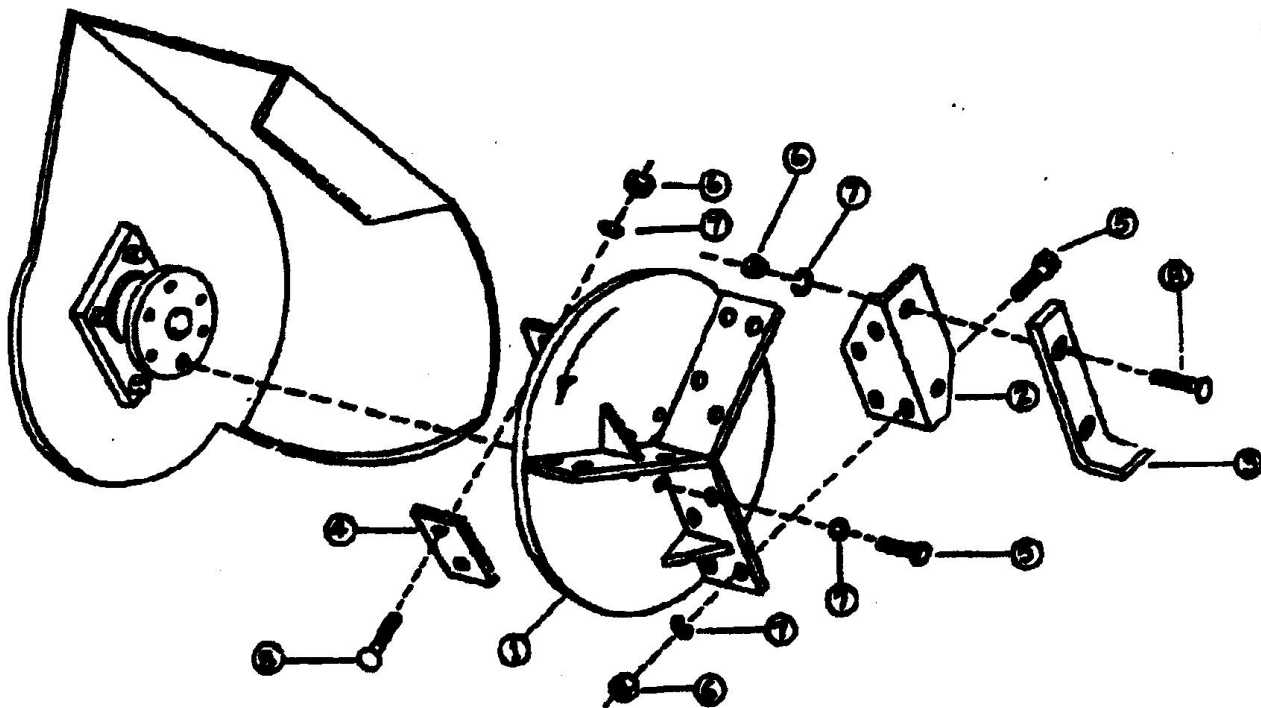
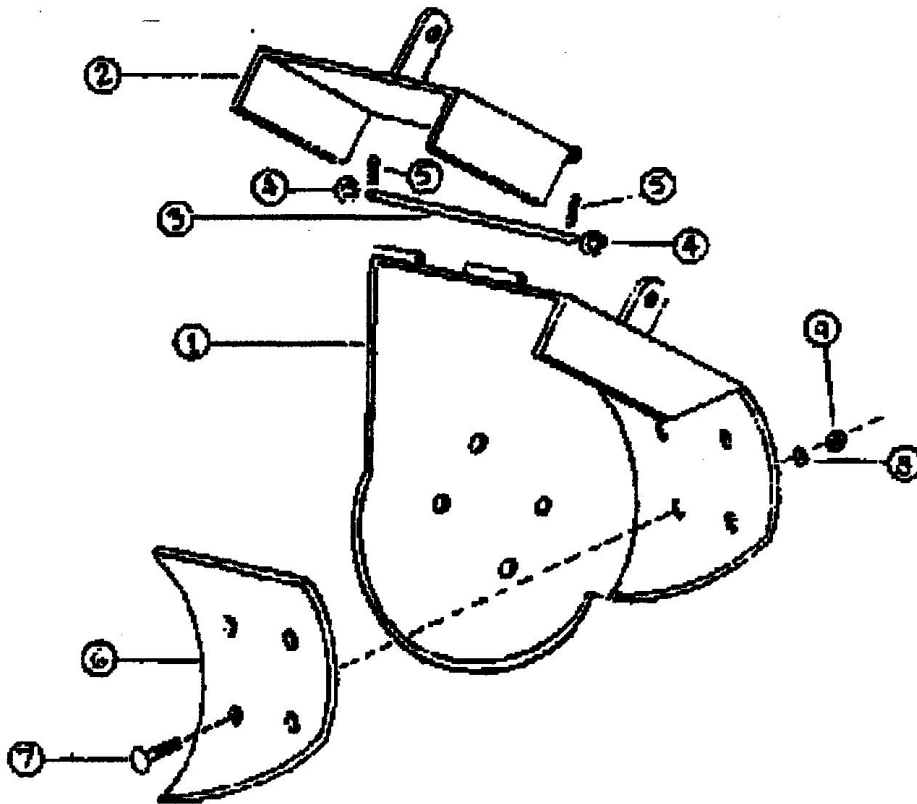




DITCHER HEAD ASSEMBLY

REF NO	PARTS DESCRIPTION	REQUIRED	PART #
1.	blade mounting disc	1	MMD130
2.	blade mounting angle	3	MMD131
3.	ditcher blade	3	MMD132
4.	scraper	3	MMD133
5.	cap screw, 1/2" x 1 3/4" NC	18	1213x134
6.	hex nut, 1/2" NC	26	1213HHN
7.	lock washer, 1/2"	30	12LW
8.	hex bolt, 1/2" x 1 1/2:" NC, GR 8	6	1213x112

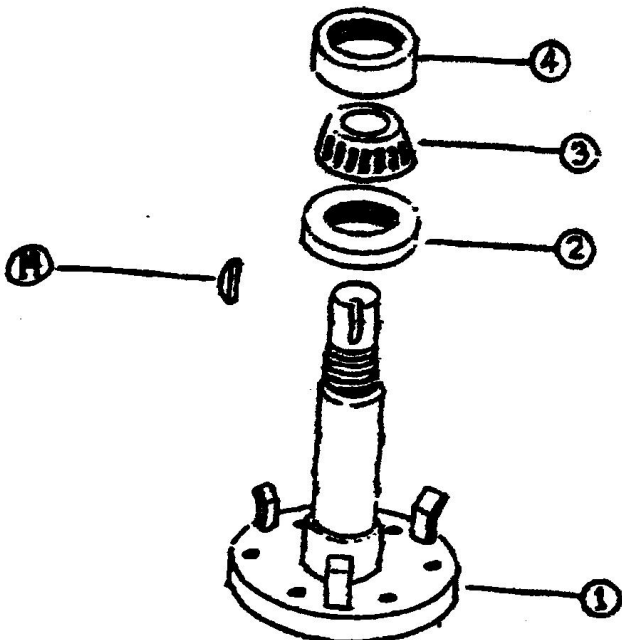
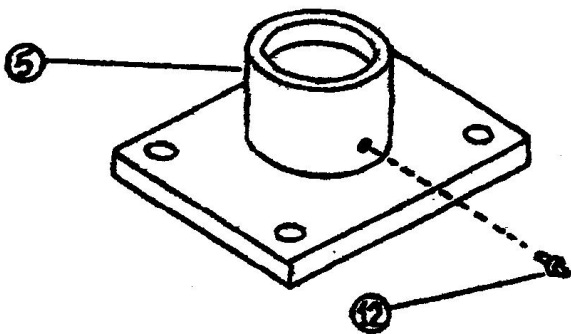
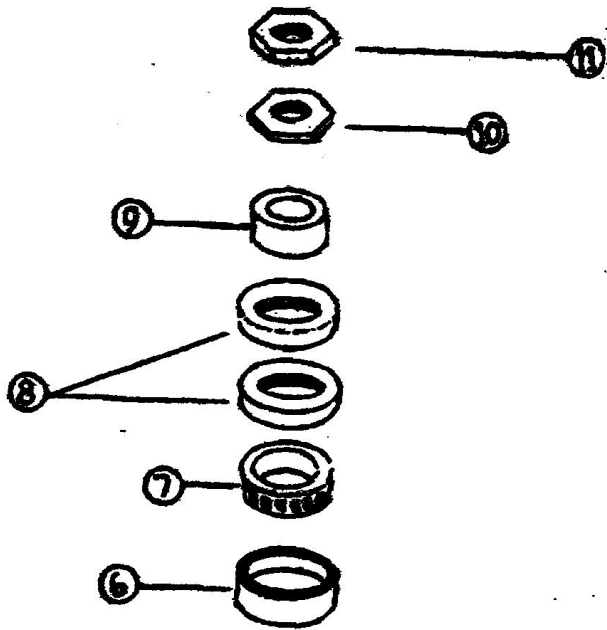


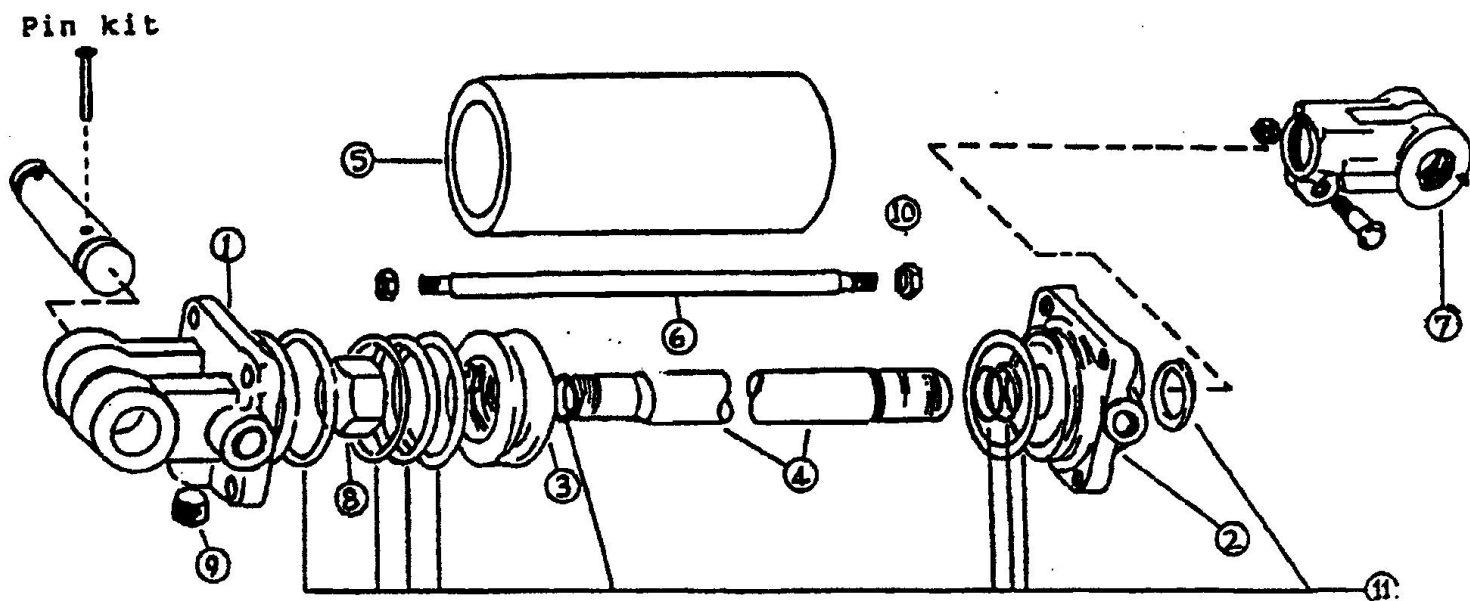
BONNET AND DEFLECTOR CHUTE

REF NO	DESCRIPTION	REQ.	PART #
1.	bonnet	1	MMD122
2.	deflector chute	1	MMD123
3.	hinge pin	1	MMD124
4.	flat washer, 1/2"	2	12FW
5.	cotter pin	2	5322
6.	wear plate	1	MMD127
7.	carriage bolt, 1/2" x 1 1/2" NC	4	1213C112
8.	lock washer, 1/2"	4	12LW
9.	hex nut, 1/2" NC	4	1213HHN

SPINDLE ASSEMBLY MMS940

REF NO	DESCRIPTION	REQ.	PART#
1.	spindle	1	MM153
2.	lower seal	1	MM155
3.	cone	1	MM156
4.	cup	1	MM157
5.	spindle housing	1	MM063
6.	cup	1	MM160
7.	cone	1	MM161
8.	upper ring seals	2	MM162
9.	bearing adj. sleeve	1	MM163
10.	locking tab washer	1	W09
11.	bearing lock nut	1	MM165
11a.	big nut	1	MM165A
12.	1/4" set screw	1	MM166
12a.	1/2" set screw	1	MM166A
13.	1/8" grease zerk	1	80002
14.	spindle key	1	MM154



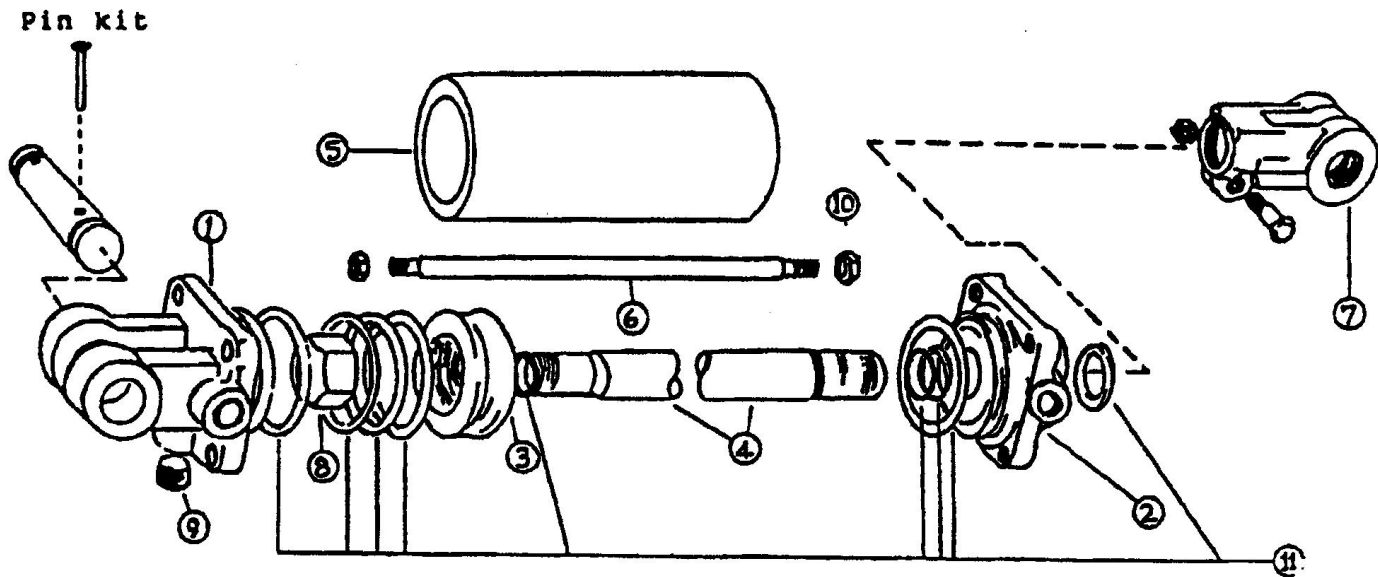


Repair Kit

2" x 8" HYDRAULIC CYLINDER PART NO MM328

REF NO	PARTS DESCRIPTION	REQUIRED	PART #
1.	cylinder butt	1	MM328-1
2.	cylinder gland	1	MM328-2
3.	piston	1	MM328-3
4.	rod	1	MM328-4
5.	tube	1	MM328-5
6.	tie rod	4	MM328-6
7.	rod clevis	1	MM328-7
8.	nut, piston	1	MM325-8
9.	plug	1	MM328-9
10.	tie rod nuts	8	MM328-10
11.	seal kit	1	MM328-11SK
12.	pin kit	1	1D155116300

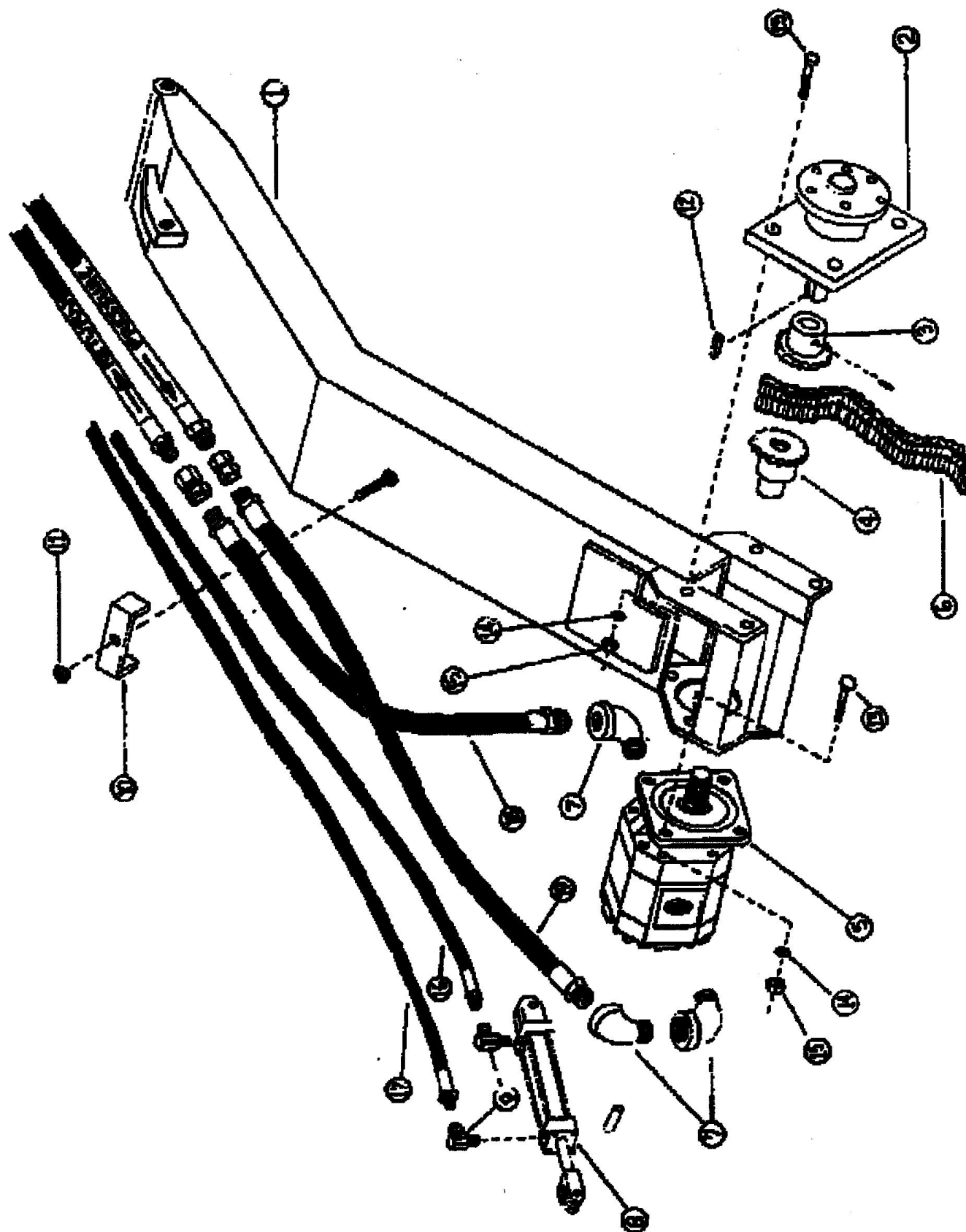
mm328



HYDRAULIC CYLINDER **PART NO MM34024**

REF NO	PARTS DESCRIPTION	REQUIRED	PART #
1.	cylinder butt	1	MM34024-1
2.	cylinder gland	1	MM34024-2
3.	piston	1	MM34024-3
4.	rod	1	MM34024-4
5.	tube	1	MM34024-5
6.	tie rod	4	MM34024-6
7.	rod clevis	1	MM34024-7
8.	nut, piston	1	MM34024-8
9.	plug	1	MM34024-9
10.	tie rod nuts	4	MM34024-10
11.	seal kit	1	MM424-10SK
12.	pin	1	MM036

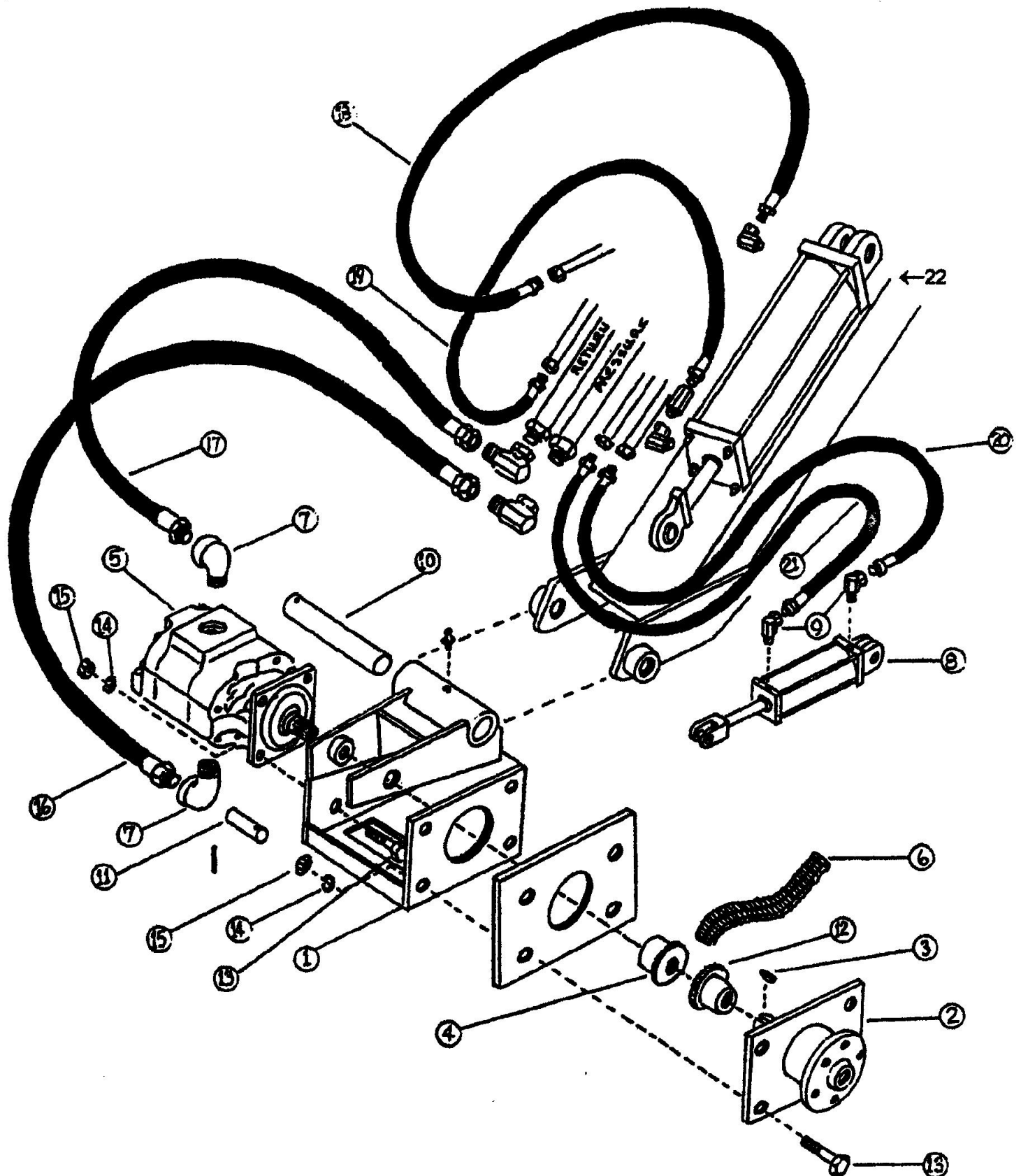
BOOM, DRIVE & HYDRAULIC ASSEMBLY



BOOM, DRIVE AND HYDRAULIC ASSEMBLY

REF NO	PARTS DESCRIPTION	REQUIRED	PART #
1.	ditcher boom	1	MMD117
2.	spindle assembly	1	MMS940
3.	spindle sprocket, 1 ½"	1	MMD118
4.	motor sprocket, splnd.	1	MMD119 & MMD113
5.	ditcher motor	1	MMS139
6.	coupling chain	1	MMD120
7.	st. el, 1 ¼" x 90 degree	3	MM056
8.	cylinder, 2 x 8	1	MM328
9.	fitting adj. o-ring	2	C5515x6x8
10.	hose bracket	1	MM033
11.	hex nut, ½" NC	1	1213x312HH
12.	key	1	MM154
13.	bolts, ¾" x 2 ½" NC	2	3410x212HH
14.	washers, ¾"	2	34LW
15.	nut, ¾"	2	3410HHN
16.	hose, 3/8" x 130"	1	MM24506
17.	hose, 3/8" x 140"	1	MM24506
18.	hose, 1 ¼" x 42"	1	MM24520
19.	hose, 1 ¼" x 50"	1	MM24520

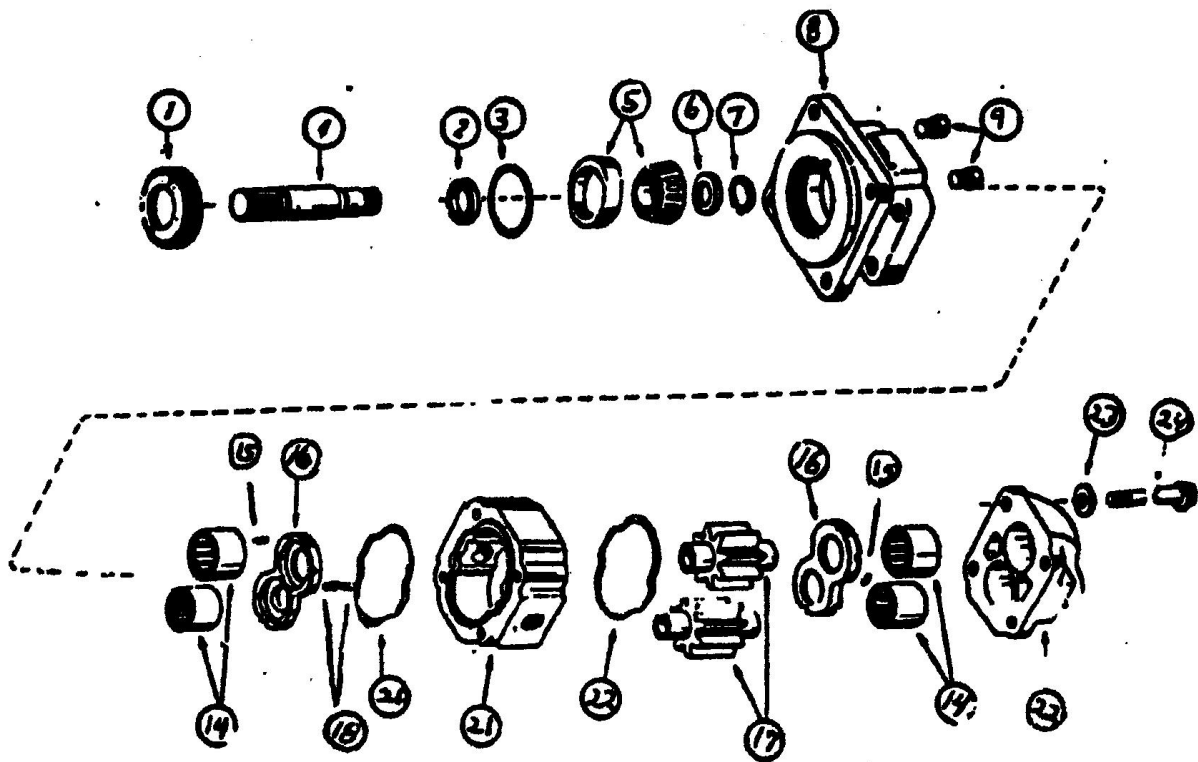
MOUNTING, DRIVE & HYDRAULICS ASSEMBLY



DITCHMASTER DITCHER

MOUNTING, DRIVE & HYDRAULICS ASSEMBLY

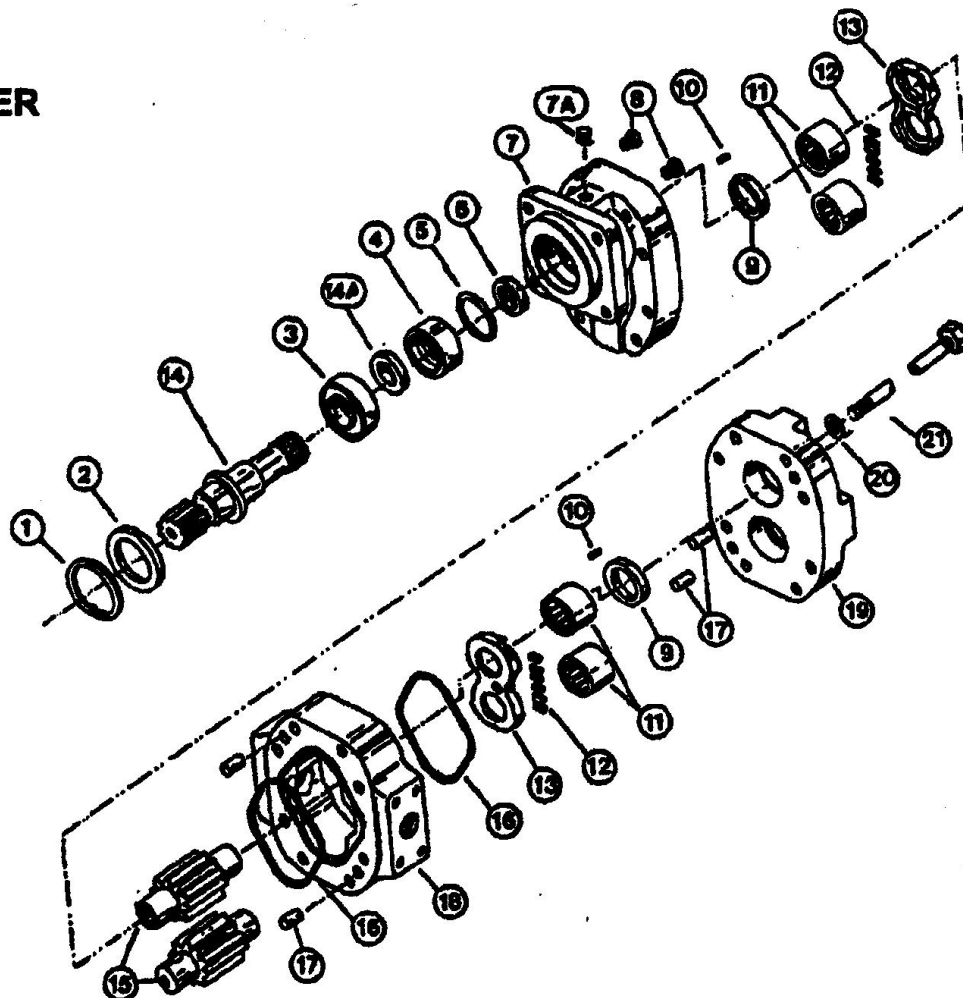
REF NO	PARTS DESCRIPTION	REQUIRED	PART #
1.	boom ditcher mount	1	MMD135
2.	spindle assembly	1	MMS940
3.	spindle sprocket, 1 ½" keyed	1	MMD118
4.	motor sprocket, splined	1	MMD119 & MMD113
5.	ditcher motor		MMS139
6.	coupling chain	1	MMD120
7.	st. el, 1 ¼" x 90°	2	MM056
8	cylinder, 2" x 8"	1	MM328
9.	adj. o-ring, MXFP x 90°	2	C5515x6x8
10.	swivel pin, 1 ½" x 14"	1	MMD042
11.	pin, 1 ¼" x 8"	1	MMD136
12.	key	1	MM154
13.	bolts, ¾" x 2 ½" NC	2	3410x212HH8
14.	washers, ¾"	2	34LW
15.	nut, ¾" NC	2	3410HHN
16.	hose, 3/8" x 130", 3/8" MP-1/2 MP	1	MM24506
17.	hose, 3/8" x 140", 3/8" MP-1/2MP	1	MM24506
18.	hose, 1 ¼" x 42", 1 1/4MP-MP	1	MM24520
19.	hose, 1 ¼" x 50", 1 1/4MP-MP	1	MM24520
20.	hose, ¼" x 48", ¼" MP-1/2" MP	1	MM24504
21.	hose, ¼" x 68", ¼" MP-1/2" MP	1	MM24504
22.	cylinder 4 x 24	1	MM34024



FRONT MOUNT PUMP MM 208-OR STD

REF NO	PARTS DESCRIPTION	REQUIRED	PART #
1.	retainer	1	MM169
2.	seal	1	MM208-2
3.	o ring	1	MM208-3
4.	drive shaft-splined	1	MM208-4
5.	tapered bearings	2	MM208-5
6.	spacer	1	MM208-6
7.	retaining ring	1	MM208-7
8.	shaft end cover	1	MM175
9.	check assembly/plug	2	MM176
10.	connecting shaft	1	MM177
11.	spacer	1	MM178
12.	roll pin	1	MM179
13.	bushing	1	MM180
14.	roller bearings	2	MM181
15.	pocket seals (sets)	2	MM182
16.	thrust plates	2	MM183
17.	matched gears (set)	1	MM208-17
18.	stud	1	MM208-18
19.	lock nut	1	MM208-19
20.	gasket seals	2	MM187A
21.	gear housing	1	MM208-21
22.	port end cover	1	MM189A
23.	lock nut	1	MM208-23
24.	capscrew	1	MM208-24
*	pump seal kit	1	MM208SK

**DITCHMASTER
MOTOR
MMS139**



REFERENCE NO.	PARTS DESCRIPTION	NO. REQ.	PART NO.
1.	snap ring	1	MMS139-1
2.	spacer	1	MMS139-2
3.	ball bearing	1	MMS139-3
4.	seal retainer	1	MMS139-4
5.	o-ring	1	MMS139-5
6.	lip seal	1	MMS139-6
7.	shaft end cover	1	MMS139-7
7-A.	plug	1	MMS139-7A
8.	check assembly or plugs	2	MMS139-8
9.	shaft seal	2	MMS139-9
10.	roll pins	2	MMS139-10
11.	roller bearings	4	MMS139-11
12.	pocket seals	2	MMS139-12
13.	thrust plates	2	MMS139-13
14.	drive shaft	1	MMS139-14
14-A.	retaining ring	1	MMS139-15
15.	matched gears	1	MMS139-16
16.	gasket seals	2	MMS139-17
17.	dowell pins	4	MMS139-18
18.	gear housing	1	MMS139-19
19.	port end cover	1	MMS139-20
20.	washer	1	MMS139-21