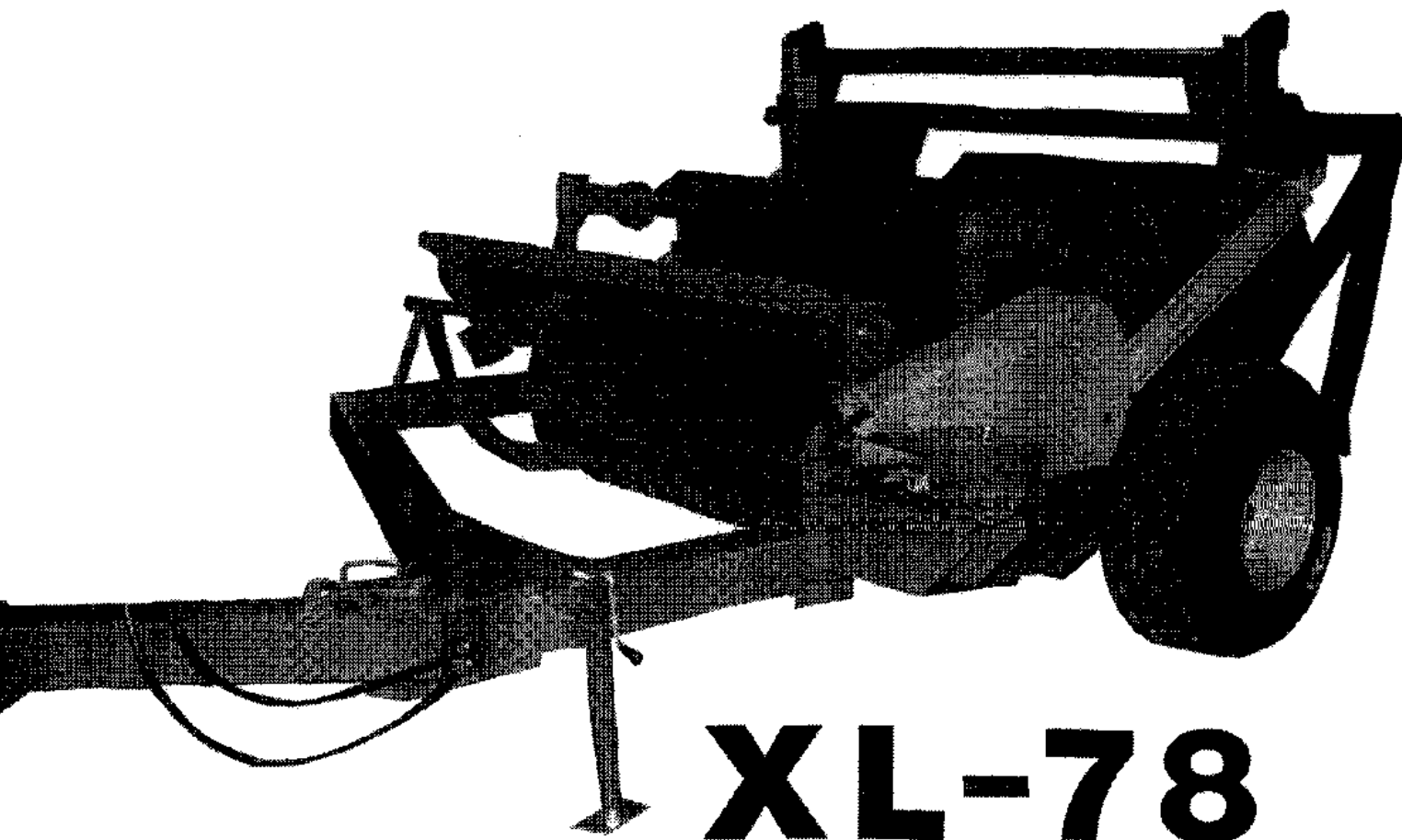


ROCK - MASTER



HIGH-LINE MFG. INC.
ROCK-MASTER PICKERS

HIGH-LINE MFG. INC.

ROCK-MASTER PICKERS

ROCK-MASTER A NEW NAME IN THE ROCK PICKING FIELD, IS MANUFACTURED BY HIGH-LINE MFG, INC, A COMPANY MANNED WITH A CREW WHICH HAS OVER 25 YEARS EXPERIENCE IN THE INDUSTRY,

THIS OPERATOR MANUAL HAS BEEN PREPARED TO PROVIDE INFORMATION NECESSARY FOR THE SAFE AND EFFICIENT OPERATION OF YOUR ROCK-MASTER PICKER, IN IT YOU WILL FIND SAFETY PROCEDURES, MAINTENANCE ROUTINES AND DETAILED PARTS DIAGRAMS,

IF YOU SHOULD FIND THAT YOU REQUIRE INFORMATION NOT COVERED IN THIS MANUAL, FEEL FREE TO CONSULT US OR YOUR LOCAL DEALER,

SHOULD THE NEED ARISE, THIS MANUAL WILL ASSIST YOU IN ACQUIRING REPLACEMENT PARTS, SHOULD YOUR DEALER NOT HAVE THE PARTS YOU REQUIRE IN STOCK, HE WILL BE HAPPY TO ORDER THEM FOR YOU,

THE ROCK-MASTER ROCK PICKER WAS DESIGNED TO WORK IN THE MOST DIFFICULT OF ROCK PICKING SITUATIONS, A LITTLE TIME AND EFFORT SPENT IN PROPER MAINTENANCE WILL INCREASE THE PERFORMANCE AND DURABILITY OF YOUR PICKER,

IN ORDER TO MAINTAIN HIGH EFFICIENCY STANDARDS, CHANGES OR IMPROVMENTS ARE MADE FROM TIME TO TIME, HIGH-LINE MFG, INC, RESERVES THE RIGHT TO MAKE THOSE CHANGES AND ADD IMPROVMENTS WHEN PRACTICAL TO DO SO WITHOUT INCURRING ANY OBLIGATION TO MAKE SUCH CHANGES AND IMPROVEMENTS ON MACHINES SOLD PREVIOUSLY,

HIGH-LINE MFG, INC, THANK YOU AND CONGRATULATE YOU FOR DELECTING A ROCK-MASTER ROCK PICKER AS THE MACHINE OF YOUR CHOICE,

RAYMOND BUSSIERE
PRESIDENT

WARRANTY

HIGH-LINE MFG. INC. warrants its products to the original owner for a period of two years from date of purchase. Subject to the following provisions.

- *1st YEAR - PARTS & LABOUR
- *2nd YEAR - PARTS ONLY

*All matters related with the warranty of products must be handled through an authorized ROCK-MASTER dealer.

*Any labour subject to warranty must be authorized by a HIGH-LINE MFG. INC. representative, before work is started.

*Machines used for rental, custom work or industrial/construction use, will be warranted for a period of 6 months from date of purchase. Parts & labour.

*Warranty will be void if any component of rock-picker is altered or modified in any way, unless written permission is given by HIGH-LINE MFG. INC.

*HIGH-LINE MFG. INC. will not assume any responsibility for whatever damage may occur to equipment to which the rock-picker may be attached.

*Warranty terms and conditions are subject to provincial and state legislation.

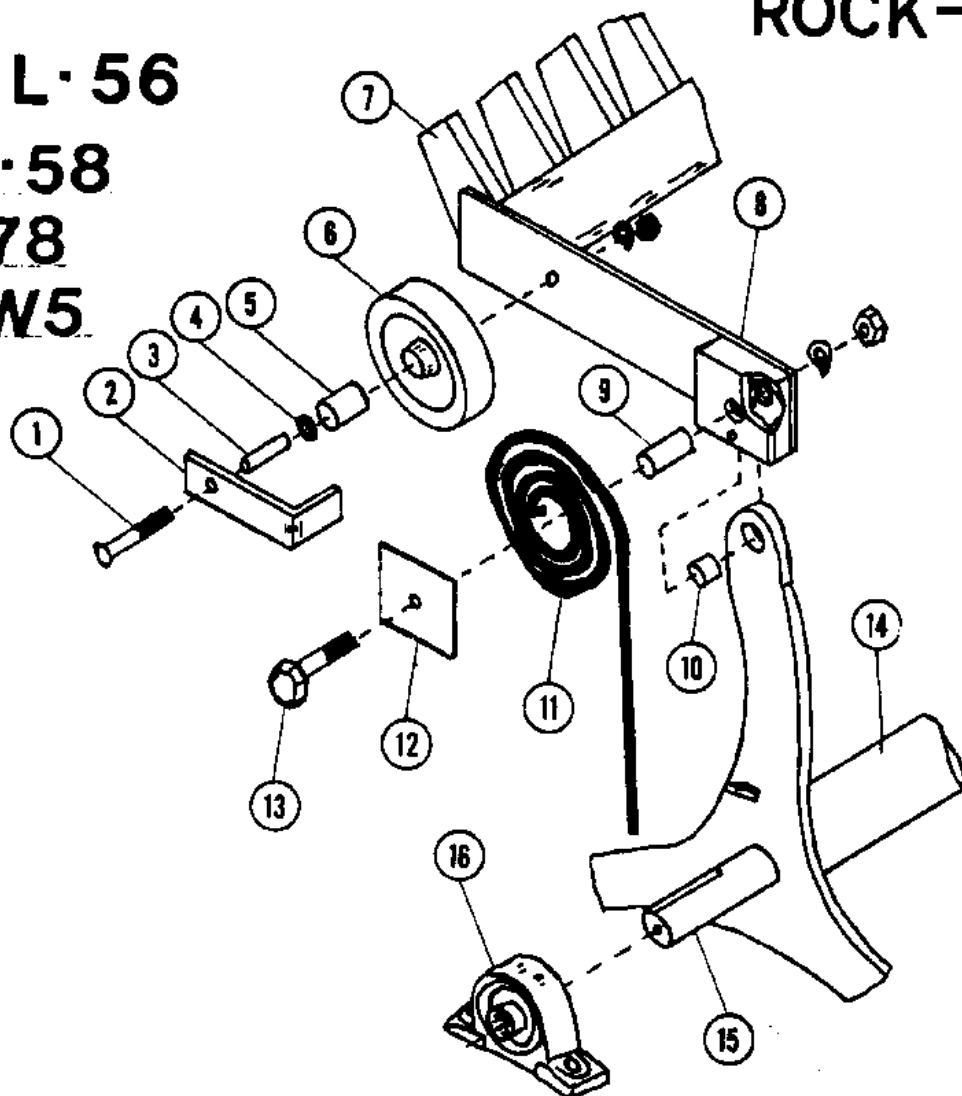
ROCK-MASTER

XL-56

XL-58

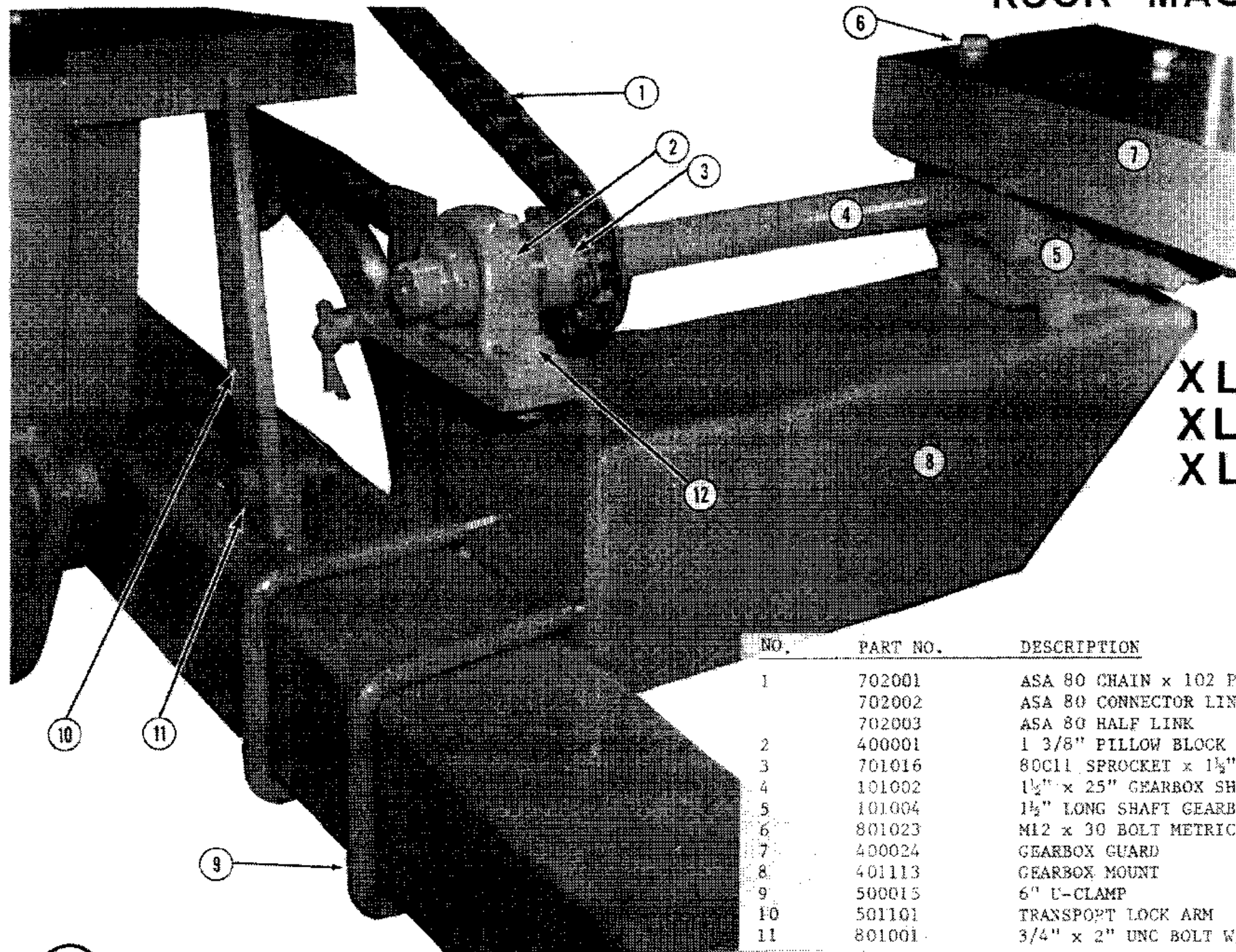
XL-78

XL-W5



NO.	PART NO.		DESCRIPTION
	XL-56/58	XL-78	
1	801045	same	5/8" x 4 1/2" CARRIAGE BOLT W/NUT
2	401103	same	BOGEY WHEEL BRACKET
3	400007	same	SPANNER SLEEVE
4	400008	same	BOGEY WHEEL SEAL
5	400009	same	BOGEY WHEEL BEARING
6	400010	same	8" BOGEY WHEEL
7	400011	same	REEL BAT TOOTH
8	401114	-	5' REEL BAT
	-	401203	7' REEL BAT
9	400012	same	1 1/16" x 2 3/8" BUSHING
	400013	same	1 1/16" x 3 1/8" BUSHING
10	400014	same	1 5/16" x 3/4" BUSHING
11	400015	same	LEFT REEL SPRING
	400016	same	RIGHT REEL SPRING
12	400017	same	SPRING HOLDING PLATE
13	801101	same	5/8" x 3 1/2" UNF BOLT W/NUT
	801102	same	5/8" x 4 3/8" UNF BOLT W/NUT
14	401112	-	5' REEL ARM LESS BATS
	-	401204	7' REEL ARM LESS BATS
	401115	-	5' REEL ARM COMPLETE W/BATS
	-	401205	7' REEL ARM COMPLETE W/BATS
15	400025	same	2 7/16" REEL SHAFT
16	400026	same	2 7/16" PILLOW BLOCK COMPLETE

ROCK-MASTER



XL-56
XL-58
XL-78

NO.	PART NO.	DESCRIPTION
1	702001	ASA 80 CHAIN x 102 PINS
	702002	ASA 80 CONNECTOR LINK
	702003	ASA 80 HALF LINK
2	400001	1 3/8" PILLOW BLOCK COMPLETE
3	701016	80C11 SPROCKET x 1 1/2" HUB
4	101002	1 1/2" x 25" GEARBOX SHAFT
5	101004	1 1/2" LONG SHAFT GEARBOX COMPLETE
6	801023	M12 x 30 BOLT METRIC
7	400024	GEARBOX GUARD
8	401113	GEARBOX MOUNT
9	500015	6" U-CLAMP
10	501101	TRANSPORT LOCK ARM
11	801001	3/4" x 2" UNC BOLT W/NUT

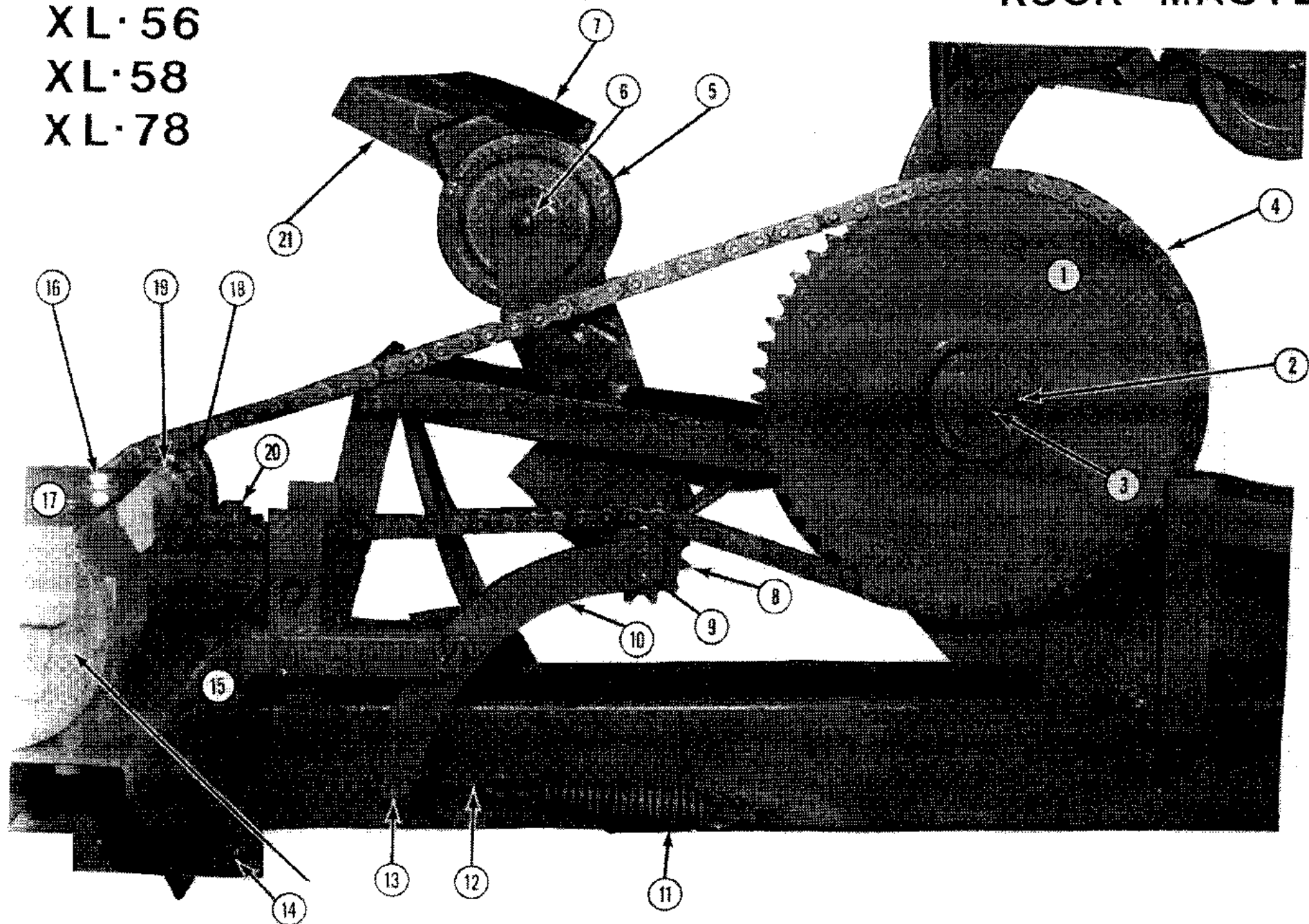
7

XL-56

XL-58

XL-78

ROCK-MASTER



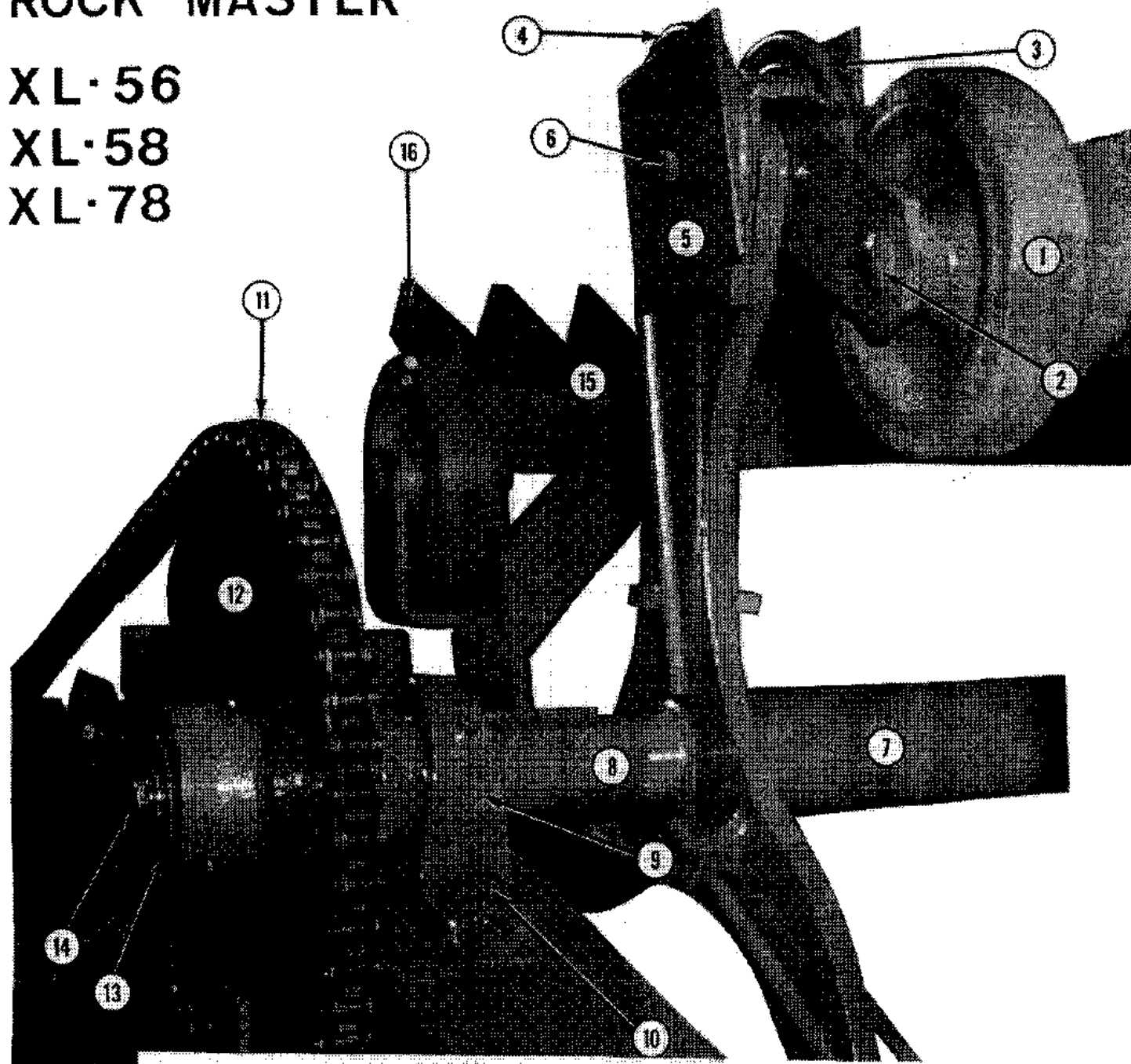
NO.	PART NO.		DESCRIPTION
	XL-58/56	XL-78	
1	701015	SAME	80C54 SPROCKET 2 7/16" HUB
2	801302	SAME	1/2" x 3 1/8" O.D. WASHER
3	801002	SAME	1/2" x 1" UNC BOLT
4	702001	SAME	ASA 80 CHAIN x 102 PINS
	702002	SAME	ASA 80 CONNECTOR LINK
	702003	SAME	ASA 80 HALF LINK
5	400010	SAME	8" BOGEY WHEEL
6	801045	SAME	5/8" x 4 1/2" UNC CARRIAGE BOLT W/NUT
7	401114	-	5' REEL BAT
	-	401203	7' REEL BAT
8	701003	SAME	80A12 IDLER SPROCKET
9	801025	SAME	3/4" x 2 3/4" UNC BOLT W/NUT
10	400022	SAME	TIGHTENER ARM
11	400005	SAME	TIGHTENER SPRING
12	801108	SAME	EYE BOLT W/NUT
13	400023	SAME	EYEBOLT HINGE MOUNT
14	500015	SAME	6" U-CLAMP
15	401113	SAME	GEARBOX MOUNT
16	801023	SAME	M12 x 30 BOLT METRIC
17	400024	SAME	GEARBOX GUARD
18	400001	SAME	1 3/8" PILLOW BLOCK COMPLETE
19	701016	SAME	80C11 SPROCKET x 1 1/2" HUB
20	801008	SAME	1/2" x 2" UNC BOLT W/NUT
21	400011	SAME	REEL BAT TOOTH

ROCK-MASTER

XL-56

XL-58

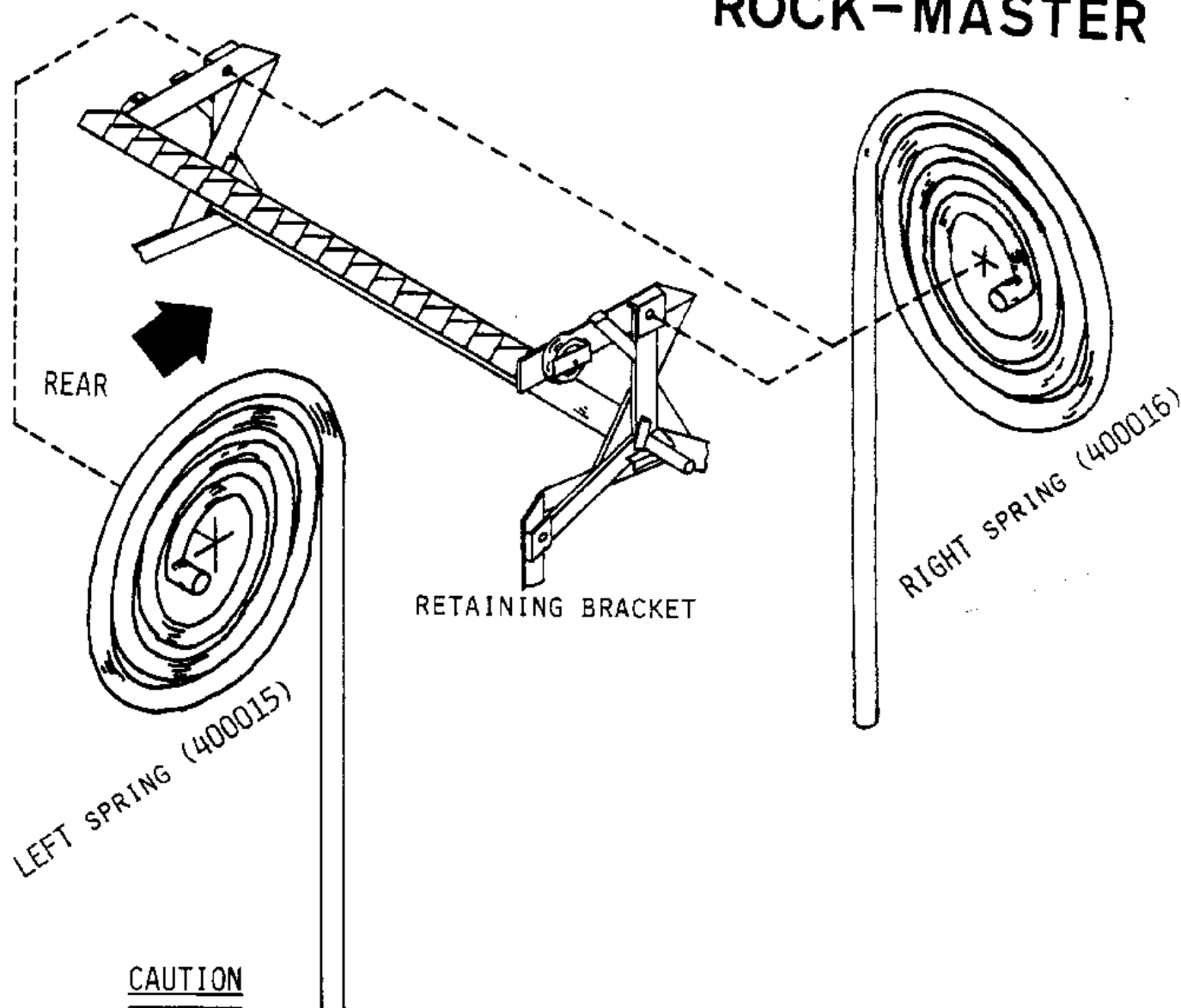
XL-78



NO.	PART NO.		DESCRIPTION
	XL-56	XL-78	
1	400010	same	8" BOGEY WHEEL
2	801043	same	5/8" x 4 1/2" UNC CARRIAGE BOLT W/NUT
3	400016	same	RIGHT REEL SPRING
4	400015	same	LEFT REEL SPRING
5	400017	same	SPRING HOLDING PLATE
6	801102	same	5/8" x 4 3/8" UNF BOLT W/NUT
7	401112	same	5' REEL ARM LESS BATS
	-	401204	7' REEL ARM LESS BATS
	401115	-	5' REEL ARM COMPLETE W/BATS
	-	401205	7' REEL ARM COMPLETE W/BATS
8	400029	same	2 7/16" REEL SHAFT
9	400026	same	2 7/16" FILLER BLOCK COMPLETE
10	801127	same	5/8" x 2 1/2" UNF BOLT W/NUT
11	702001	same	ASA 80 CHAIN - 102 PINS
	702002	same	ASA 80 CONNECTOR LINK
	702003	same	ASA 80 HALF LINK "
12	701615	same	80C54 SPROCKET - 2 7/16" HUB
13	801302	same	1/2" x 3 1/8" O.D. WASHW
14	401002	same	5" x 1" UNC BOLT
15	401114	-	5' REEL BAT
	-	401203	7' REEL BAT
16	400011	same	REEL BAT TOOTH

REEL SPRING IDENTIFICATION

ROCK-MASTER



CAUTION

WHEN REMOVING REEL SPRINGS 400015 OR 400016
MAKE SURE YOU UNLATCH IT FROM IT'S RETAINING
BRACKET, BEFORE REMOVING BOLTS 801101 OR 801102.

IMPORTANT NOTE

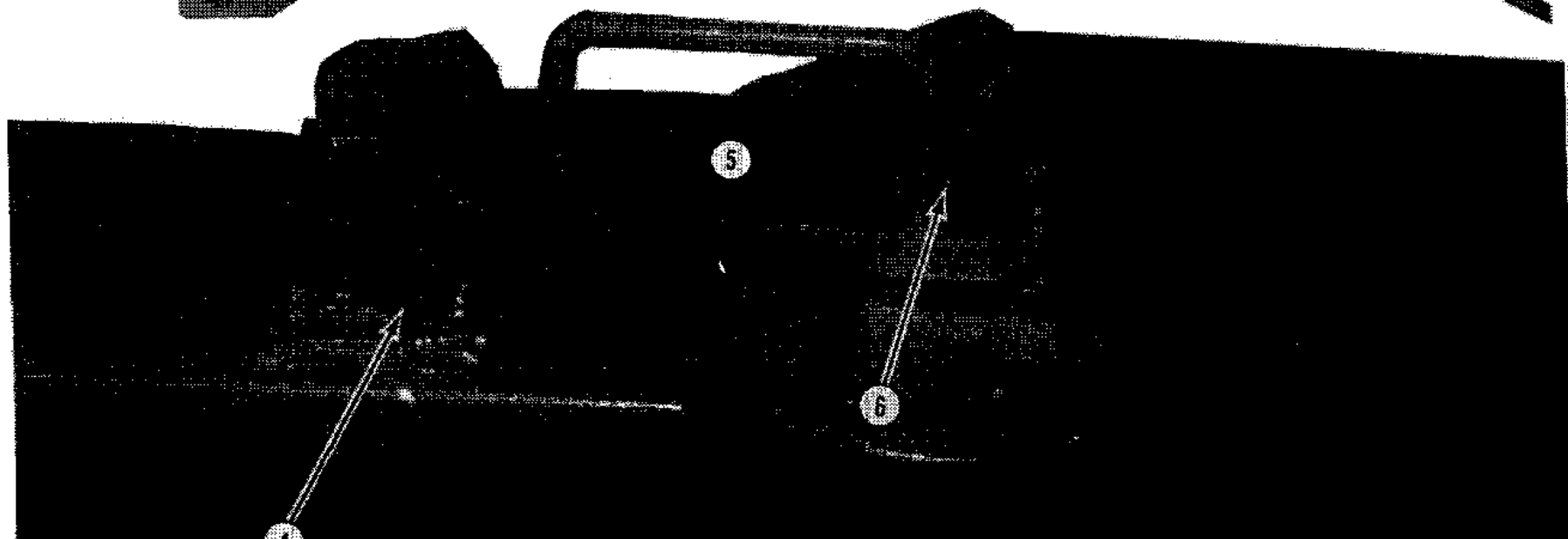
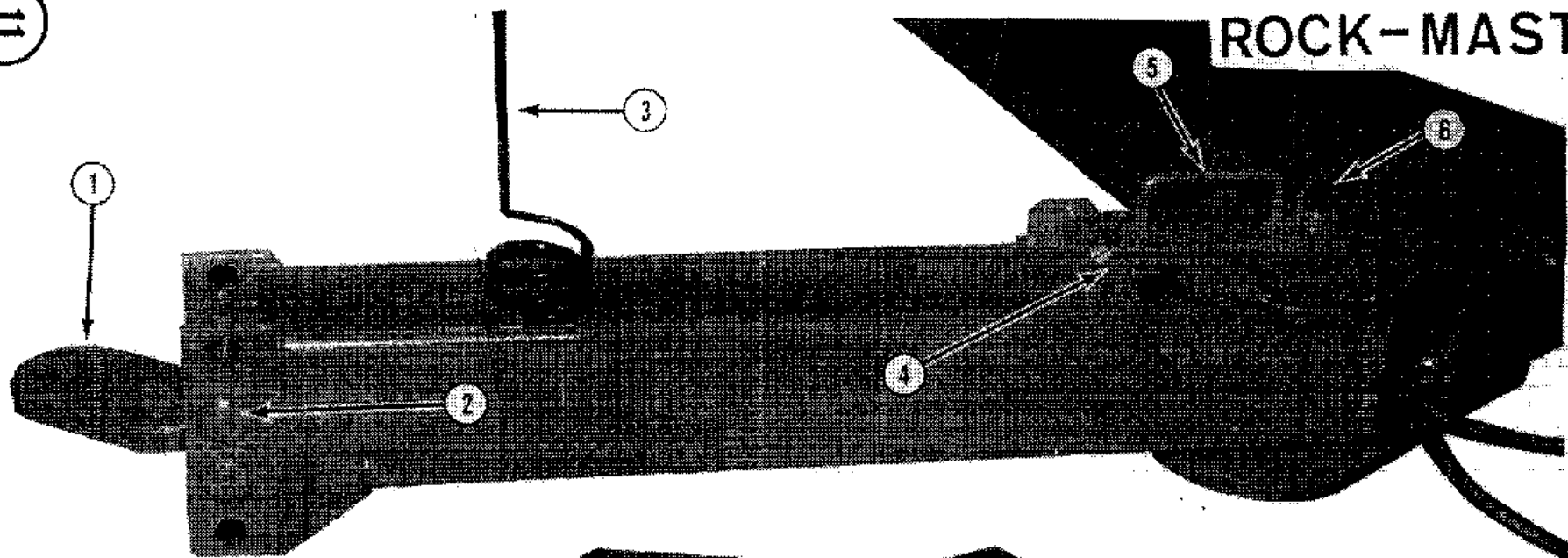
WHEN REFERING TO A MACHINE OR PARTS THERE-OF, IN REGARDS
TO EITHER RIGHT OR LEFT HAND, IT SHOULD BE DETERMINED
WHILE FACING THE REAR OF THE MACHINE.

NOTE:

- DEPRESS CHAIN TIGHTENER PERIODICALLY TO ASSURE
FREE MOVEMENT.
- FOR YOUR OWN SAFETY, REPLACE CHAIN GUARD AFTER
ANY MAINTENANCE OR ADJUSTMENTS.

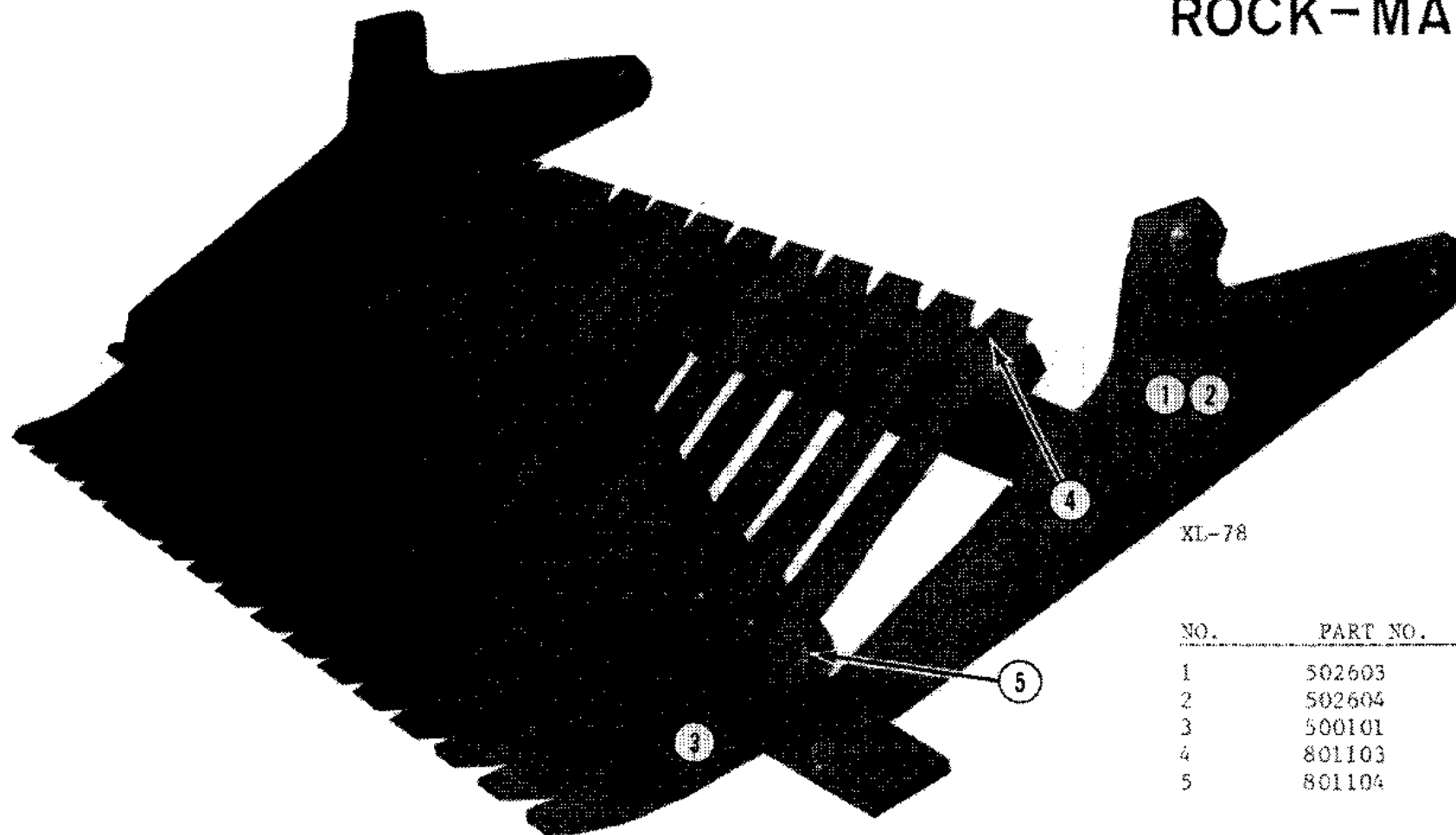


ROCK-MASTER XL



NO.	PART NO.	DESCRIPTION
1	500017	HITCH TONGUE
2	801047	1" X 7" BOLT w/NUT
3	500001	HOSE HOLDER
4	801048	3/4" X 6" BOLT w/NUT
5	0018	WITH LOCKING PLATE

ROCK-MASTER XL



XL-78

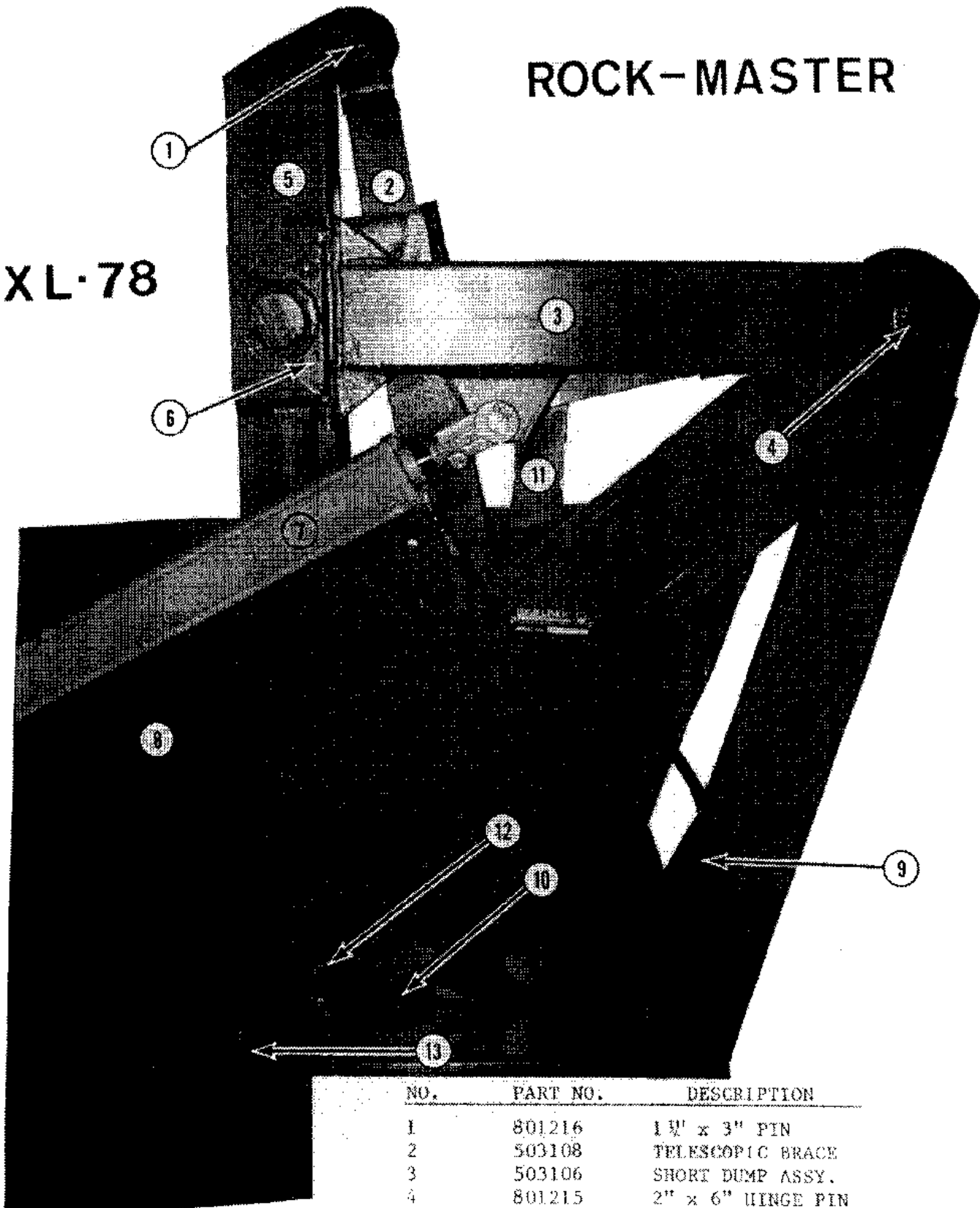
NO.	PART NO.	DESCRIPTION
1	502603	APRON LESS TINES
2	502604	APRON WITH TINES
3	500101	APRON TINES
4	801103	$\frac{1}{2}$ x $2\frac{1}{2}$ BOLT w/NUT
5	801104	$\frac{1}{2}$ x $3\frac{1}{2}$ BOLT w/NUT

XL-56

NO.	PART NO.	DESCRIPTION
1	502403	APRON LESS TINES
2	502404	APRON WITH TINES
3	500101	APRON TINES
4	801103	$\frac{1}{2}$ x $2\frac{1}{2}$ BOLT w/NUT
5	801104	$\frac{1}{2}$ x $3\frac{1}{2}$ BOLT w/NUT

ROCK-MASTER

XL-78

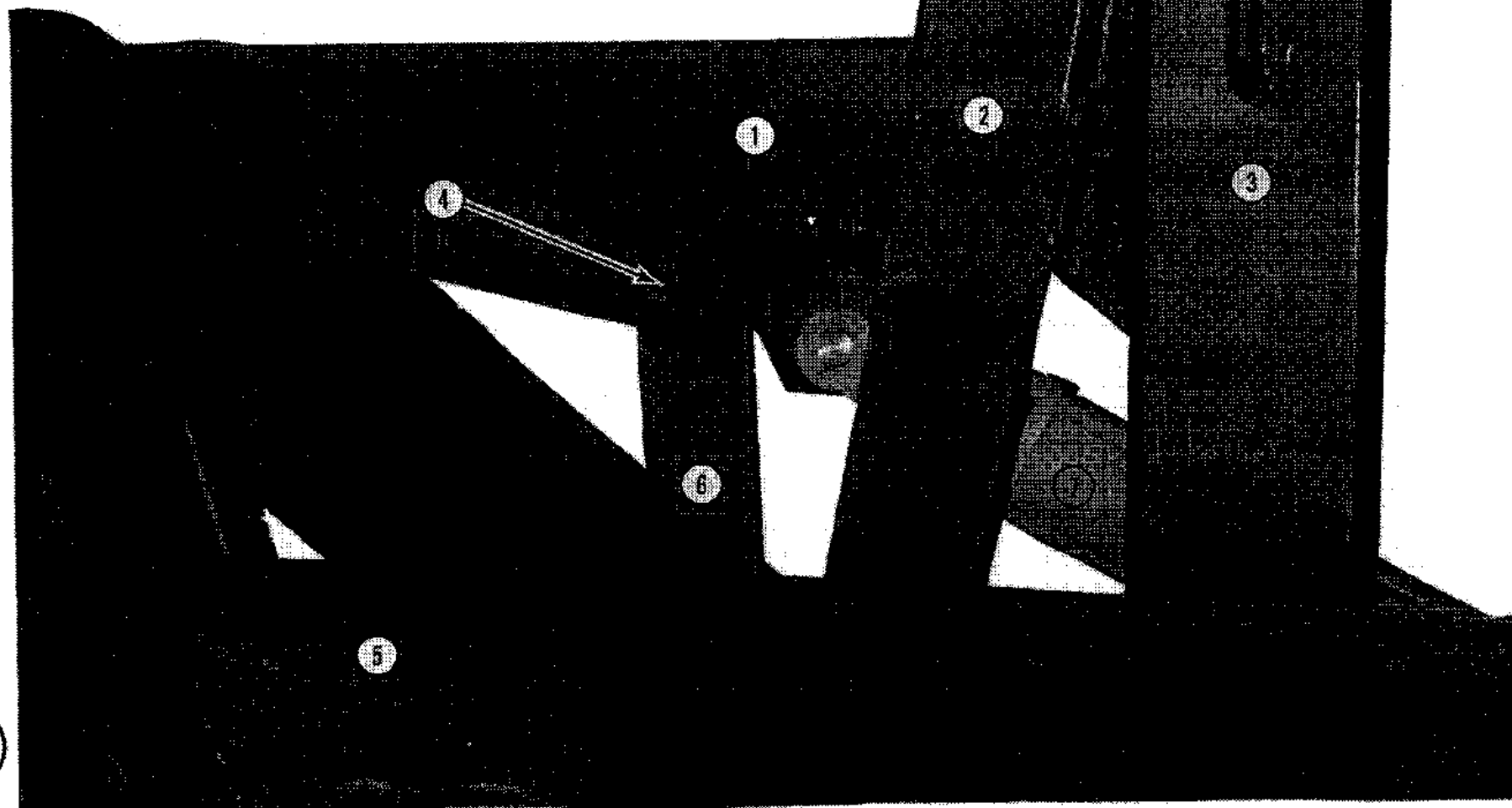


NO.	PART NO.	DESCRIPTION
1	801216	1 1/4" x 3" PIN
2	503108	TELESCOPIC BRACE
3	503106	SHORT DUMP ASSY.
4	801215	2" x 6" HINGE PIN
5	503105	LONG DUMP ASSY.
6	503109	DUMP HINGE POINT ASSY.
7	204201	3 1/2" x 42" HYD. CYL.
8	503104	7' BUCKET
9	601009	3/8" HYD. HOSE x 46"
10	601010	3/8" HYD. HOSE x 52"
11	503107	DUMP BRACE
12	801049	1 1/4" x 6" BOLT w/NUT
13	502406	APRON HINGE PIN

ROCK-MASTER

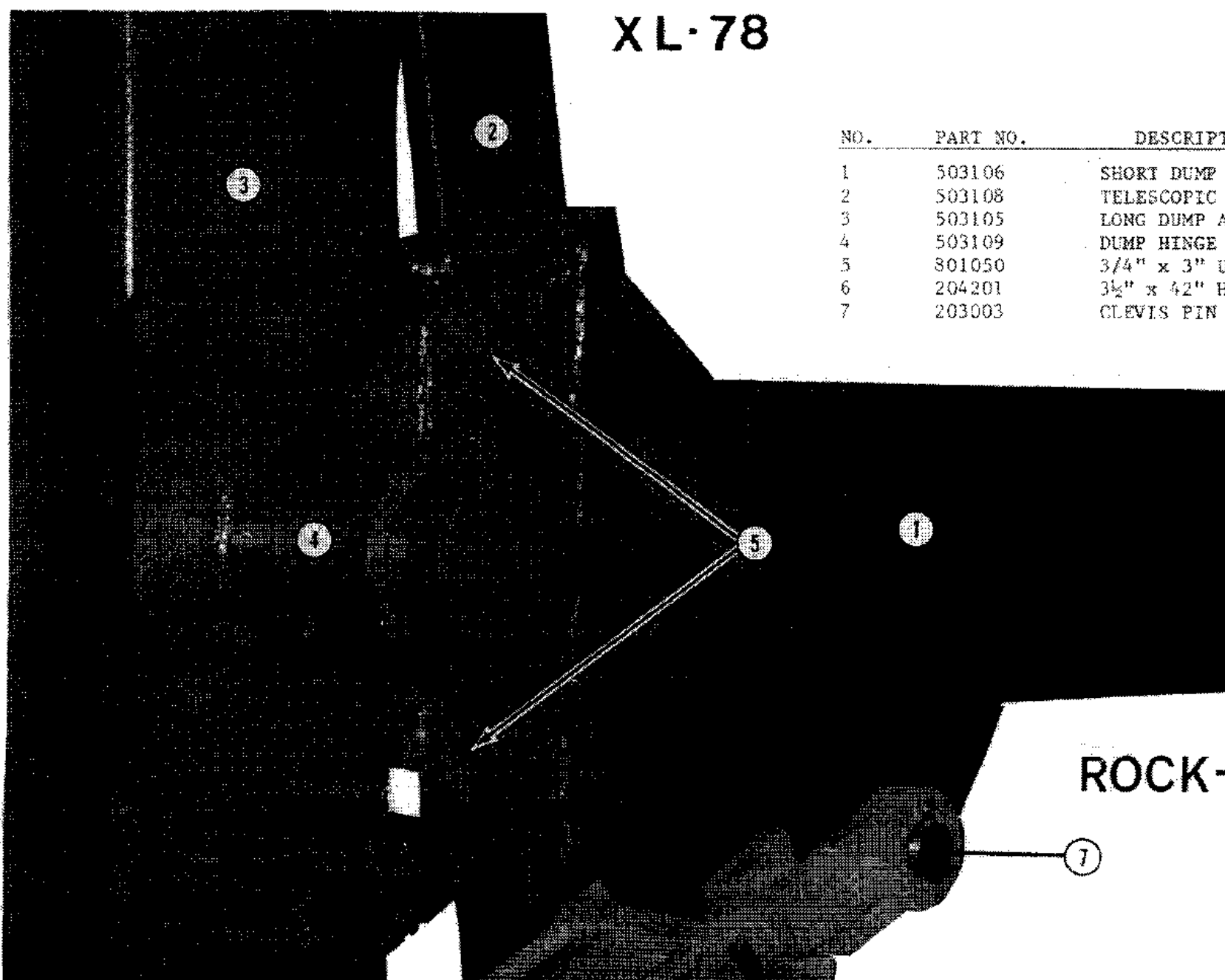
XL-78

NO.	PART NO.	DESCRIPTION
1	503106	SHORT DUMP ASSY.
2	503108	TELESCOPIC BRACE
3	503105	LONG DUMP ASSY.
4	801217	1 1/2" x 2 1/2" PIN
5	503104	7' BUCKET
6	503107	DUMP BRACE
7	202401	3 1/2" x 42" HYD. CYL.
8	203003	CLEVIS PIN



XL-78

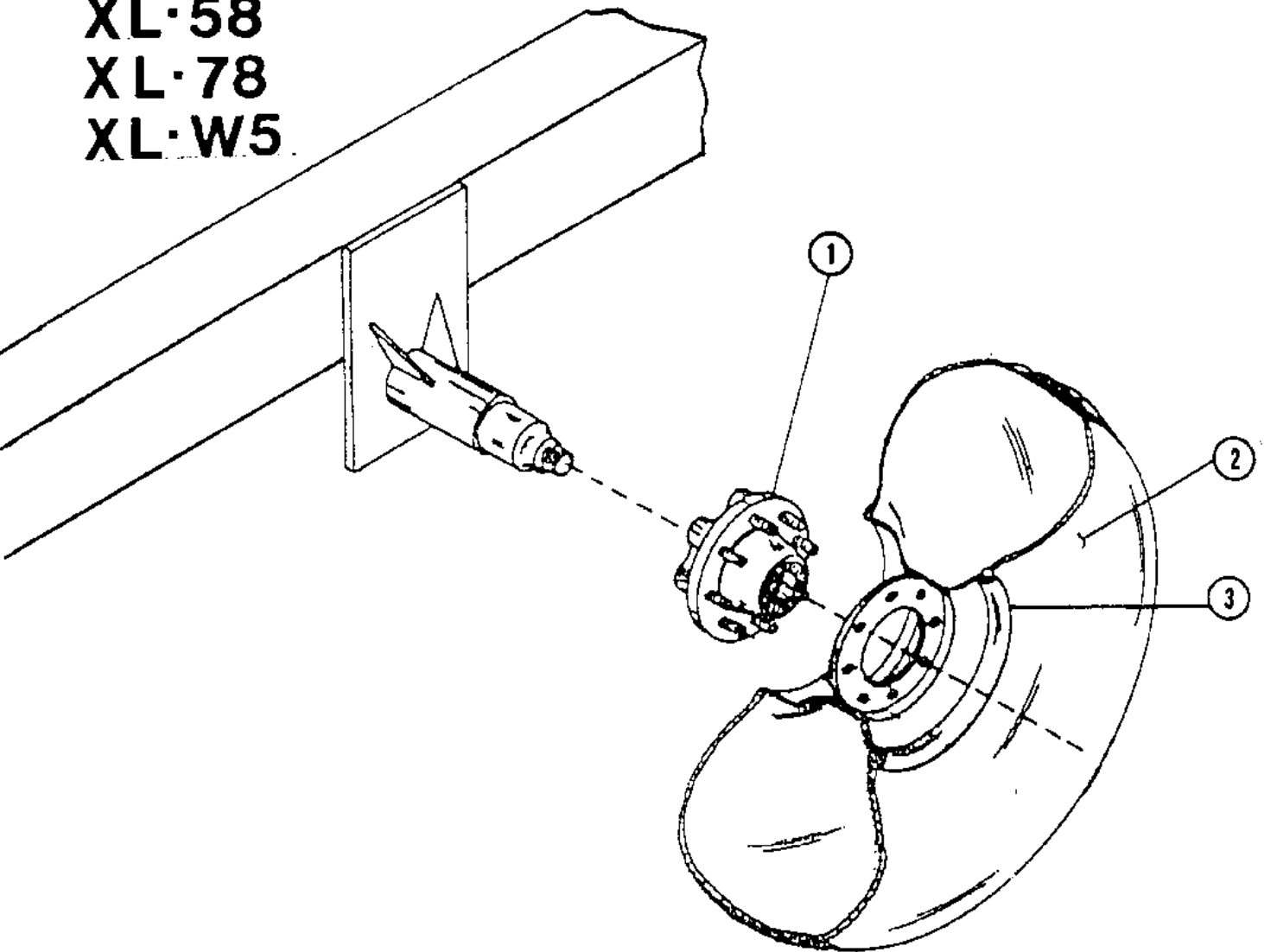
NO.	PART NO.	DESCRIPTION
1	503106	SHORT DUMP ASSY.
2	503108	TELESCOPIC BRACE
3	503105	LONG DUMP ASSY.
4	503109	DUMP HINGE POINT ASSY.
5	801050	3/4" x 3" UNC w/NUT
6	204201	3 1/2" x 42" HYD. CYL.
7	203003	CLEVIS PIN



ROCK-MASTER

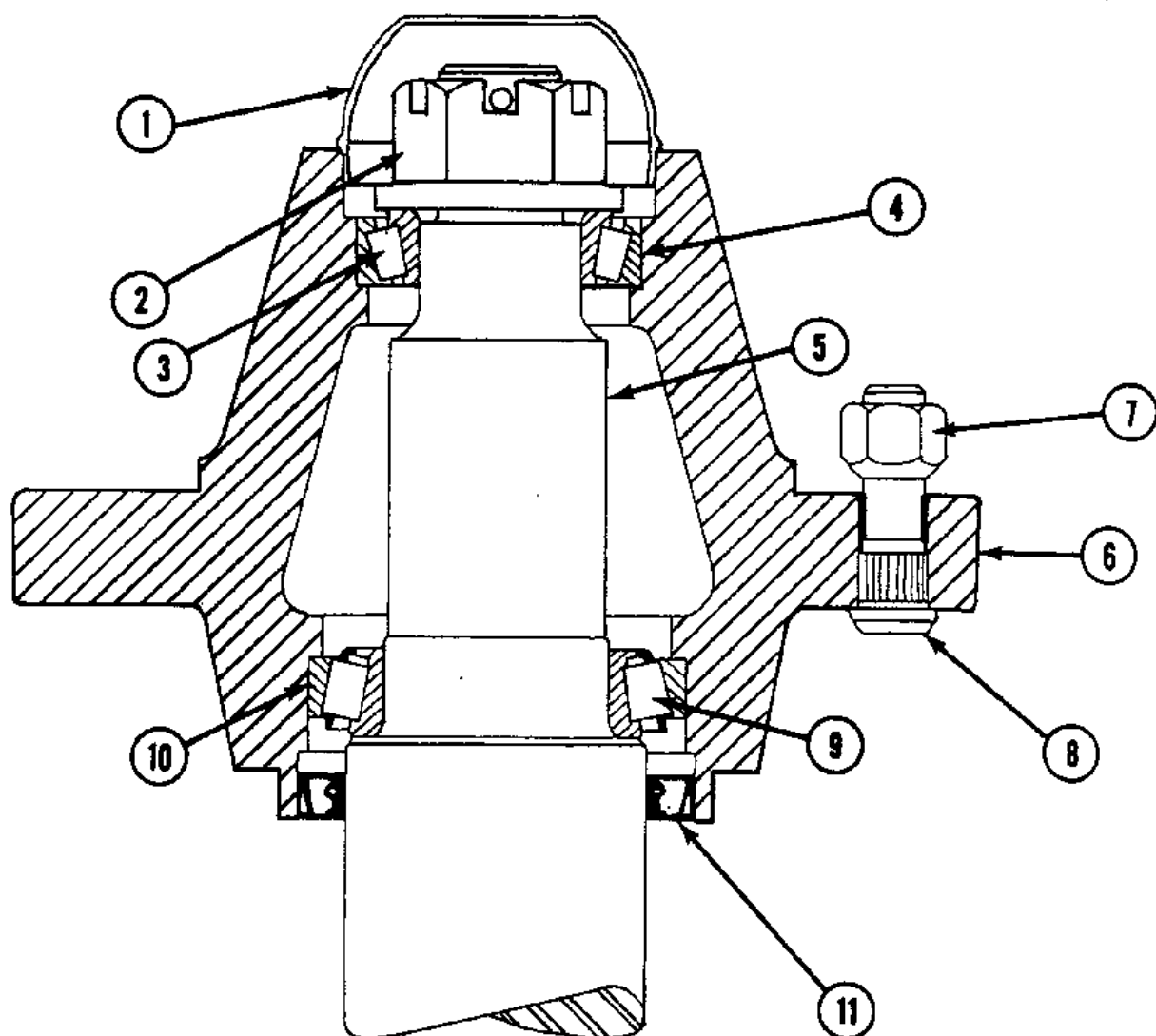
ROCK-MASTER

XL-58
XL-78
XL-W5



NO.	PART NO.	DESCRIPTION
1	301106	H817 HUB
2	301112	16.5 x 16.1 FLOTATION TIRE
3	301113	16 x 14 - 8 HOLE RIM

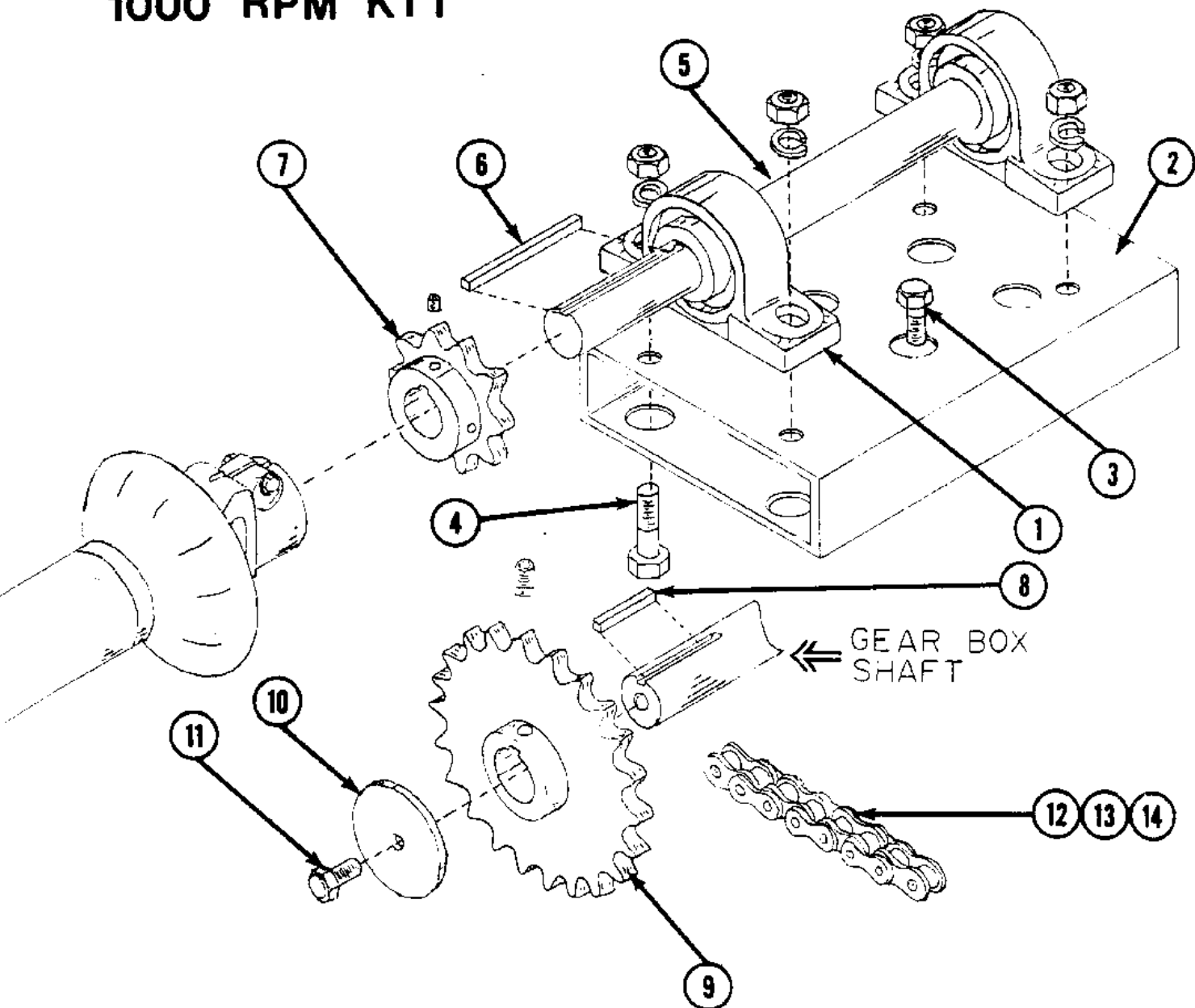
ROCK-MASTER



NO.	PART NO.	DESCRIPTION
1	301101	DC26 DUST CAP
2	301102	CASTELLATED NUT 1½ - 12 UNF
3	301103	LM501349 OUTER CONE
4	301104	LM501310 OUTER CUP
5	301105	S817 SPINDLE ONLY
6	301106	H817 HUB ONLY
7	301107	WB18 NUT 5/8 - 18 UNF
8	301108	WB46 STUD 5/8 - 18 UNF x 2½
9	301109	387AS INNER CONE
10	301110	382A INNER CUP
11	301111	SE42 GREASE SEAL

ROCK-MASTER

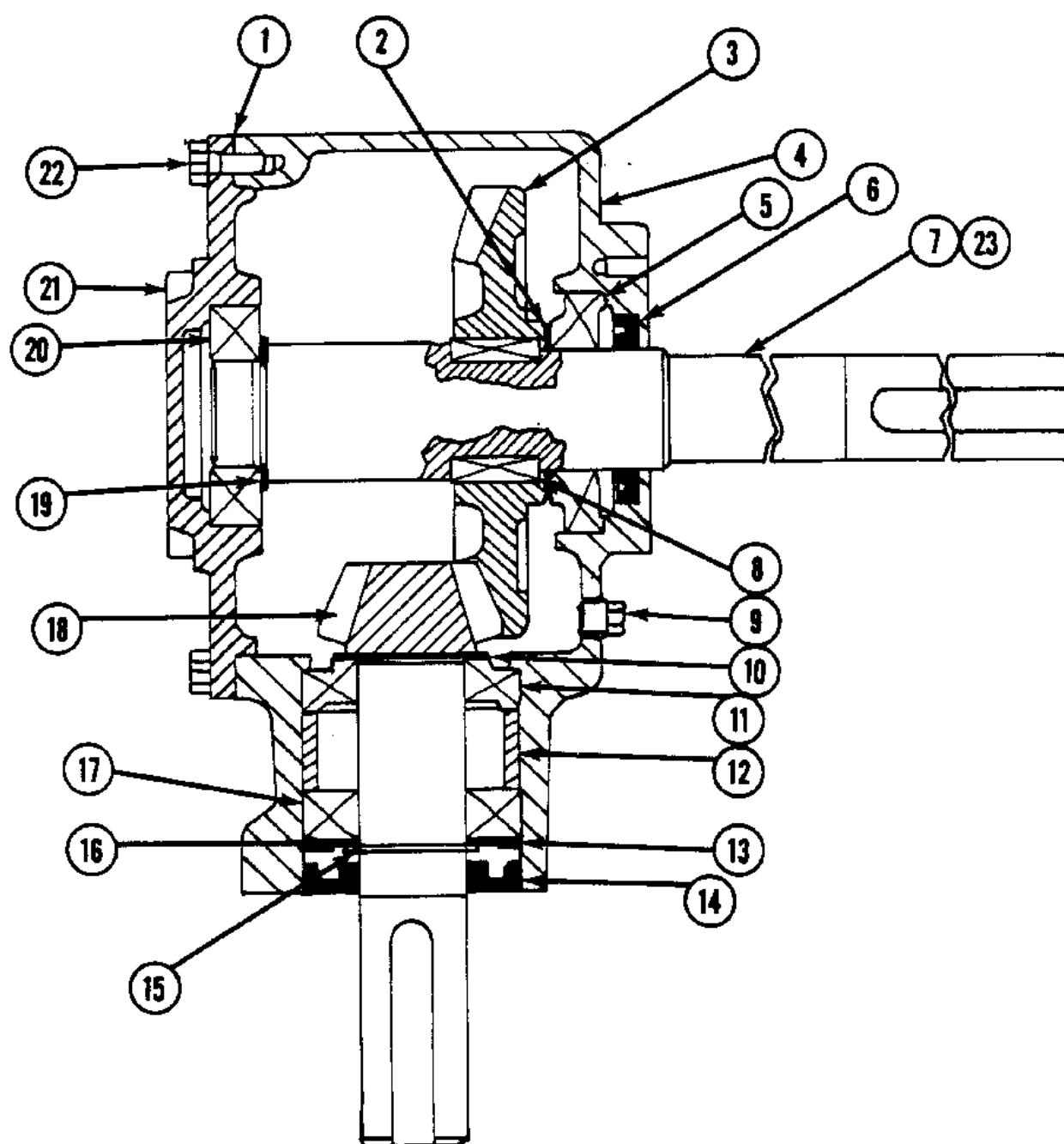
1000 RPM KIT



NO.	PART NO.	DESCRIPTION
1	400001	1 3/8" PILLOW BLOCK COMPLETE
2	400019	1000 RPM MOUNTING BRACKET
3	801002	1/2" x 1" UNC BOLT
4	801008	1/2" x 2" UNC BOLT W/NUT
5	400020	1 3/8" x 16 1/2" SHAFT
6	801606	5/16" x 4" KEY
7	701008	60B15 SPROCKET
8	801602	5/16" x 2" KEY
9	701009	60B30 SPROCKET
10	801302	1/2" I.D. x 3 1/8" O.D. WASHER
11	801107	3/8" x 1 UNF BOLT
12	702005	#60 CHAIN
13	702006	#60 CONNECTOR LINK
14	702007	#60 1/2 LINK
	400021	1000 RPM KIT COMPLETE

ROCK-MASTER

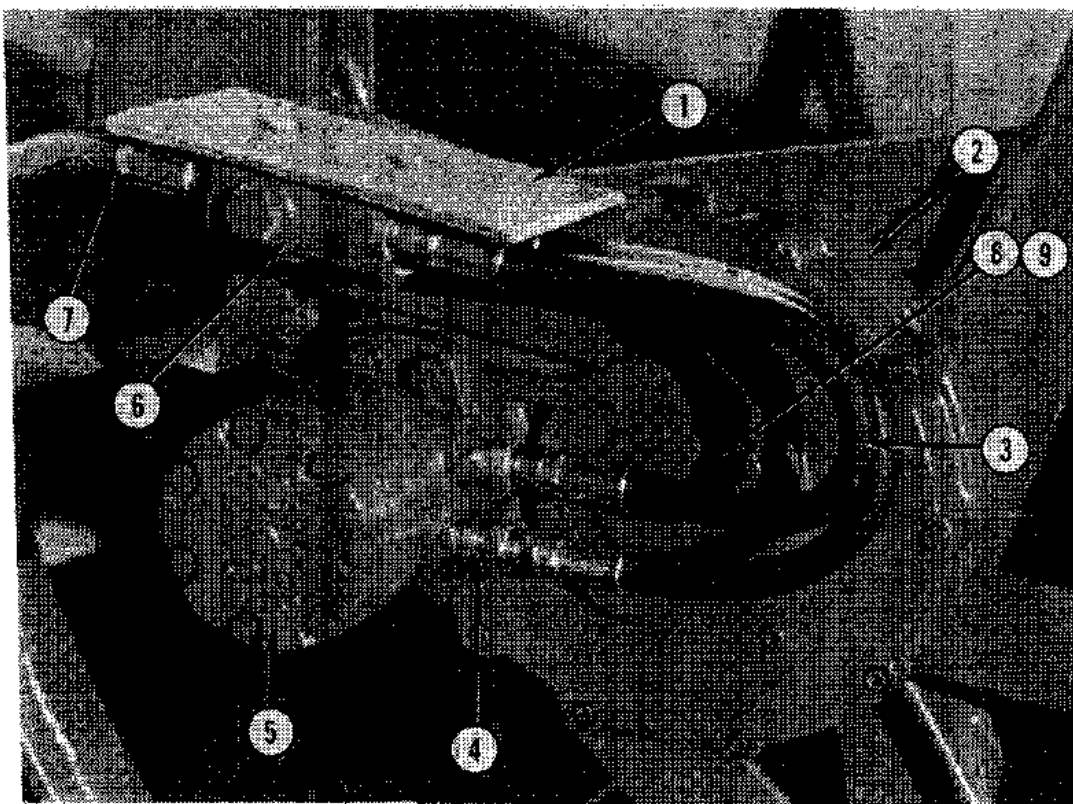
CÓMER SINGLE DRIVE GEARBOX



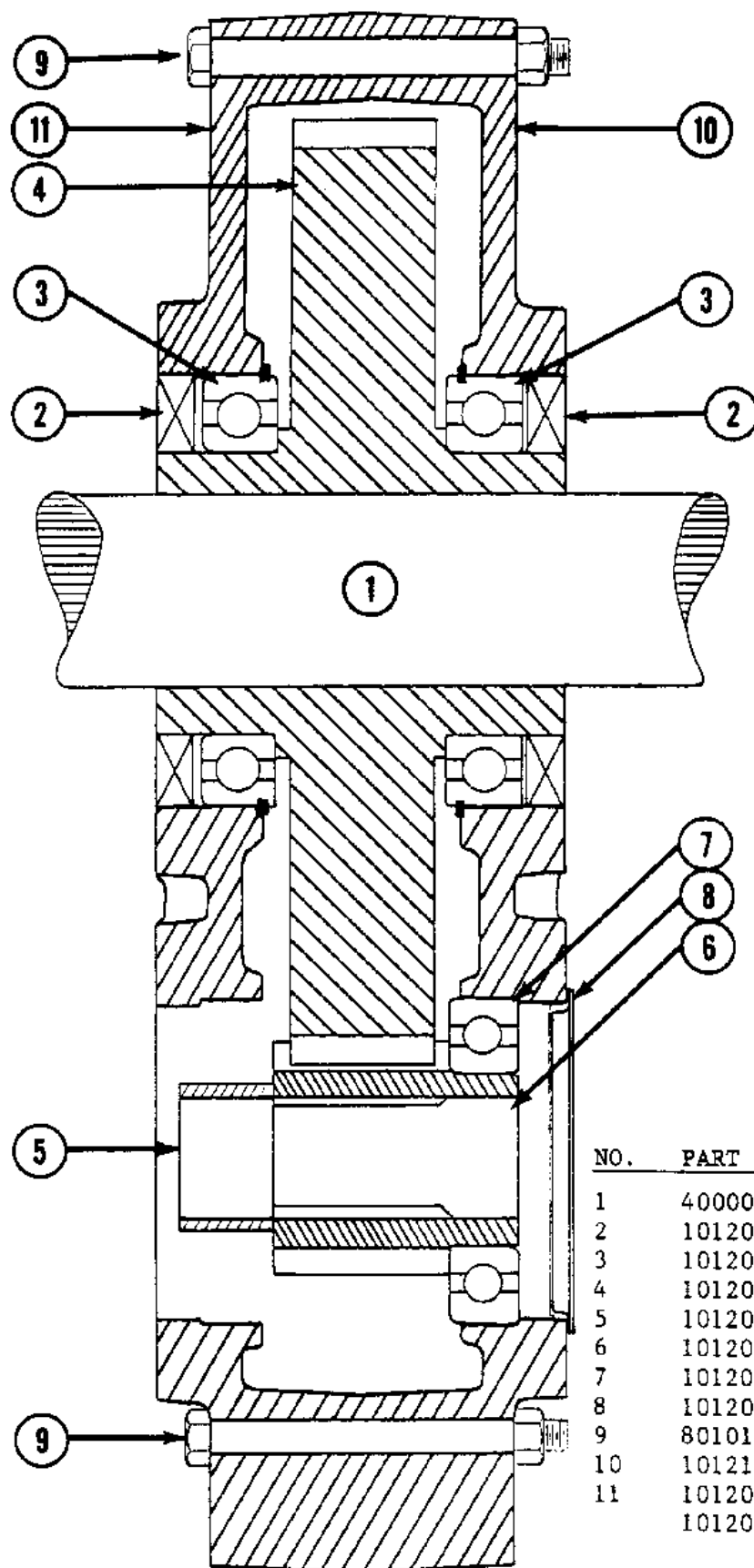
ROCK-MASTER

NO.	PART NO.	DESCRIPTION
1	100001	GASKET
2	100002	SHIM 40.3 x 51.5
3	100003	GEAR Z30 M5
4	100004	CASING
5	100005	30208 BEARING
6	100006	OIL SEAL
7	101001	1 3/8" x 25" SHAFT
8	100007	PARALLEL KEY 10 x 8 x 30
9	100008	1/2" PLUG
10	100009	SHIM 35.3 x 48
11	100010	30207 BEARING
12	100011	SPACER
13	100012	SNAP RING 72 UNI7437
14	100013	OIL SEAL
15	100014	SNAP RING 35 UNI7435
16	100009	SHIM 35.3 x 48
17	100015	6207 BEARING
18	100016	PINION GEAR Z10 M5
19	100009	SHIM 35.3 x 48
20	100015	6207 BEARING
21	100017	COVER
22	100018	BOLT M8 x 20 8.8
23	101002	1 3/8" x 8" SHAFT
24	101003	LONG SHAFT GEARBOX COMPLETE
25	101004	SHORT SHAFT GEARBOX COMPLETE

ROCK-MASTER



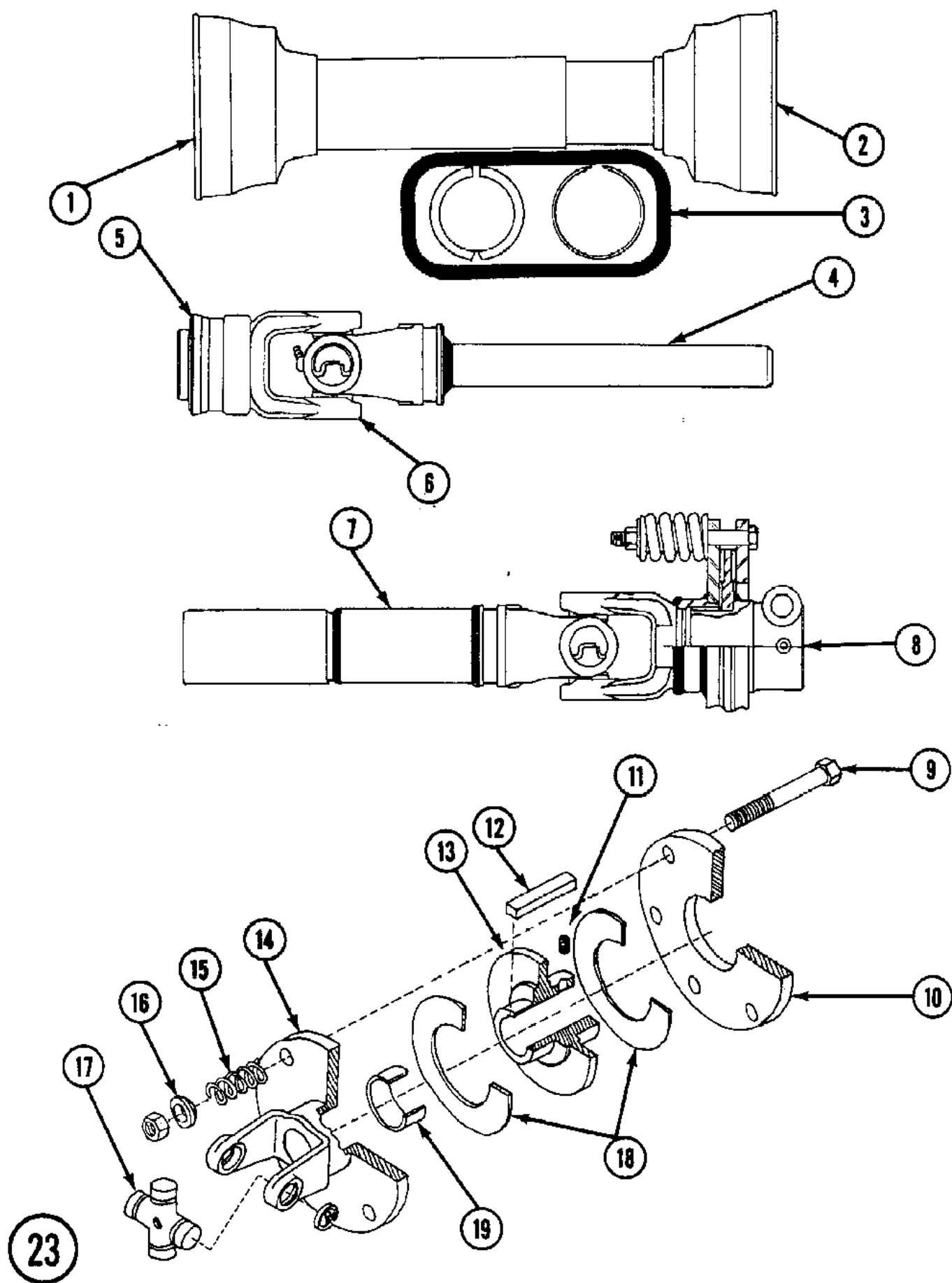
NO.	PART NO.	DESCRIPTION
1	400018	CUSHION VALVE MOUNT/GUARD
2	101201	590 GEAR BOX
3	601007	$\frac{1}{2}$ " X 20" HYD. HOSE
4	601210	60SB-08x08 HYD. FITTING
5	601302	RE685 ROLLER STATOR HYD. MOTOR
6	601404	CUSHION VALVE
7	601008	$\frac{1}{2}$ " X 144" TRACTOR HOSE
8	801302	$\frac{1}{2}$ " X 3 1/8" WASHER
9	801002	$\frac{1}{2}$ " X 1 UNC BOLT



NO.	PART NO.	DESCRIPTION
1	400002	2" REEL SHAFT
2	101202	SEAL 1477
3	101203	BEARING 1417
4	101208	58 TOOTH GEAR 2" BORE
5	101206	SPACER 1821
6	101207	13 TOOTH PINION
7	101204	BEARING 1418
8	101205	COVER 1154
9	801016	5/16" x 3" UNC GR. 5 BOLT
10	101210	CASE, PLAIN SIDE
11	101209	CASE, HYD. MOTOR SIDE
	101201	590 GEAR BOX COMPLETE

M4559 PTO SHAFT

ROCK-MASTER



ROCK-MASTER

<u>NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	901010	OUTER GUARD
2	901011	INNER GUARD
3	901012	GUARD RETAINER KIT
4	901004	YOKE & SHAFT
5	901013	SPRING-LOK YOKE REPAIR KIT
6	901002	TRACTOR YOKE
7	901005	YOKE & TUBE
8	901016	6000 CLUTCH ONLY COMPLETE
9	901008	6000 CLUTCH BOLT W/NUT
10	900002	CLUTCH PRESSURE PLATE
11	801501	3/8-16 SET SCREW
12	801602	5/16 X 2 KEY
13	900001	CLUTCH HUB
14	901006	YOKE W/CLUTCH PLATE
15	901007	6000 CLUTCH SPRING
16	901009	6000 CLUTCH SPRING HOLDING WASHER
17	901003	1 1/4" JOURNAL KIT
18	900003	CLUTCH FRICTION DISC
19	900004	BRASS BUSHING
20	901014	TRACTOR HALF PTO SHAFT W/GUARD
21	901015	CLUTCH HALF PTO SHAFT W/GUARD
	901001	M4559 PTO COMPLETE

ROCK-MASTER

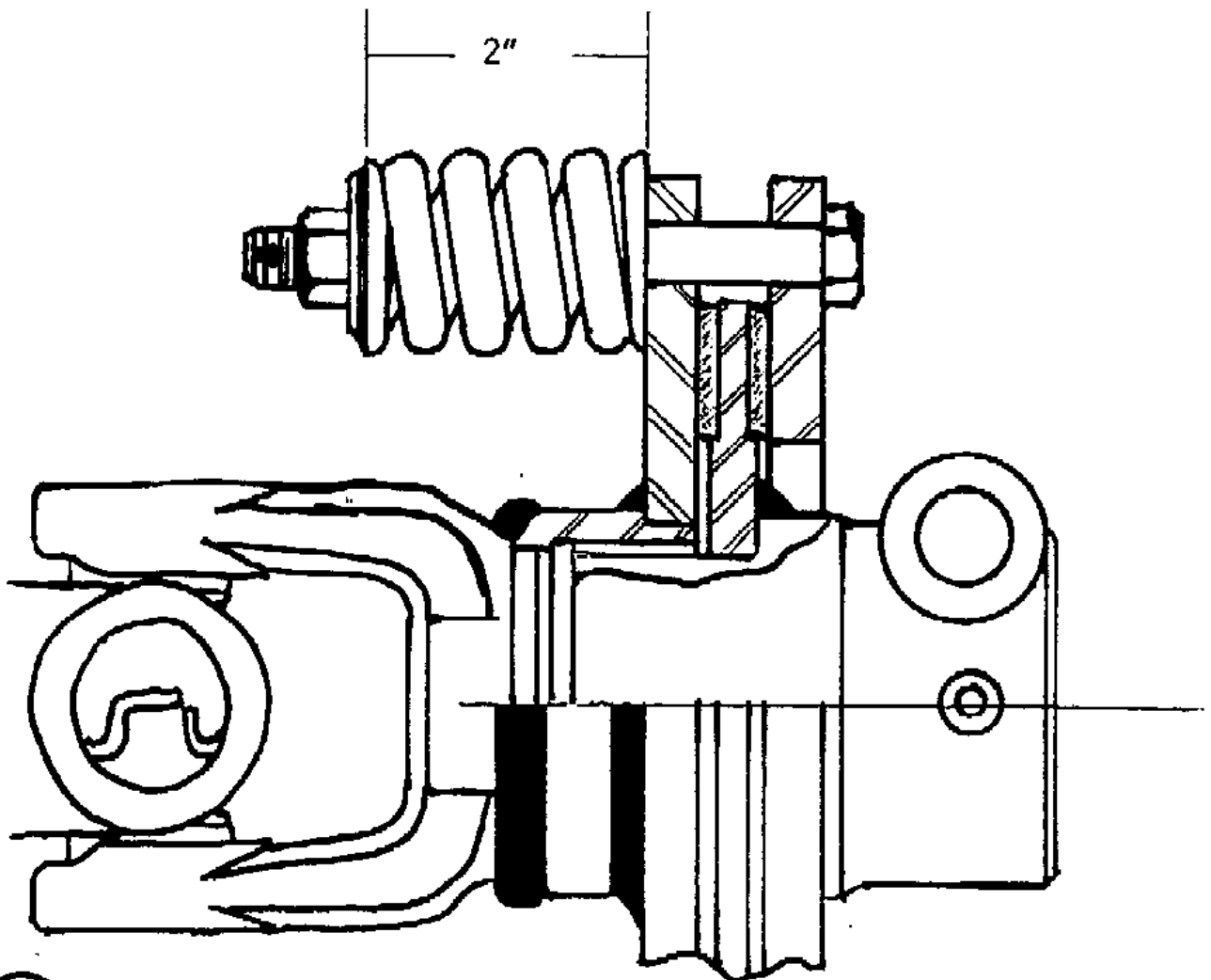
"6000 CLUTCH"

(MAIN DRIVE LINE PTO ON ALL ROCK PICKERS AND WINDROWERS)

STORAGE

WHEN YOUR MACHINE IS GOING TO BE INACTIVE ON A SEASONAL BASIS, IT IS ADVISED TO LOOSEN OR REMOVE THE CLUTCH FACINGS, TO AVOID RUST FORMING AND MAKING THEM INOPERATIVE.

"REMEMBER" TO TORQUE THE BOLTS TO THE REQUIRED LENGTH AS SHOWN BELOW.



"IMPORTANT"

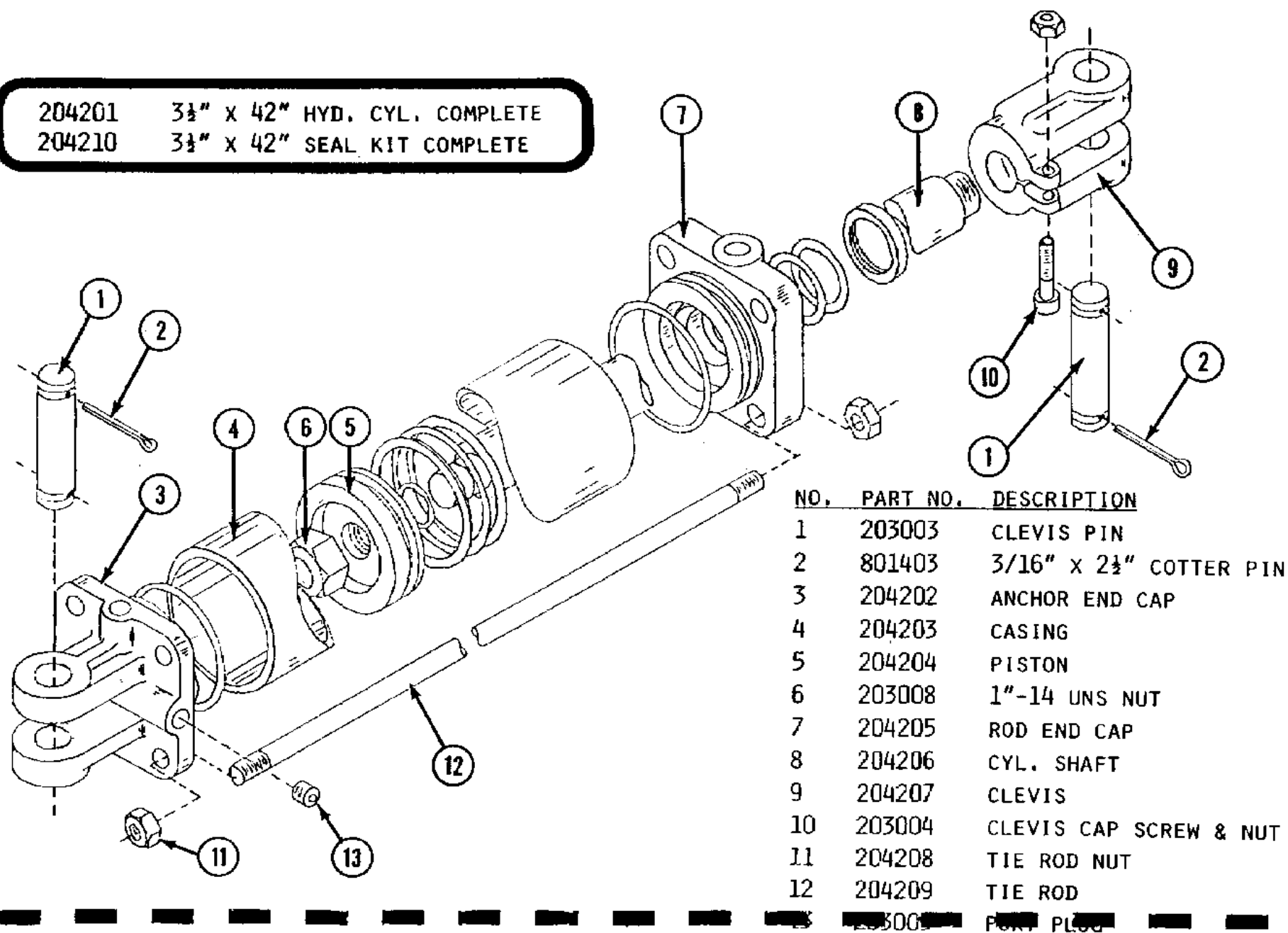
"6000 & 9000 CLUTCH"

OPERATING & MAINTENANCE INSTUCTIONS

- 1) ATMOSPHERIC CONDITIONS AND PROLONGED STORAGE MAY ALTER THE OPERATING CHARACTERISTICS OF FRICTION CLUTCHES. BEFORE FIRST USE OR AFTER STORAGE OF MORE THAN ONE MONTH ALL SPRING ADJUSTING NUTS SHOULD BE BACKED OFF UNTIL SPRINGS ARE JUST LOOSE, THEN TIGHTENED ONE TURN.
- 2) THE CLUTCH SHOULD THEN BE SLIPPED UNTIL IT STARTS TO SMOKE. THE SPRINGS SHOULD THEN BE SET TO THE DESIRED SPRING SETTING. SET ALL SPRINGS TO THE SAME LENGHT. NOTE THAT AFTER A CLUTCH HAS BEEN "RUN IN" IT WILL SLIP ABOUT 20% HIGHER THAN BEFORE.
- 3) THE TEMPERATURE OF THE CLUTCH SHOULD BE CHECKED OFTEN DURING THE FIRST 20 MIN. OF OPERATION AND ABOUT EVERY 8 HRS. THEREAFTER. IF CLUTCH SMOKES, OR IS TOO HOT TO TOUCH (140°F. PROX.-DON'T BURN YOUSELF), THE SPRINGS SHOULD BE TIGHTENED OR THE CLUTCH WILL BURN UP AND FAIL.
- 4) SOME CLUTCHES MAY HAVE A SPRING STOP INSIDE THE SPRING TO PREVENT TIGHTENING THE SPRING BEYOND A PRESET LENGHT. CAUTION ! IF ATTEMPT IS MADE TO TIGHTEN THE SPRING BEYOND THE PRESET LENGHT, THE BOLT MAY BREAK AND THE SPRING WILL THE FASTENER FLY OFF.

ROCK-MASTER

204201 3½" X 42" HYD. CYL. COMPLETE
 204210 3½" X 42" SEAL KIT COMPLETE



ROUTINE MAINTENANCE

- PERIODICALLY CHECK AIR PRESSURE IN TIRES AS UNEQUAL PRESSURE WOULD MAKE IT PRACTICALLY IMPOSSIBLE TO LEVEL MACHINE PROPERLY.
- CHECK OIL IN GEAR BOX AND ADD #90 GEAR OIL IF NEEDED.
- CHECK WHEEL BOLTS FOR TIGHTNESS.
- CHECK ALL BOLTS FOR TIGHTNESS.
- CHECK HYD. HOSE AND TUBING CONNECTIONS.
- GREASE TELESCOPIC SHAFT REGULARLY TO MINIMIZE TRUST FORCES.
- CHECK CHAIN TIGHTENER.
- TIGHTEN ALL SET SCREWS.

SPECIFICATIONS

PICKING WIDTH.....7'
DUMPING HEIGHT.....8'
WIDTH.....12'
LENGTH.....15'
TIRES.....16.5 x 16.1
CYLINDERS.....3½" x 42"
CHAIN & SPROCKETS.....# 80
PTO DRIVE.....540 STD.
HYDRAULIC PRESSURE.....2500 PSI
WEIGHT.....6500 lbs. Approx.

DANGER

ANY PETOLEUM PRODUCT UNDER PRESSURE CAN INFILTRATE THE SKIN CAUSING SERIOUS AFTER EFFECTS. IF THIS SHOULD HAPPEN, APPLY COLD PACKS TO THE AFFECTED AREA AND SEE A DOCTOR IMMEDIATELY.