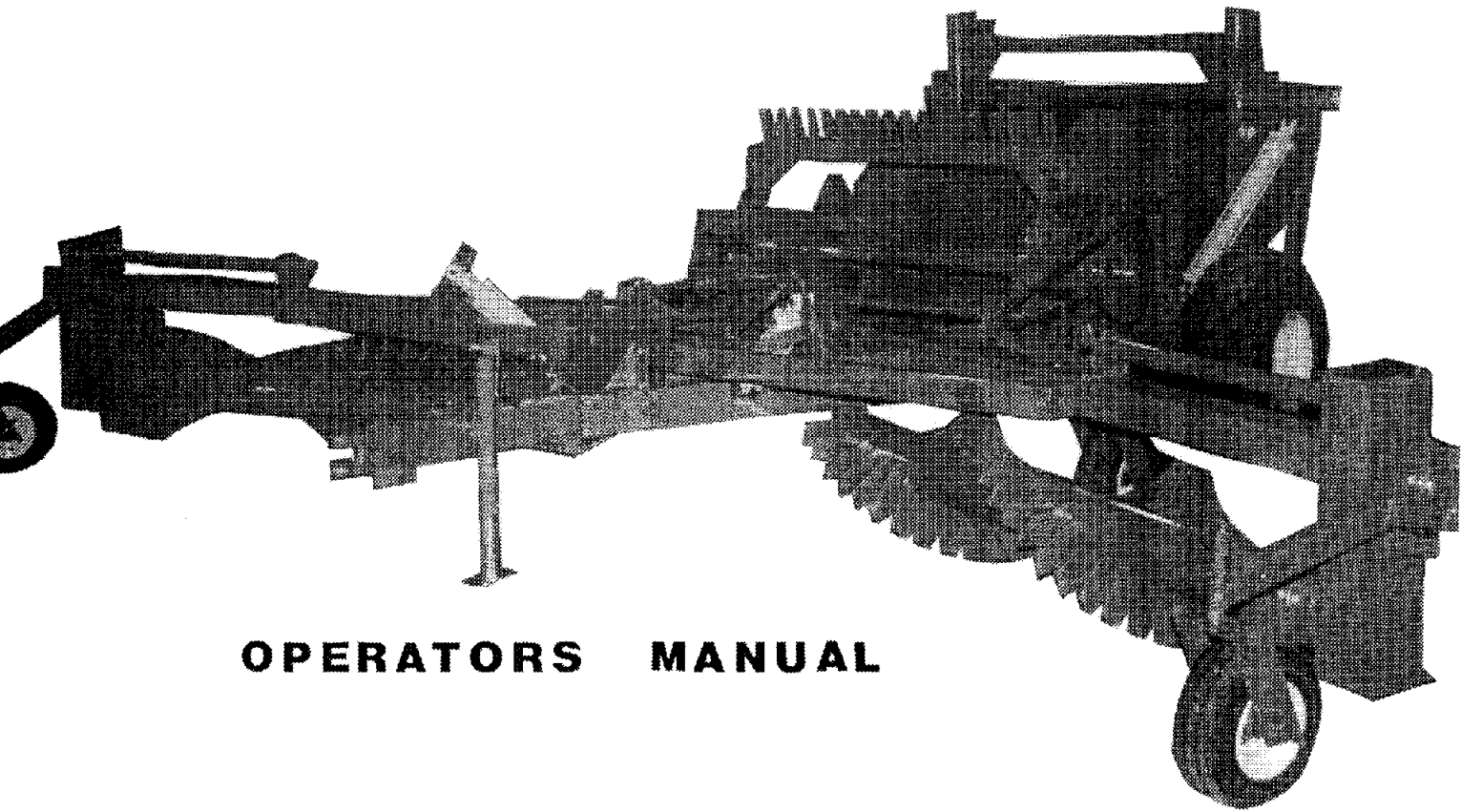


# ROCK-MASTER

## XL-W5



**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

YOUR MODEL XL-W5 ROCK-MASTER STONE PICKER WAS DESIGNED FOR EASE OF HANDLING IN THE TOUGHEST OF CONDITIONS.

THE XL-W5 WILL CLEAN YOUR FIELDS OF SMALL AND LARGE STONES FAST AND WITH THE GREATEST OF EASE.

THE ROCK-MASTER 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 THIS 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"

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# 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.

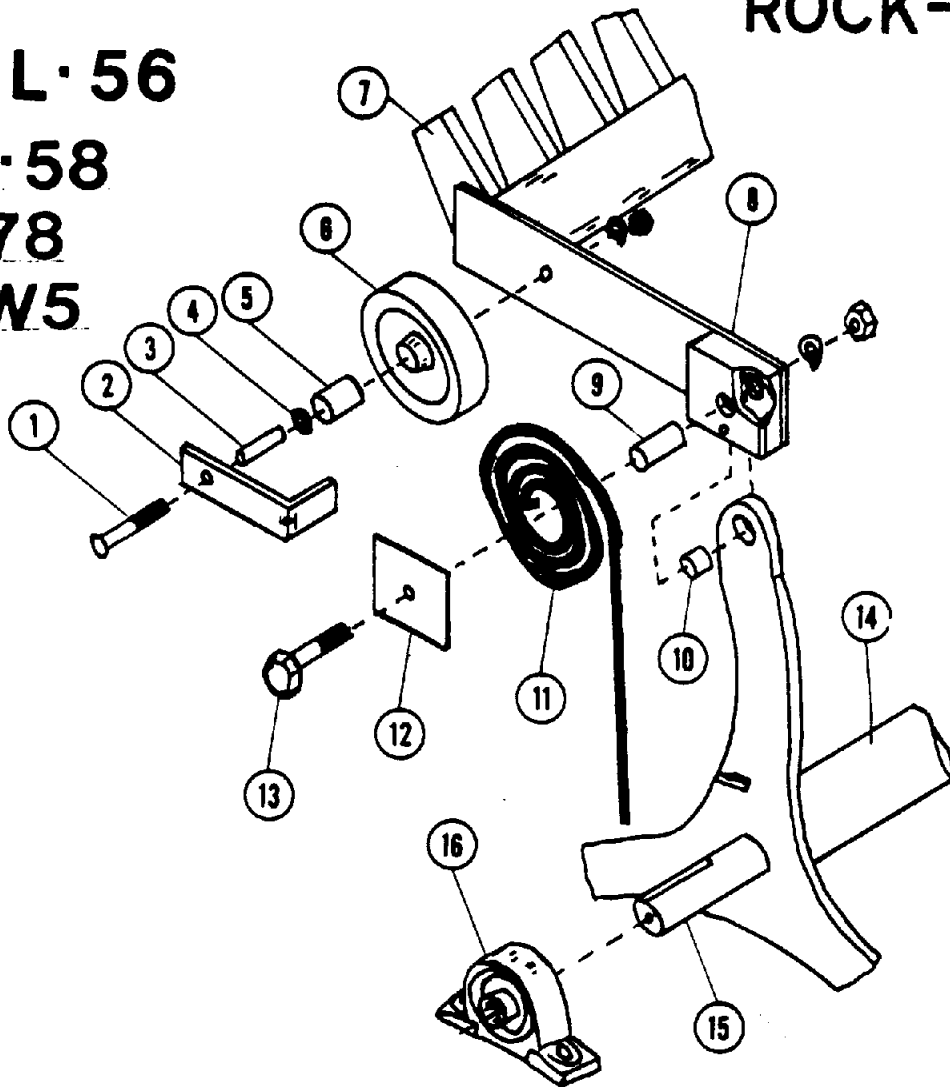
# ROCK-MASTER

**XL-56**

**XL-58**

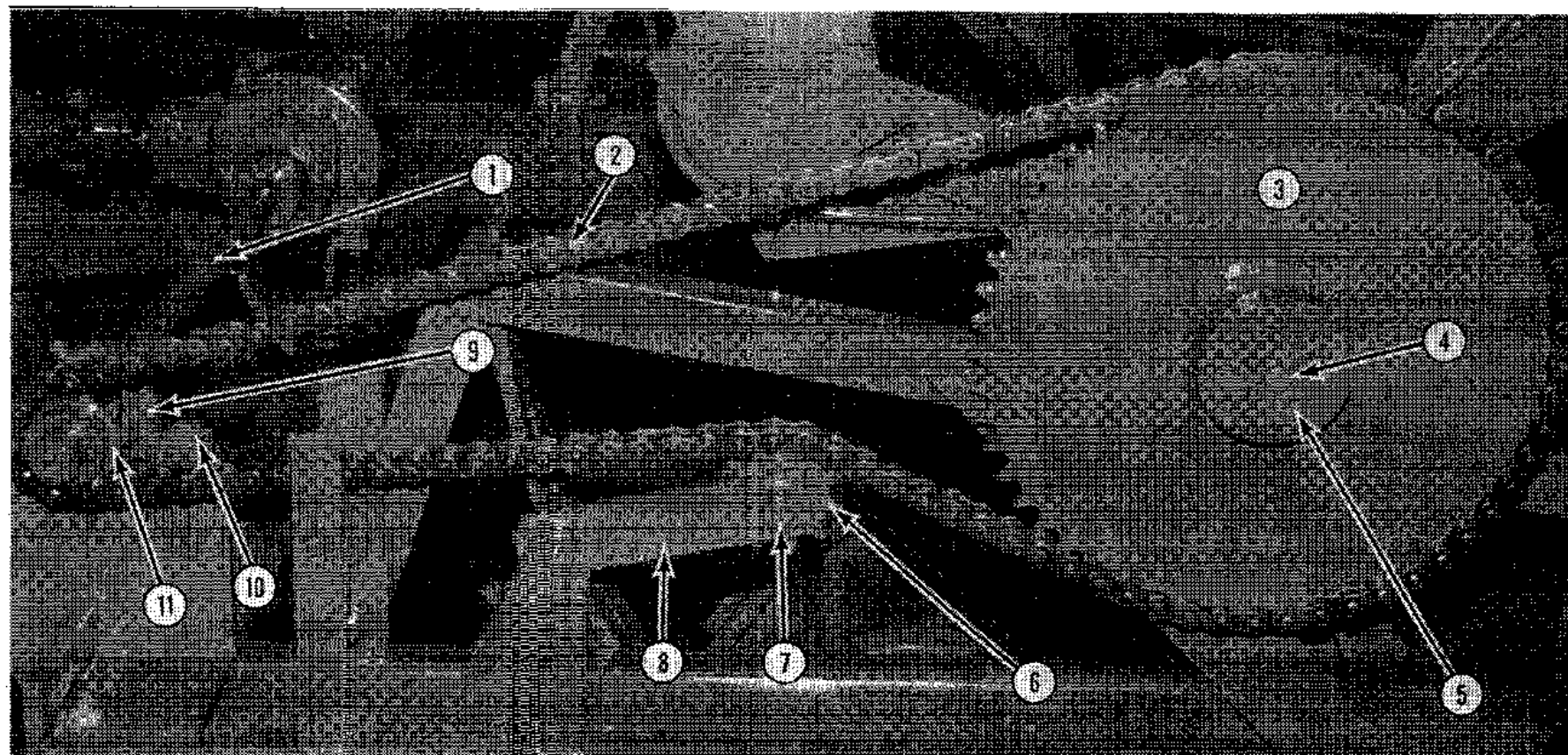
**XL-78**

**XL-W5**



| NO. | PART NO. |        | DESCRIPTION                    |
|-----|----------|--------|--------------------------------|
|     | XL-56/58 | XL-78  |                                |
| 1   | 801045   | same   | 5/8" x 4½" 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 3½" 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



| NO. | PART NO. | DESCRIPTION |
|-----|----------|-------------|
|-----|----------|-------------|

|   |        |                        |
|---|--------|------------------------|
| 1 | 401111 | 1 3/8" x 34 1/2" SHAFT |
| 2 | 702010 | # 80 CHAIN x 107 PINS  |
|   | 702002 | # 80 CONNECTOR LINK    |
|   | 702003 | # 80 HALF LINK         |
| 3 | 701002 | 80C50 SPROCKET         |
| 4 | 801002 | 1/2" x 1" BOLT         |
| 5 | 801302 | 1/2" x 3 1/8" WASHER   |

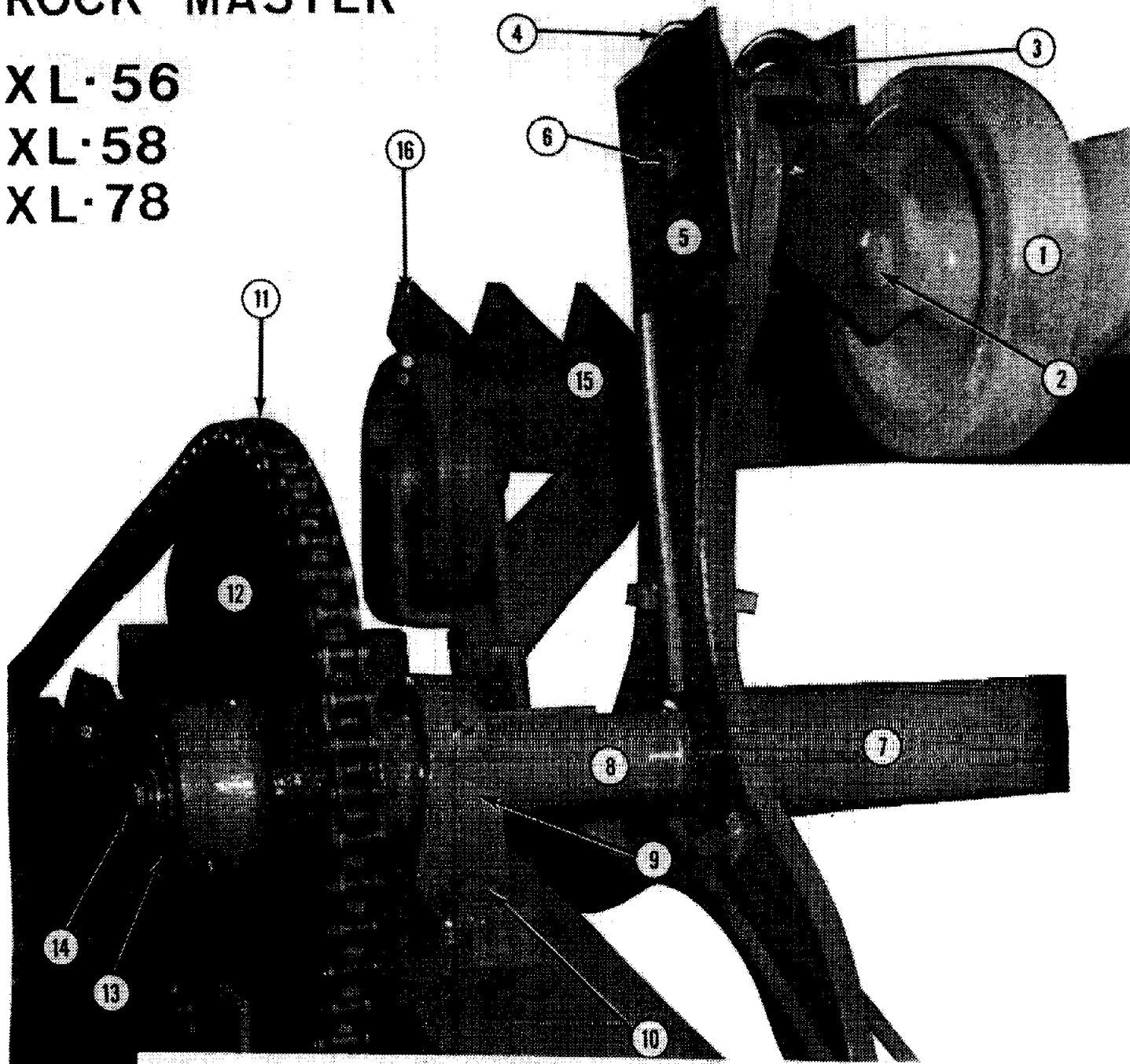
|    |        |                                      |
|----|--------|--------------------------------------|
| 6  | 701003 | 80A12 IDLER SPROCKET                 |
| 7  | 801025 | 3/4" x 2 3/4" UNC BOLT W/NUT         |
| 8  | 400004 | TIGHTENER ARM                        |
| 9  | 400001 | 1 3/8" PILLOW BLOCK BEARING COMPLETE |
| 10 | 801008 | 1/2" x 2" UNC BOLT W/NUT             |
| 11 | 701001 | 80C11 SPROCKET                       |

# ROCK-MASTER

XL-56

XL-58

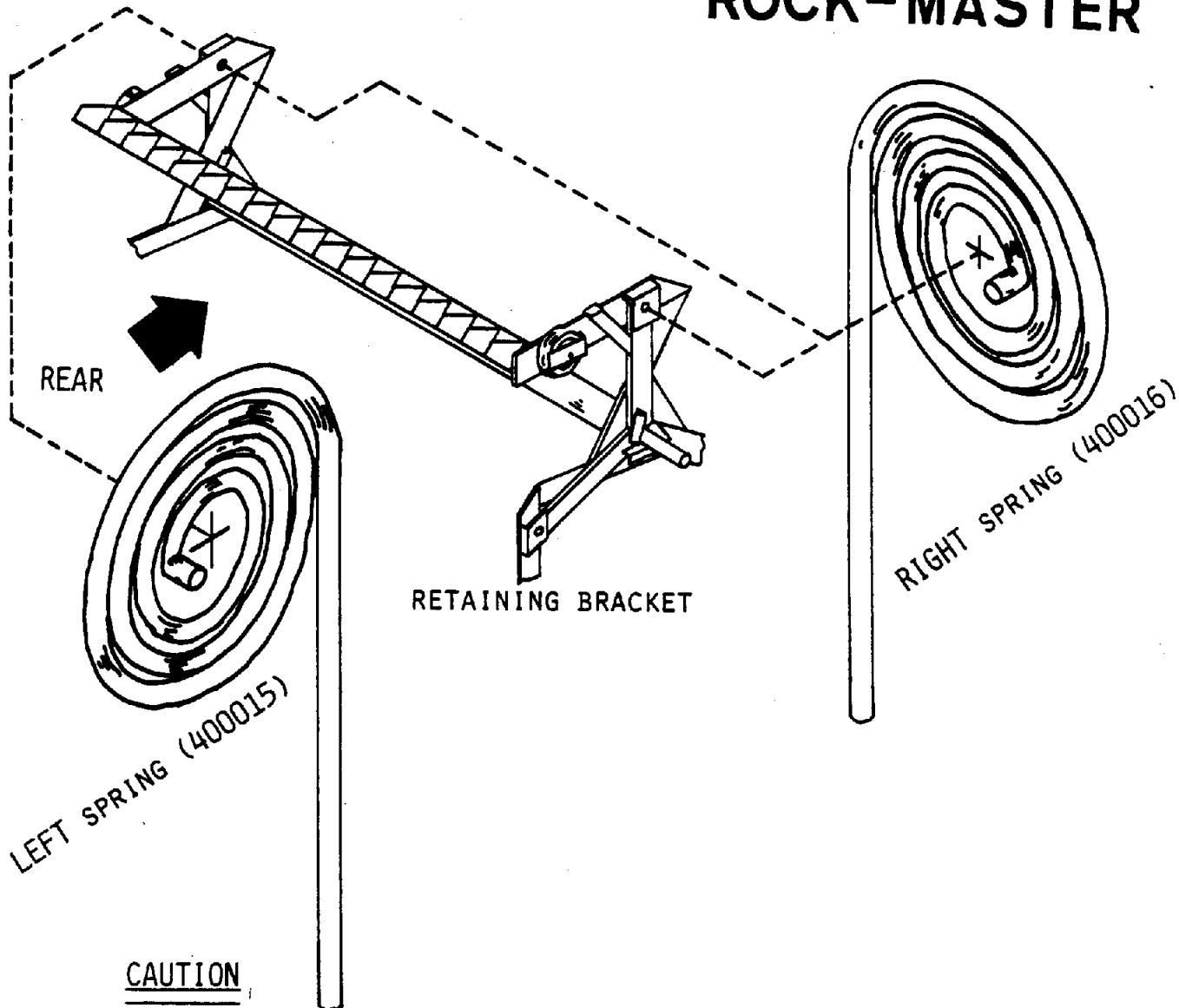
XL-78



| NO. | PART NO. |        | DESCRIPTION                           |
|-----|----------|--------|---------------------------------------|
|     | XL-56    | XL-78  |                                       |
| 1   | 400010   | same   | 8" BOGEY WHEEL                        |
| 2   | 801045   | 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   | 400025   | same   | 2 7/16" REEL SHAFT                    |
| 9   | 400026   | same   | 2 7/16" PILLOW BLOCK COMPLETE         |
| 10  | 801127   | same   | 5/8" x 2 1/2" UNF BOLT W/NUT          |
| 11  | 702001   | same   | ASA 80 CHAIN x 102 PINS               |
|     | 702002   | same   | ASA 80 CONNECTOR LINK                 |
|     | 702003   | same   | ASA 80 HALF LINK                      |
| 12  | 701013   | same   | 80C54 SPROCKET x 2 7/16" HUB          |
| 13  | 801302   | same   | 1/2" x 3 1/8" O.D. WASHER             |
| 14  | 801002   | same   | 1/2" 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.

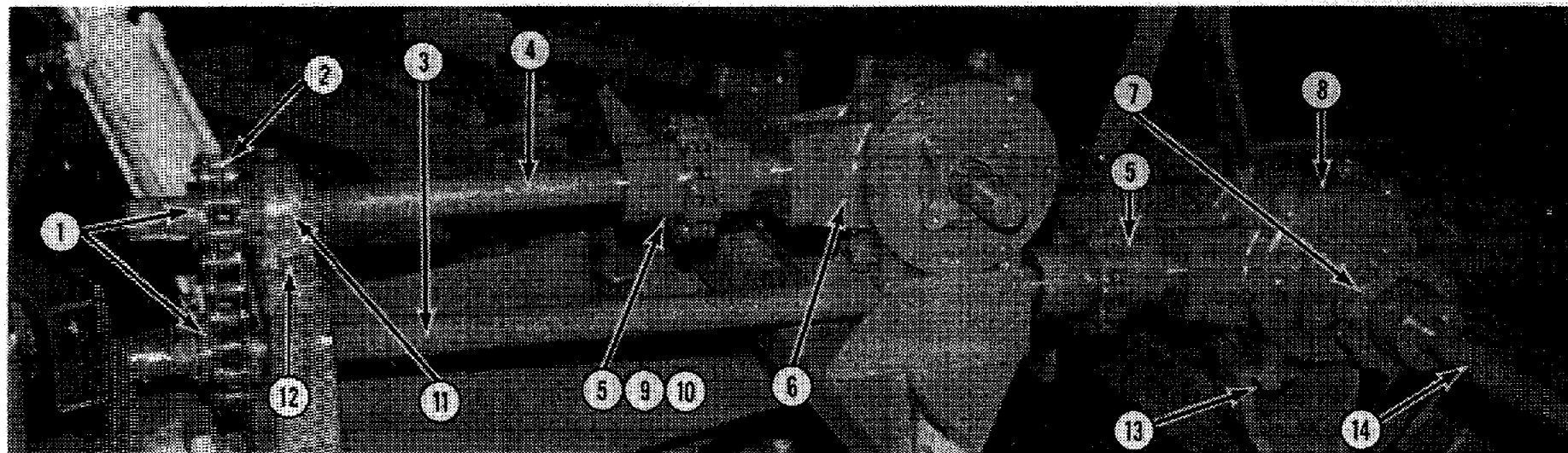
### IMPORTANT NOTE

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.

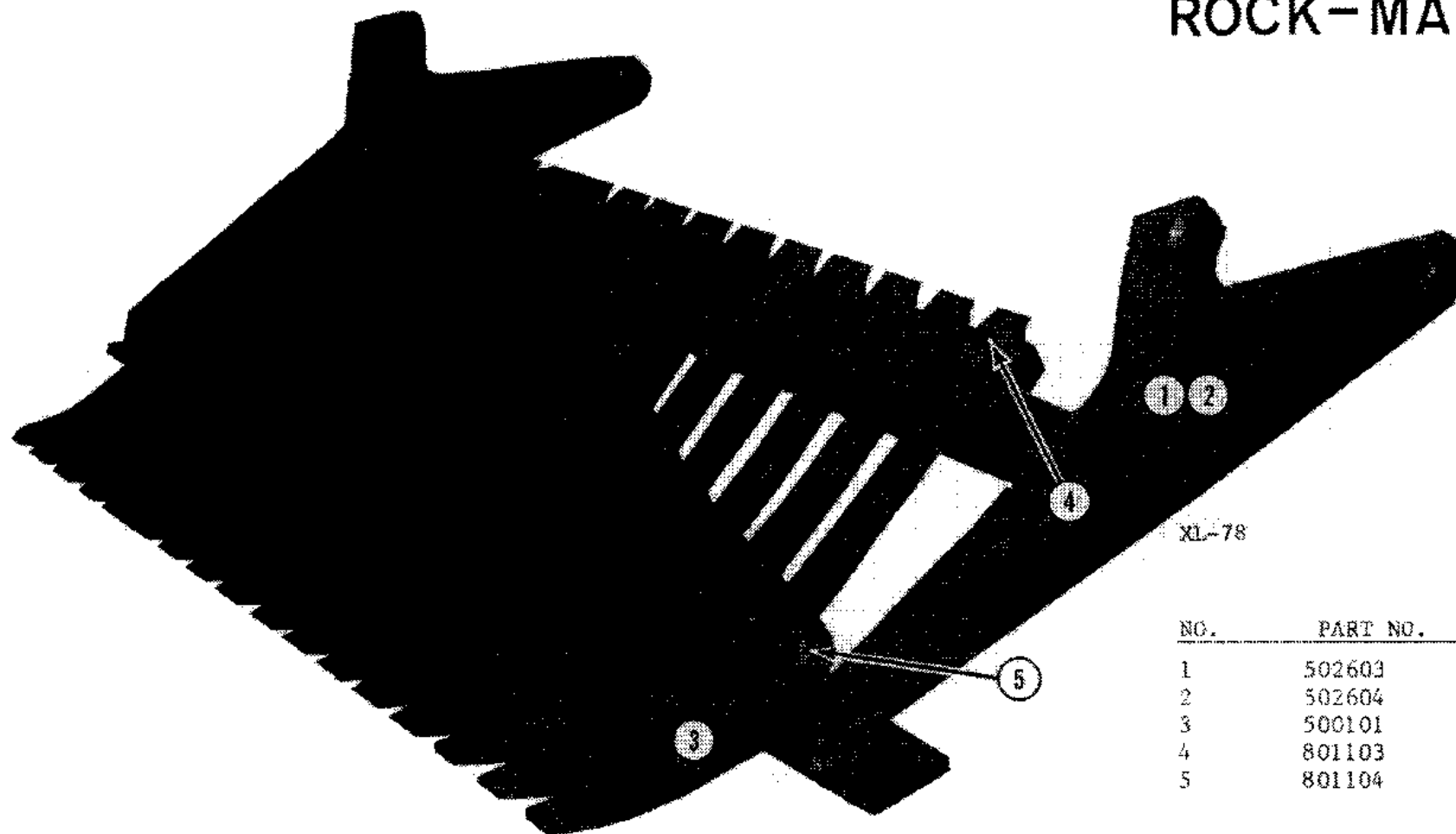
## ROCK-MASTER



| NO. | PART NO. | DESCRIPTION |
|-----|----------|-------------|
|-----|----------|-------------|

|   |        |                                      |    |        |                             |
|---|--------|--------------------------------------|----|--------|-----------------------------|
| 1 | 701001 | 80C11 SPROCKET                       | 9  | 702009 | COUPLER JOINING CHAIN       |
| 2 | 702008 | #80 CHAIN X 10½ LINKS                | 10 | 701013 | KEYED HALF ONLY             |
| 3 | 401109 | 1 3/8" X 35" SHAFT                   |    | 701014 | SPLINED HALF ONLY           |
| 4 | 401110 | 1 3/8" X 18½" SHAFT                  | 11 | 400001 | 1 3/8" PILLOW BLOCK BEARING |
| 5 | 701011 | SHAFT COUPLER COMPLETE KEY TO KEY    | 12 | 801024 | ½" X 4" UNC BOLT W/NUT      |
| 6 | 101101 | DOUBLE DRIVE GEARBOX COMPLETE        | 13 | 801023 | M12 X 30 BOLT METRIC        |
| 7 | 701012 | SHAFT COUPLER COMPLETE KEY TO SPLINE | 14 | 401111 | 1 3/8" X 34½" SHAFT         |
| 8 | 101101 | DOUBLE DRIVE GEARBOX COMPLETE        |    |        |                             |

# ROCK-MASTER XL

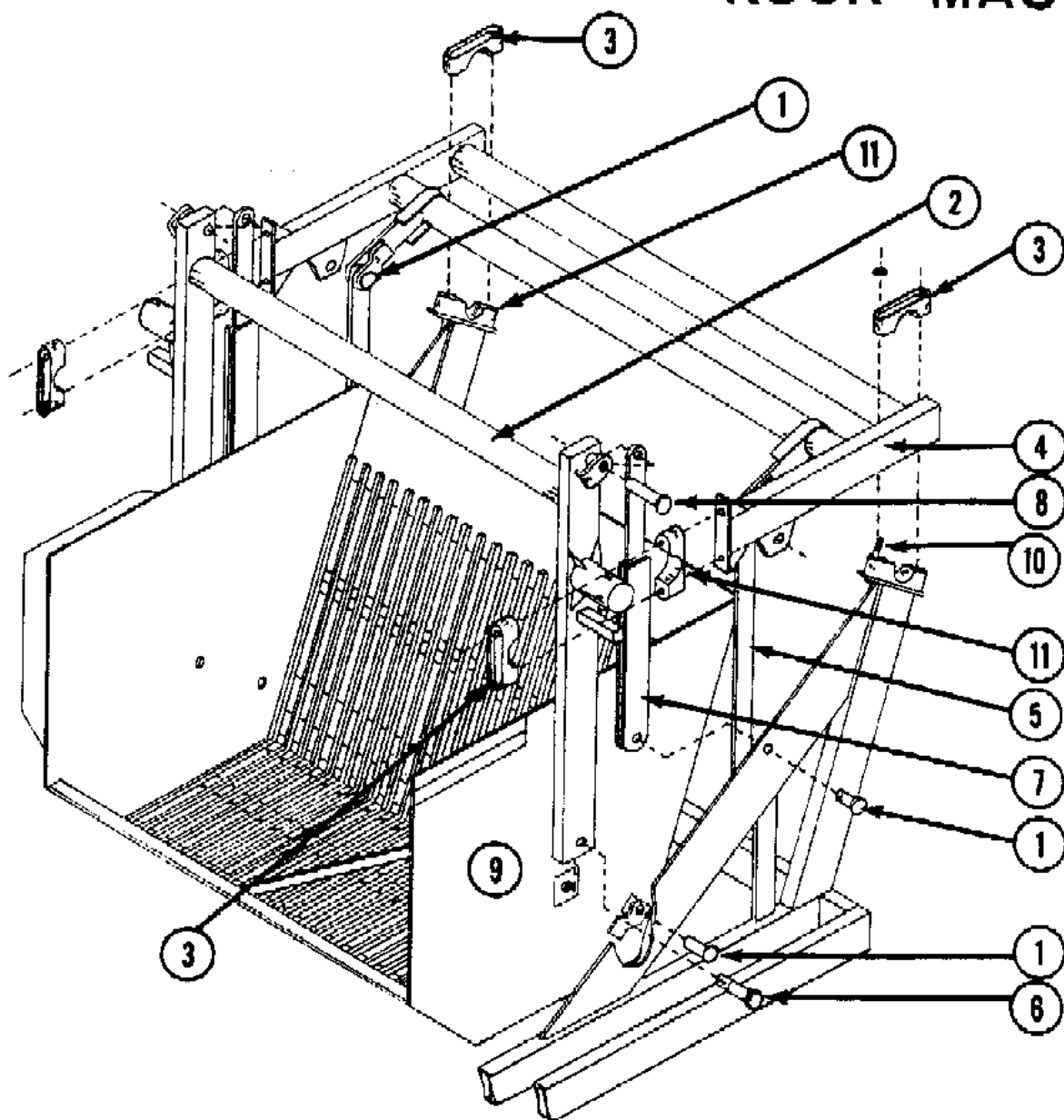


| NO. | PART NO. | DESCRIPTION                               |
|-----|----------|-------------------------------------------|
| 1   | 502603   | APRON LESS TINES                          |
| 2   | 502604   | APRON WITH TINES                          |
| 3   | 500101   | APRON TINES                               |
| 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

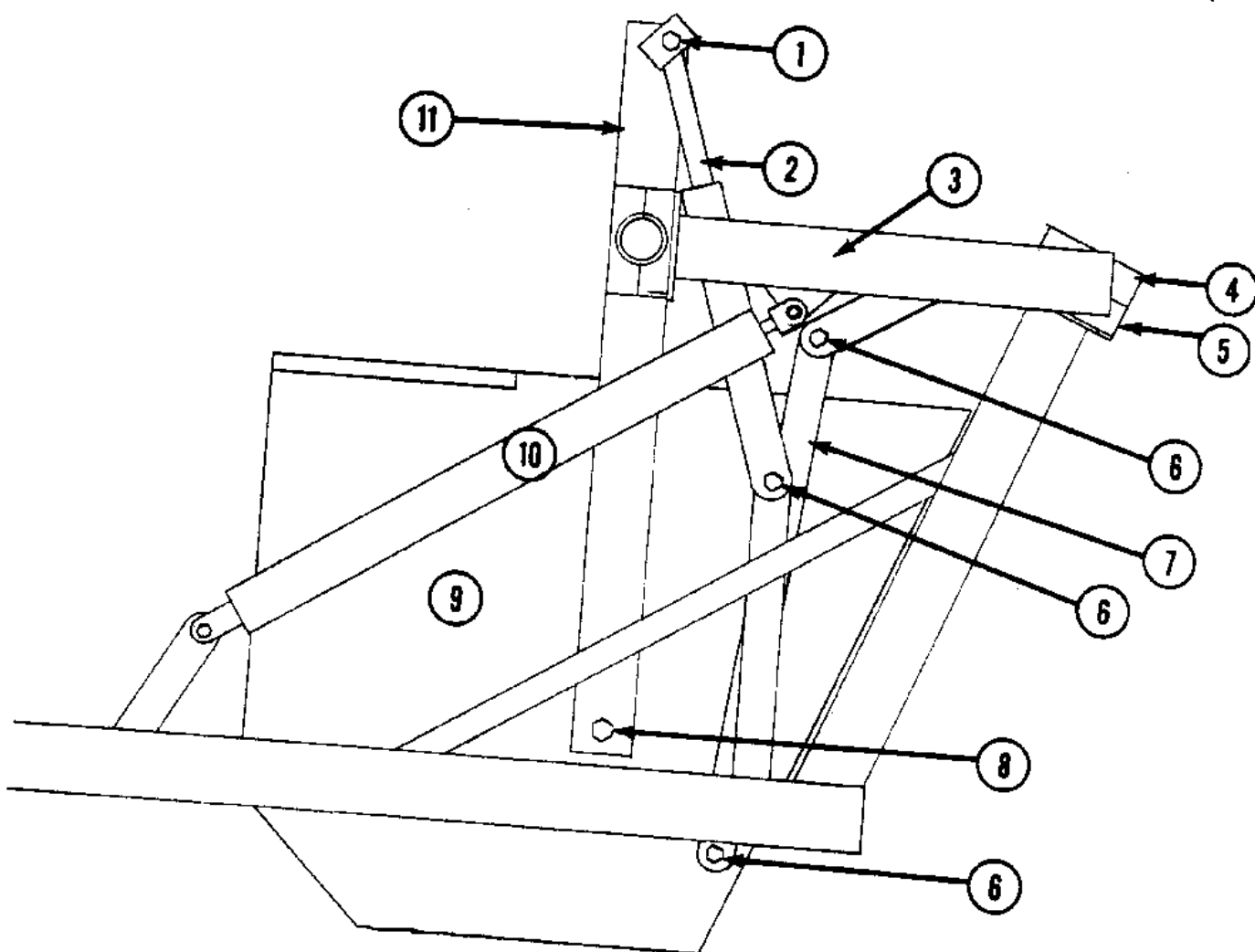
| NO. | PART NO. | DESCRIPTION                               |
|-----|----------|-------------------------------------------|
| 1   | 502403   | APRON LESS TINES                          |
| 2   | 502404   | APRON WITH TINES                          |
| 3   | 500101   | APRON TINES                               |
| 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



| NO. | PART NO. | DESCRIPTION                  |
|-----|----------|------------------------------|
| 1   | 801204   | 1" x 2½" PIN                 |
| 2   | 503202   | LONG DUMP ASSY.              |
| 3   | 500202   | TOP PIPE CLAMP               |
| 4   | 503203   | SHORT DUMP ASSY.             |
| 5   | 503204   | DUMP BRACE                   |
| 6   | 801005   | 1" x 4" UNC BOLT W/NUT       |
| 7   | 503205   | TELESCOPIC BRACE             |
| 8   | 801205   | 1" x 6" PIN                  |
| 9   | 503201   | BUCKET (HIGH DUMP)           |
| 10  | 801105   | 9/16" x 4½" UNF BOLT W/NUT   |
| 11  | 500201   | BOTTOM PIPE CLAMP            |
|     | 204201   | 3½" x 42" HYD. CYL. COMPLETE |

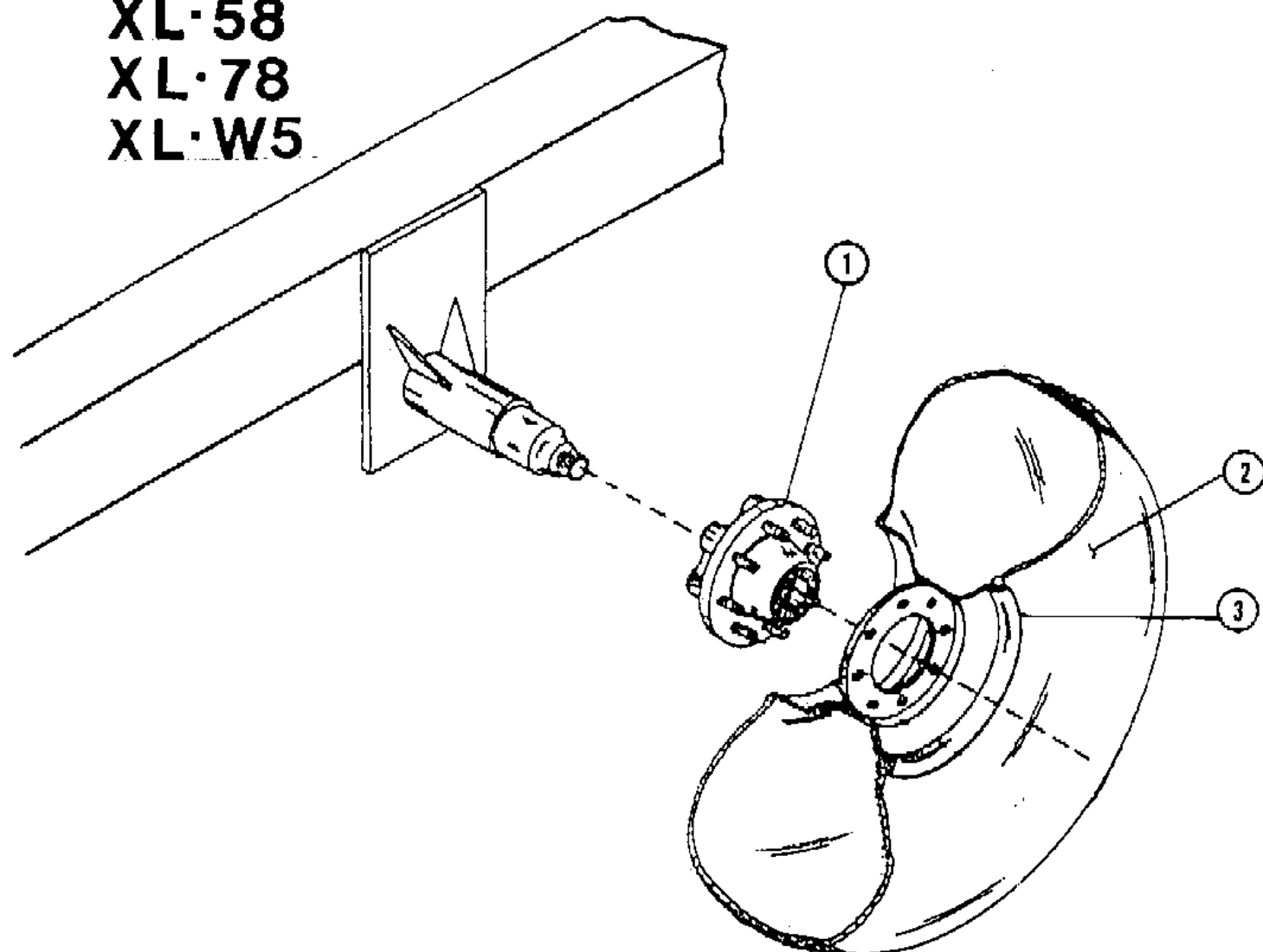
# ROCK-MASTER



| NO. | PART NO. | DESCRIPTION                  |
|-----|----------|------------------------------|
| 1   | 801205   | 1" x 6" PIN                  |
| 2   | 503205   | TELESCOPIC BRACE             |
| 3   | 503203   | SHORT DUMP ASSY.             |
| 4   | 500202   | TOP PIPE CLAMP               |
| 5   | 500201   | BOTTOM PIPE CLAMP            |
| 6   | 801204   | 1" x 2½" PIN                 |
| 7   | 503204   | DUMP BRACE                   |
| 8   | 801005   | 1" x 4" UNC BOLT W/NUT       |
| 9   | 503201   | BUCKET (HIGH DUMP)           |
| 10  | 204201   | 3½" x 42" HYD. CYL. COMPLETE |
| 11  | 503202   | LONG DUMP ASSY.              |

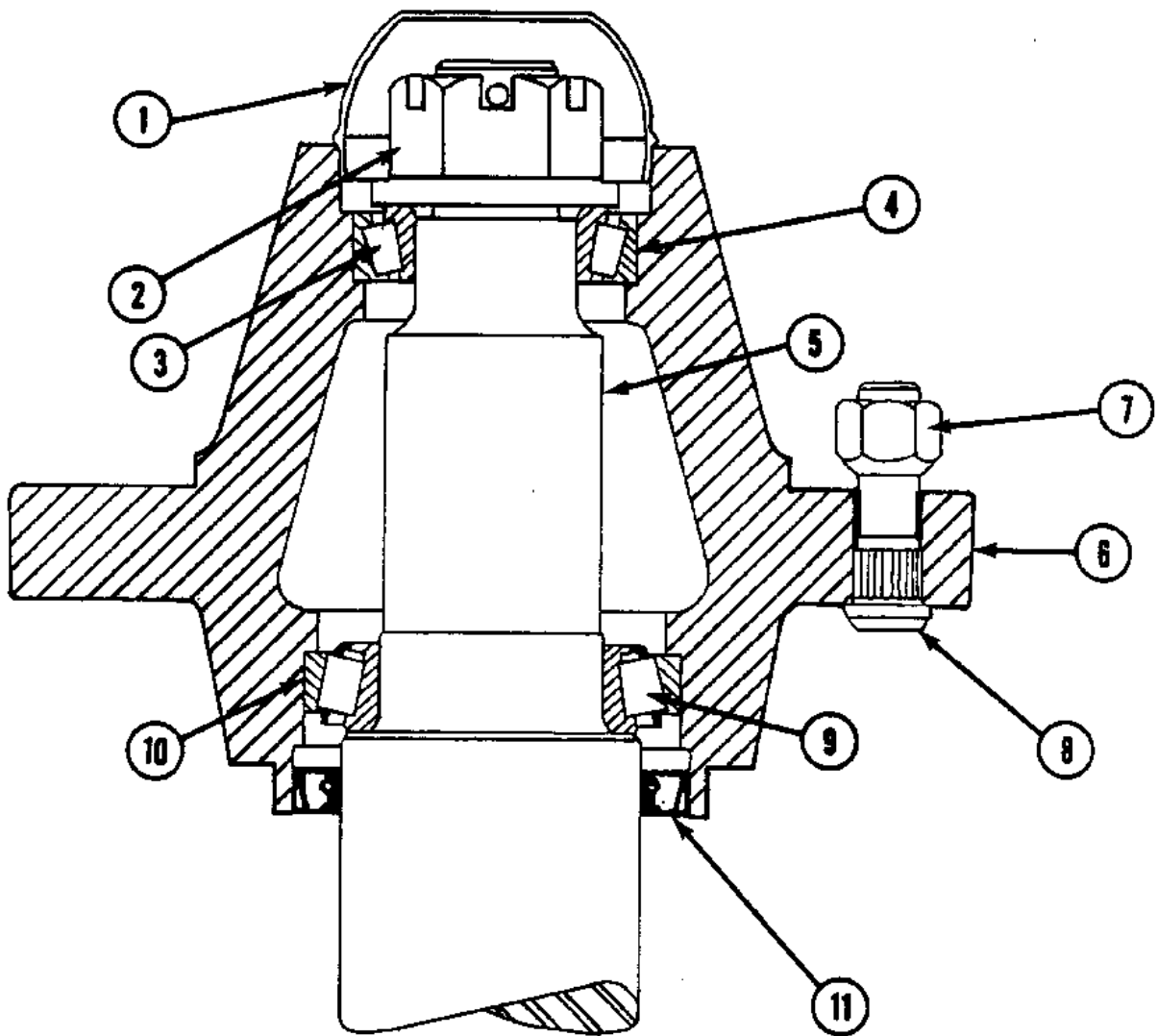
# ROCK-MASTER

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       |

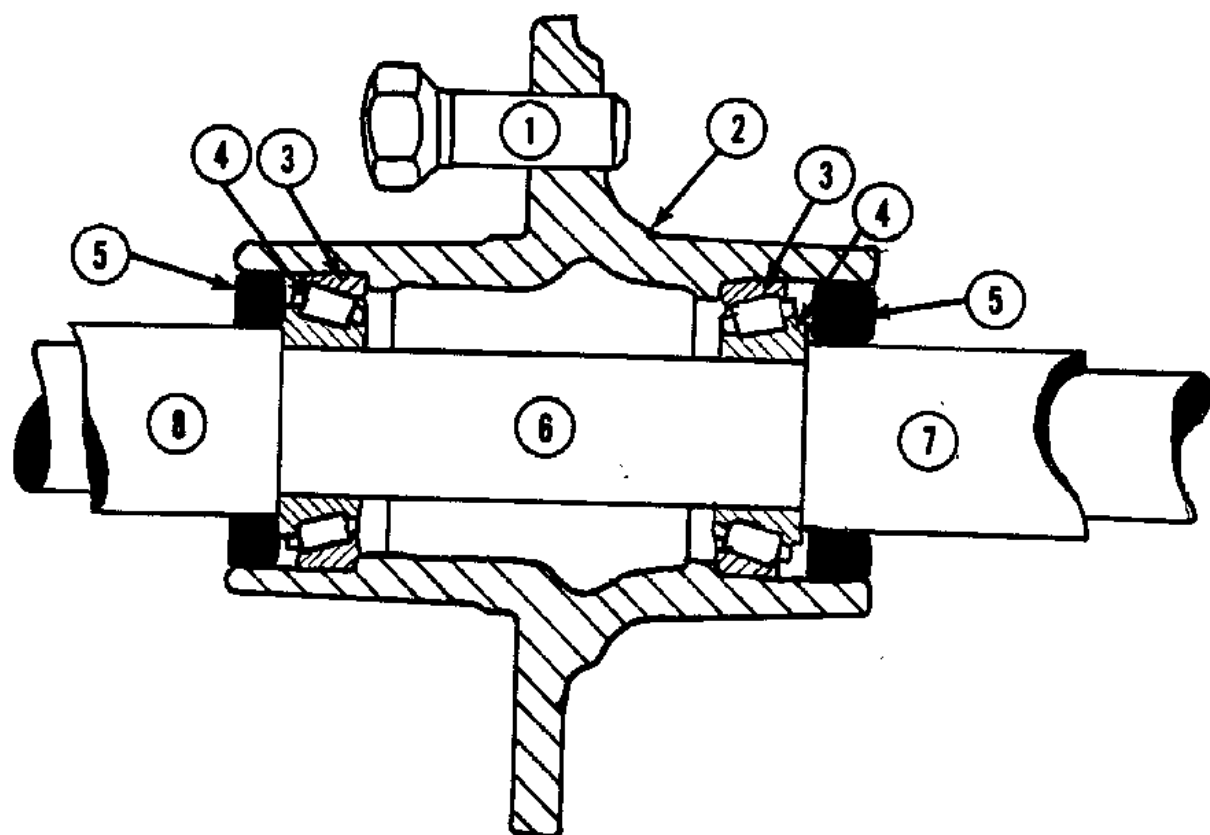
# ROCK-MASTER



| NO. | PART NO. | DESCRIPTION                    |
|-----|----------|--------------------------------|
| 1   | 301101   | DC26 DUST CAP                  |
| 2   | 301102   | CASTELLATED NUT 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               |

# ROCK-MASTER

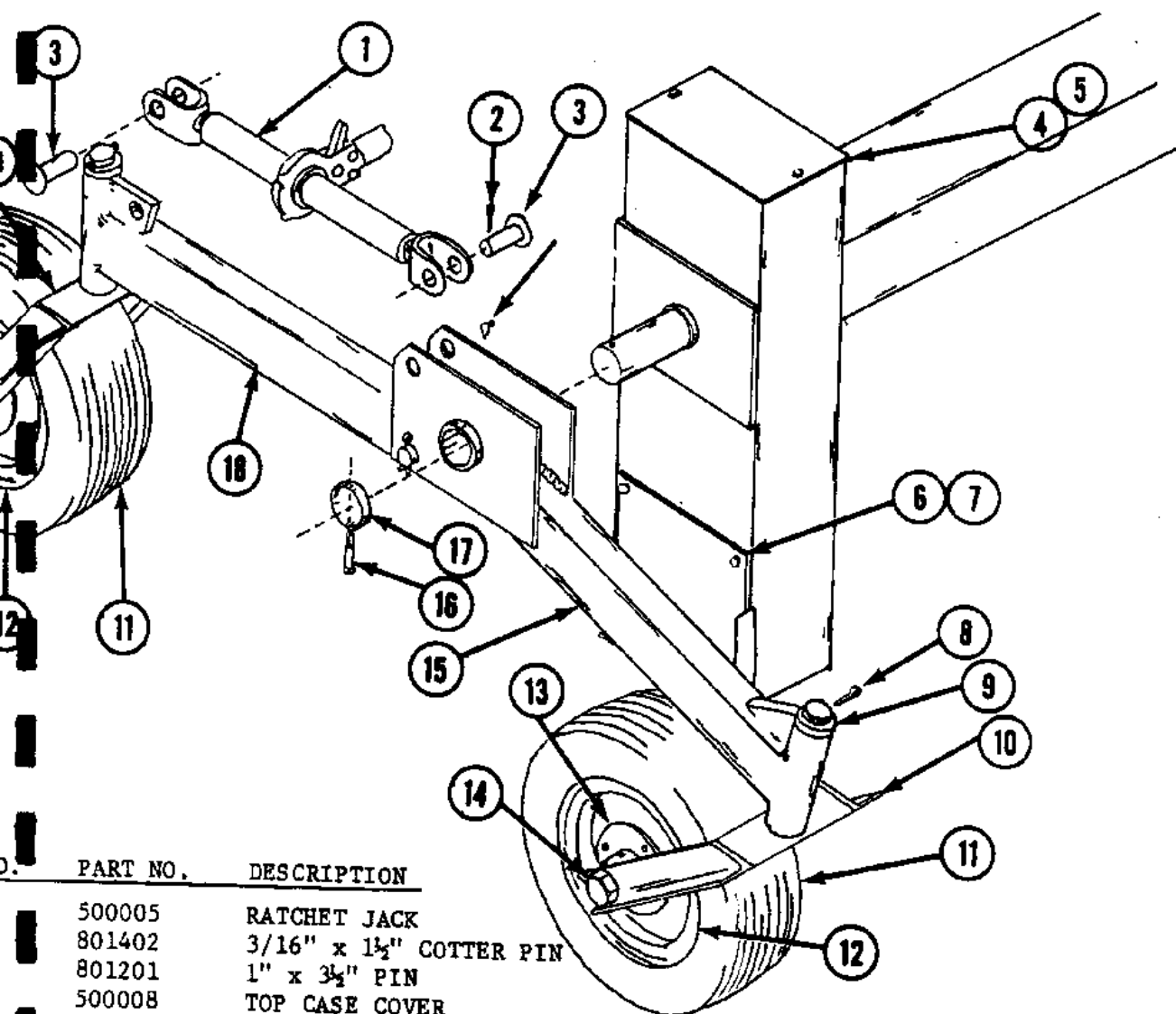
HD211



| 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          |

# ROCK-MASTER

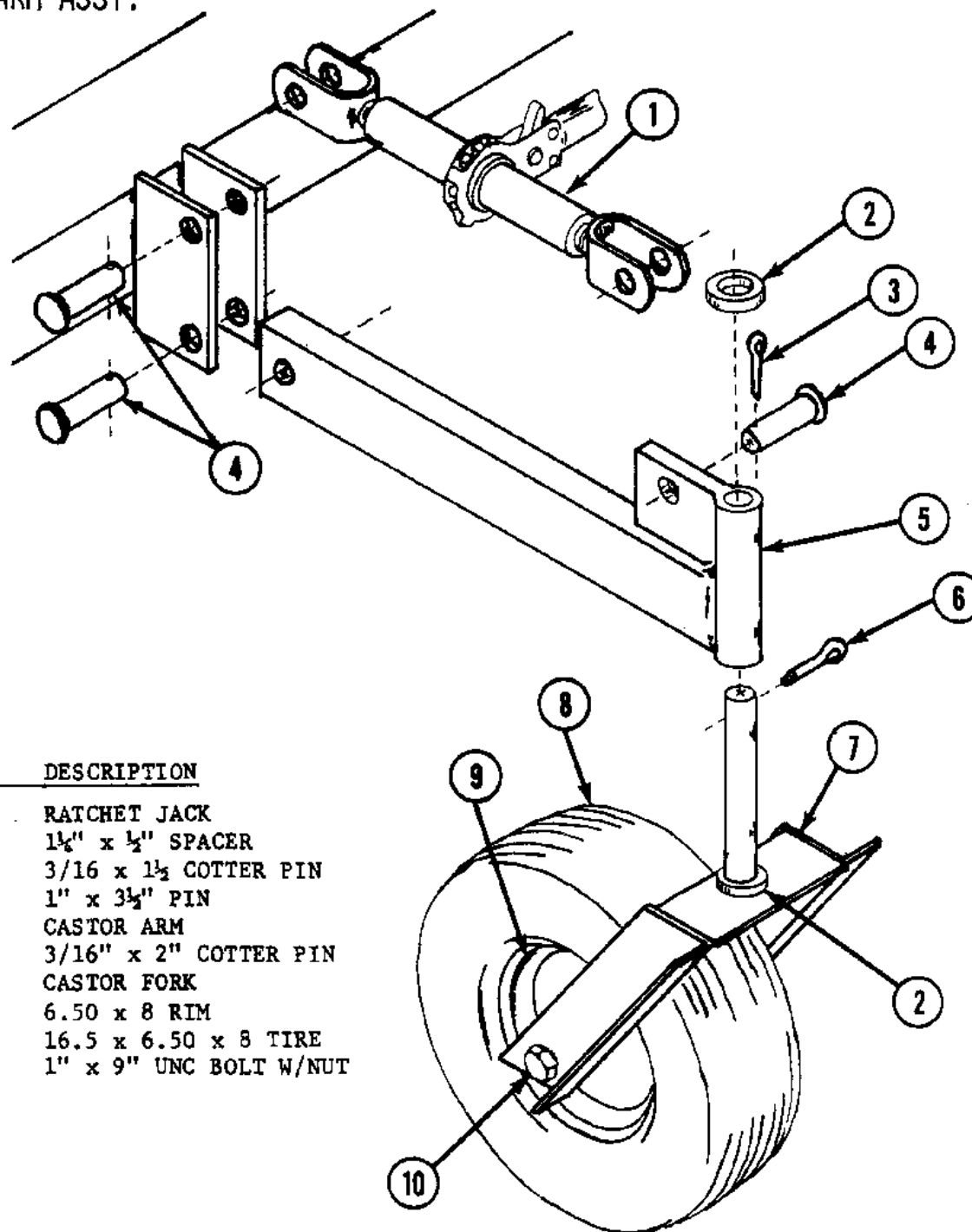
OSCILLATING DUAL CASTOR ASSY.



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

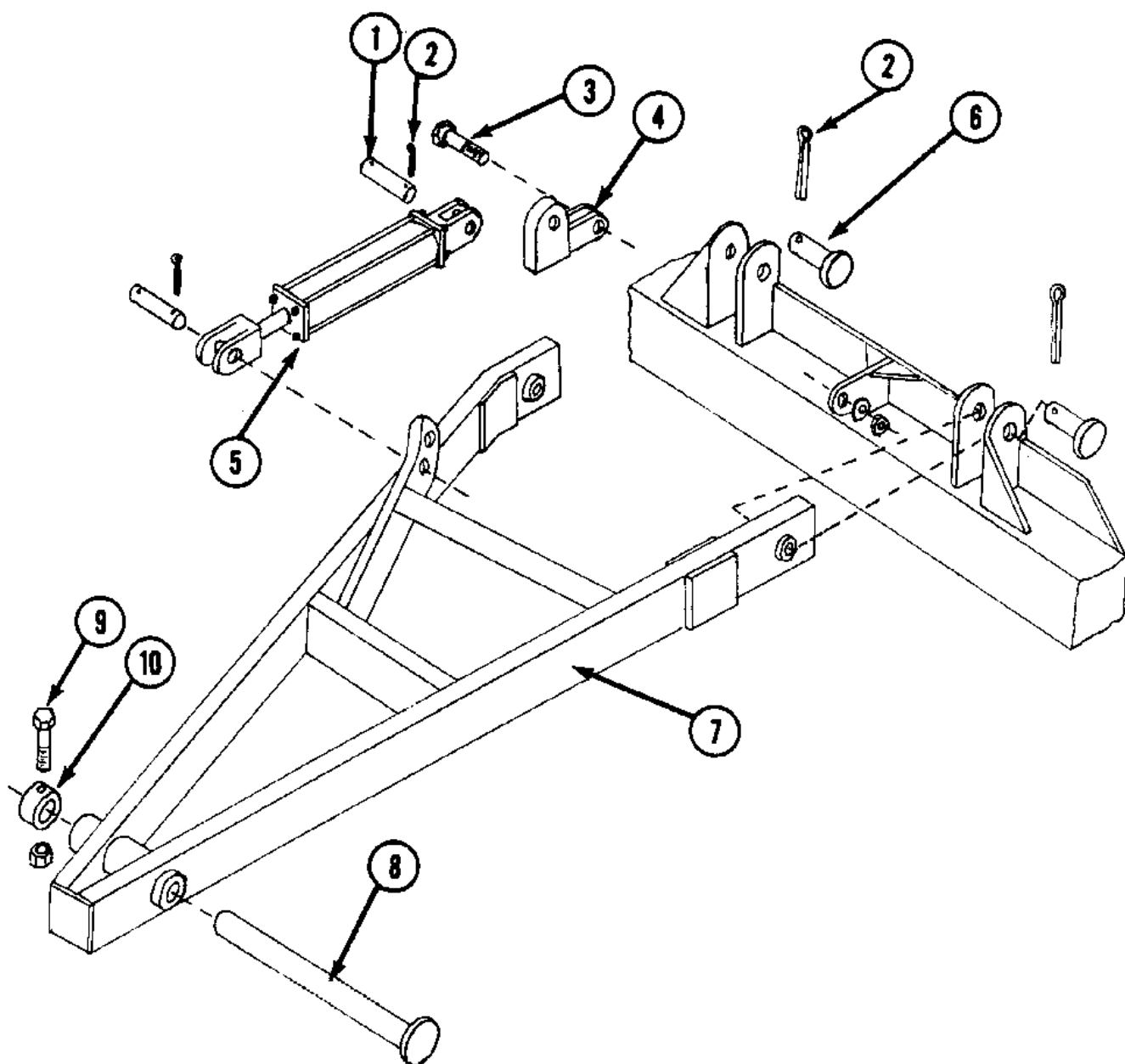
# ROCK-MASTER

## CASTOR & ARM ASSY.



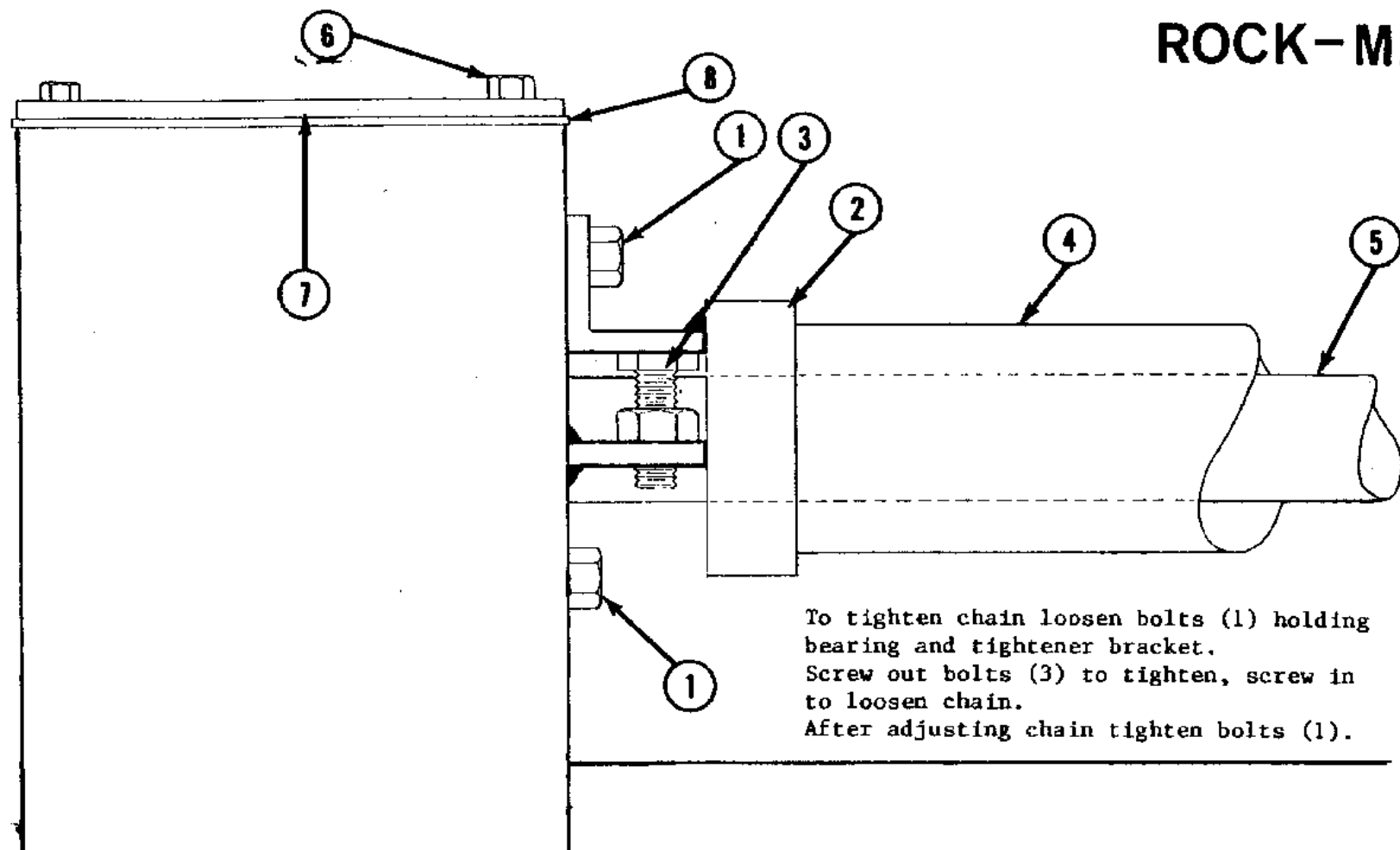
| NO. | PART NO. | DESCRIPTION            |
|-----|----------|------------------------|
| 1   | 500005   | RATCHET JACK           |
| 2   | 801304   | 1½" x ½" SPACER        |
| 3   | 801402   | 3/16 x 1½ COTTER PIN   |
| 4   | 801201   | 1" x 3½" PIN           |
| 5   | 500006   | CASTOR ARM             |
| 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



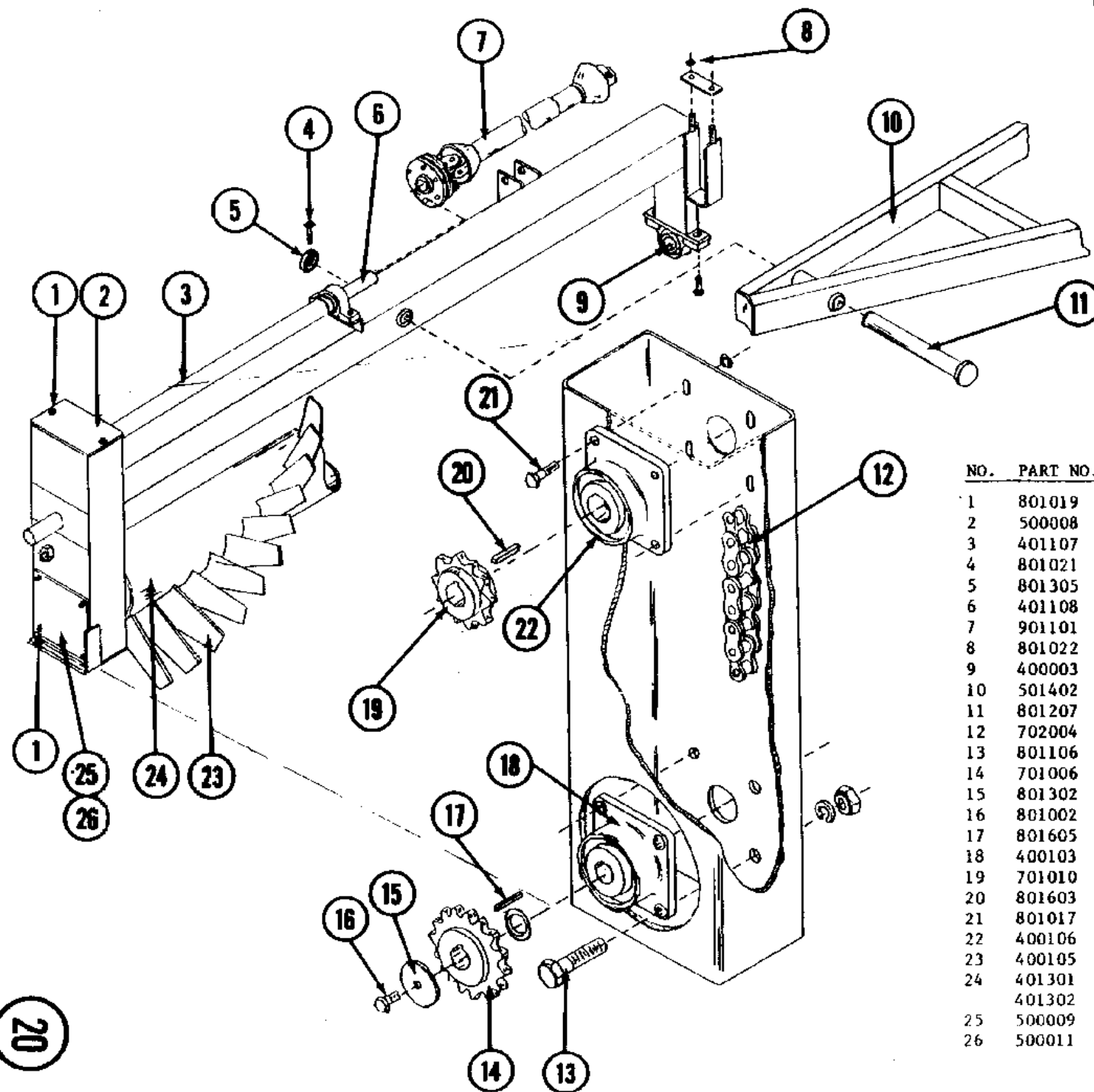
| NO. | PART NO. | DESCRIPTION                             |
|-----|----------|-----------------------------------------|
| 1   | 203003   | CLEVIS PIN                              |
| 2   | 801403   | 3/16" x 2 1/2" COTTER PIN               |
| 3   | 801020   | 5/8" x 2" UNC BOLT W/NUT                |
| 4   | 501401   | HYDRAULIC BRACKET                       |
| 5   | 201001   | 3" x 10" HYD. CYL. COMPLETE             |
| 6   | 801206   | 1 3/4" x 4" PIN                         |
| 7   | 501402   | WING A-FRAME                            |
| 8   | 801207   | 2" x 17 3/4" WING SHAFT W/COLLAR & BOLT |
| 9   | 801021   | 1/2" x 3 1/2" UNC BOLT W/NUT            |
| 10  | 801305   | WING SHAFT COLLAR                       |

## ROCK-MASTER



| NO. | PART NO. | DESCRIPTION                                        |
|-----|----------|----------------------------------------------------|
| 1   | 801017   | $\frac{1}{2}$ " x $2\frac{1}{2}$ " BOLT UNC W/ NUT |
| 2   | 401106   | TIGHTENER BRACKET & SHIELD HOLDER                  |
| 3   | 801018   | $\frac{1}{2}$ " x $1\frac{1}{2}$ " UNC BOLT        |
| 4   | 401107   | SHAFT SHIELD                                       |
| 5   | 401108   | 1 $\frac{3}{8}$ " x $48\frac{1}{2}$ " SHAFT        |
| 6   | 801019   | $\frac{5}{16}$ " x $\frac{3}{4}$ " UNC BOLT        |
| 7   | 500008   | TOP CASE COVER                                     |
| 8   | 500010   | TOP CASE GASKET                                    |

# ROCK-MASTER



| NO. | PART NO. | DESCRIPTION                             |
|-----|----------|-----------------------------------------|
| 1   | 801019   | 5/16" x 3/4" UNC BOLT                   |
| 2   | 500008   | TOP CASE COVER                          |
| 3   | 401107   | SHAFT SHIELD                            |
| 4   | 801021   | 1/2" x 3 1/2" UNC BOLT W/NUT            |
| 5   | 801305   | WING SHAFT COLLAR                       |
| 6   | 401108   | 1 3/8" x 48 1/2" SHAFT                  |
| 7   | 901101   | M4558 PTO SHAFT COMPLETE                |
| 8   | 801022   | 5/8" UNC NUT                            |
| 9   | 400003   | 2" PILLOW BLOCK ASSY.                   |
| 10  | 501402   | WING A-FRAME                            |
| 11  | 801207   | 2" x 17 3/4" WING SHAFT W/COLLAR & BOLT |
| 12  | 702004   | #100 CHAIN x 46 1/2" LINKS              |
| 13  | 801106   | 5/8" x 2" UNF BOLT W/NUT                |
| 14  | 701006   | 100C14 SPROCKET                         |
| 15  | 801302   | 1/2" x 3 1/8" WASHER                    |
| 16  | 801002   | 1/2" x 1" UNC BOLT                      |
| 17  | 801605   | 1/2" x 2" KEY                           |
| 18  | 400103   | 2" FLANGE BEARING COMPLETE              |
| 19  | 701010   | 100C9 SPROCKET                          |
| 20  | 801603   | 5/16" x 2 1/2" KEY                      |
| 21  | 801017   | 1/2" x 2 1/2" UNC BOLT W/NUT            |
| 22  | 400106   | 1 3/8" FLANGE BEARING COMPLETE          |
| 23  | 400105   | DRUM TOOTH                              |
| 24  | 401301   | R.H. WING DRUM COMPLETE                 |
| 25  | 401302   | L.H. WING DRUM COMPLETE                 |
| 26  | 500009   | SIDE CASE COVER                         |
| 26  | 500011   | SIDE CASE COVER GASKET                  |

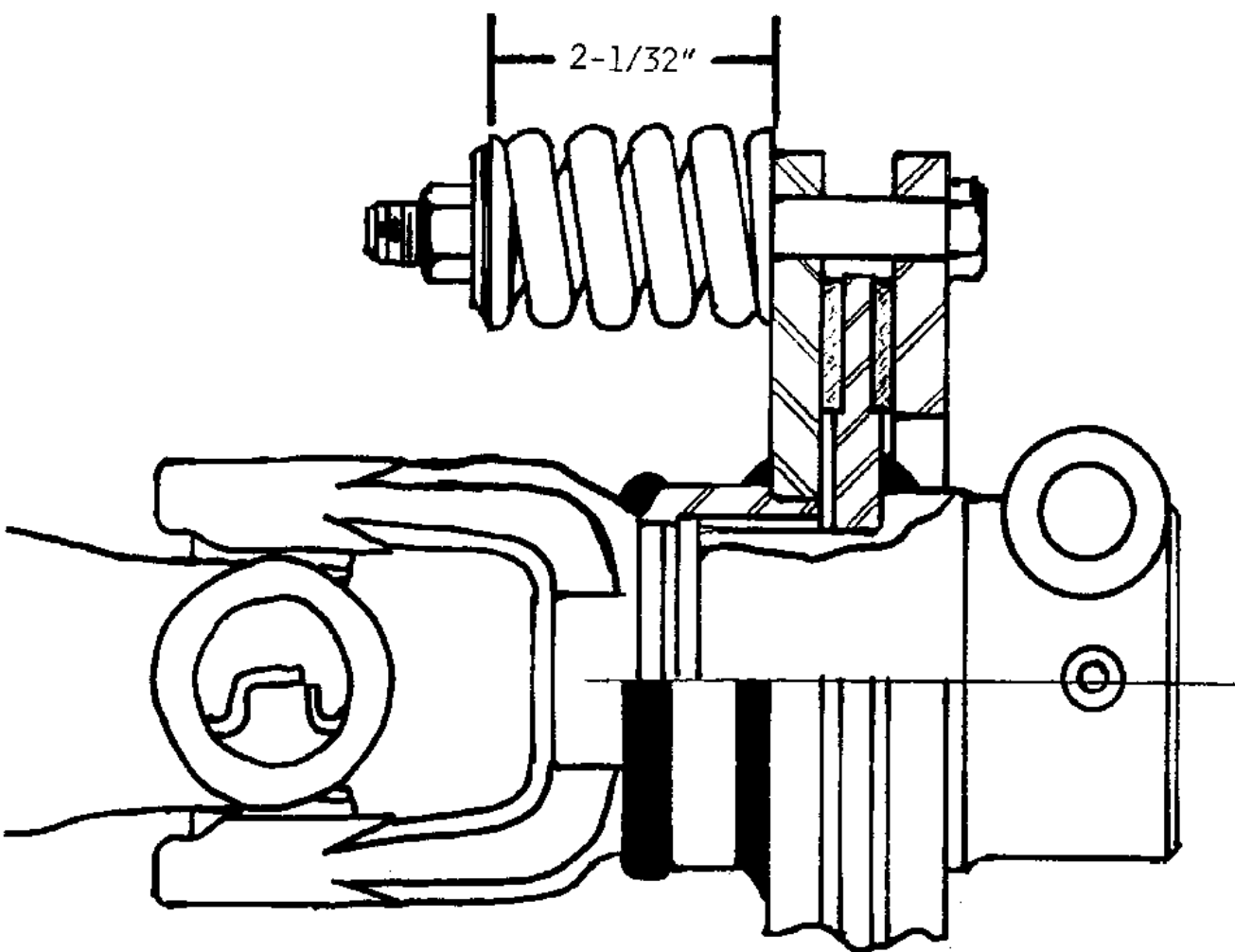
# ROCK-MASTER

## "9000 CLUTCH"

STORAGE (SECONDARY DRIVE LINE PTO ON RW-5 AND W-14, W-20)

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 LENGHT AS SHOWN BELOW,



# ROCK-MASTER

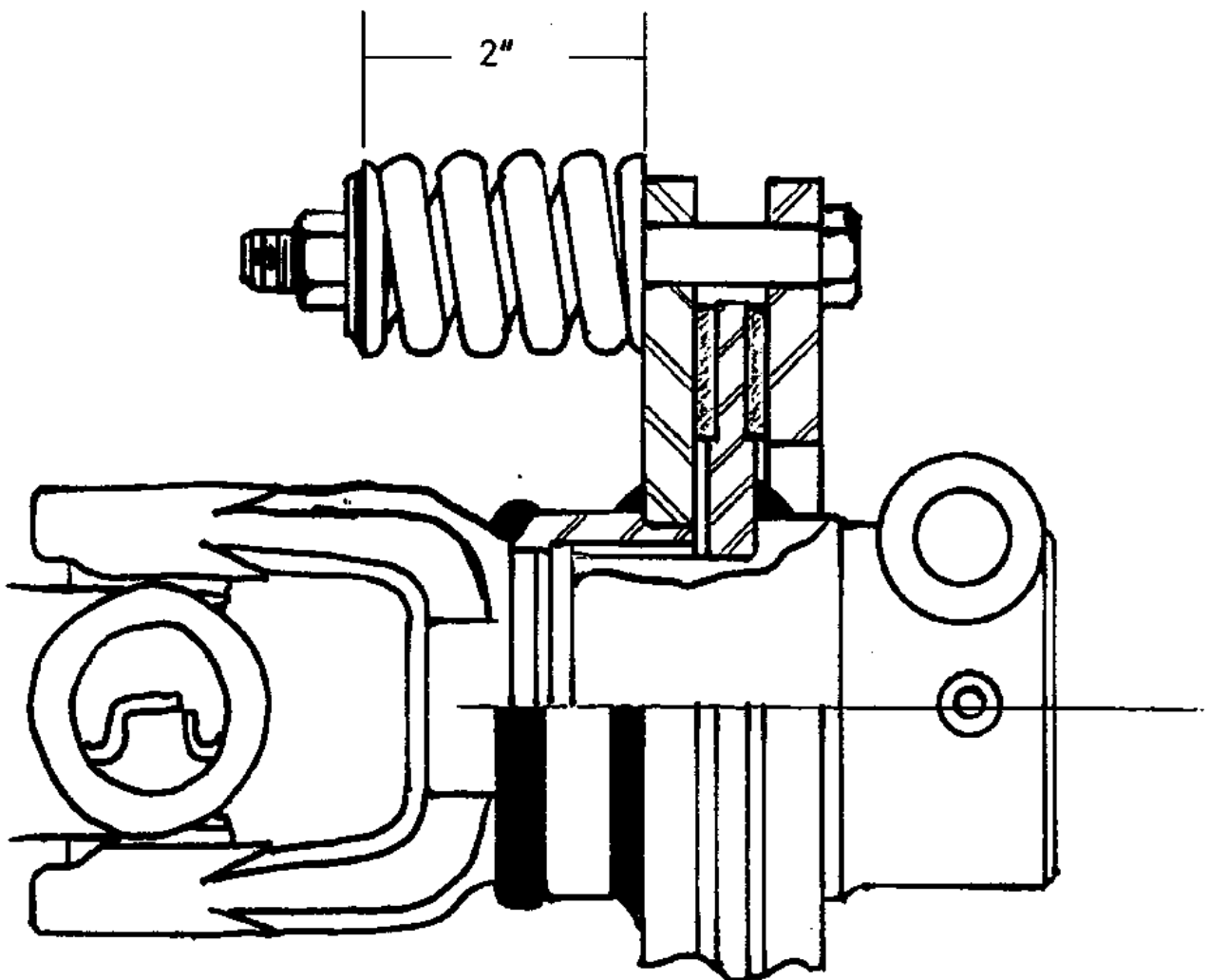
## "6000 CLUTCH"

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

### STORAGE

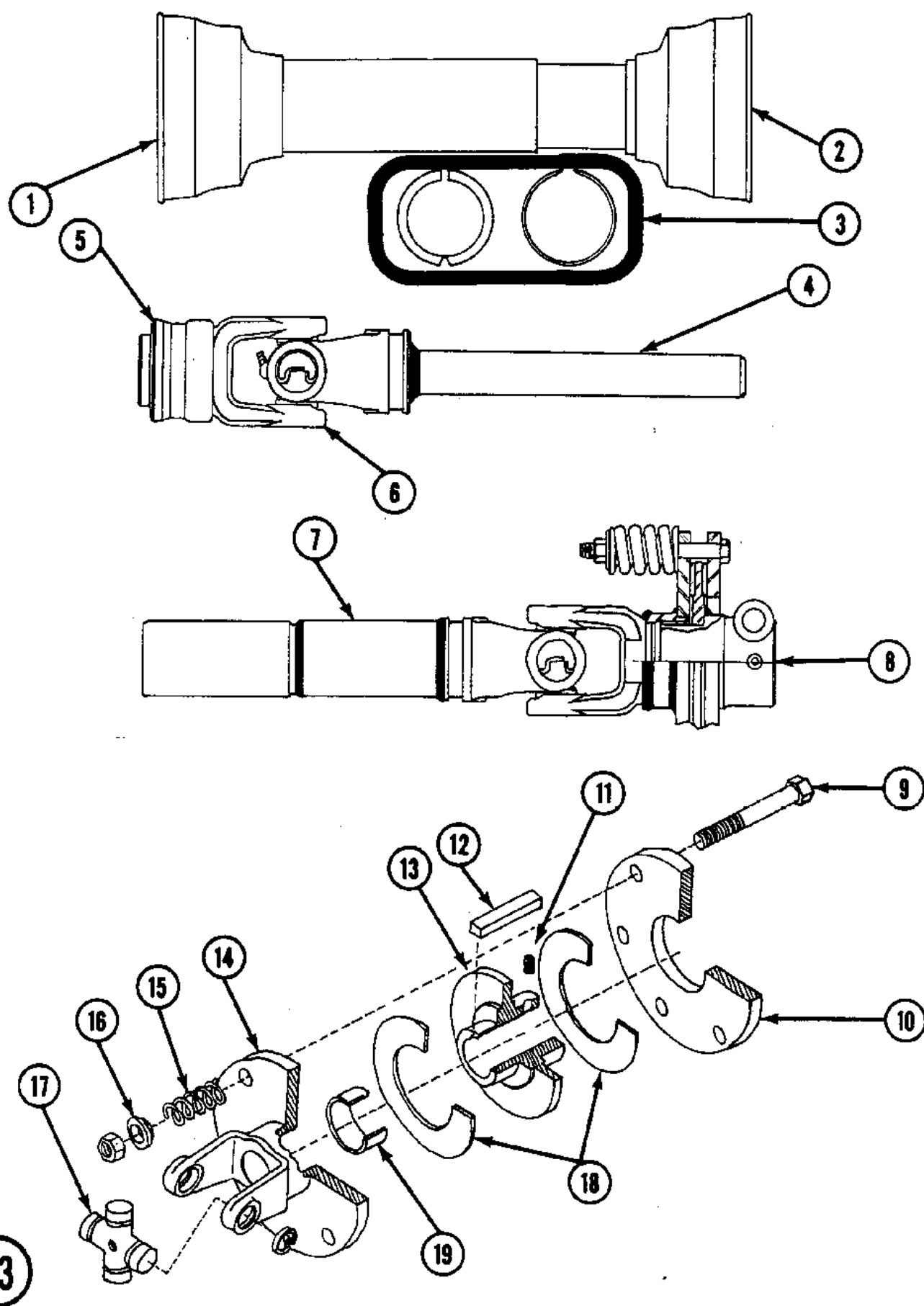
WHEN YOUR MACHINE IS GOING TO BE INACTIVE ON A SEASONAL BASIS, IT IS ADVISED TO LOOSEN OR REMOVE THE CLUTCH FACINGS, TO AVOID RUST FORMING AND MAKING THEM INOPERATIVE.

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



# M4559 PTO SHAFT

# ROCK-MASTER

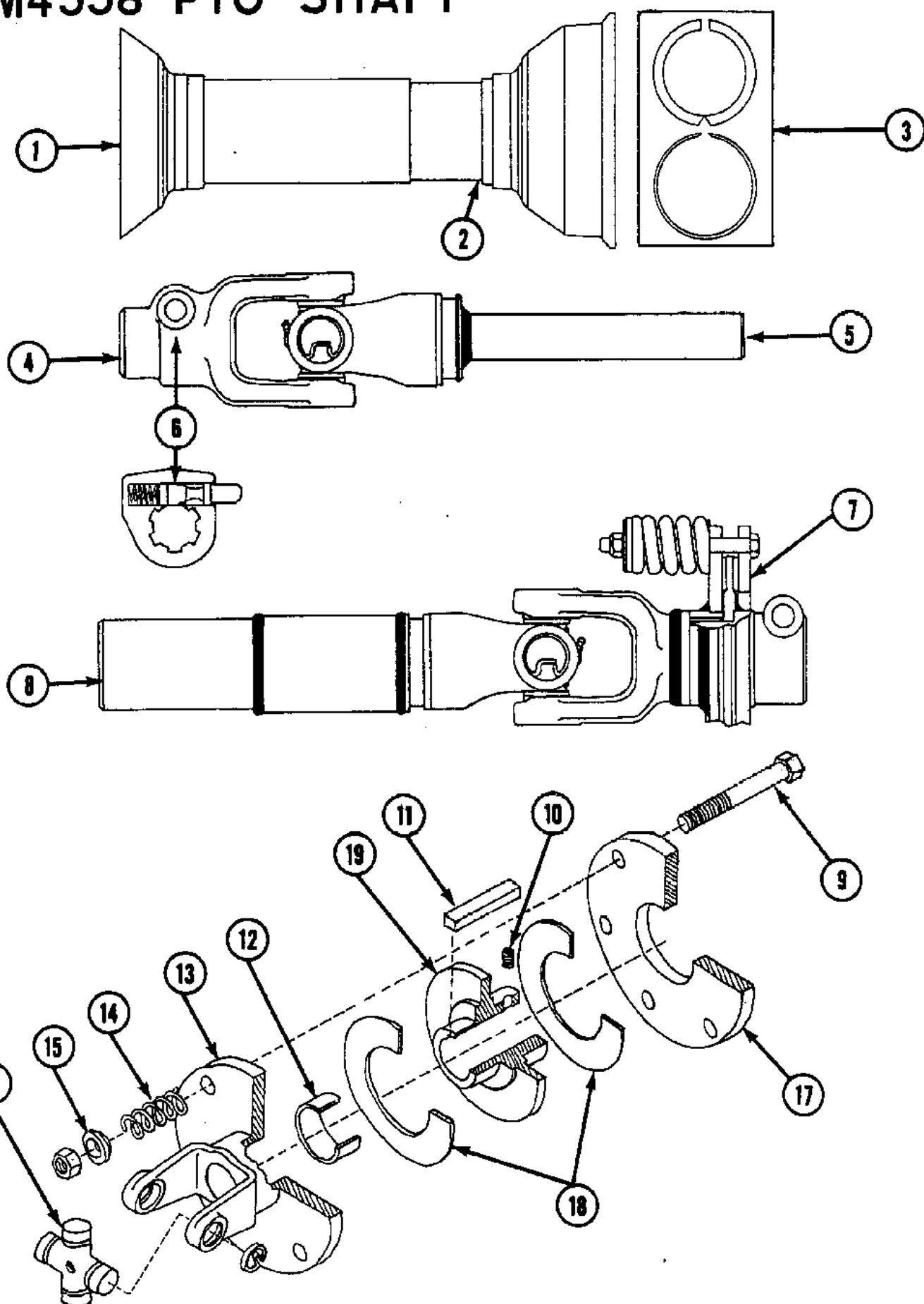


# ROCK-MASTER

| <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                |

# M4558 PTO SHAFT

# ROCK-MASTER



# ROCK-MASTER

| <u>NO.</u> | <u>PART NO.</u> | <u>DESCRIPTION</u>                |
|------------|-----------------|-----------------------------------|
| 1          | 901110          | OUTER GUARD                       |
| 2          | 901111          | INNER GUARD                       |
| 3          | 901112          | GUARD RETAINER KIT                |
| 4          | 901102          | TRACTOR YOKE                      |
| 5          | 901104          | YOKE AND SHAFT                    |
| 6          | 901113          | YOKE PIN LOCK REPAIR KIT          |
| 7          | 901114          | 9000 CLUTCH COMPLETE              |
| 8          | 901105          | YOKE AND TUBE                     |
| 9          | 901108          | 9000 CLUTCH BOLT W/NUT            |
| 10         | 801501          | 3/8 -16 SET SCREW                 |
| 11         | 801602          | 5/16 X 2 KEY                      |
| 12         | 900004          | BRASS BUSHING                     |
| 13         | 901106          | YOKE WITH CLUTCH PLATE            |
| 14         | 901107          | 9000 CLUTCH SPRING                |
| 15         | 901109          | 9000 CLUTCH SPRING HOLDING WASHER |
| 16         | 901103          | 35RW JOURNAL KIT                  |
| 17         | 900002          | CLUTCH PRESSURE PLATE             |
| 18         | 900003          | CLUTCH FRICTION DISC              |
| 19         | 900001          | CLUTCH HUB                        |
| 20         | 901115          | TRACTOR HALF PTO SHAFT W/GUARD    |
| 21         | 901116          | CLUTCH HALF PTO SHAFT W/GUARD     |

"IMPORTANT"

"6000 & 9000 CLUTCH"

OPERATING & MAINTENANCE INSTRUCTIONS

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.

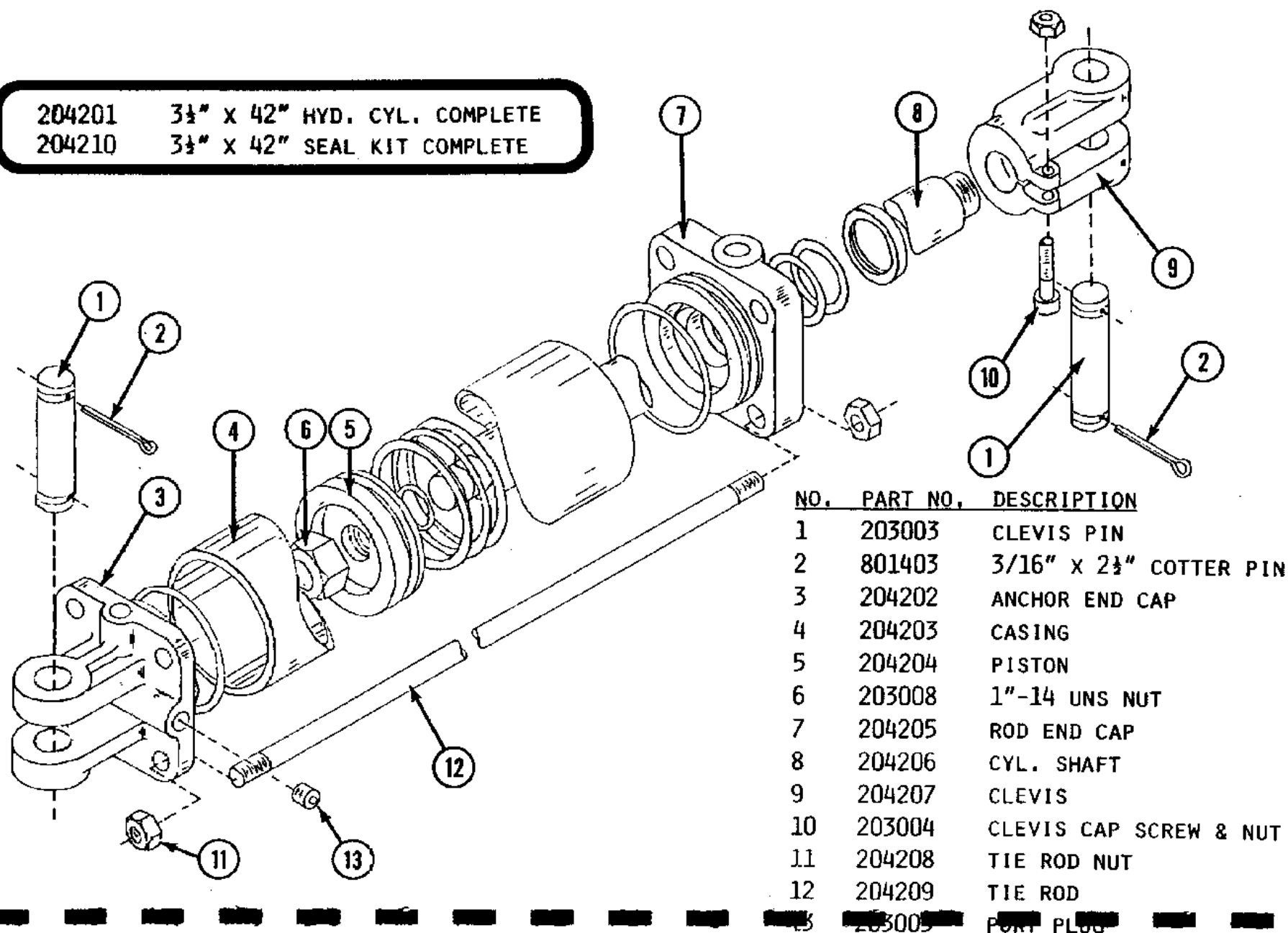
THE CLUTCH SHOULD THEN BE SLIPPED UNTIL IT STARTS TO SMOKE. THE SPRINGS SHOULD THEN BE SET TO THE DESIRED SPRING SETTING. SET ALL SPRINGS TO THE SAME LENGTH. NOTE THAT AFTER A CLUTCH HAS BEEN "RUN IN" IT WILL SLIP ABOUT 10% HIGHER THAN BEFORE.

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 YOURSELF), THE SPRINGS SHOULD BE TIGHTENED OR THE CLUTCH BURN UP AND FAIL.

SOME CLUTCHES MAY HAVE A SPRING STOP INSIDE THE SPRING TO PREVENT TIGHTENING THE SPRING BEYOND A PRESET LENGTH. CAUTION ! IF ATTEMPT IS MADE TO TIGHTEN THE SPRING BEYOND THE PRESET LENGTH, THE BOLT MAY BREAK AND THE SPRING WILL THE SPRING FLY OFF.

## ROCK-MASTER

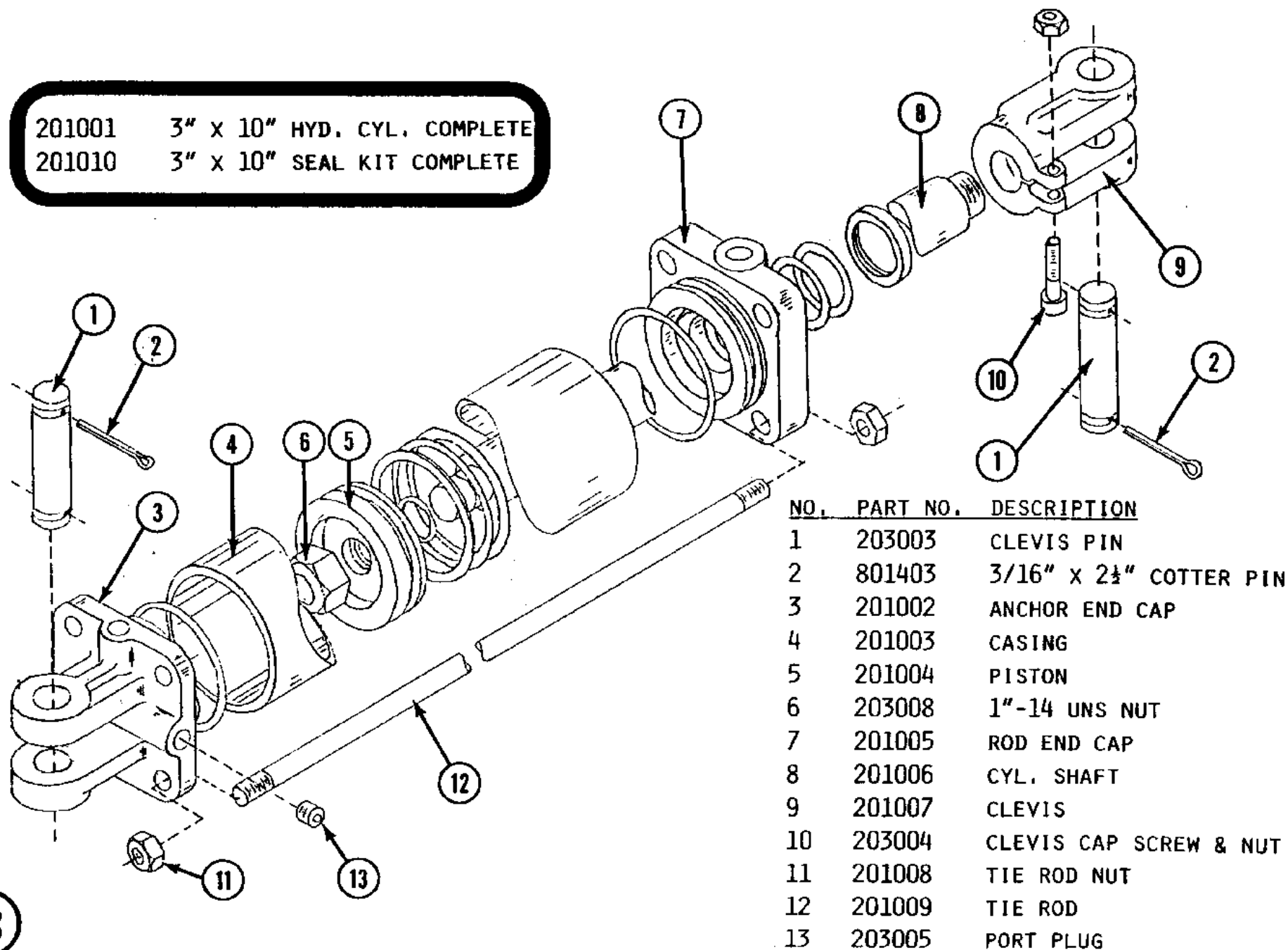
204201 3½" X 42" HYD. CYL. COMPLETE  
 204210 3½" X 42" SEAL KIT COMPLETE



| NO. | PART NO. | DESCRIPTION            |
|-----|----------|------------------------|
| 1   | 203003   | CLEVIS PIN             |
| 2   | 801403   | 3/16" X 2½" COTTER PIN |
| 3   | 204202   | ANCHOR END CAP         |
| 4   | 204203   | CASING                 |
| 5   | 204204   | PISTON                 |
| 6   | 203008   | 1"-14 UNS NUT          |
| 7   | 204205   | ROD END CAP            |
| 8   | 204206   | CYL. SHAFT             |
| 9   | 204207   | CLEVIS                 |
| 10  | 203004   | CLEVIS CAP SCREW & NUT |
| 11  | 204208   | TIE ROD NUT            |
| 12  | 204209   | TIE ROD                |
| 13  | 203005   | PORT PLUG              |

# ROCK-MASTER

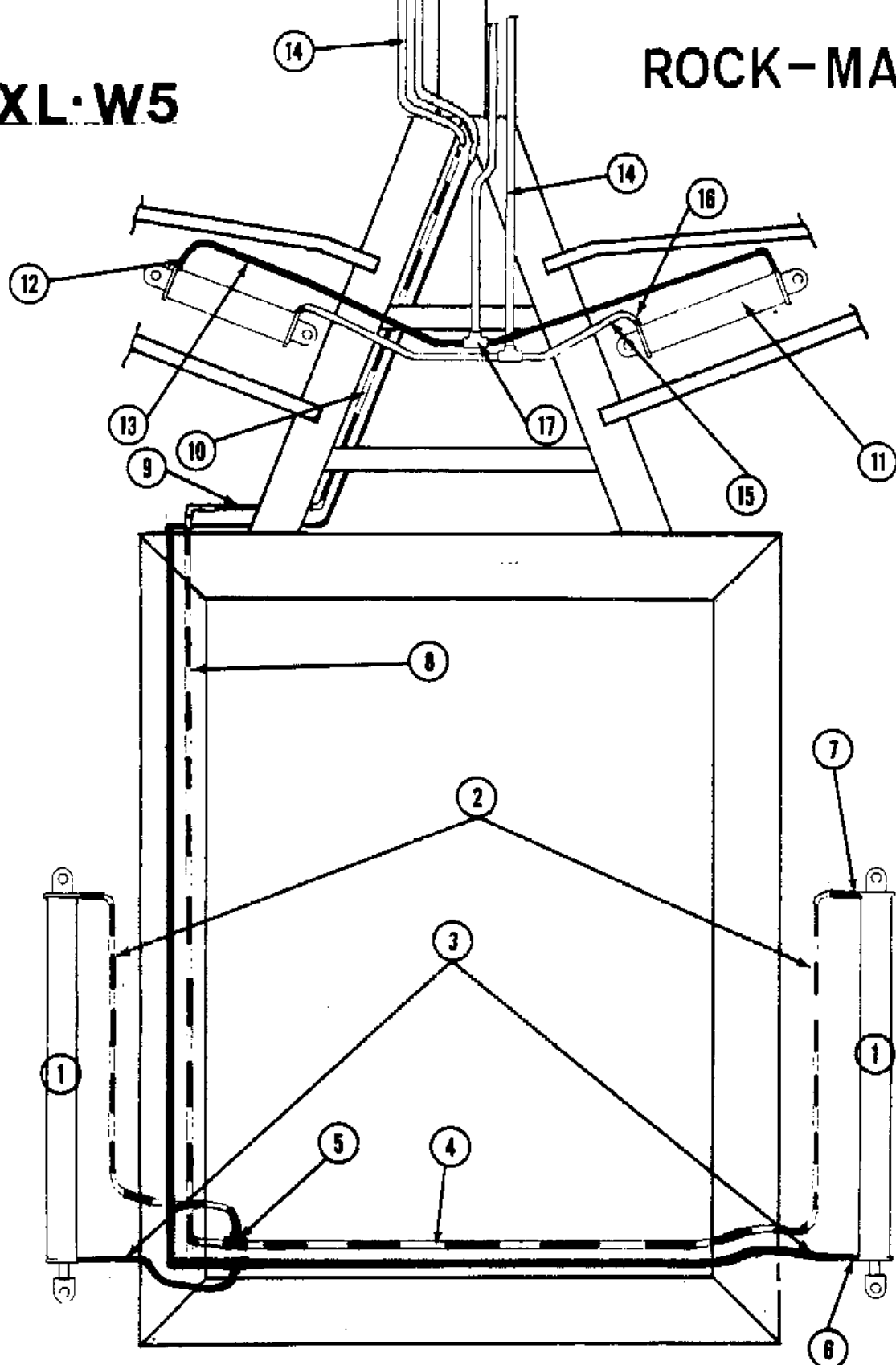
201001 3" X 10" HYD. CYL. COMPLETE  
201010 3" X 10" SEAL KIT COMPLETE



| NO. | PART NO. | DESCRIPTION               |
|-----|----------|---------------------------|
| 1   | 203003   | CLEVIS PIN                |
| 2   | 801403   | 3/16" X 2 1/2" COTTER PIN |
| 3   | 201002   | ANCHOR END CAP            |
| 4   | 201003   | CASING                    |
| 5   | 201004   | PISTON                    |
| 6   | 203008   | 1"-14 UNS NUT             |
| 7   | 201005   | ROD END CAP               |
| 8   | 201006   | CYL. SHAFT                |
| 9   | 201007   | CLEVIS                    |
| 10  | 203004   | CLEVIS CAP SCREW & NUT    |
| 11  | 201008   | TIE ROD NUT               |
| 12  | 201009   | TIE ROD                   |
| 13  | 203005   | PORT PLUG                 |

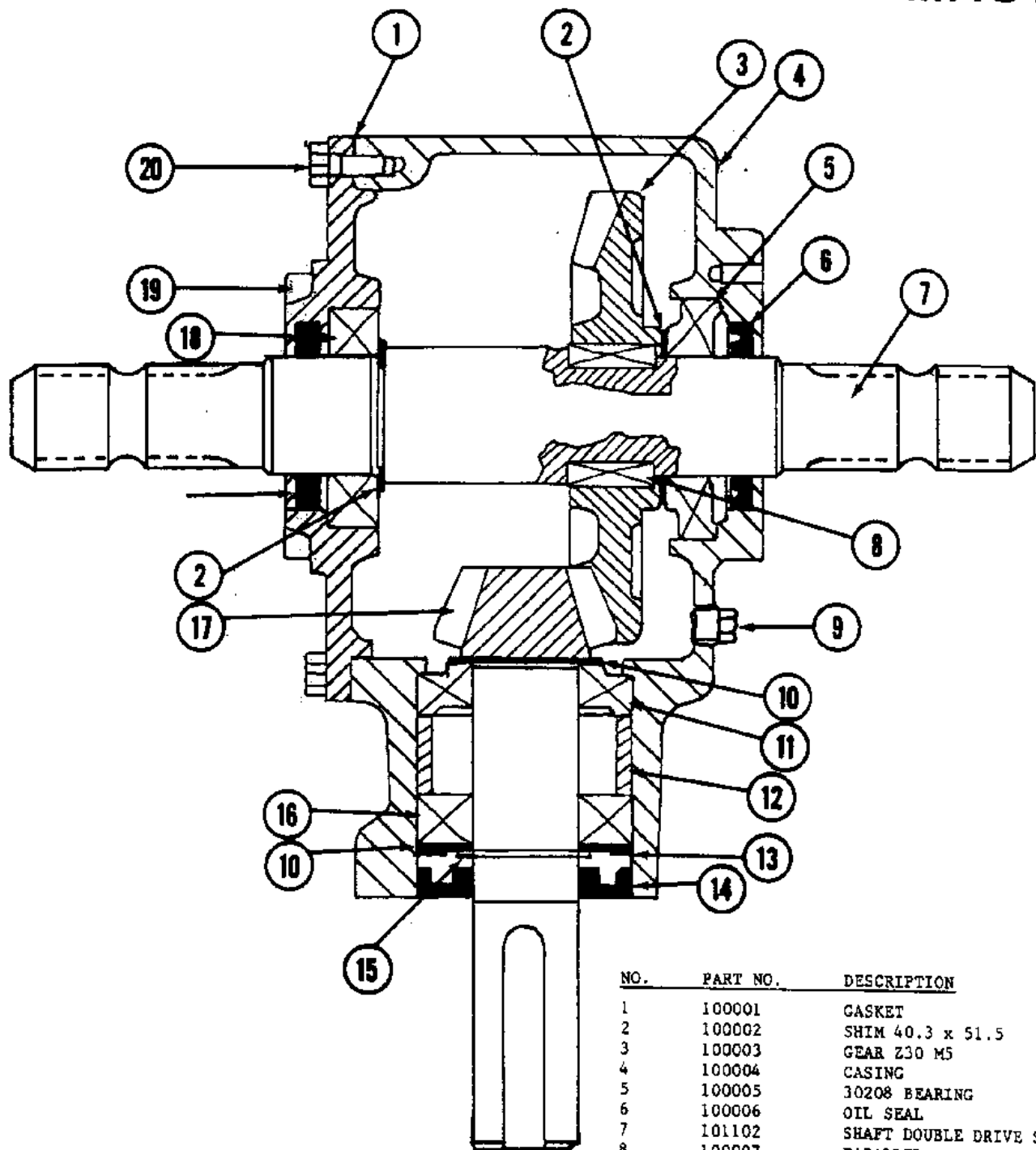
# XL·W5

# ROCK-MASTER



| NO. | PART NO. | DESCRIPTION            | NO. | PART NO. | DESCRIPTION          |
|-----|----------|------------------------|-----|----------|----------------------|
| 1   | 204201   | 3½" x 42" HYD. CYL.    | 10  | 601106   | 80" HYD. TUBING      |
| 2   | 601009   | 3/8" x 46" HYD. HOSE   | 11  | 201001   | 3" x 10" HYD. CYL.   |
| 3   | 601010   | 3/8" x 52" HYD. HOSE   | 12  | 601215   | 60UA-08 x 08 FITTING |
| 4   | 601120   | 66" HYD. TUBING        | 13  | 601011   | 1/2" x 30" HYD. HOSE |
| 5   | 601211   | 872-FS-08 FITTING      | 14  | 601003   | 3/8" x 96" HYD. HOSE |
| 6   | 601212   | 848-FS-08 x 08         | 15  | 601012   | 3/8" x 24" HYD. HOSE |
| 7   | 601209   | 849-FS-08 x 08 FITTING | 16  | 601214   | 61UA-06 x 08 FITTING |
| 8   | 601123   | 106" HYD. TUBING       | 17  | 601215   | 872-FS-08 FITTING    |
| 9   | 601016   | 3/8" x 27" HYD. HOSE   |     |          |                      |

# 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   | 101102   | SHAFT DOUBLE DRIVE SPLINED     |
| 8   | 100007   | PARALLEL KEY 10 x 8 x 30       |
| 9   | 100008   | 1/4" PLUG                      |
| 10  | 100009   | SHIM 35.3 x 48                 |
| 11  | 100010   | 30207 BEARING                  |
| 12  | 100011   | SPACER                         |
| 13  | 100012   | SNAP RING 72 UN17437           |
| 14  | 100013   | OIL SEAL                       |
| 15  | 100014   | SNAP RING 35 IN17435           |
| 16  | 100015   | 6207 BEARING                   |
| 17  | 100016   | PINION GEAR Z10 M5             |
| 18  | 101103   | 6208 BEARING                   |
| 19  | 101104   | DOUBLE DRIVE COVER             |
| 20  | 101018   | BOLT M8 x 20 8.8               |
|     | 101101   | DOUBLE DRIVE GEAR BOX 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.....      | 5' 6"             |
| DUMP HEIGHT.....        | 8'                |
| TIRES.....              | 16.5 x 16.1       |
| CYLINDERS.....          | 3½" x 42"         |
| CHAIN & SPROCKETS.....  | NO. 80            |
| PTO DRIVE.....          | 540 STD.          |
| HYDRAULIC PRESSURE..... | 2500 PSI          |
| BUCKET CAPACITY.....    | 2.4 CU. YD.       |
| WEIGHT.....             | 5420 IBS. 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.