR-PIN PLOUGH ASSEMBLIES

MTD Plough Linkage Assembly

NO	PART NUMBER	DESCRIPTION
7	102910	Link Support 14" Std
8	103008	Link Stay L/h 3f 33 cm
	103009	Link Stay L/h 3f 38 cm
9	103048	Link Stay R/h S/pin
10	103170	Adjusting Nut 1 1/8"
11	103180	Width Screw 1 1/8"
12	103190	Lock Nut 1 1/8"
13	103200	Width Block
14	103455	Draught Bar Cat 1
	103460	Draught Bar Cat 2
15	103520	Adjusting Arm
16	103525	Draught Bar Collar
17	103622	U Bolt Draught Bar
18	103210	Shafting Collar 1 1/8"
19	103075	Top Link Spacer

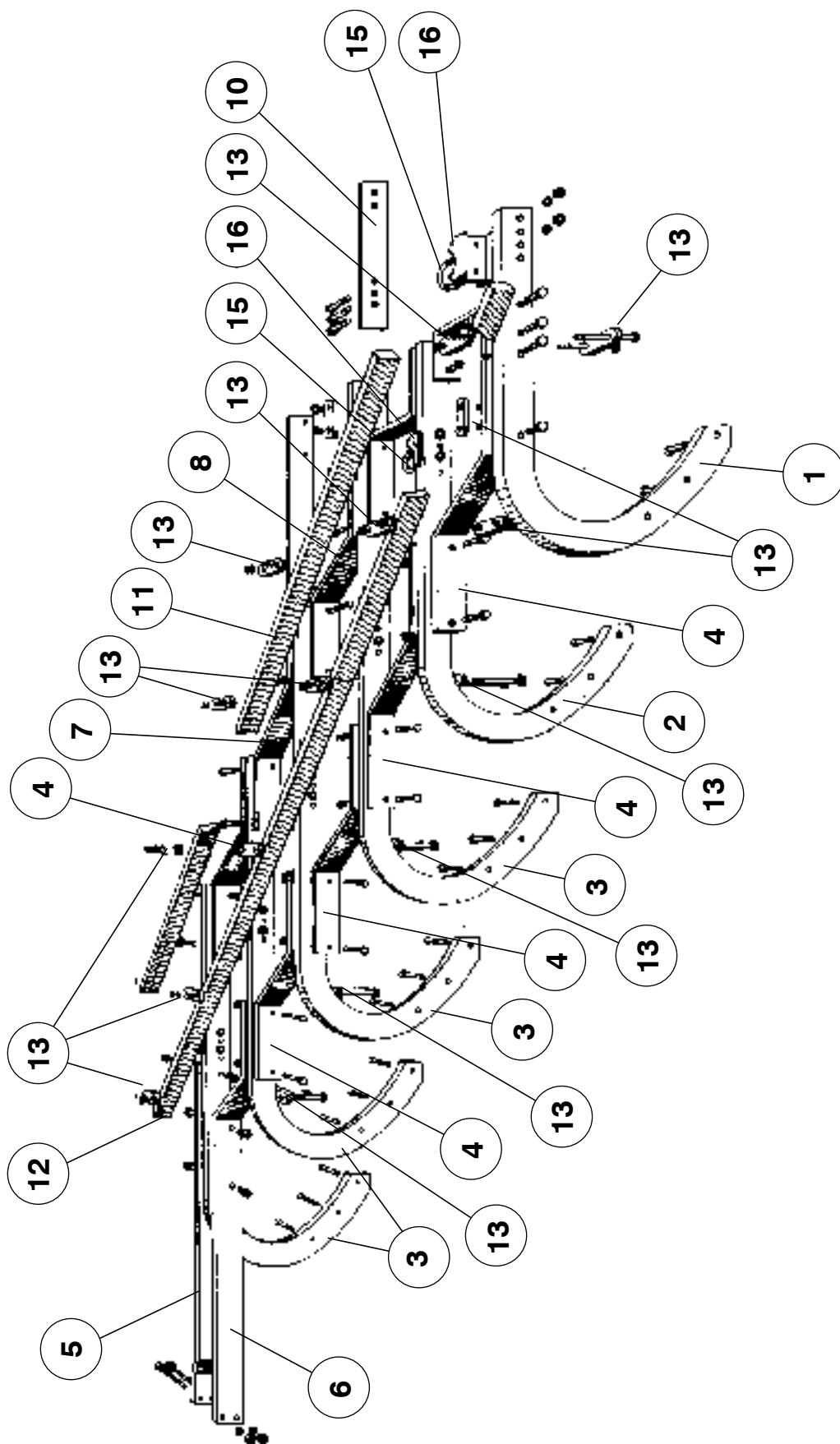
3F MTD Shear-Pin



3F MTD Shear-Pin

NO	PART NUMBER	DESCRIPTION
9	100710	1st Shear-pin 3 ½" x 1 ½" Beam
10	100715	2nd Shear-pin 3 ½" x 1 ½" Beam
11	100720	3rd Shear-pin 3 ½" x 1 ½" Beam
12	100755	Shear-pin Hook
13	101275	Clamp Plate
14	101920	33 cm Diagonal Brace
	101930	38 cm Diagonal Brace
15	102610	Z Bracket 12" x 3 ½"
	102615	Z Bracket 14" x 3 ½"
16	103620	U Bolt Coulter
17	103700	Spacer Bracket 12" x 3 ½"
	103705	Spacer Bracket 14" x 3 ½"
18	104520	Beam Spacer 3 ½" x 7/8" x 12"
19	104600	Shear-pin Support (long)
20	104610	Shear-pin Support (short)
21		Back Brace

Semi-Mounted Plough Frames

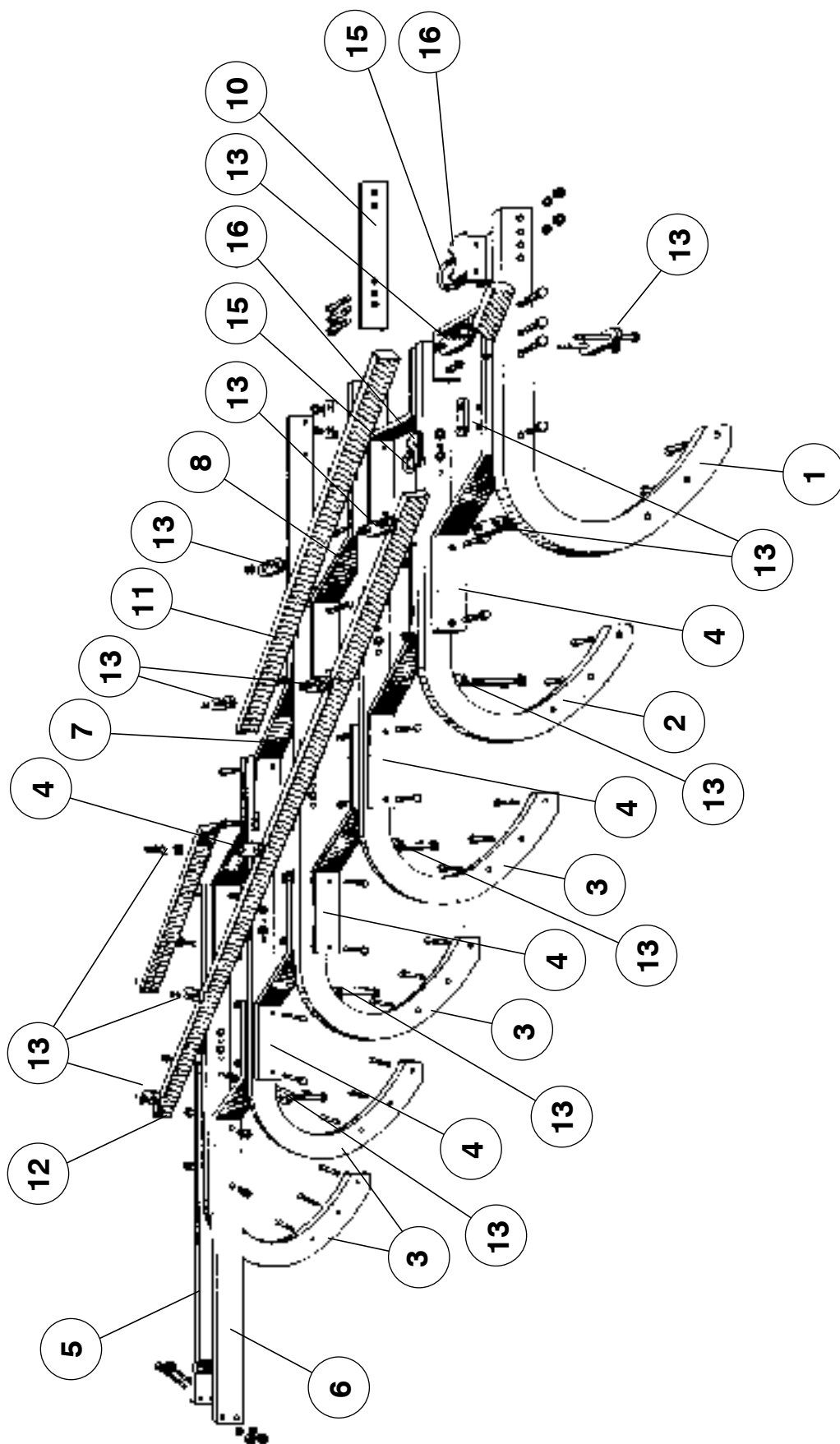


SEMI-MOUNTED BRACING PLOUGHS

Semi-Mounted Plough Frames

NO	PART NUMBER	DESCRIPTION
1	100680	Beam - 1st 3 ½" GP-AP
	100695	Beam - 1st 4" Ruapuna
2	100685	Beam - 2nd 3 ½" GP-AP
	100700	Beam - 2nd 4" Ruapuna
3	100690	Beam - 3rd 3 ½" GP-AP
	100705	Beam - 3rd 4" Ruapuna
4	101560	Diagonal Brace 12" x 3 ½"
	101565	Diagonal Brace 14" x 3 ½"
	101580	Diagonal Brace 12" x 4"
	101585	Diagonal Brace 14" x 4"
	101595	Diagonal Brace 16" x 4"
5	101600	Diagonal Brace - Rear Wheel 12" x 3 ½"
	101605	Diagonal Brace - Rear Wheel 14" x 3 ½"
	101610	Diagonal Brace - Rear Wheel 14" x 4"
	101615	Diagonal Brace - Rear Wheel 16" x 4"
	101625	Diagonal Brace - Rear Wheel 12" x 4"
6	105505	Support Brace - Rear Wheel 3 ½"
	105510	Support Brace - Rear Wheel 4"
7	101560	Diagonal Brace - 4th Beam Front 12" x 3 ½"
	101565	Diagonal Brace - 4th Beam Front 14" x 3 ½"
	101580	Diagonal Brace - 4th Beam Front 12" x 4"
	101585	Diagonal Brace - 4th Beam Front 14" x 4"
	101595	Diagonal Brace - 4th Beam Front 16" x 4"
8	101560	Diagonal Brace - 3rd Beam Front 12" x 3 ½"
	101565	Diagonal Brace - 3rd Beam Front 14" x 3 ½"
	101580	Diagonal Brace - 3rd Beam Front 12" x 4"
	101585	Diagonal Brace - 3rd Beam Front 14" x 4"
	101595	Diagonal Brace - 3rd Beam Front 16" x 4"
9	102610	Z Bracket 12" x 3 ½"
	102615	Z Bracket 14" x 3 ½"
	102620	Z Bracket 12" x 4"
	102625	Z Bracket 14" x 4"
	102630	Z Bracket 16" x 4"

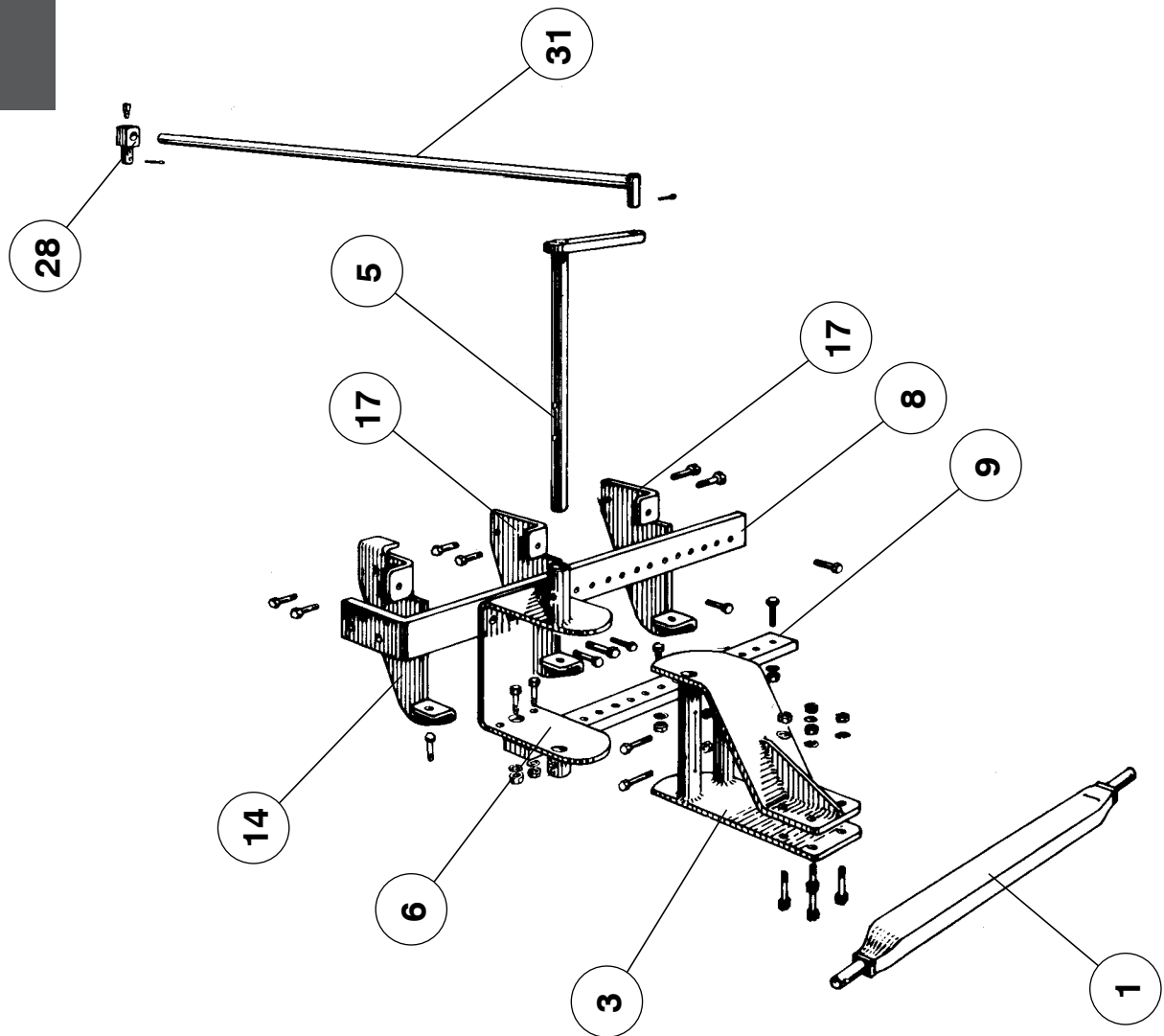
Semi-Mounted Plough Frames



Semi-Mounted Plough Frames

NO	PART NUMBER	DESCRIPTION
10		Plate Brace
		Plate Brace
		Plate Brace
11		Back Brace - Front
12		Back Brace - Rear
13	101275	Clamp Plate - Back Brace
15	103620	U Bolt
16	103640	Bracket - Coulter 3"
	103645	Bracket - Coulter 3 ½"
	103650	Bracket - Coulter 4"

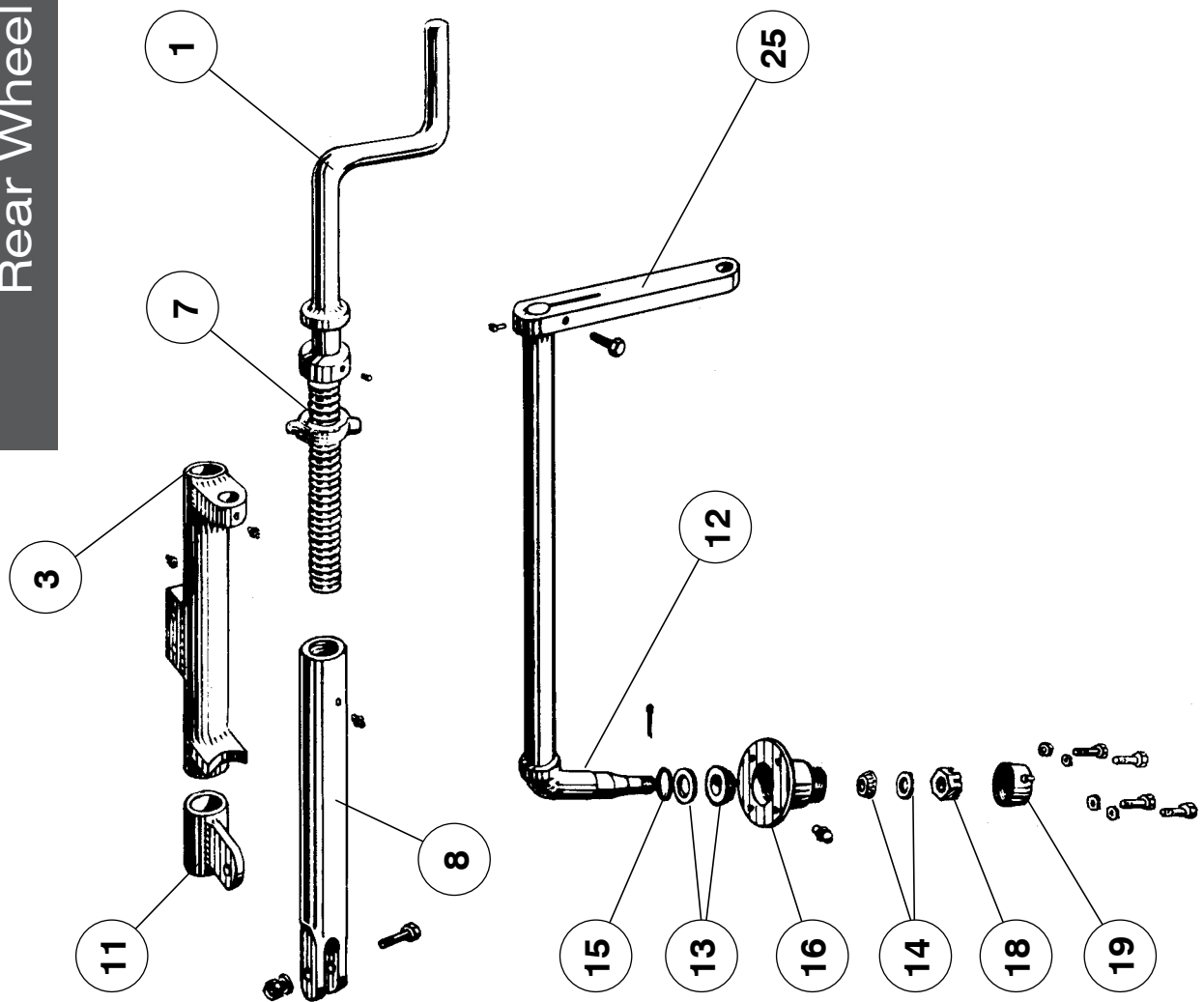
Semi-Mounted Front End Assembly



Semi-Mounted Front End Assembly

NO	PART NUMBER	DESCRIPTION
1	103470	Draught Bar - Category 2 - 3"
	103475	Draught Bar - Category 2 - 4"
	103480	Draught Bar - Category 3 - 4"
3	106005	Yoke - Standard
	106003	Yoke - Heavy Duty
5	106200	Arm and Spindle Steerage - Standard
	106205	Arm and Spindle Steerage - Heavy Duty
6	105805	U Bracket - Standard
	105820	U Bracket - Heavy Duty
8	105129	Front Bracket 3 - 4F 14"
	105149	Front Bracket 3 - 4F 16"
	105165	Front Bracket 5 - 6F 14"
	105180	Front Bracket 5 - 6F 16"
	105200	Front Bracket 7F Std
9	104871	Bridle
14	103585	Hanger Plate - Right
17	103580	Hanger Plate - Left
28	106610s	Block Steerage
	106620	Block Steerage 3" S/pin
31		Pipe Steerage - 1" Steam Pipe
		Pipe Steerage - 1 1/4" Steam Pipe

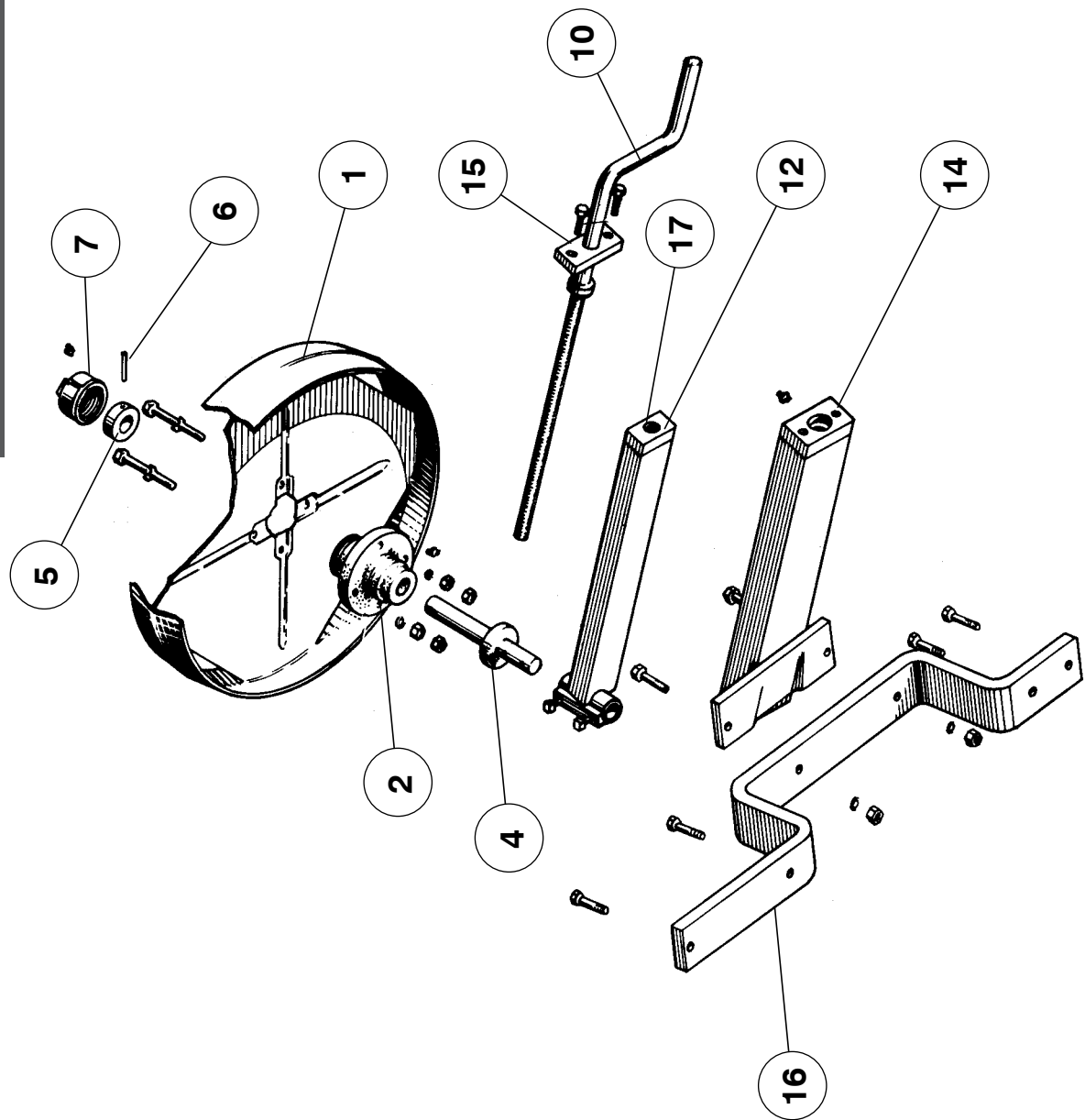
Semi-Mounted Bracing Plough Rear Wheel Assembly



Semi-Mounted Bracing Plough Rear Wheel Assembly

NO	PART NUMBER	DESCRIPTION
1	107300	Screw - 1 1/8"
3	107306	Column - Rear Wheel
7	103190	Lock Nut
8	103170	Nut - Adjusting
11	107450	Lift Collar
	107455	Lift Collar 1 3/4
12	107601	Axle 30 CWT
	107621	Axle 40 CWT
13	104407	Bearing Inner - Cup and Cone
14	104408	Bearing Outer - Cup and Cone
15	104414	Bearing Seal - Heavy Duty Only
16	107950	Hub - Wheel 30CWT
	107960	Hub - Wheel 40CWT
18	104411	Castle Nut - 3/4" UNF
	104413	Castle Nut - 1" UNF
19	108005	Hub Cap - 30CWT (58 I.D.)
	108011	Hub Cap - 40CWT (68 I.D.)
25	106605	Steerage Arm - Rear
	107951	NZ 100 Hub/Stub Assembly
	107952	NZ 200 Hub/Stub Assembly
	107963	5 Stud 50 Sq Hub & Stub
	107964	6 Stud 60 Sq Hub & Stub
	108006	50 Sq Axle Hub Cap
	108007	60 Sq Axle Hub Cap

Landwheel for A(1) Series Two and Multi-Furrow Ploughs

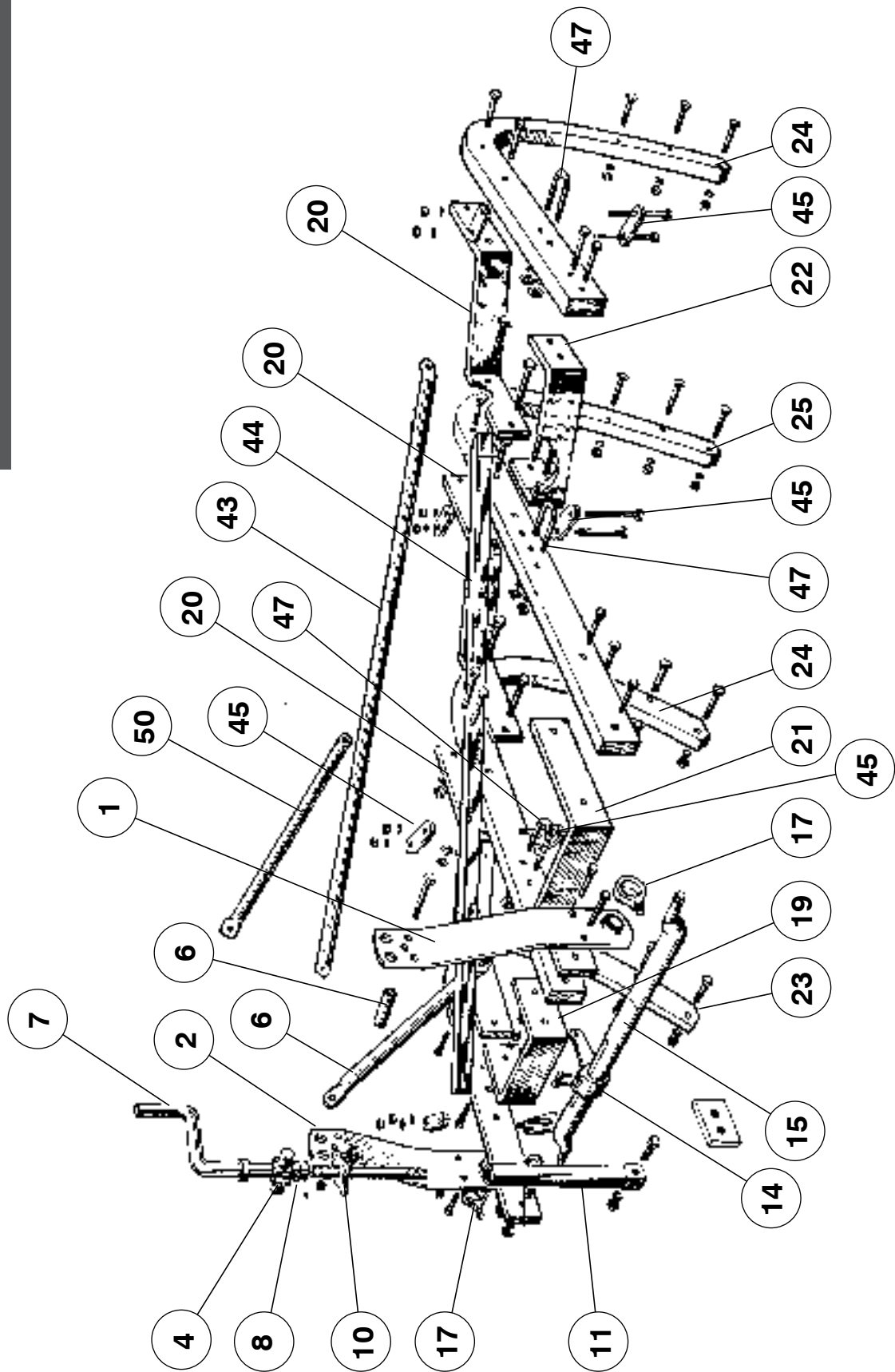


MOUNTED BRACING PLOUGHS

Landwheel for A(1) Series Two and Multi-Furrow Ploughs

NO	PART NUMBER	DESCRIPTION
1	103905	Landwheel 19" Steel
	103910	Landwheel 16" Steel
2	104010	Hub - Landwheel
4	104020	Axle with Sandwasher
5	104700	Collar - Stub Axle - Retaining
6	104040	Retaining Pin
7	108005	Cap - Wheel Hub
10	103150	Screw - Depth Adjusting
12	104125	Column - Inner Mounted
	104130	Column - Inner Semi-Mounted
14	104135	Column - Outer Mounted GP-AP-SS Std
	104140	Column - Outer Semi-Mounted GP-AP-SS
15	104155	Plate - Retaining
16	102685	Bracket - Wheel Assembly Support SS
	102680	Bracket - Wheel Assembly Support GP-AP
17	104110	L/W Nut - Weld On

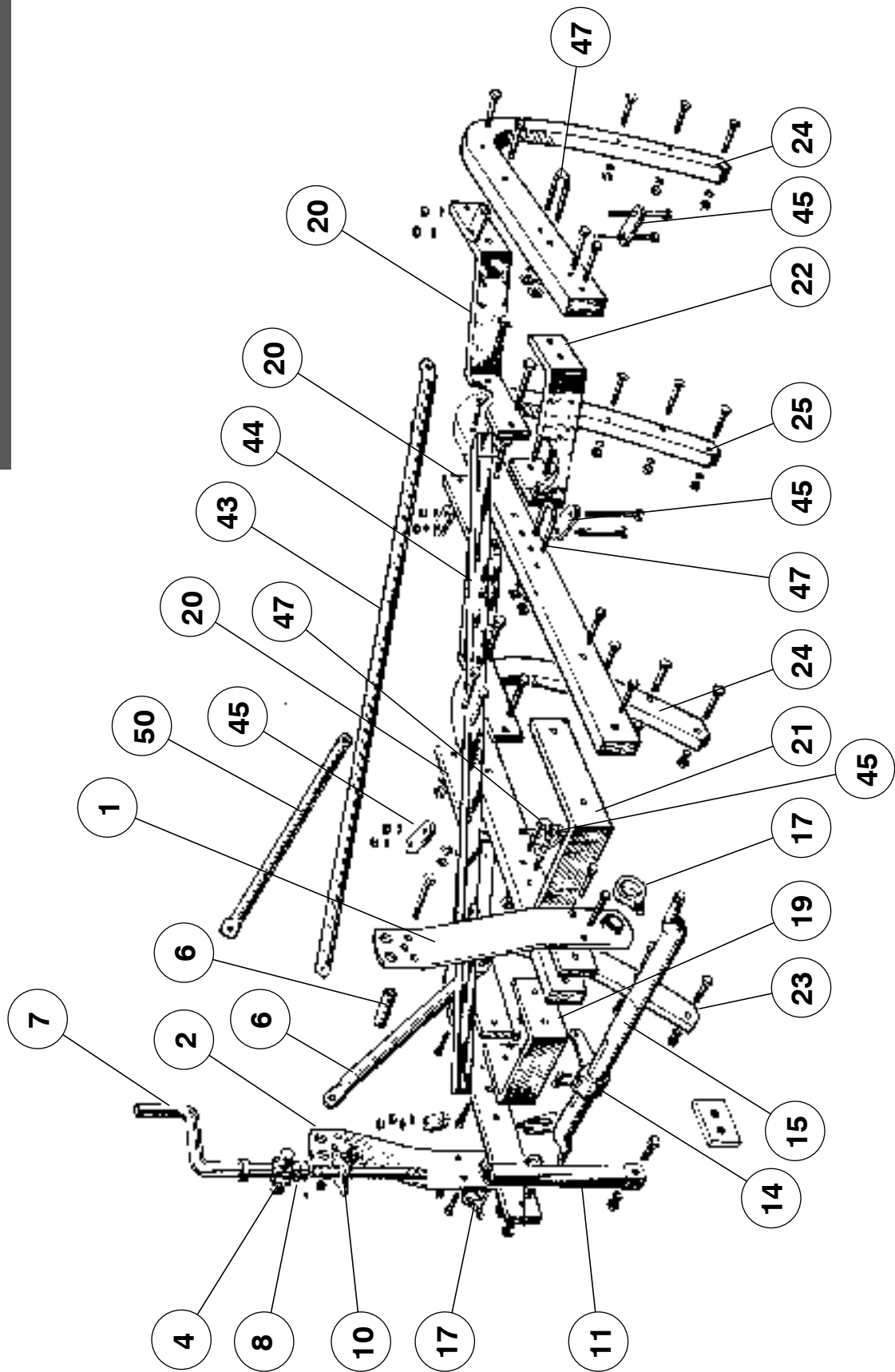
Two, Three, Four Furrow Plough Frames



Two, Three, Four Furrow Plough Frames

NO	PART NUMBER	DESCRIPTION
1	102905	Support - Link Stay - Left 12"
	102910	Support - Link Stay - Left 14"
2	102915	Support - Link Stay - Right 12"
	102920	Support - Link Stay - Right 14"
4	103200	Width Block
5	103050	Link Stay - Tubular - Right
6	103205	Spacer - Linkage - 2 3/16" x 5/8" ID
7	103180	Screw - Width 1 1/8"
8	103210	Collar - Retaining - 1" x 1 1/8" ID
10	103190	Lock Nut - 1 1/8"
11	103170	Adjusting Nut - Width - 1 1/8"
14	103520	Arm - Adjusting
16	103455	Draught Bar - Cat. 1 (as required)
	103460	Draught Bar - Cat. 2 (as required)
17	103525	Collar - Two per Draught Bar
19	103700	Bracket - Spacer 12" x 3 1/2"
	103705	Bracket - Spacer 14" x 3 1/2"
	103710	Bracket - Spacer 12" x 4"
	103715	Bracket - Spacer 14" x 4"
	103720	Bracket - Spacer 16" x 4"
20	101560	Diagonal Brace 12" x 3 1/2"
	101565	Diagonal Brace 14" x 3 1/2"
	101580	Diagonal Brace 12" x 4"
	101585	Diagonal Brace 14" x 4"
	101595	Diagonal Brace 16" x 4"
21	102610	Bracket - Z 12" x 3 1/2"
	102615	Bracket - Z 14" x 3 1/2"
	102620	Bracket - Z 12" x 4" H/D
	102625	Bracket - Z 14" x 4" H/D
	102630	Bracket - Z 16" x 4" H/D
22	103740	Bracket - Spacer - 4th Beam 12" x 3 1/2"
	103745	Bracket - Spacer - 4th Beam 14" x 3 1/2"
	103750	Bracket - Spacer - 4th Beam 12" x 4"
	103755	Bracket - Spacer - 4th Beam 14" x 4"
	103760	Bracket - Spacer - 4th Beam 16" x 4"

Two, Three, Four Furrow Plough Frames



Two, Three, Four Furrow Plough Frames

NO	PART NUMBER	DESCRIPTION
23	100695	Beam - 1st Section - 4" x 1 ½" Ruapuna
	100680	Beam - 1st Section - 3 ½" x 1 ½" GP/AP
24	100700	Beam - 2nd Section - 4" x 1 ½" Ruapuna
	100685	Beam - 2nd & 4th Section - 3 ½" x 1 ½" GP/AP
25	100705	Beam - 3rd Section - 4" x 1 ½" Ruapuna
	100690	Beam - 3rd Section - 3 ½" x 1 ½" GP/AP
43		Link Stay - Tubular - RH
44		Back Braces
45		Clamping Plate - Back Brace to Beam
47	103620	U Bolt - Clamping Stalks
48	103640	Bracket - Coulter 3"
	103645	Bracket - Coulter 3 ½"
	103650	Bracket - Coulter 4"
50		Link Stay - Tubular - LH

Notes

[illegible]

