

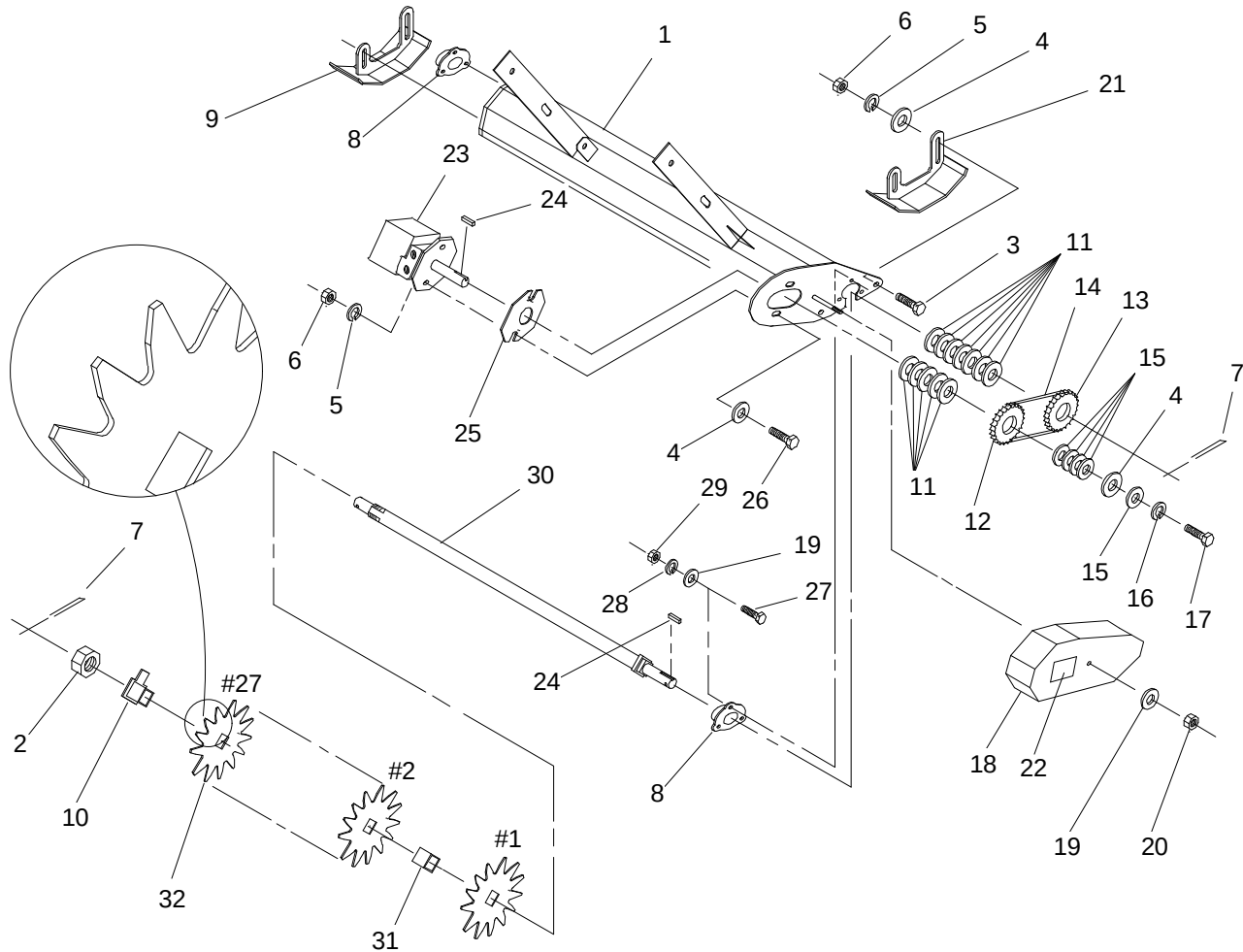


MODEL NO. 44031 - 20101 &amp; UP

# PARTS CATALOG

## THATCHING REEL 538

### ATTACHMENT FOR TURF SWEEPER 5400HL



## THATCHER ASSEMBLY

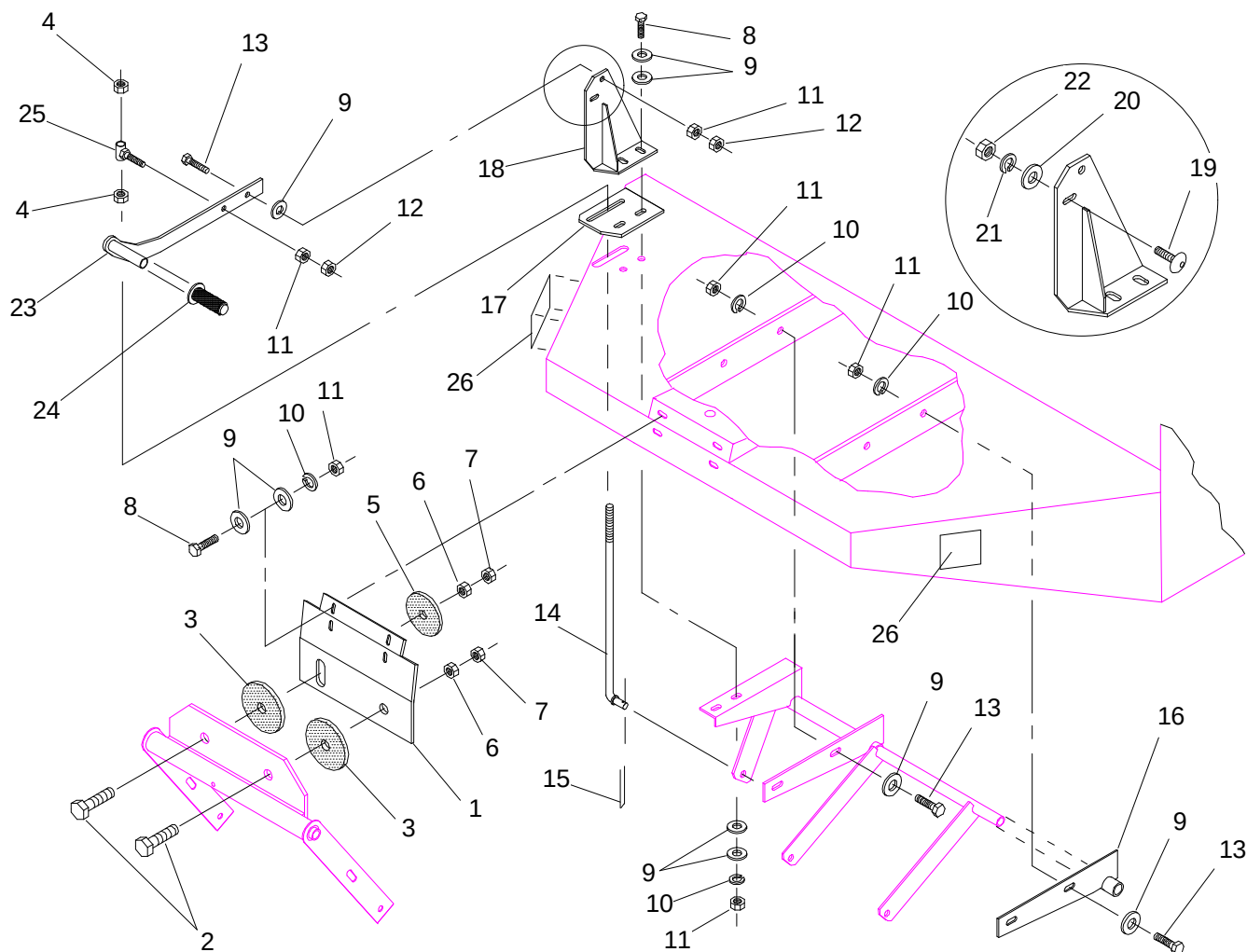
538-001

| Ref. No. | Part No.    | Description        | No. Used |
|----------|-------------|--------------------|----------|
| 1        | 53-805-0152 | Main Frame         | 1        |
| 2        | 01-191-2206 | Jam Nut            | 1        |
| 3        | 01-178-0812 | Capscrew - Hex Hd. | 4        |
| 4        | 01-166-0800 | Flat Washer        | 7        |
| 5        | 01-166-0810 | Lock Washer        | 6        |
| 6        | 01-188-0813 | Hex Nut            | 6        |
| 7        | 01-151-0020 | Cotter Pin         | 2        |
| 8        | 02-100-0260 | Bearing            | 2        |
| 9        | 53-805-0101 | Skid Shoe-R.H.     | 1        |
| 10       | 53-805-0221 | Locking Spacer     | 1        |
| 11       | 01-168-1610 | Machinery Bushing  | 12(var)  |
| 12       | 01-262-0050 | Sprocket           | 1        |
| 13       | 01-262-0530 | Sprocket           | 1        |
| 14       | 53-804-0711 | Chain, #50         | 1        |
| *        | 01-251-0020 | Offset Link        | 1        |
| 15       | 01-166-0400 | Flat Washer        | 5(var)   |
| 16       | 01-166-0410 | Lock Washer        | 1        |

| Ref. No. | Part No.    | Description        | No. Used |
|----------|-------------|--------------------|----------|
| 17       | 01-178-0408 | Capscrew - Hex Hd. | 1        |
| 18       | 53-805-0211 | Guard              | 1        |
| 19       | 01-166-0600 | Flat Washer        | 7        |
| 20       | 01-189-0616 | Lock Nut           | 1        |
| 21       | 53-805-0111 | Skid Shoe-L.H.     | 1        |
| 22       | 01-506-0050 | Decal - Danger     | 1        |
| 23       | 01-304-0400 | Hydraulic Motor    | 1        |
| 24       | 48-004-1931 | Key                | 2        |
| 25       | 53-204-0881 | Motor Spacer       | 1        |
| 26       | 01-178-0814 | Capscrew - Hex Hd. | 2        |
| 27       | 01-178-0612 | Capscrew - Hex Hd. | 6        |
| 28       | 01-166-0610 | Lock Washer        | 6        |
| 29       | 01-188-0616 | Hex Nut            | 6        |
| 30       | 53-805-0192 | Thatcher Shaft     | 1        |
| 31       | 53-204-0871 | Blade Spacer       | 26       |
| 32       | 53-004-0201 | Blade              | 27       |

\* Not Illustrated



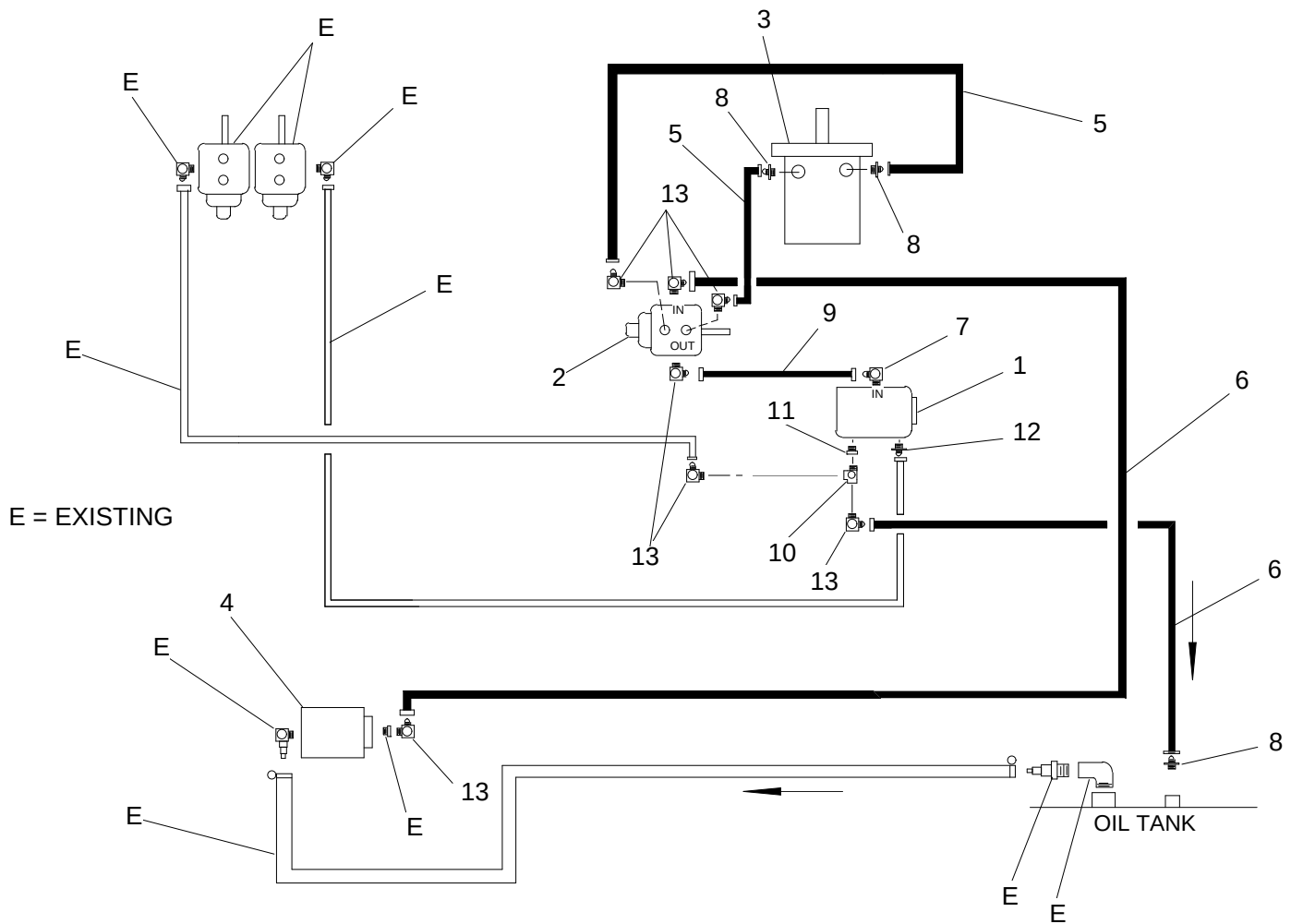


## THATCHER MOUNTING & LIFT ASSEMBLY

538-003

| Ref. No. | Part No.    | Description        | No. Used |
|----------|-------------|--------------------|----------|
| 1        | 53-804-0591 | Mounting Plate     | 1        |
| 2        | 01-179-1624 | Capscrew - Hex Hd. | 2        |
| 3        | 53-804-0471 | Pivot Washer       | 2        |
| 4        | 01-188-1011 | Hex Nut            | 2        |
| 5        | 53-804-0461 | Small Pivot Washer | 1        |
| 6        | 01-188-1614 | Hex Nut            | 2        |
| 7        | 01-191-1614 | Jam Nut            | 2        |
| 8        | 01-178-0816 | Capscrew - Hex Hd. | 6        |
| 9        | 01-166-0800 | Flat Washer        | 21       |
| 10       | 01-166-0810 | Lock Washer        | 10       |
| 11       | 01-188-0813 | Hex Nut            | 12       |
| 12       | 01-191-0813 | Jam Nut            | 2        |
| 13       | 01-178-0812 | Capscrew - Hex Hd. | 5        |

| Ref. No. | Part No.    | Description      | No. Used |
|----------|-------------|------------------|----------|
| 14       | 53-805-0131 | Lift Rod         | 1        |
| 15       | 01-151-0100 | Cotter Pin       | 1        |
| 16       | 53-805-0201 | Lift Bracket     | 1        |
| 17       | 53-804-0571 | Brace Plate      | 1        |
| 18       | 53-805-0121 | Lift Rod Bracket | 1        |
| 19       | 01-173-0610 | Carriage Bolt    | 1        |
| 20       | 01-166-0600 | Flat Washer      | 1        |
| 21       | 01-166-0610 | Lock Washer      | 1        |
| 22       | 01-188-0616 | Hex Nut          | 1        |
| 23       | 53-805-0181 | Lift Handle      | 1        |
| 24       | 01-259-0050 | Handle Grip      | 1        |
| 25       | 53-805-0161 | Pivot Bolt       | 1        |
| 26       | 01-506-0340 | Decal - Danger   | 2        |



## HYDRAULIC SCHEMATIC

538-004

| Ref. No. | Part No.    | Description               | No. Used |
|----------|-------------|---------------------------|----------|
| 1        | 01-308-0590 | Flow Control Valve        | 1        |
| 2        | 01-308-0160 | Valve w/Detent            | 1        |
| 3        | 01-304-0400 | Hyd. Motor                | 1        |
| 4        | 01-305-0690 | Hyd. Pump                 | 1        |
| 5        | 01-312-0290 | Hose Assembly, 3/8" x 72" | 2        |
| 6        | 01-312-0840 | Hose Assembly, 3/8" x 36" | 2        |
| 7        | 01-201-0940 | Hyd. Fitting, 2501-6-12   | 1        |

| Ref. No. | Part No.    | Description               | No. Used |
|----------|-------------|---------------------------|----------|
| 8        | 01-201-0810 | Hyd. Fitting, 2404-6-8    | 3        |
| 9        | 01-312-0820 | Hose Assembly, 3/8" x 15" | 1        |
| 10       | 01-201-1870 | Tee Fitting, 5602-6       | 1        |
| 11       | 01-201-1120 | Hyd. Fitting, 5406-12-6   | 1        |
| 12       | 01-201-0500 | Hyd. Fitting, 2404-4-6    | 1        |
| 13       | 01-201-0530 | Hyd. Fitting, 2501-6-6    | 7        |

# PART NUMBER INDEX

| Part No.    | Description        | Pg. No. | Ref. No. | Qty. | Part No.    | Description        | Pg. No. | Ref. No. | Qty. |
|-------------|--------------------|---------|----------|------|-------------|--------------------|---------|----------|------|
| 01-151-0020 | Cotter Pin         | 1       | 7        | 2    | 01-201-1120 | Hyd. Fitting       | 4       | 11       | 1    |
| 01-151-0100 | Cotter Pin         | 3       | 15       | 1    | 01-201-1870 | Tee Fitting        | 4       | 10       | 1    |
| 01-166-0400 | Flat Washer        | 1       | 15       | 5    | 01-215-0010 | Grease Zerk        | 2       | 2        | 1    |
| 01-166-0410 | Lock Washer        | 1       | 16       | 1    | 01-251-0020 | Offset Link        | 1       | *        | 1    |
| 01-166-0600 | Flat Washer        | 1       | 19       | 7    | 01-259-0050 | Handle Grip        | 3       | 24       | 1    |
| 01-166-0600 | Flat Washer        | 3       | 20       | 1    | 01-262-0050 | Sprocket           | 1       | 12       | 1    |
| 01-166-0610 | Lock Washer        | 1       | 28       | 6    | 01-262-0530 | Sprocket           | 1       | 13       | 1    |
| 01-166-0610 | Lock Washer        | 3       | 21       | 1    | 01-304-0400 | Hyd. Motor         | 4       | 3        | 1    |
| 01-166-0800 | Flat Washer        | 1       | 4        | 7    | 01-304-0400 | Hydraulic Motor    | 1       | 23       | 1    |
| 01-166-0800 | Flat Washer        | 2       | 4        | 16   | 01-305-0690 | Hyd. Pump          | 4       | 4        | 1    |
| 01-166-0800 | Flat Washer        | 3       | 9        | 21   | 01-308-0160 | Valve w/Detent     | 4       | 2        | 1    |
| 01-166-0810 | Lock Washer        | 1       | 5        | 6    | 01-308-0590 | Flow Control Valve | 4       | 1        | 1    |
| 01-166-0810 | Lock Washer        | 2       | 5        | 6    | 01-312-0290 | Hose Assembly      | 4       | 5        | 2    |
| 01-166-0810 | Lock Washer        | 3       | 10       | 10   | 01-312-0820 | Hose Assembly      | 4       | 9        | 1    |
| 01-168-1610 | Machinery Bushing  | 1       | 11       | 12   | 01-312-0840 | Hose Assembly      | 4       | 6        | 2    |
| 01-173-0610 | Carriage Bolt      | 3       | 19       | 1    | 01-506-0050 | Decal - Danger     | 1       | 22       | 1    |
| 01-178-0408 | Capscrew - Hex Hd. | 1       | 17       | 1    | 01-506-0340 | Decal - Danger     | 3       | 26       | 2    |
| 01-178-0612 | Capscrew - Hex Hd. | 1       | 27       | 6    | 02-100-0260 | Bearing            | 1       | 8        | 2    |
| 01-178-0812 | Capscrew - Hex Hd. | 1       | 3        | 4    | 48-004-1931 | Key - Sq.          | 1       | 24       | 2    |
| 01-178-0812 | Capscrew - Hex Hd. | 2       | 3        | 4    | 53-004-0201 | Blade              | 1       | 32       | 27   |
| 01-178-0812 | Capscrew - Hex Hd. | 3       | 13       | 5    | 53-204-0871 | Blade Spacer       | 1       | 31       | 26   |
| 01-178-0814 | Capscrew - Hex Hd. | 1       | 26       | 2    | 53-204-0881 | Motor Spacer       | 1       | 25       | 1    |
| 01-178-0816 | Capscrew - Hex Hd. | 3       | 8        | 6    | 53-804-0391 | Lift Strap         | 2       | 9        | 4    |
| 01-179-1624 | Capscrew - Hex Hd. | 3       | 2        | 2    | 53-804-0461 | Small Pivot Washer | 3       | 5        | 1    |
| 01-182-0816 | Capscrew - Hex Hd. | 2       | 8        | 4    | 53-804-0471 | Pivot Washer       | 3       | 3        | 2    |
| 01-188-0616 | Hex Nut            | 1       | 29       | 6    | 53-804-0571 | Brace Plate        | 3       | 17       | 1    |
| 01-188-0616 | Hex Nut            | 3       | 22       | 1    | 53-804-0591 | Mounting Plate     | 3       | 1        | 1    |
| 01-188-0813 | Hex Nut            | 1       | 6        | 6    | 53-804-0711 | Chain              | 1       | 14       | 1    |
| 01-188-0813 | Hex Nut            | 2       | 6        | 8    | 53-805-0101 | Skid Shoe-R.H.     | 1       | 9        | 1    |
| 01-188-0813 | Hex Nut            | 3       | 11       | 12   | 53-805-0111 | Skid Shoe-L.H.     | 1       | 21       | 1    |
| 01-188-1011 | Hex Nut            | 3       | 4        | 2    | 53-805-0121 | Lift Rod Bracket   | 3       | 18       | 1    |
| 01-188-1614 | Hex Nut            | 3       | 6        | 2    | 53-805-0131 | Lift Rod           | 3       | 14       | 1    |
| 01-189-0616 | Lock Nut           | 1       | 20       | 1    | 53-805-0143 | Main Arm           | 2       | 1        | 1    |
| 01-191-0813 | Jam Nut            | 2       | 10       | 2    | 53-805-0152 | Main Frame         | 1       | 1        | 1    |
| 01-191-0813 | Jam Nut            | 3       | 12       | 2    | 53-805-0161 | Pivot Bolt         | 3       | 25       | 1    |
| 01-191-1614 | Jam Nut            | 3       | 7        | 2    | 53-805-0173 | Lift Assembly      | 2       | 7        | 1    |
| 01-191-2206 | Jam Nut            | 1       | 2        | 1    | 53-805-0181 | Lift Handle        | 3       | 23       | 1    |
| 01-201-0500 | Hyd. Fitting       | 4       | 12       | 1    | 53-805-0192 | Thatcher Shaft     | 1       | 30       | 1    |
| 01-201-0530 | Hyd. Fitting       | 4       | 13       | 7    | 53-805-0201 | Lift Bracket       | 3       | 16       | 1    |
| 01-201-0810 | Hyd. Fitting       | 4       | 8        | 3    | 53-805-0211 | Guard              | 1       | 18       | 1    |
| 01-201-0940 | Hyd. Fitting       | 4       | 7        | 1    | 53-805-0221 | Locking Spacer     | 1       | 10       | 1    |

## PRODUCT CHANGES

In an effort to make improvements available to TORO owners as quickly as possible minor changes are incorporated into Toro's products from time to time that do not become immediately shown in the Parts Catalog. If such a change has been made in your unit which is not reflected in your manual see your TORO Distributor or an Authorized Service Dealer for information and part numbers.

## IDENTIFICATION & ORDERING

### MODEL AND NUMBERS

The THATCHING REEL 538 has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the main frame. In any correspondence concerning the Thatching Reel 538, supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from your TORO Distributor or an Authorized Service Dealer, supply the following information:

1. Model and serial number of the unit.
2. Part number description and the quantity of part (s) desired.

NOTE: Do not order by reference number if a parts catalog is being used: use the PART NUMBER.

## TABLE OF CONTENTS

| Description                                 | Page  | Description                   | Page |
|---------------------------------------------|-------|-------------------------------|------|
| Thatcher Assembly . . . . .                 | 2 - 3 | Hydraulic Schematic . . . . . | 5    |
| Thatcher Mounting & Lift Assembly . . . . . | 4     | Part Number Index . . . . .   | 6    |

## NOTES

## MAINTENANCE RECORD

[illegible]