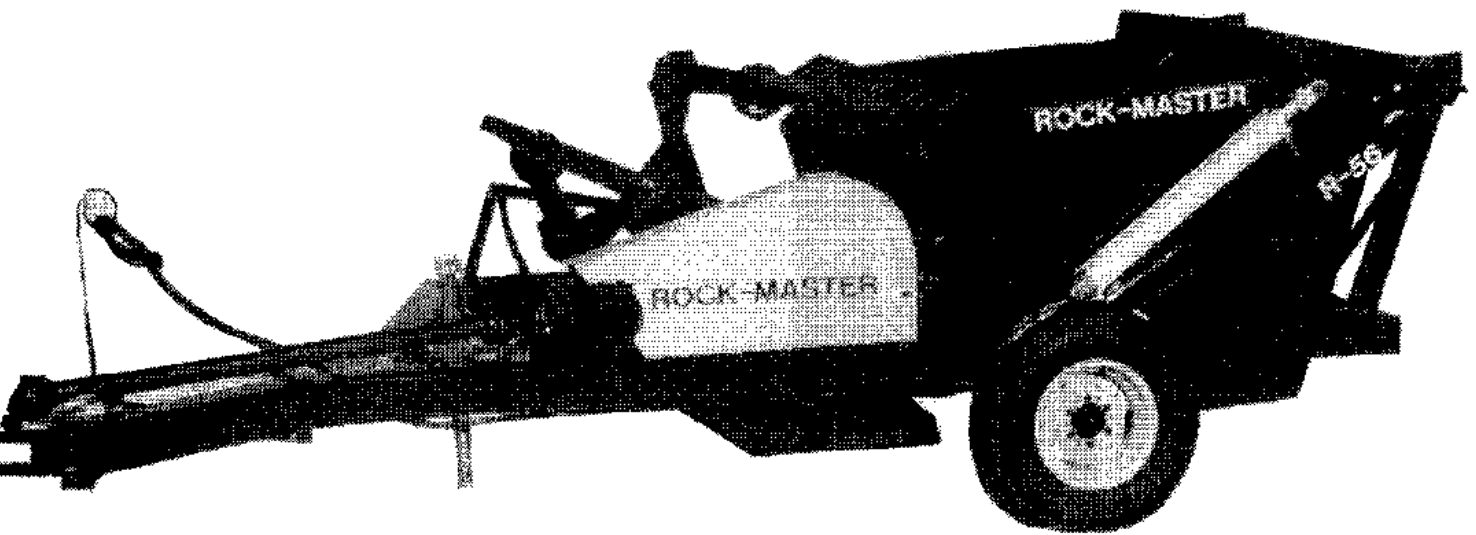


ROCK-MASTER

R-56



OPERATORS MANUAL

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 BUSSIÈRE
PRESIDENT

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YOUR MODEL R-56 ROCKMASTER STONE PICKER WAS DESIGNED FOR EASE OF HANDLING IN THE TOUGHEST OF CONDITIONS.

THE R-56 WILL CLEAN YOUR FIELDS OF SMALL AND LARGE STONES FAST AND WITH THE GREATEST OF EASE.

THE ROCKMASTER STONE PICKER IS NOT A LUXURY, IT IS A SOUND ADDITION TO YOUR FARMING OPERATION.

MANY ACRES OF TROUBLE FREE SERVICE CAN BE EXPECTED WITH A LITTLE INSIGHT AND PROPER MAINTENANCE DESCRIBED IN THI MANUAL.

DIAGRAMS AND PARTS LISTS HAVE INCLUDED FOR YOUR CONVENIENCE TO ASSIST IN THE ADJUSTMENTS AND UPKEEP THAT MAY BE REQUIRED.

- ALWAYS DISENGAGE PTO BEFORE DISMOUNTING TRACTOR
- DO NOT OPERATE UNLESS PTO GUARDS ARE IN PLACE
- PTO GUARDS MUST TURN FREELY AND BE PROPERLY ATTACHED AND MAINTAINED
- PTO SHAFTS MUST BE SECURELY LOCKED ONTO TRACTOR AND IMPLEMENT SHAFTS
- KEEP YOURSELF AND OTHERS CLEAR OF ROTATING PARTS TO PREVENT INJURY
- READ ALL SAFETY "NOTES"
- PAY ATTENTION TO ALL "WARNING & SAFETY" DECALS
- ABOVE ALL "BE CAREFUL"

WARRANTY

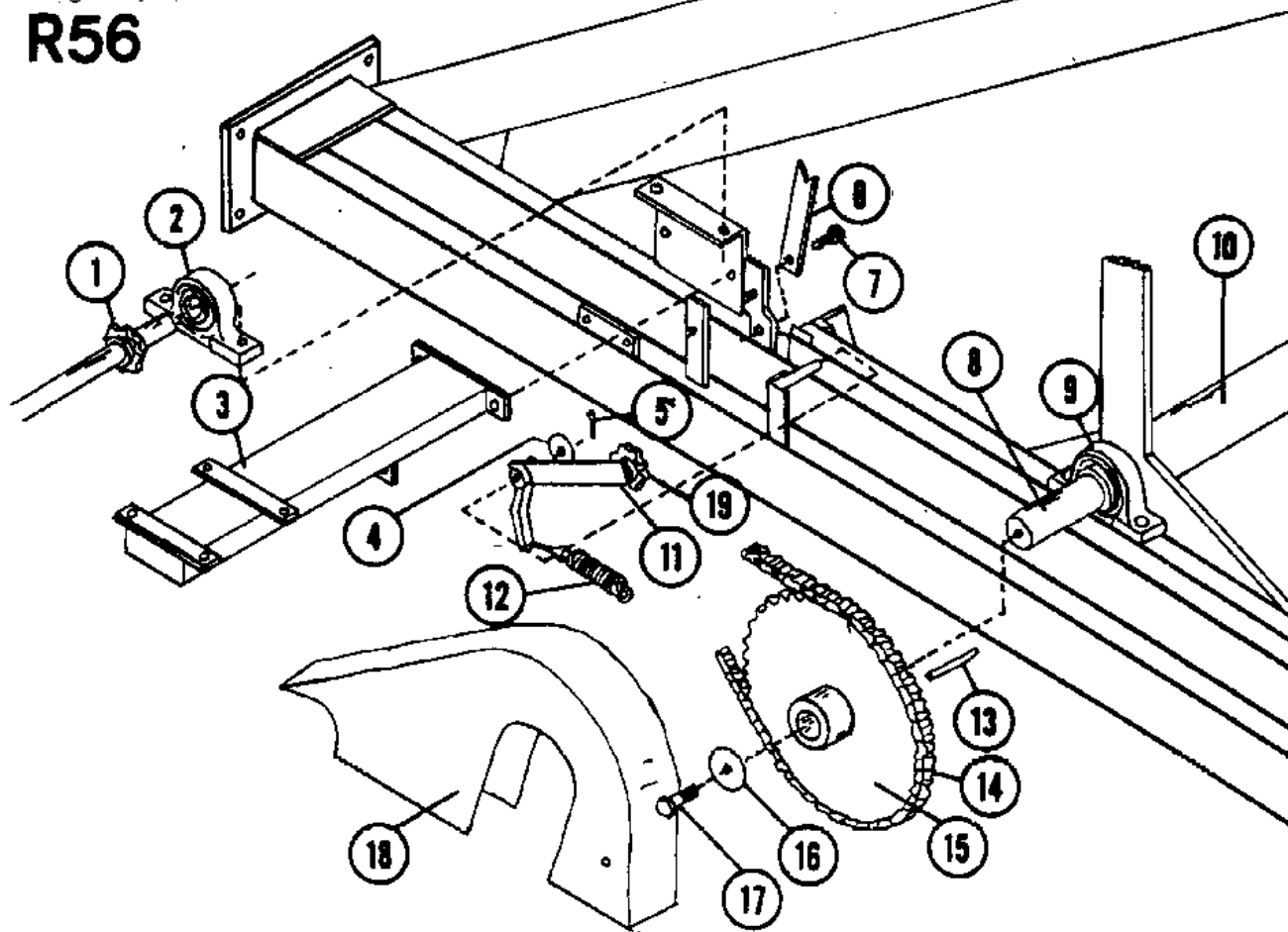
HIGH-LINE MFG. INC. warrants its products to the original owner for a period of two years from date of purchase. Subject to the following provisions.

- *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.

REEL ASSY. R56

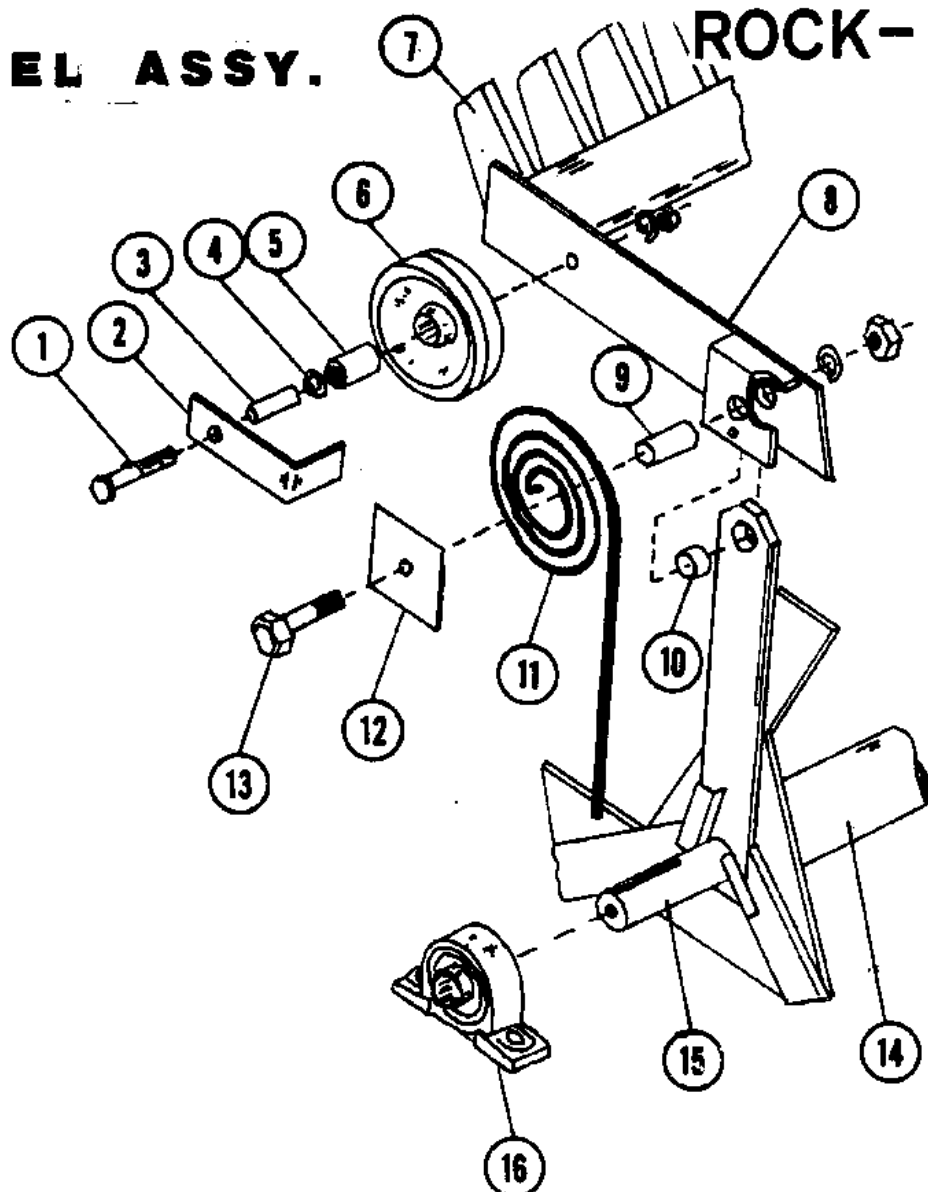
ROCK-MASTER



NO.	PART NO.	DESCRIPTION
1	701001	80C11 SPROCKET
2	400001	1 3/8" PILLOW BLOCK COMPLETE
3	401101	GEARBOX MOUNTING BRACKET
4	801301	2 1/2" O.D. WASHER
5	801401	3/16" x 2" COTTER PIN
6	501101	TRANSPORT LOCK ARM
7	801001	3/4" x 2" UNC BOLT W/NUT
8	400002	2" REEL SHAFT
9	400003	2" PILLOW BLOCK COMPLETE
10	401102	REEL ARM LESS BAIS
11	400004	TIGHTENER ARM
12	400005	TIGHTENER SPRING
13	801601	3/8" x 4 1/2" KEY
14	702001	ASA 80 CHAIN x 100 PINS
	702002	ASA 80 CONNECTOR LINK
	702003	ASA 80 HALF LINK
15	701002	80C50 SPROCKET
16	801302	1/2" x 3 1/8" O.D. WASHER
17	801002	1/2" x 1" UNC BOLT
18	4000006	CHAIN GUARD
19	701003	80A12 IDLER SPROCKET

REEL ASSY.

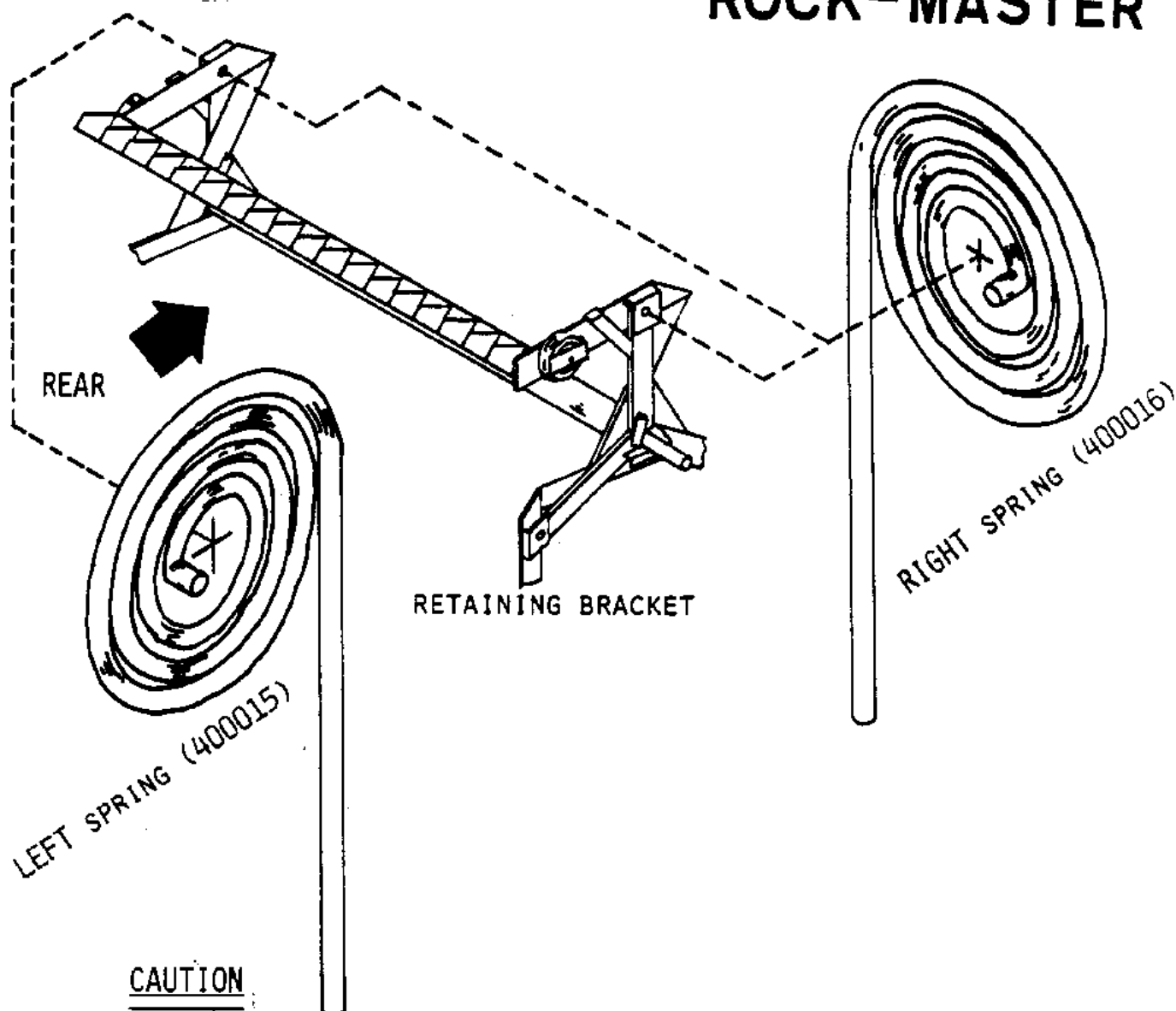
ROCK-MASTER



NO.	PART NO.	DESCRIPTION
1	801003	3/4 x 4 1/2 BOLT W/NUT (High Grade)
2	401103	BOGEY WHEEL BRACKET
3	400007	SPANNER SLEEVE
4	400008	BOGEY WHEEL SEAL (2 REG'D)
5	400009	BOGEY WHEEL BEARING
6	400010	8" BOGEY WHEEL
7	400011	REEL BAT TOOTH
8	401104	5' REEL BAT
9	400012	1 1/16 x 2 3/8 BUSHING
	400013	1 1/16 x 3 1/8 BUSHING
10	400014	1 5/16 x 3/4 BUSHING
11	400015	LEFT REEL SPRING
	400016	RIGHT REEL SPRING
12	400017	SPRING HOLDING PLATE
13	801101	5/8 x 3 1/2 UNF BOLT W/NUT
	801102	5/8 x 4 3/8 UNF BOLT W/NUT
14	401102	REEL ARM LESS BATS
	401105	REEL ARM COMPLETE W/BATS
15	400002	2" REEL SHAFT
16	400003	2" PILLOW BLOCK COMPLETE

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.

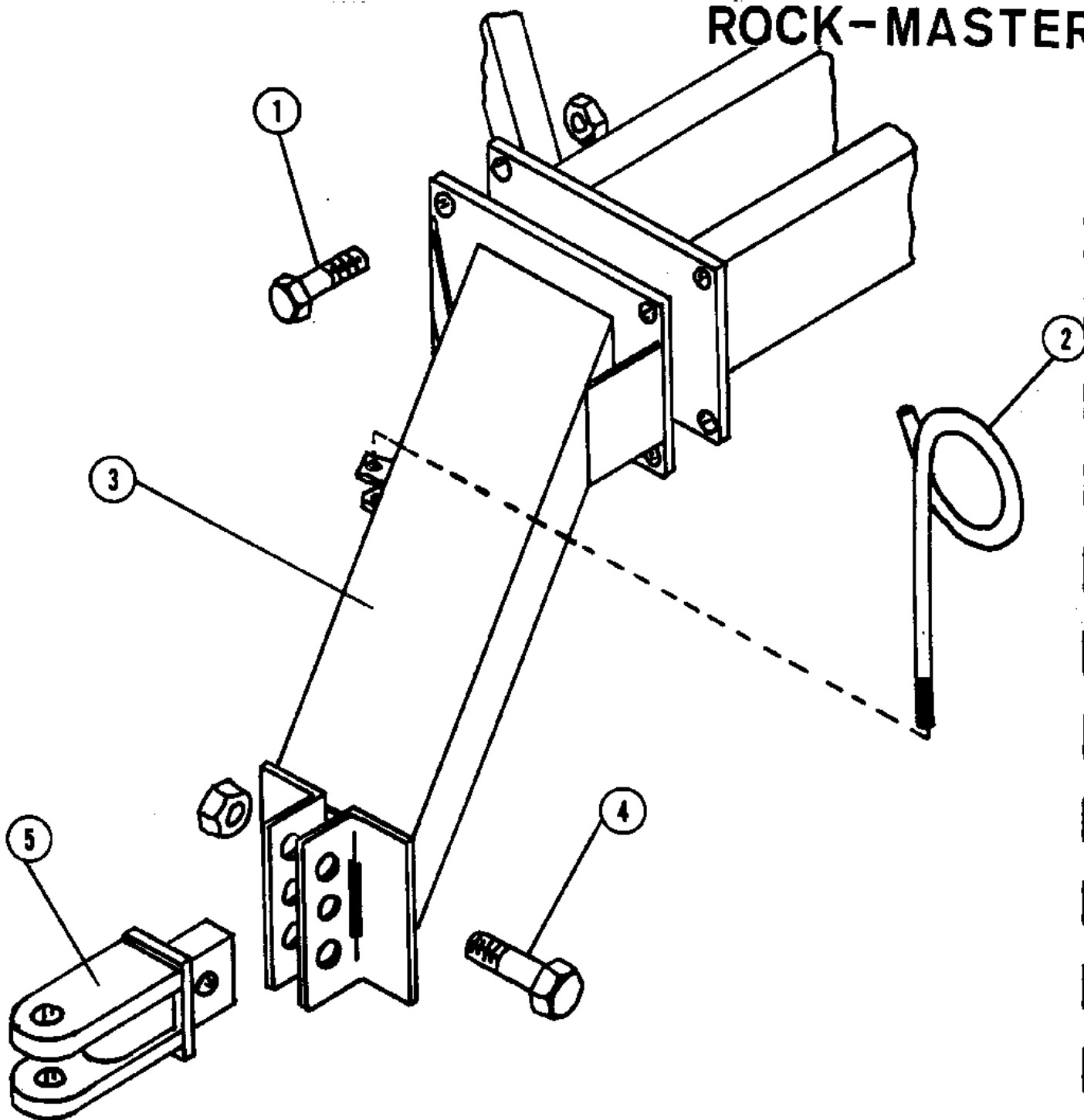
IMPORTANT NOTE

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.

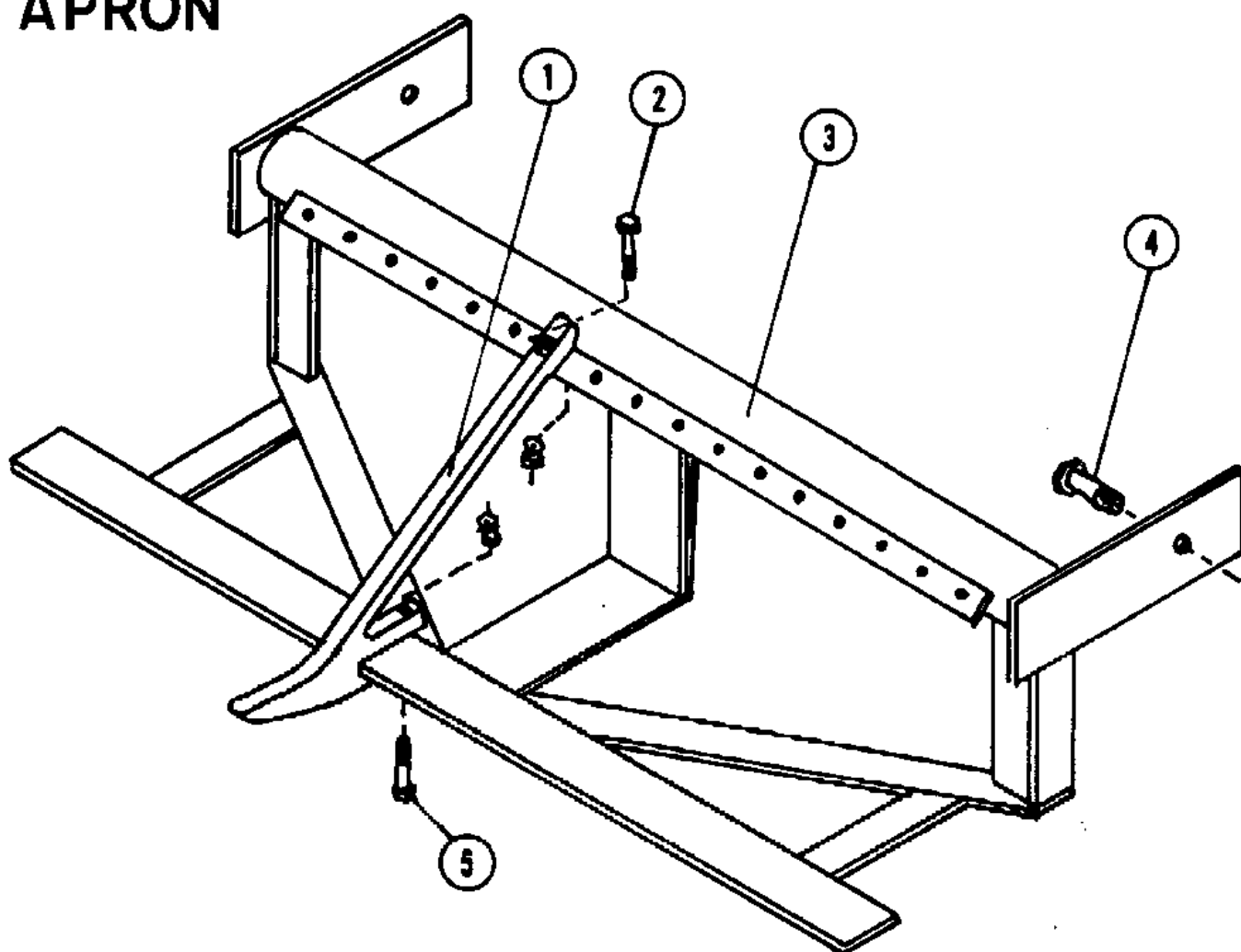
ROCK-MASTER



NO.	PART NO.	DESCRIPTION
1	801014	1" x 3" UNC BOLT W/NUT
2	500001	HYDRAULIC LINE HOLDER
3	501102	HITCH TONQUE
4	801005	1" x 4" UNC BOLT W/NUT
5	500002	HITCH CLEVIS

APRON

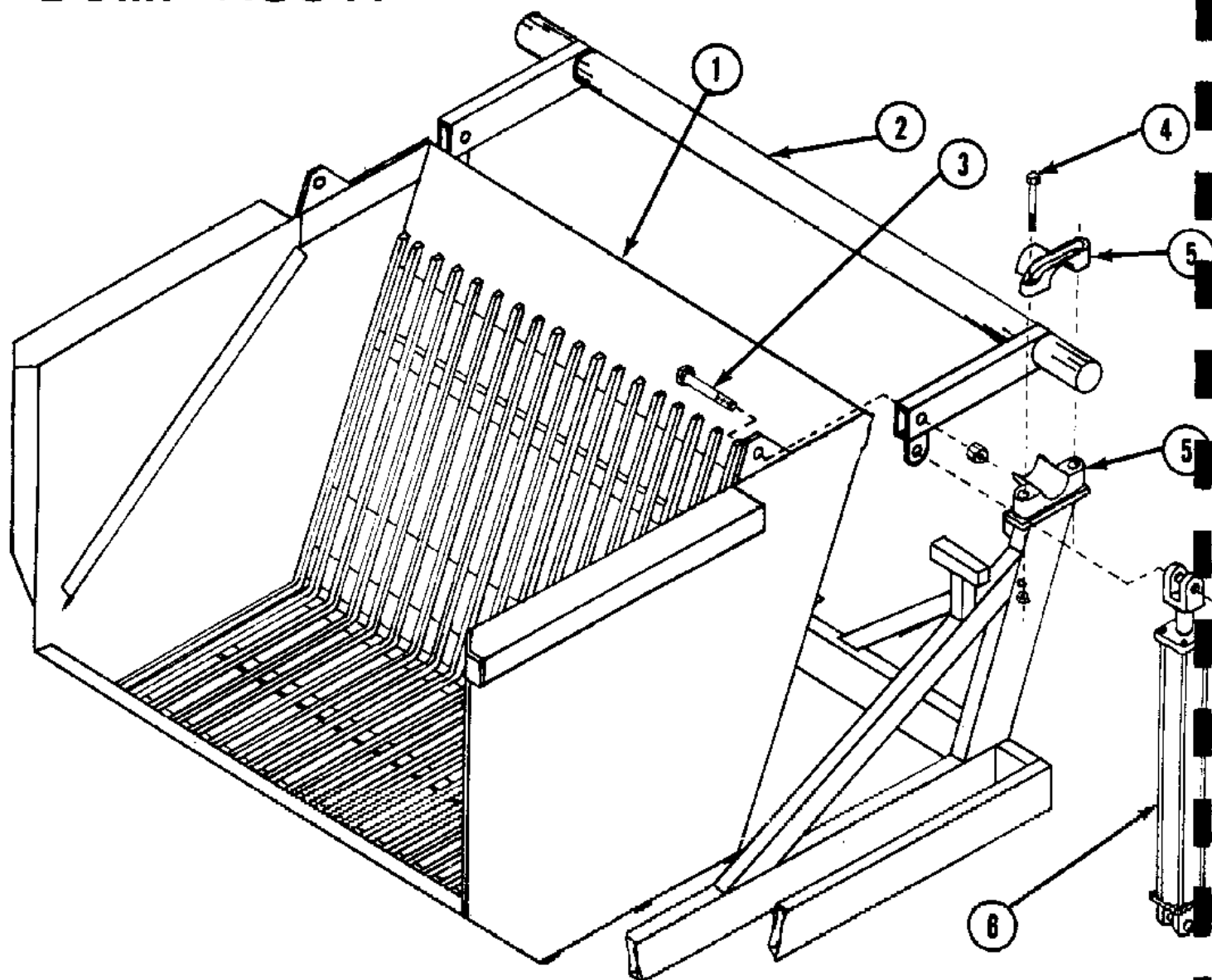
ROCK-MASTER



NO.	PART NO.	DESCRIPTION
1	500101	APRON TINE
2	801103	$\frac{1}{2}$ x $2\frac{1}{2}$ BOLT W/NUT UNF GRADE 8
3	502401	APRON FRAME
	502402	APRON FRAME COMPLETE W/TINES
4	801006	1 x 4 BOLT W/NUT UNC THIN HEAD
5	801104	$\frac{1}{2}$ x $3\frac{1}{2}$ BOLT W/NUT UNF GRADE 8

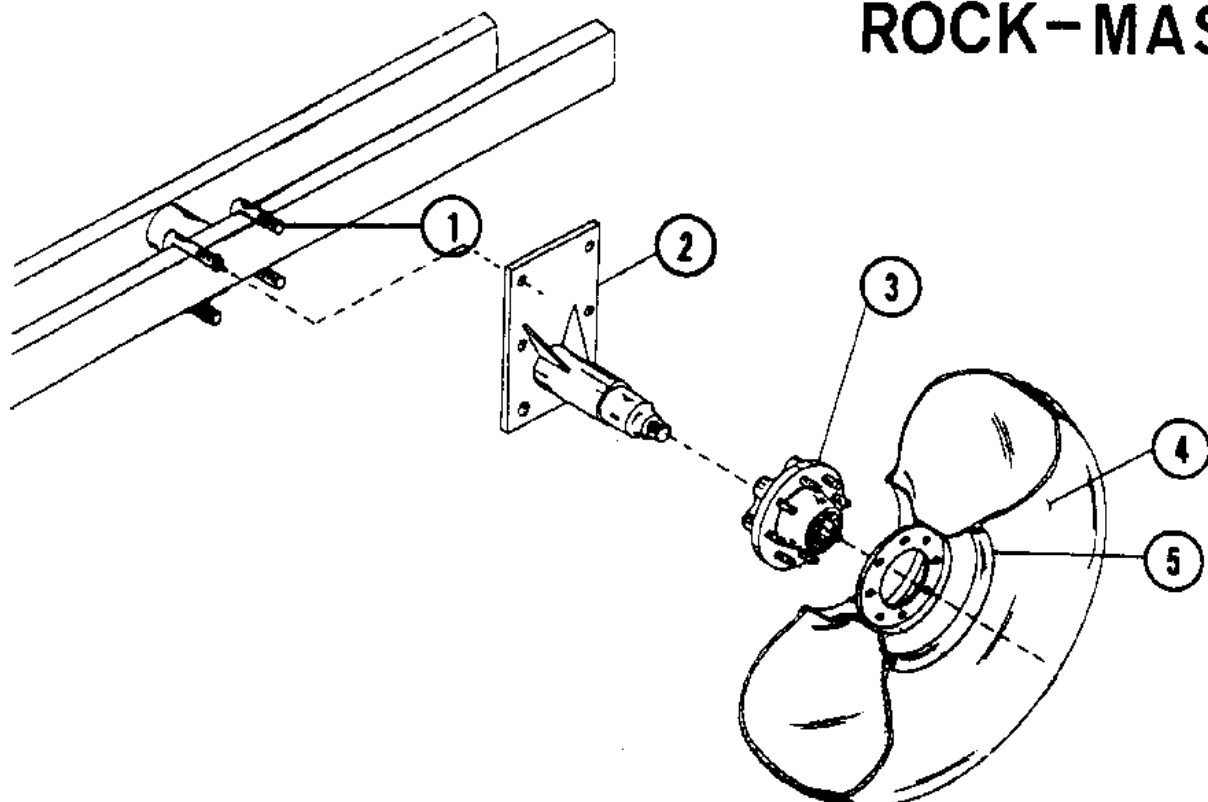
DUMP ASSY.

ROCK-MASTER

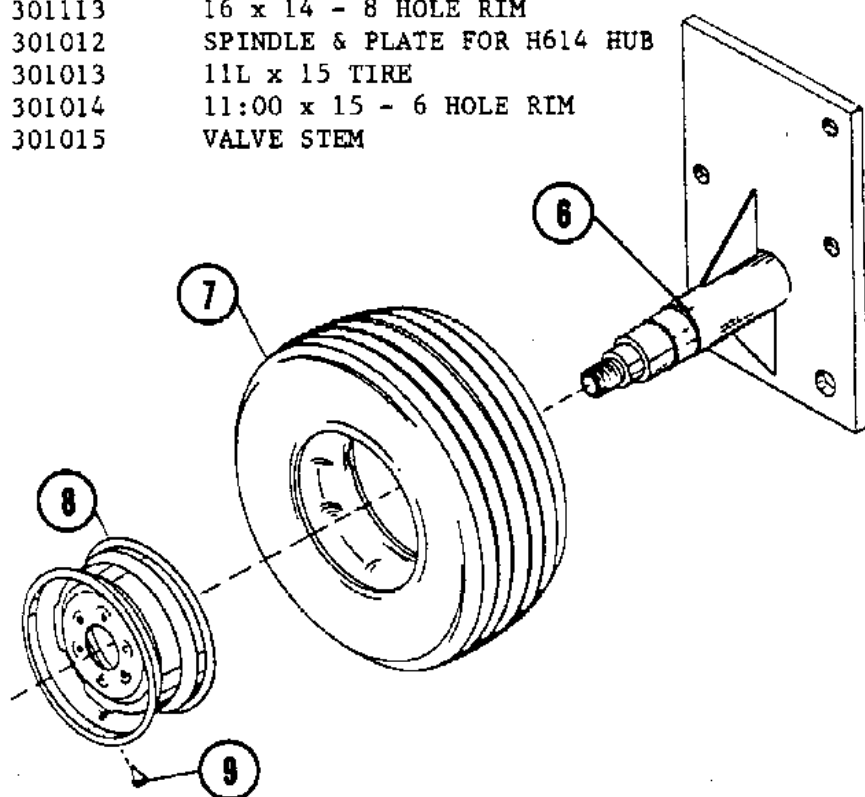


NO.	PART NO.	DESCRIPTION
1	503001	R-56 BUCKET
2	503002	R-56 DUMP PIPE
3	801007	1" x 4½" BOLT W/NUT UNC
4	801105	9/16" x 4½" BOLT W/NUT UNF
5	500201	PIPE CLAMP
6	203001	3" x 30" MONARCH CYL.

ROCK-MASTER



NO.	PART NO.	DESCRIPTION
1	500003	3/4" x 5" U-CLAMP W/NUTS
2	500004	SPINDLE & PLATE FOR H817 HUB
3	301106	H817 HUB
4	301112	16.5 x 16.1 FLOATATION TIRE
5	301113	16 x 14 - 8 HOLE RIM
6	301012	SPINDLE & PLATE FOR H614 HUB
7	301013	11L x 15 TIRE
8	301014	11:00 x 15 - 6 HOLE RIM
9	301015	VALVE STEM

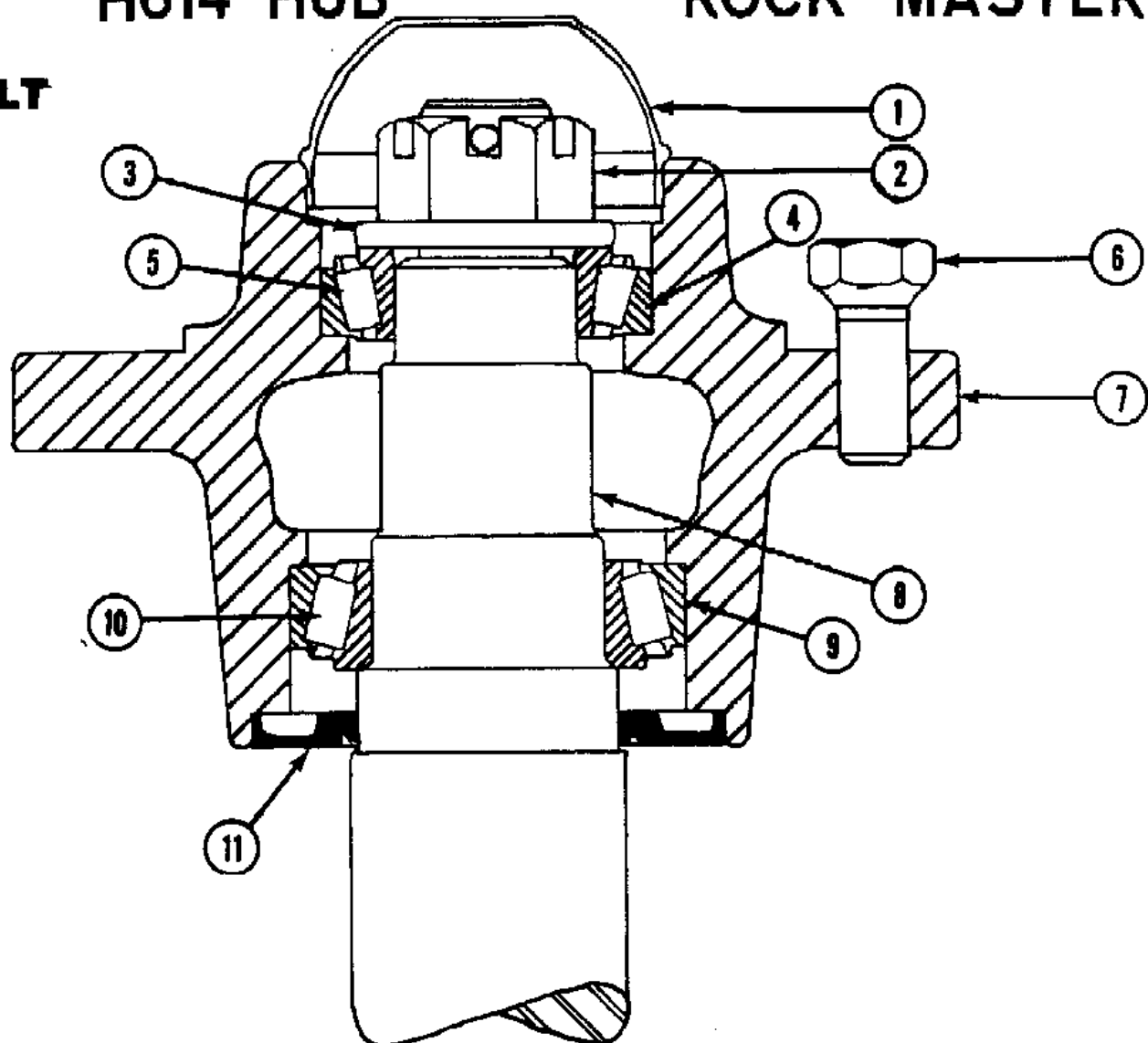


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H614 HUB

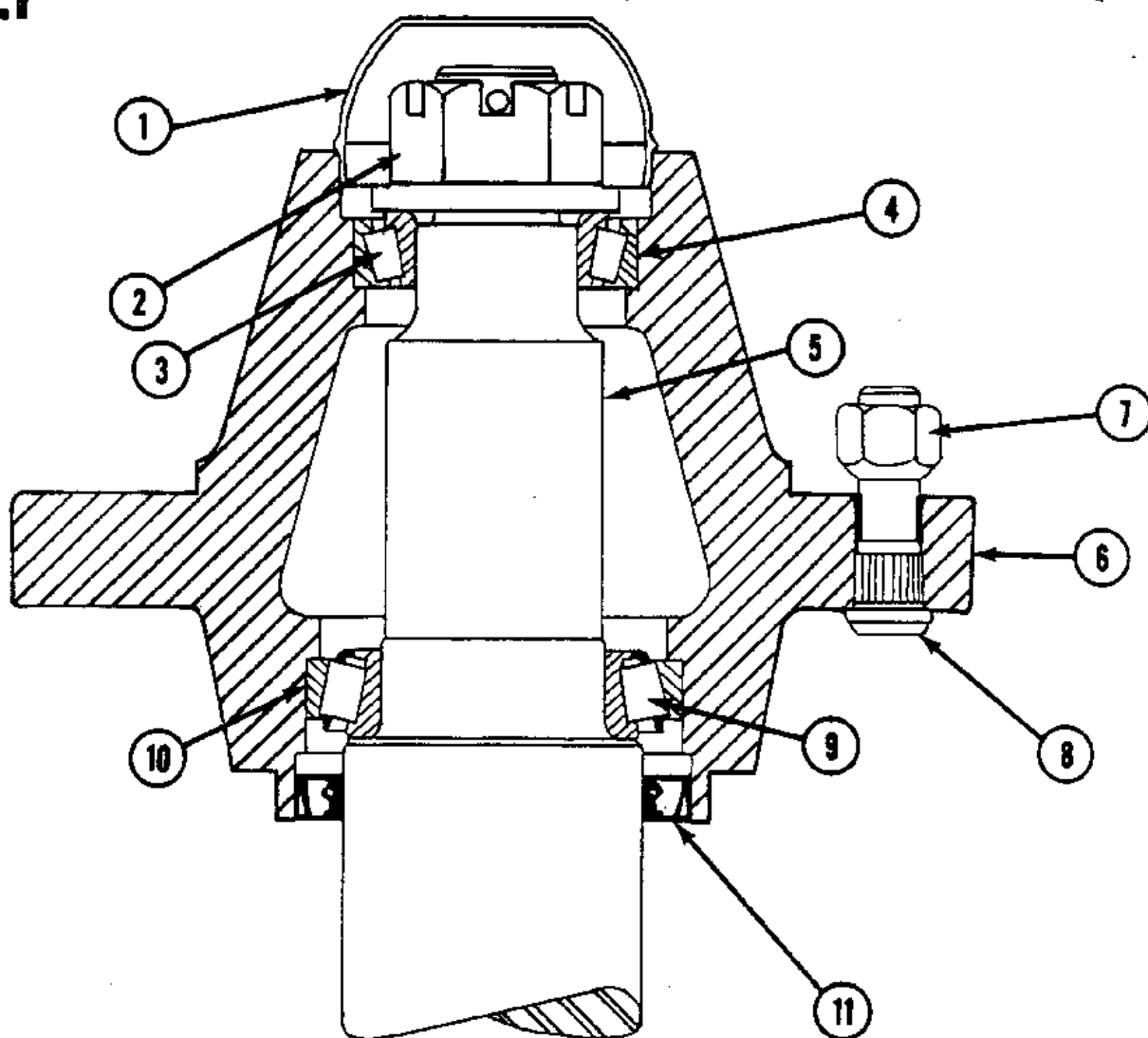
ROCK-MASTER

6-BOLT



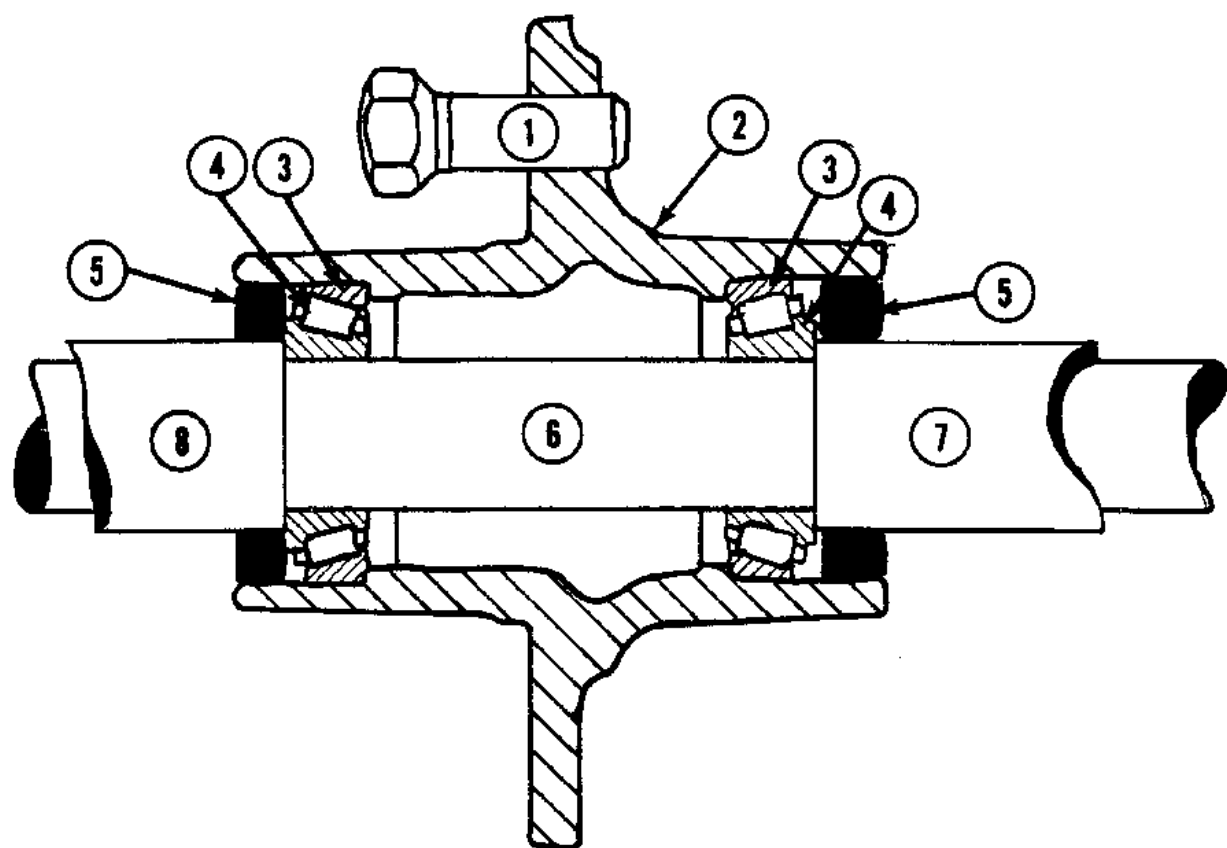
NO.	PART NO.	DESCRIPTION
1	301001	DC15 DUST CAP
2	301002	CASTELLATED NUT 1"- 14 UNS
3	301003	WA17 WASHER 1" I.D. x 2" O.D.
4	301004	LM48510 OUTER CUP
5	301005	LM48548 OUTER CONE
6	301006	WB12 WHEEL BOLT 9/16" - 18 UNF x 1 1/4"
7	301007	H614 HUB
8	301008	SE16 SPINDLE ONLY
9	301009	LM603012 INNER CUP
10	301010	LM603049 INNER CONE
11	301011	SE16 GREASE SEAL

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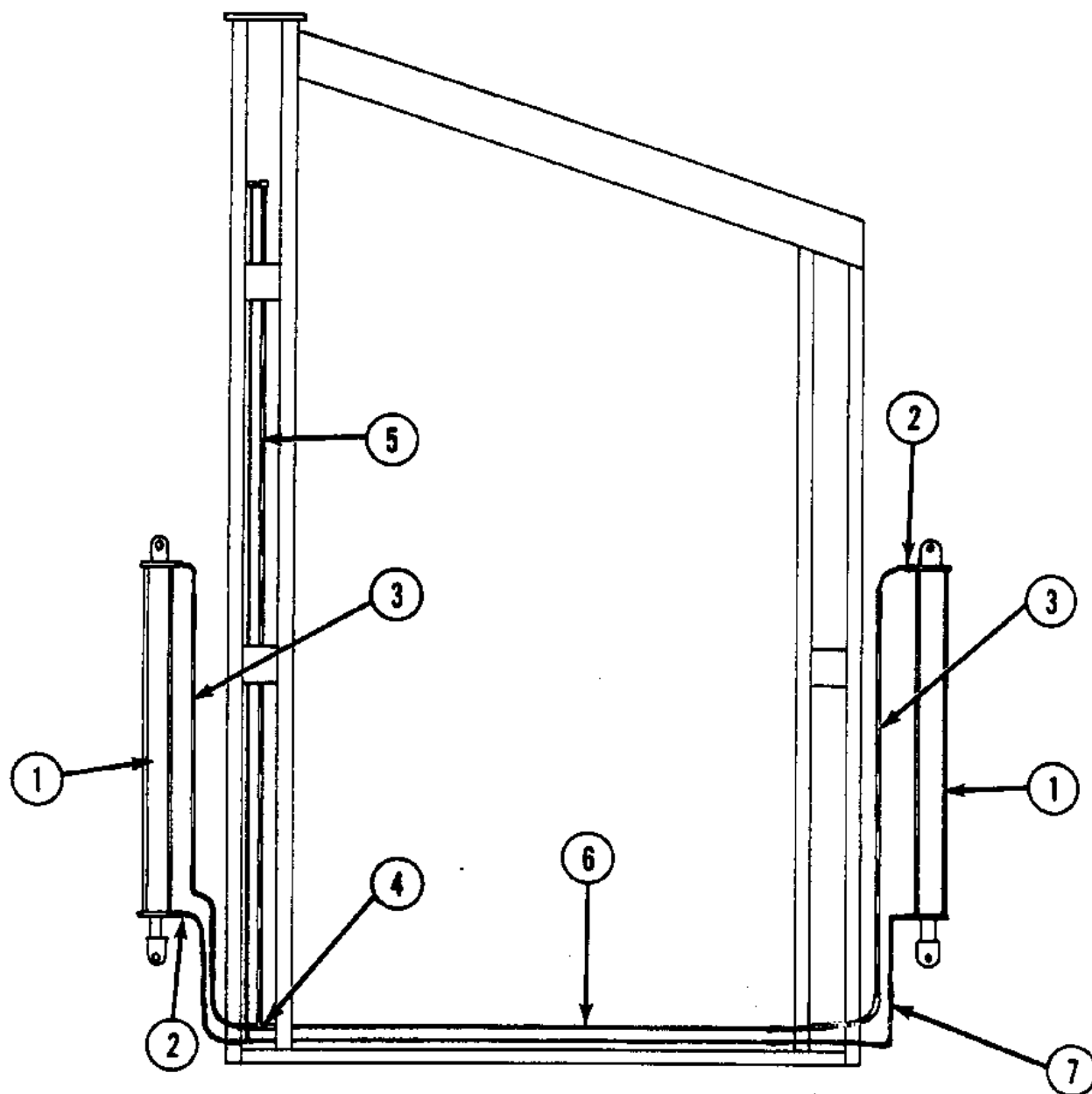
8-BOLT**ROCK-MASTER**

NO.	PART NO.	DESCRIPTION
1	301101	DC26 DUST CAP
2	301102	CASTELLATED NUT 1 1/2 - 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 2 1/2
9	301109	387AS INNER CONE
10	301110	382A INNER CUP
11	301111	SE42 GREASE SEAL

4-BOLT HD211



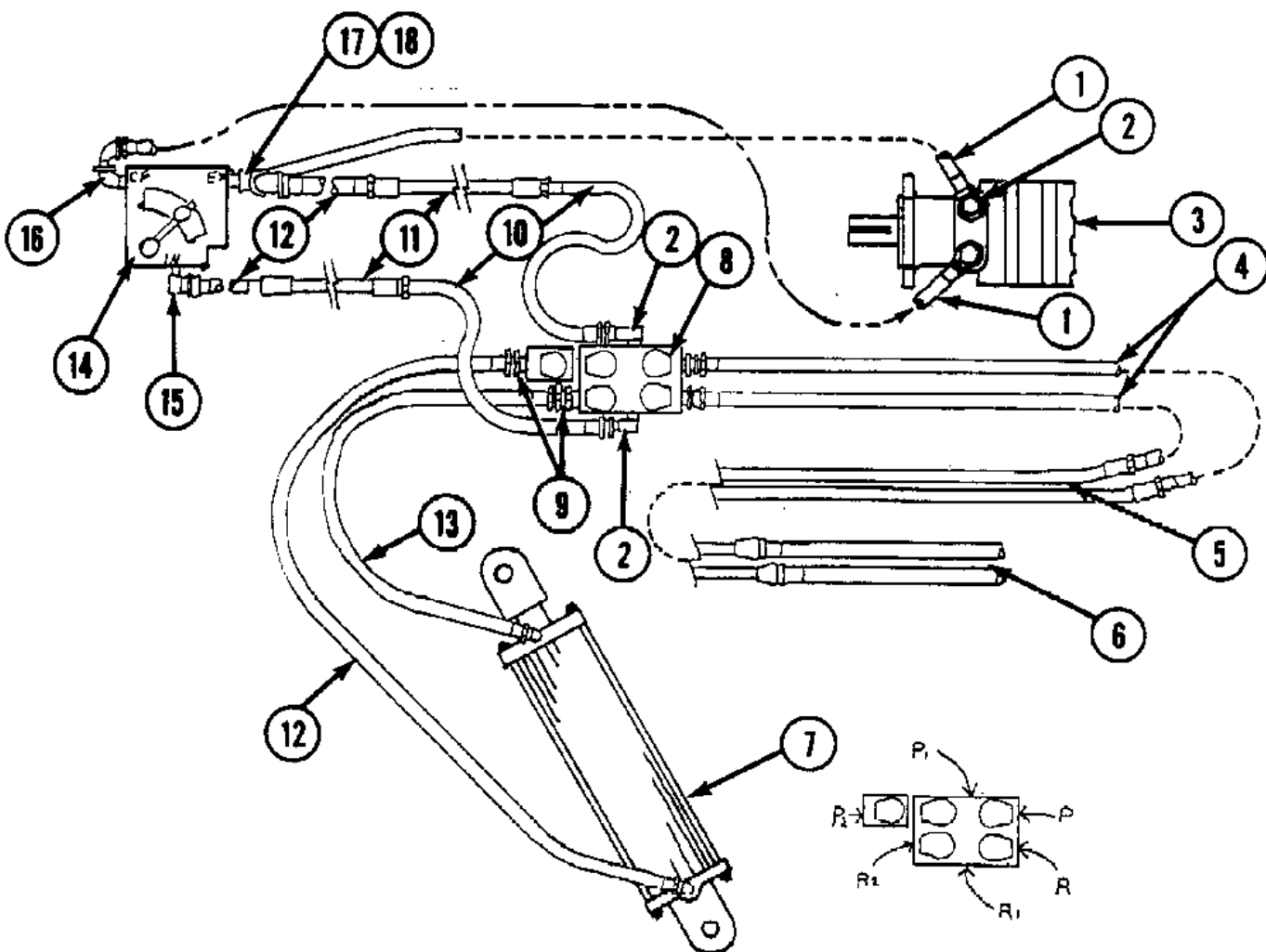
NO.	PART NO.	DESCRIPTION
1	301204	WB10 ½"-20 UNF x 1½" WHEEL BOLT
2	301203	HD211 4-BOLT WHEEL HUB ONLY
3	301205	L44610 CUP
4	301206	L44643 CONE
5	301207	SE10 GREASE SEAL
6	801011	1" x 9" UNC BOLT W/NUT
7	301208	1" I.D. x 2" L SPACER
8	301209	1" I.D. x 1½" L SPACER



NO.	PART NO.	DESCRIPTION
1	203001	3" x 30" MONARCH HYD. CYL.
2	601207	849-FS-08x08 1/2" HYD. FITTING
	601209	849-FS-08x06 3/8" HYD. FITTING
3	601006	3/8" x 40" HYD. HOSE
4	601208	872-FS-08 HYD. FITTING
5	601103	120" HYD. TUBING
6	601104	79" HYD. TUBING

ROCK-MASTER

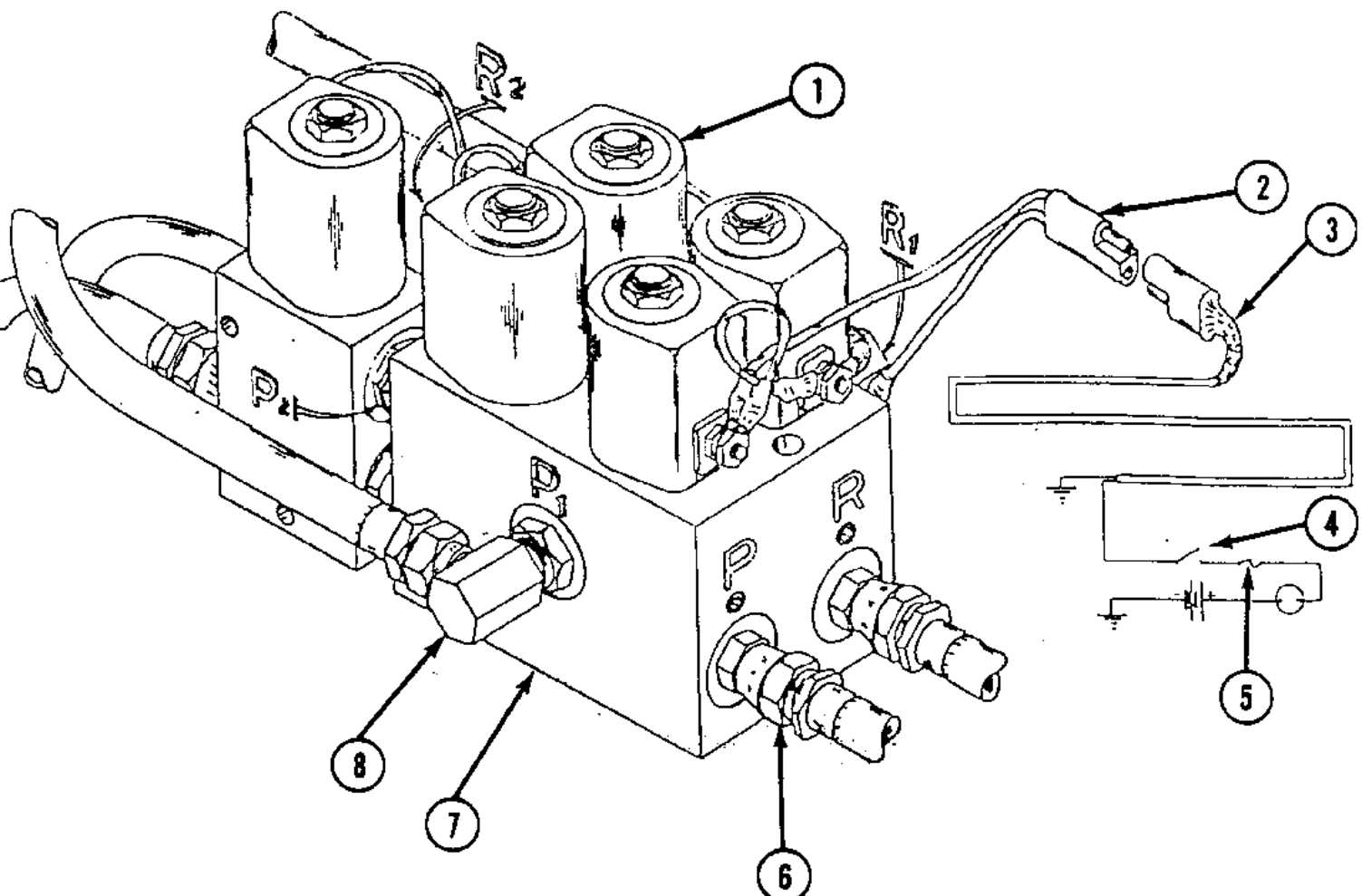
SIDEWINDER HYDRAULIC LAYOUT



NO.	PART NO.	DESCRIPTION
1	601001	3/8" x 16" HYD. HOSE
2	601202	849-FSO-08x08 HYD. FITTING
3	601301	ROLLER STATOR MOTOR
4	601002	3/8" x 26" HYD. HOSE
5	601101	36" HYD. TUBING
6	601103	3/8" x 108" HYD. HOSE
7	200901	4" x 10" HYD. CYL. COMPLETE
8	601401	SOLENOID SELECTOR VALVE
9	601201	848-FSO-08x08 HYD. FITTING
10	601004	3/8" x 18" HYD. HOSE
11	601102	60" HYD. TUBING
12	601005	3/8" x 36" HYD. HOSE
13	601004	3/8" x 18" HYD. HOSE
14	601403	VARIABLE FLOW CONTROL
15	601203	1/2" x 90° SWIVEL
16	601204	1/2" STREET ELBOW
17	601205	1/2" NIPPLE
18	601206	1/2" TEE

ROCK-MASTER

SIDEWINDER SOLENOID VALVE



NO.	PART NO.	DESCRIPTION
1	601402	SOLENOID COIL
2	401802	WC740 WIRING HARNESS
3	401803	WC490 WIRING HARNESS
4	401804	SINGLE POLE-PULL SWITCH
5	401805	IN-LINE FUSE
6	601201	848-FSO-08x08 HYD. FITTING
7	601401	SOLENOID VALVE COMPLETE
8	601202	849-FSO-08x08 HYD. FITTING

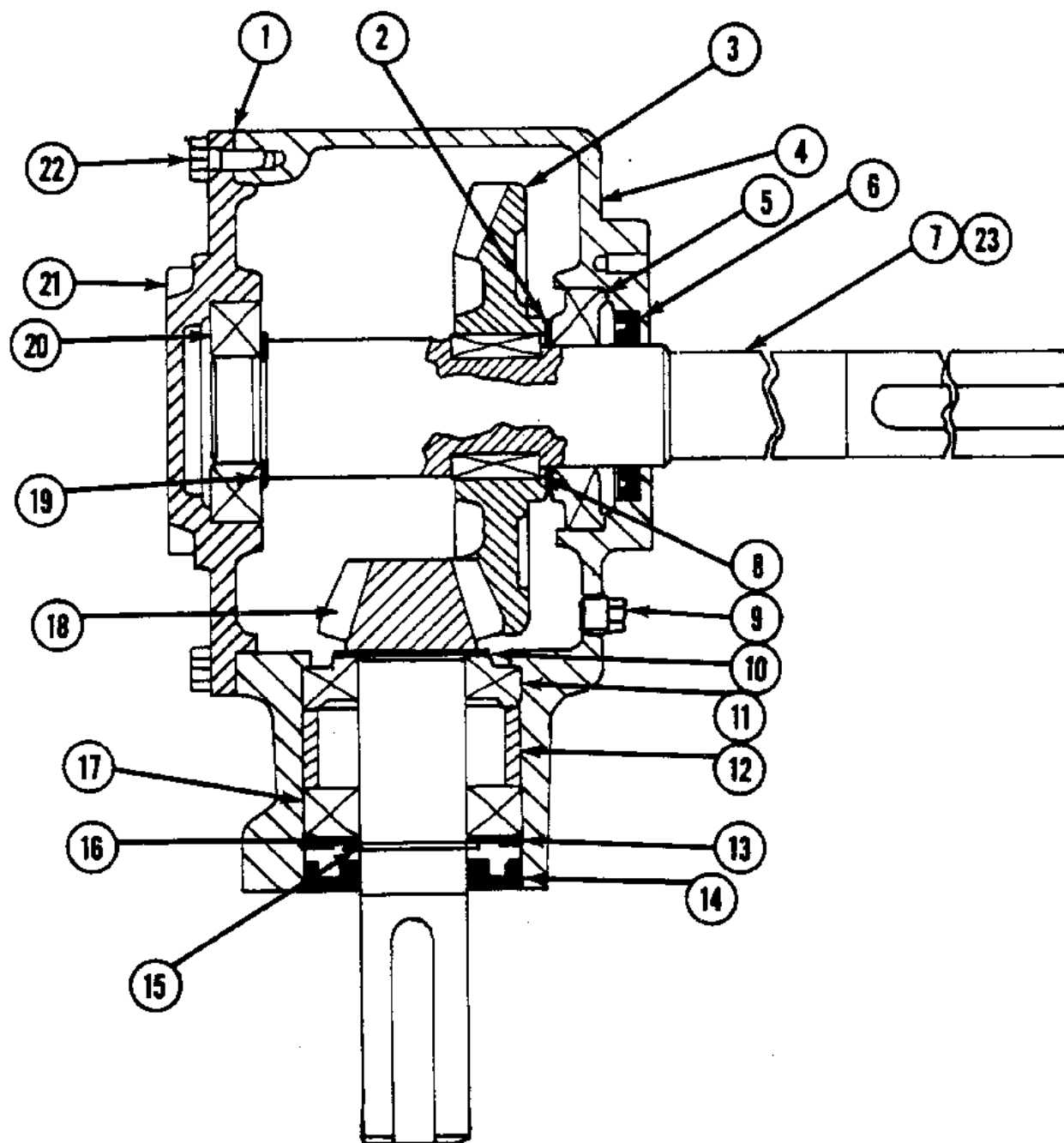
1. Mount pull switch to tractor dash.
2. Power switch from "live when on" ignition terminal through in-line fuse.
3. Connect wire cable (WC490) harness to switch and add (WC740) cables.
4. Locate a good ground under dash for ground wire in harness.
5. CHECK - switch "OFF" Orbit motor activated, "ON"-Lift cylinder activated.

CAUTION

If switch is wired to a constantly "live" source and tractor left shut-down for any extended time with the switch in the "on" position, it will discharge the tractor battery.

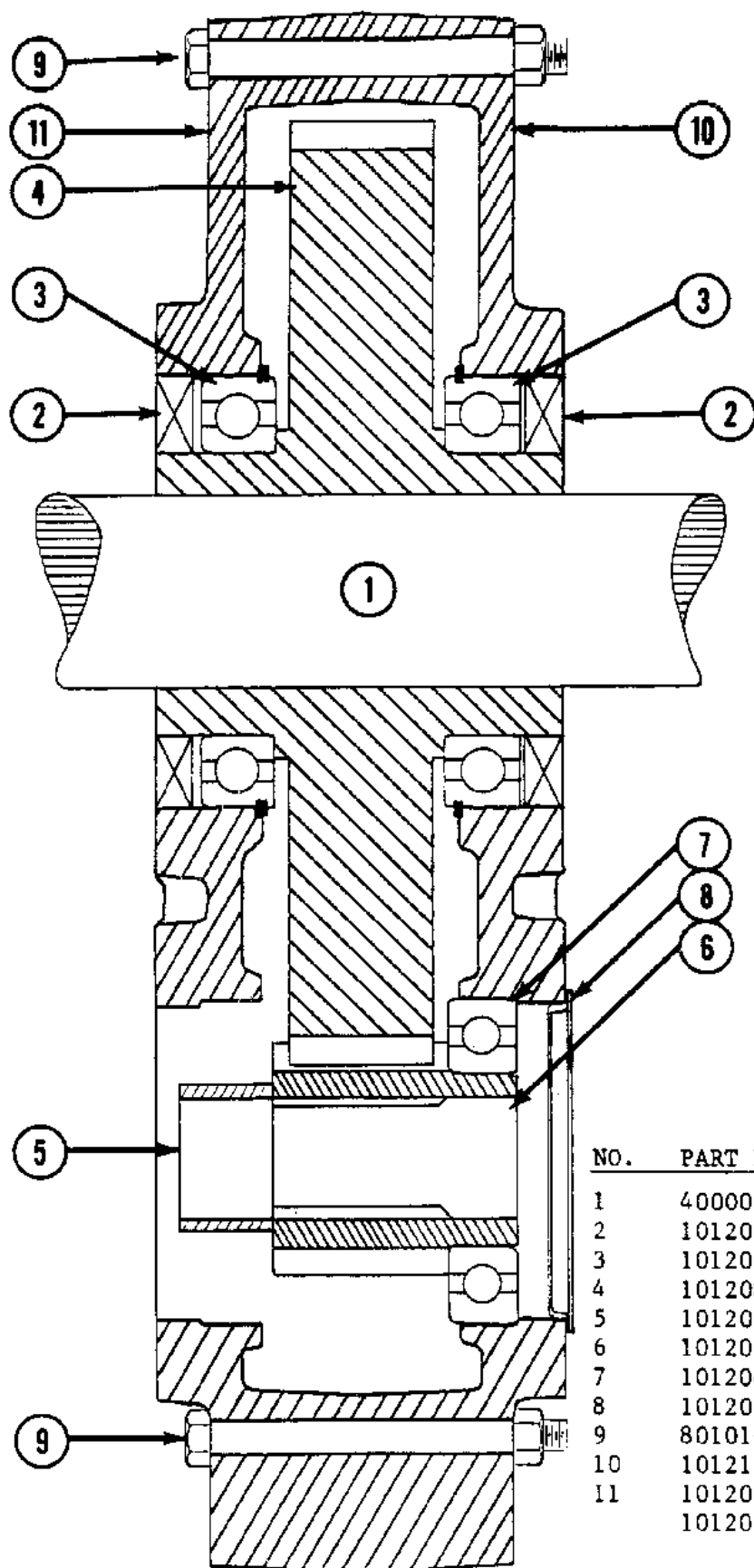
ROCK-MASTER

CÓMER SINGLE DRIVE GEARBOX



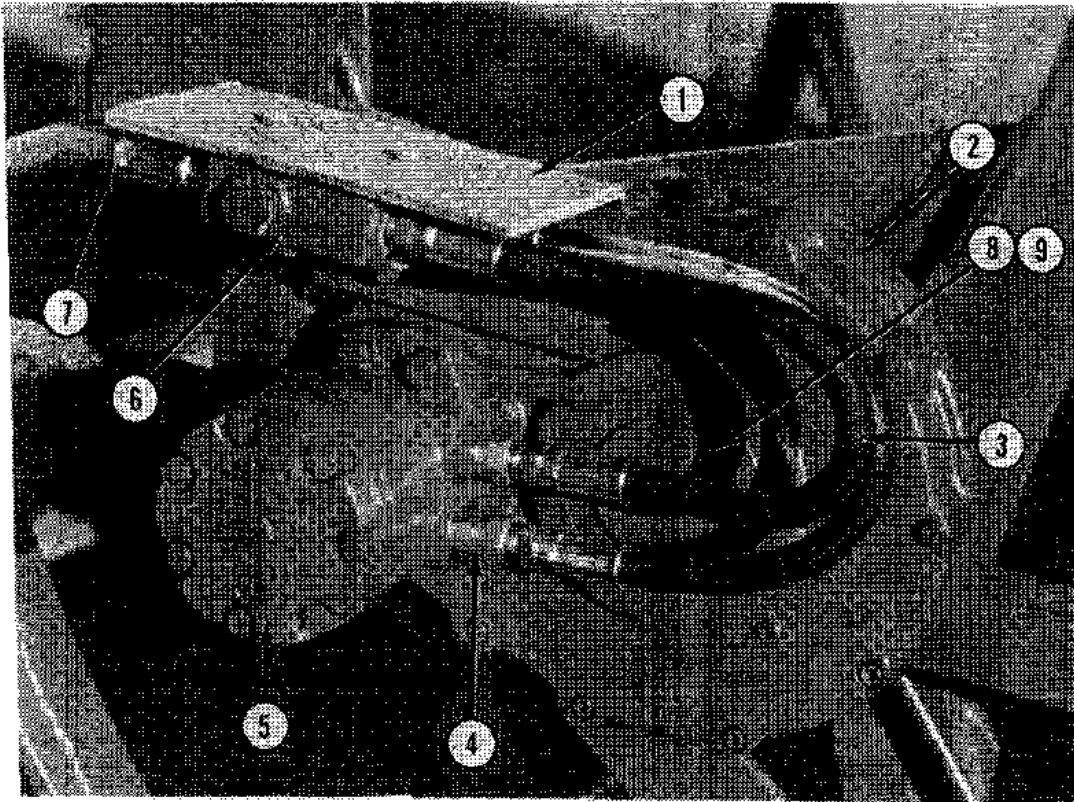
ROCK-MASTER

<u>NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
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



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

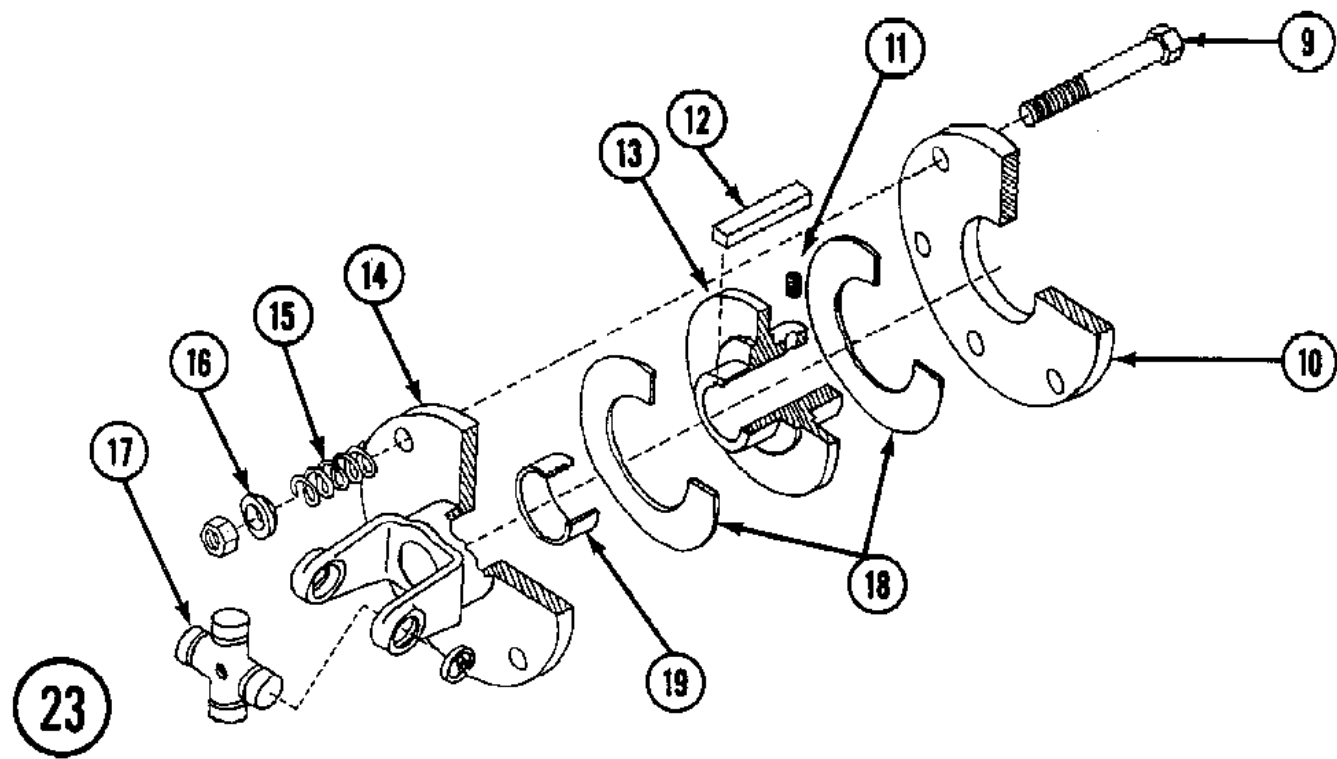
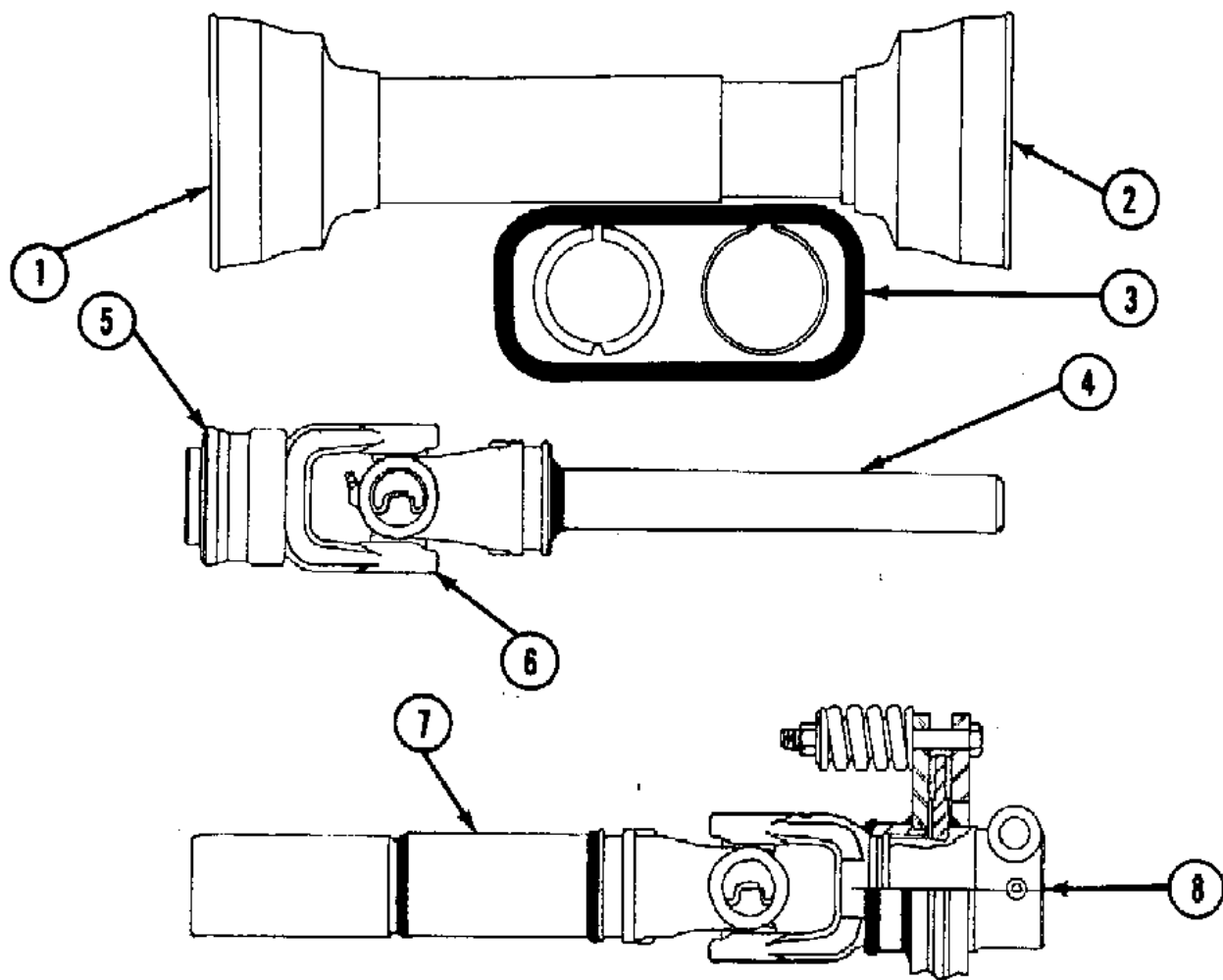
ROCK-MASTER



<u>NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
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

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

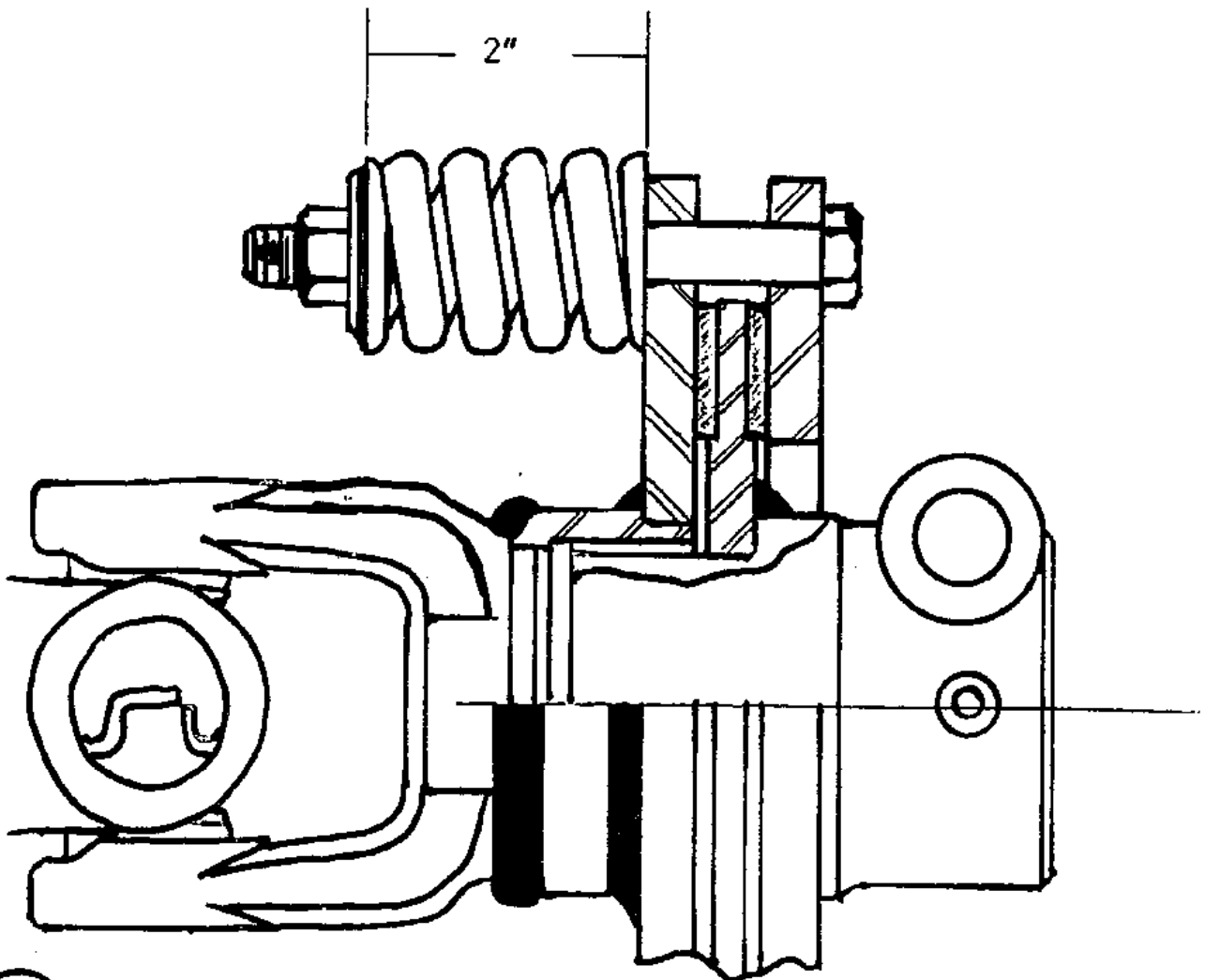
"6000 CLUTCH"

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

STORAGE

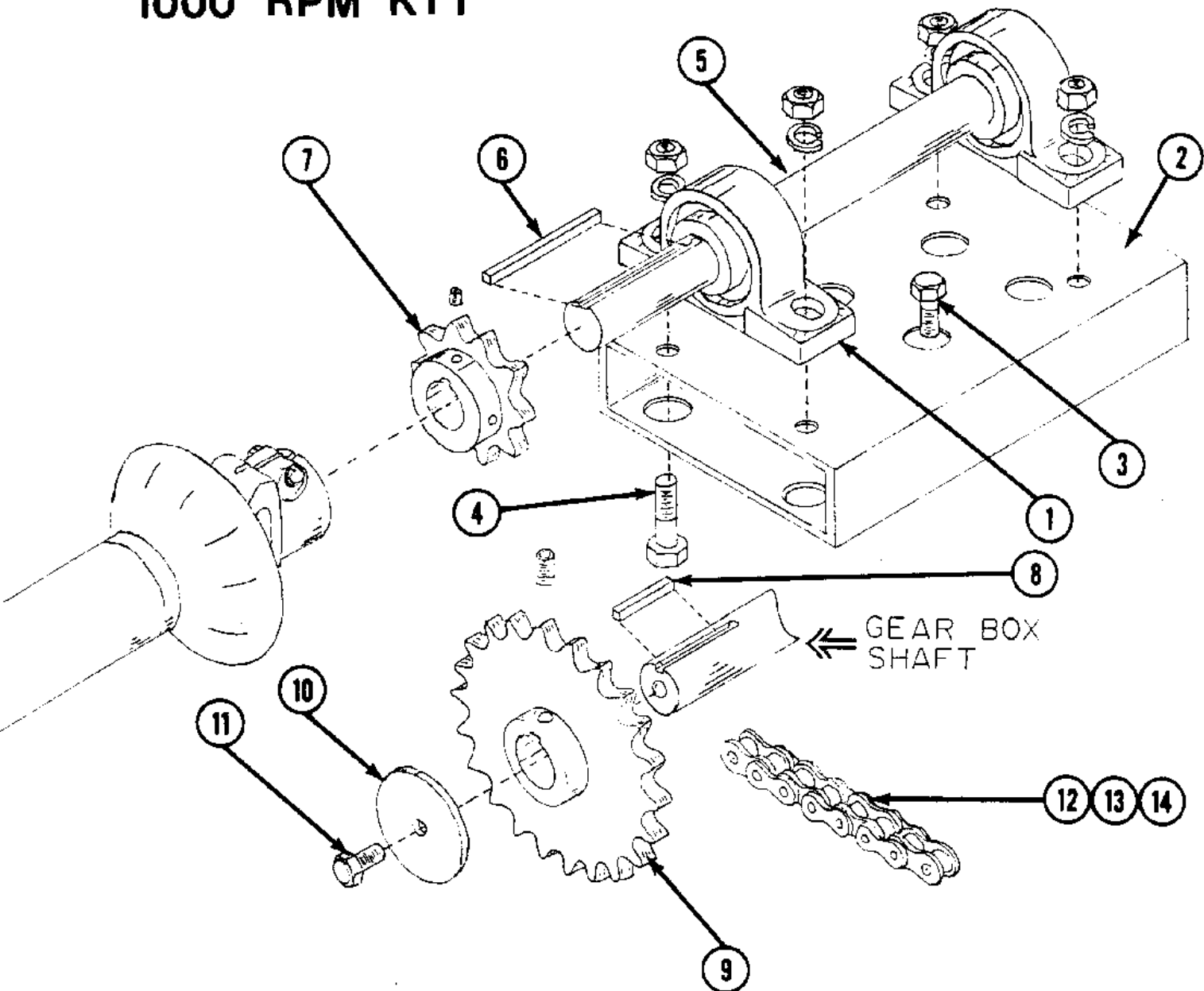
WHEN YOUR MACHINE IS GOING TO BE INACTIVE ON A SEASONAL BASIS, IT IS ADVISED TO LOOSEN OR REMOVE THE CLUTCH FACINGS, TO AVOID RUST FORMING AND MAKING THEM INOPERATIVE.

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



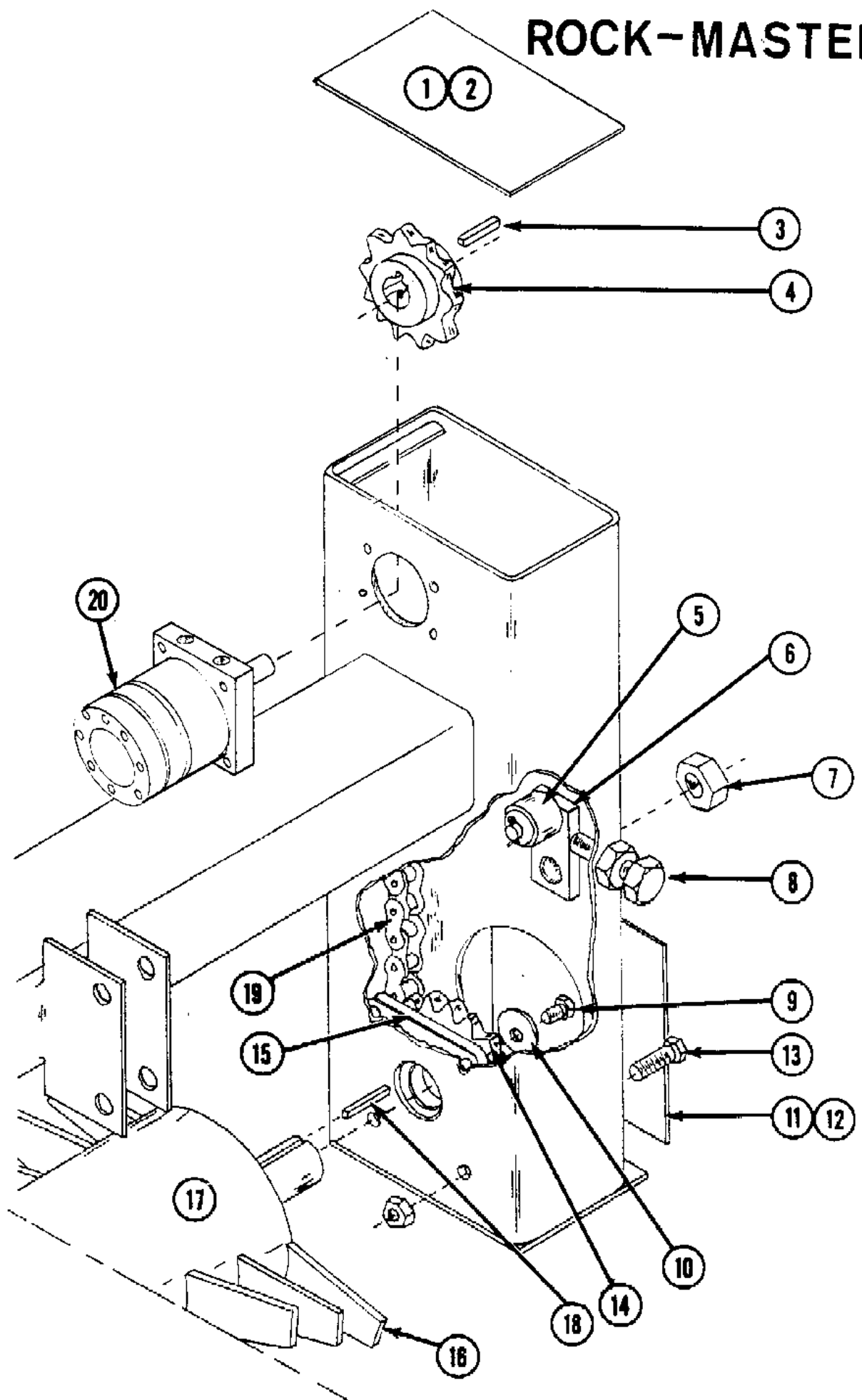
ROCK-MASTER

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 <i>x 48 Pins</i>
13	702006	#60 CONNECTOR LINK
14	702007	#60 1/2 LINK
	400021	1000 RPM KIT COMPLETE

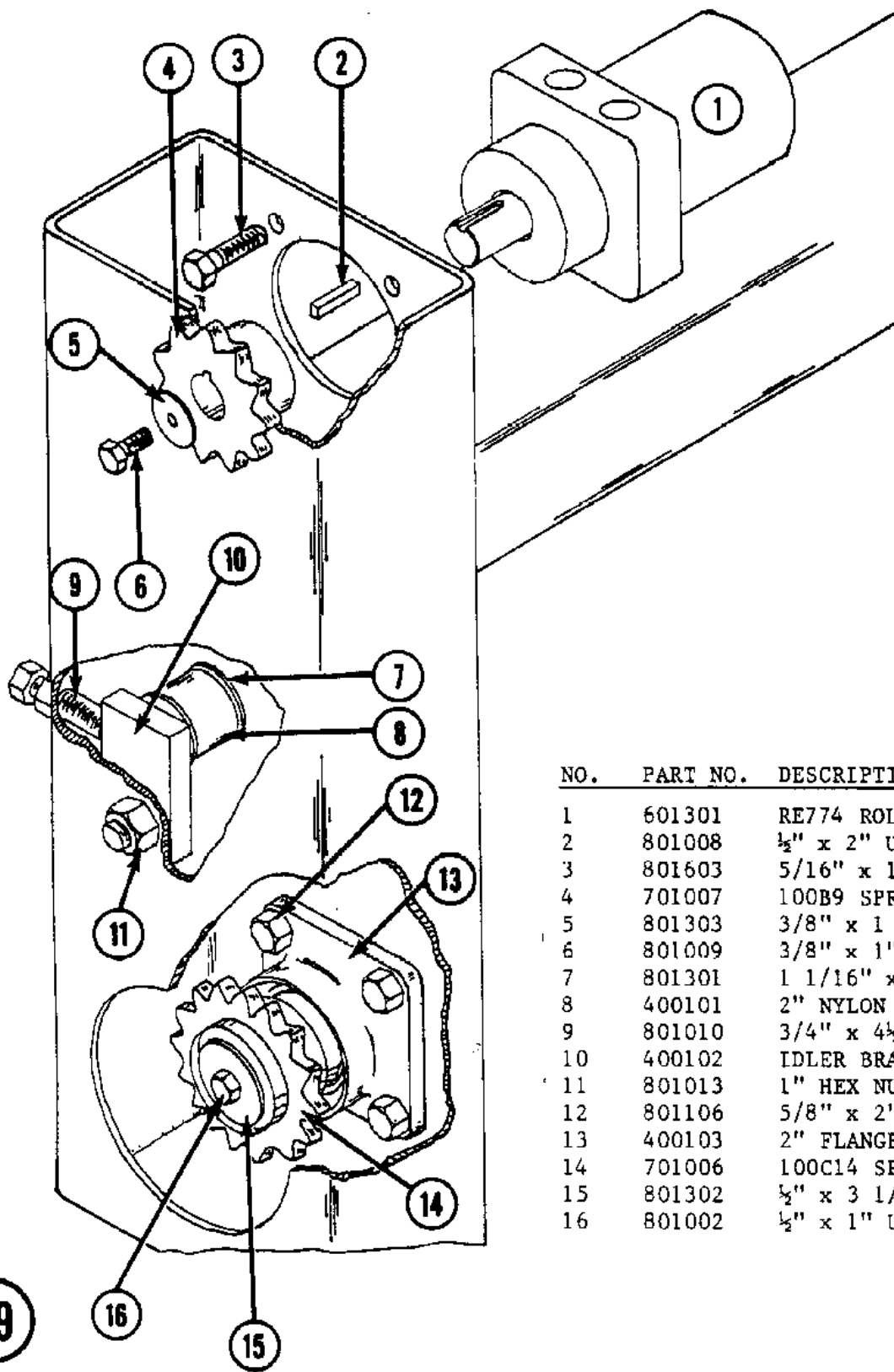
ROCK-MASTER



ROCK-MASTER

<u>NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	500008	TOP CASE COVER
2	500010	TOP CASE COVER GASKET
3	801602	5/16" X 2" KEY
4	701007	100B9 SPROCKET
5	400101	2" NYLON IDLER
6	400102	IDLER BRACKET
7	801013	1" UNC HEX NUT
8	801010	3/4" X 4 1/2" FULL THREAD BOLT W/NUT
9	801002	1/2" X 1 INC BOLT
10	801302	1/2" X 3 1/8 WASHER
11	500009	SIDE CASE COVER
12	500011	SIDE CASE COVER GASKET
13	801106	5/8" X 2" UNF BOLT W/NUT
14	701006	100C14 SPROCKET
15	400103	2" FLANGE PILLOW BLOCK COMPLETE
16	400105	DRUM TOOTH
17	401301	R.H. WING DRUM COMPLETE
18	801605	1/2" X 2" KEY
19	702004	ASA 100 CHAIN X PINS
20	601301	ROLLER STATOR RE774 HYD. MOTOR

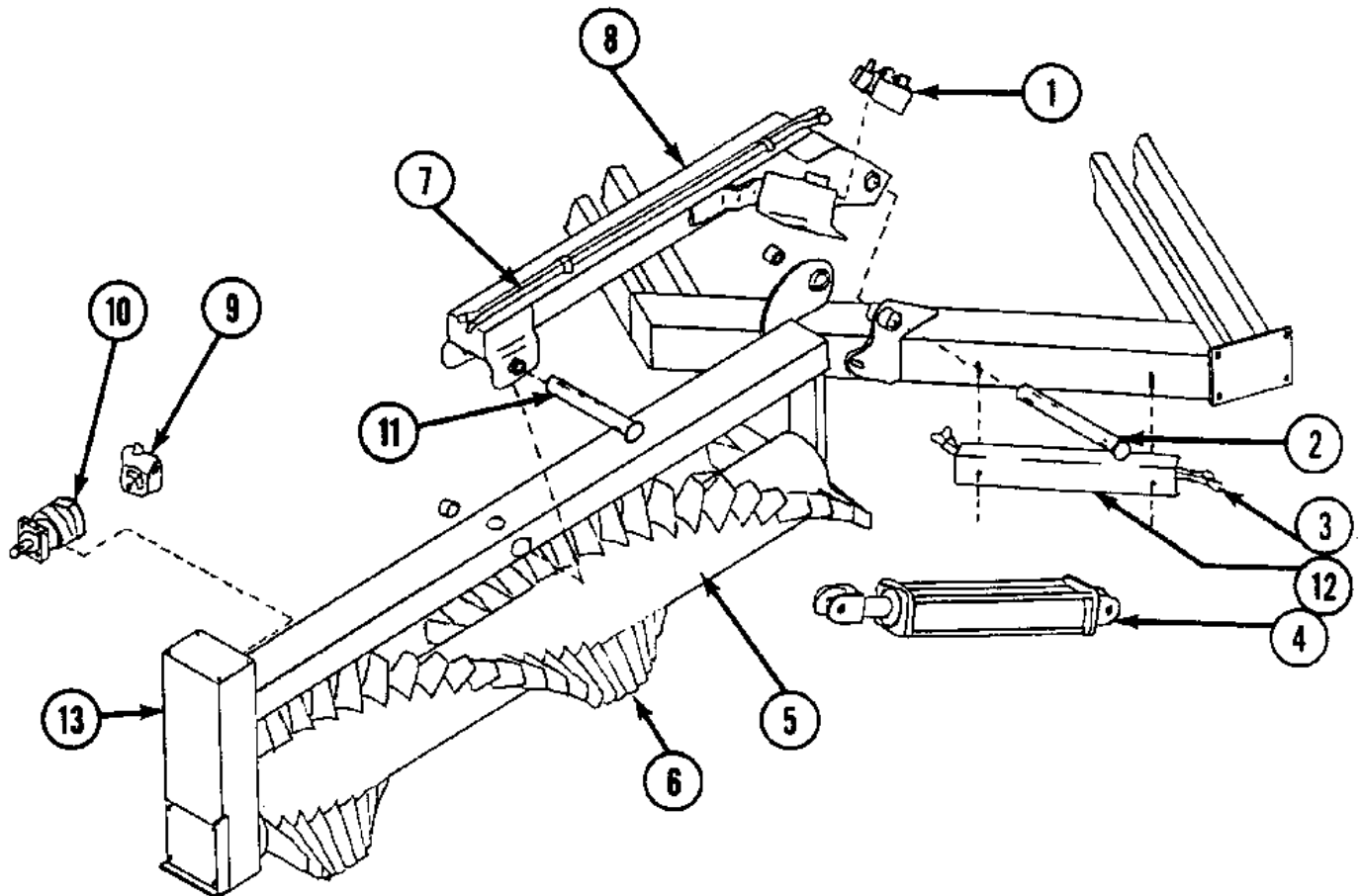
ROCK-MASTER



NO.	PART NO.	DESCRIPTION
1	601301	RE774 ROLLER STATOR MOTOR
2	801008	1/2" x 2" UNC BOLT W/NUT
3	801603	5/16" x 1 1/2" KEY
4	701007	100B9 SPROCKET
5	801303	3/8" x 1 7/16" WASHER
6	801009	3/8" x 1" UNC BOLT
7	801301	1 1/16" x 2 1/2" WASHER
8	400101	2" NYLON IDLER
9	801010	3/4" x 4 1/2" FULL THREAD BOLT W/NUT
10	400102	IDLER BRACKET
11	801013	1" HEX NUT UNC
12	801106	5/8" x 2" BOLT W/NUT
13	400103	2" FLANGE PILLOW BLOCK COMPLETE
14	701006	100C14 SPROCKET
15	801302	1/2" x 3 1/8" WASHER
16	801002	1/2" x 1" UNC BOLT

ROCK-MASTER

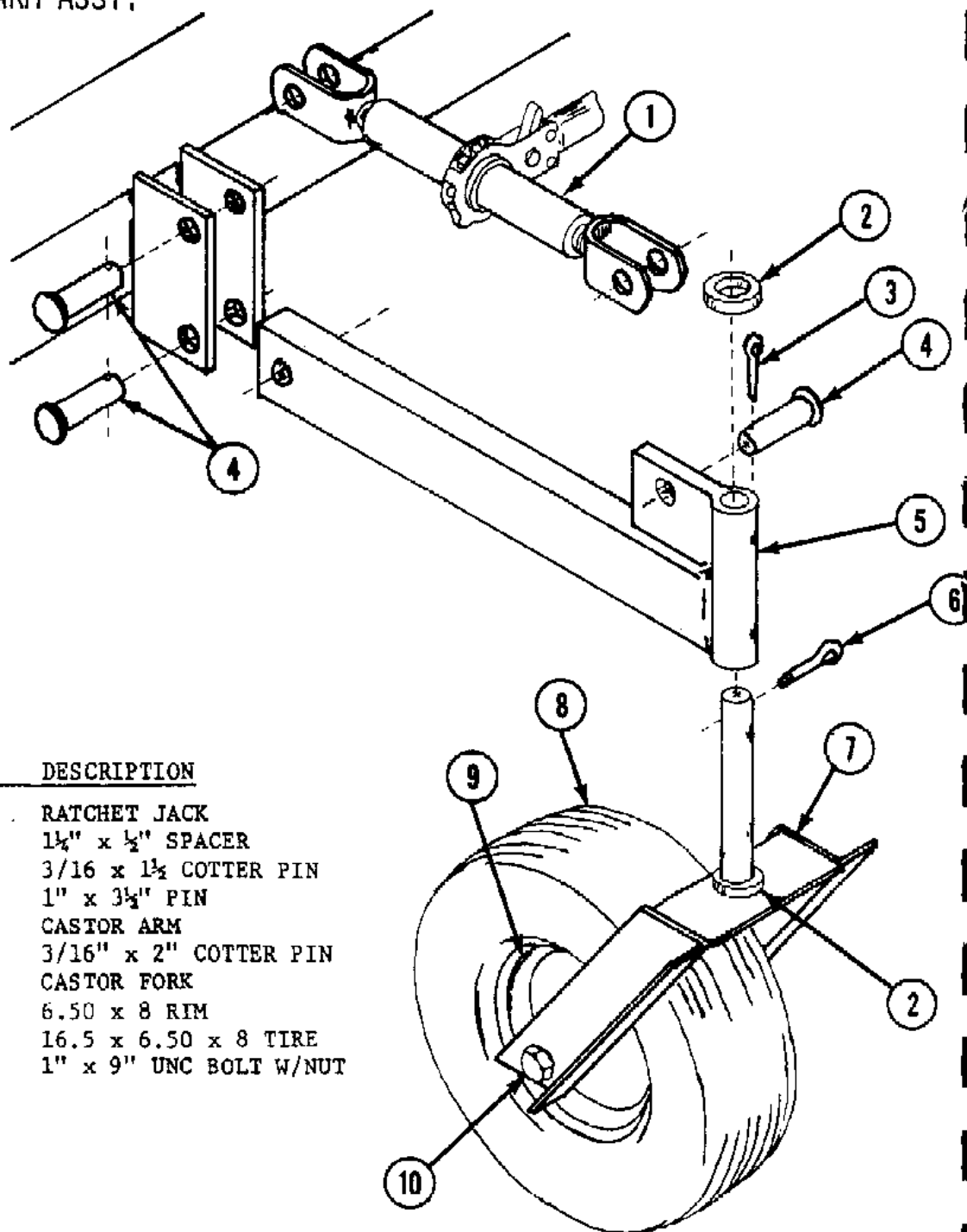
SIDEWINDER ASSEMBLY



NO.	PART NO.	DESCRIPTION
1	601401	SOLENOID VALVE COMPLETE
2	801202	15½" ARM PIN
3	601101	36" HYD. TUBING
4	200901	4" x 10" MONARCH CYL.
5	401301	RIGHT HAND DRUM
6	400105	DRUM TOOTH
7	601102	60" HYD. TUBING
8	501103	SIDEWINDER LIFT ARM
9	601403	VARIABLE FLOW CONTROL
10	601301	ROLLER STATOR MOTOR
11	801203	13" WING PIN
12	501104	HYD. TUBING GUARD
13	501105	S.W. WING DRUM FRAME

ROCK-MASTER

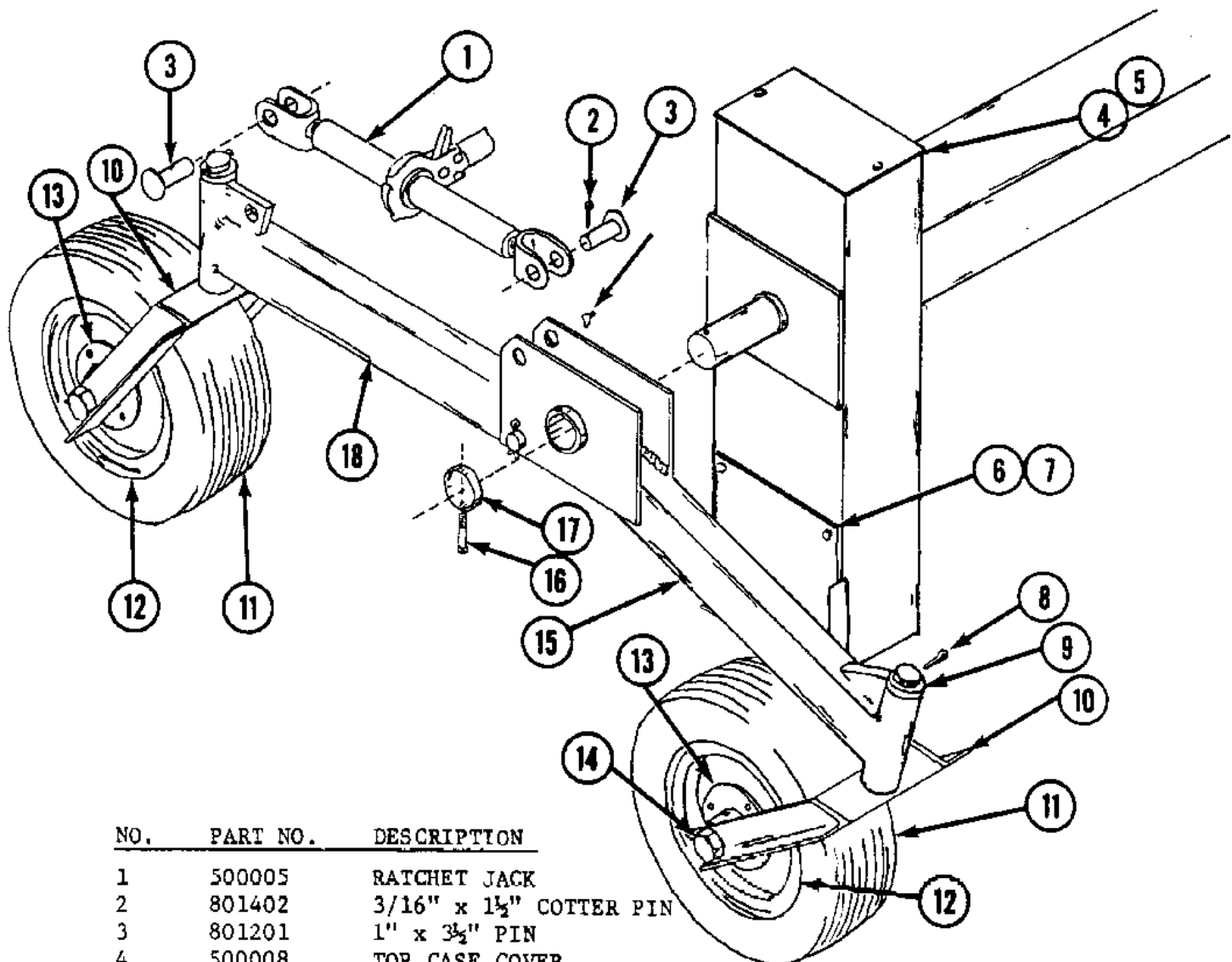
CASTOR & ARM ASSY.



NO.	PART NO.	DESCRIPTION
1	500005	RATCHET JACK
2	801304	1½" x ½" SPACER
3	801402	3/16" x 1½" COTTER PIN
4	801201	1" x 3½" PIN
5	500006	CASTOR ARM
6	801401	3/16" x 2" COTTER PIN
7	500007	CASTOR FORK
8	301201	6.50 x 8 RIM
9	301202	16.5 x 6.50 x 8 TIRE
10	801011	1" x 9" UNC BOLT W/NUT

ROCK-MASTER

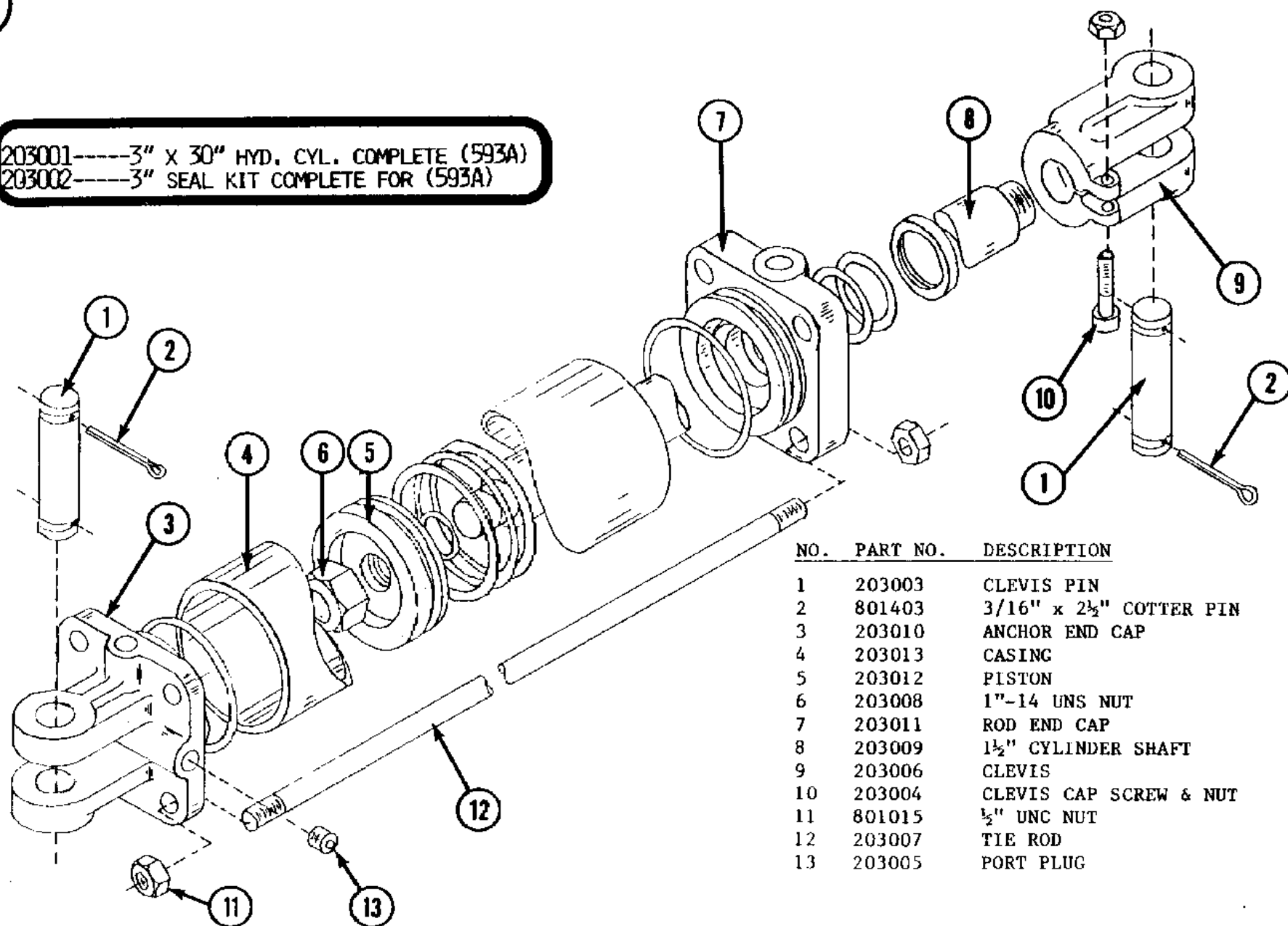
OSCILLATING DUAL CASTOR ASSY.



NO.	PART NO.	DESCRIPTION
1	500005	RATCHET JACK
2	801402	3/16" x 1 1/2" COTTER PIN
3	801201	1" x 3 1/2" PIN
4	500008	TOP CASE COVER
5	500010	TOP CASE GASKET
6	500009	SIDE CASE COVER
7	500011	SIDE CASE GASKET
8	801401	3/16" x 2" COTTER PIN
9	801304	1 1/2" x 1/2" SPACER WASHER
10	500007	CASTOR FORK
11	301202	16.5 x 6.50 x 8 TIRE
12	301201	6.50 x 8 RIM
13	301203	4-HOLE HUB
14	801011	1" x 9" UNC BOLT COMPLETE
15	500012	OSCILLATING FIXED ARM
16	801012	3/8" x 3 1/2" UNC BOLT COMPLETE
17	500013	PIN COLLAR
18	500006	CASTOR ARM
19	801701	1/8" GREASE NIPPLE

ROCK-MASTER

203001-----3" X 30" HYD. CYL. COMPLETE (593A)
 203002-----3" SEAL KIT COMPLETE FOR (593A)

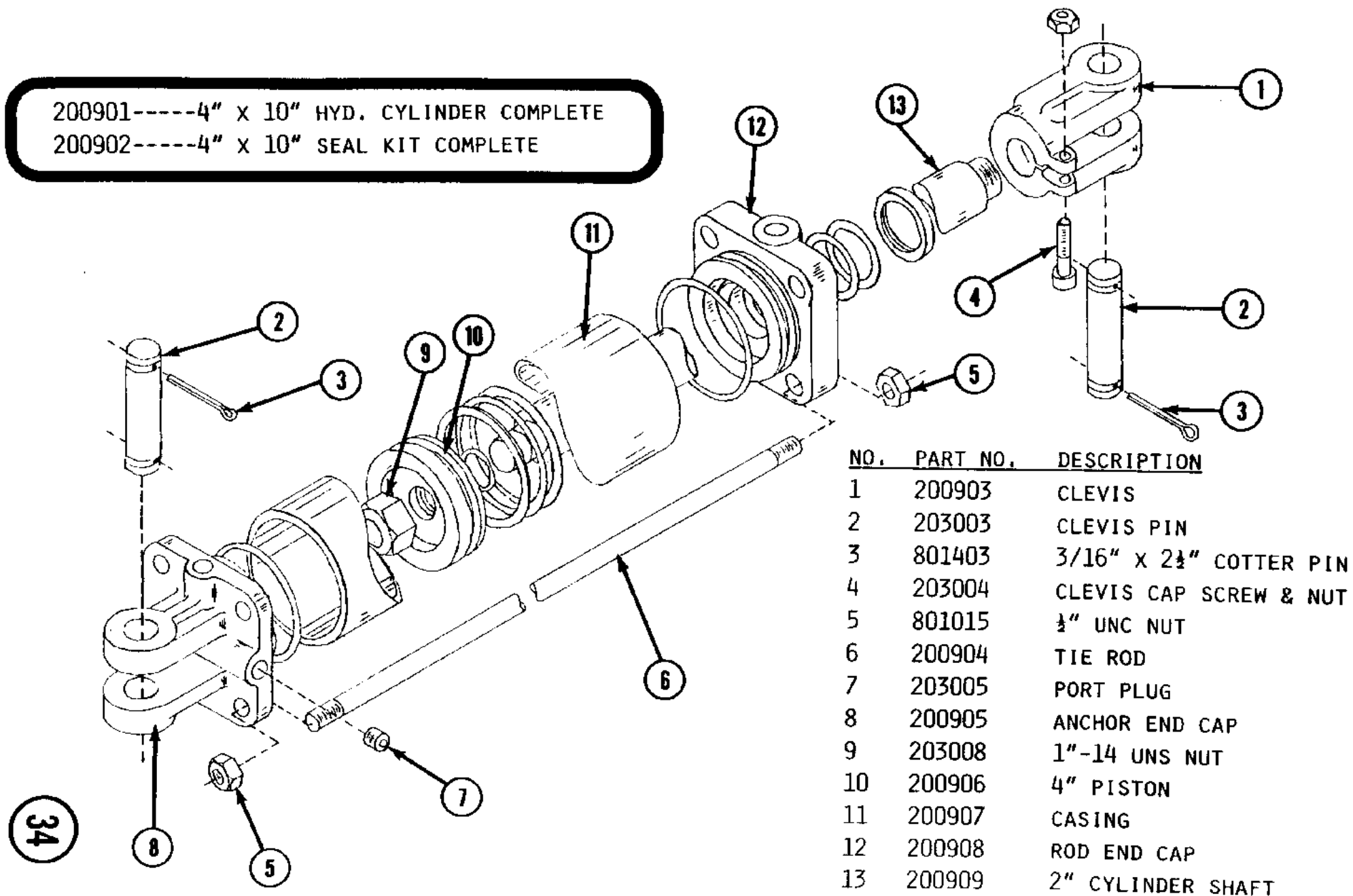


NO.	PART NO.	DESCRIPTION
1	203003	CLEVIS PIN
2	801403	3/16" x 2½" COTTER PIN
3	203010	ANCHOR END CAP
4	203013	CASING
5	203012	PISTON
6	203008	1"-14 UNS NUT
7	203011	ROD END CAP
8	203009	1½" CYLINDER SHAFT
9	203006	CLEVIS
10	203004	CLEVIS CAP SCREW & NUT
11	801015	½" UNC NUT
12	203007	TIE ROD
13	203005	PORT PLUG

ROCK-MASTER

200901-----4" X 10" HYD. CYLINDER COMPLETE

200902-----4" X 10" SEAL KIT COMPLETE



NO.	PART NO.	DESCRIPTION
1	200903	CLEVIS
2	203003	CLEVIS PIN
3	801403	3/16" X 2 1/2" COTTER PIN
4	203004	CLEVIS CAP SCREW & NUT
5	801015	1/2" UNC NUT
6	200904	TIE ROD
7	203005	PORT PLUG
8	200905	ANCHOR END CAP
9	203008	1"-14 UNS NUT
10	200906	4" PISTON
11	200907	CASING
12	200908	ROD END CAP
13	200909	2" CYLINDER SHAFT

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.....	1.52M (5' 6")
DUMP HEIGHT.....	1.37M (4' 6")
TIRES.....	11L x 15 OR 16.5 x 16.1
CYLINDERS.....	7.6 x 76.2 CM (3 x 30)
	10.2 x 25.4 CM (4 x 10)
CHAIN & SPROCKETS.....	NO. 80
PTO DRIVE.....	540 STD.
HYDRAULIC PRESSURE.....	175 KG/CM ² (2500 PSI)
BUCKET CAPACITY.....	1.25 M ³ (1.6 CU. YD.)
WEIGHT.....	2258 KG APPROX. (4980 IBS.)

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.

GREASE DAILY

- BOGEY WHEEL BEARINGS (6)
- DUMP PIPE BRACKETS (2)
- PTO UNIVERSAL JOINTS

CHECK DAILY

- ALL HYD. HOSES AND TUBINGS FOR LEAKS AND WEAR
- ALL HYD. CYLS FOR LEAKS
- TIRES FOR CORRECT AIR PRESSURE, CUTS OR NICKS
- ALL DRIVE CHAINS

WARNING

NEVER TRY TO RELEASE OR REMOVE STONES DTUCK BETWEEN THE REEL
BATS AND TINES FROM INSIDE THE FRAME OR BUCKET.

USE IF POSSIBLE A CHAIN, A LONG BAR OR PIECE OF WOOD, FROM
THE OUTSIDE OF THE PICKER.

BATS COULD BE UNDER TENSION & ONCE RELEASED COULD CAUSE SERIOUS
BODILY INJURY.

"REMEMBER": DON'T FORGET TO DISENGAGE THE PTO.

PLEASE BE SAFE, YOUR FAMILY IS WAITING FOR YOU.