# Illustrated Parts Manual

# *Model 1500AJP*

**PVC**
**2001**
**2007**

**P/N 31215062**

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***ANSI***

***CE***

An Oshkosh Corporation Company



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## FIGURE 3-27. 7500W SKYPOWER GENERATOR INSTALLATION - 50HZ

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001200779 | Ref | 7500W SKYPOWER GENERATOR INSTALLATION - 50HZ | C |
| | | Ref | Note: See ELECTRICAL SECTION for Boom Cable Installation. | |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100019 | AR | Compound, Locking | |
| 3 | 0100048 | AR | Grease, Dielectric | |
| 4 | 0700818001 | 3 | Bolt M8 x 50 | |
| 5 | 0701018 | 1 | Bolt M10 x 50 | |
| 6 | 0741607 | 3 | Screw 3/8 x 7/8 | |
| 7 | 0760606 | 1 | Bolt M6 x 12 | |
| 8 | 0760610 | 4 | Bolt M6 x 20 | |
| 9 | 0761212 | 2 | Bolt M12 x 25 | |
| 10 | 0861572 | 1 | Box, Generator Control | |
| 10 | 7024488 | 1 | Card, Circuit - Generator Power (Not Shown) | |
| 10 | See Note | 1 | Fuse (Note: Not Available Purchase Locally) | |
| 10 | 7024489 | 1 | Card, Circuit - Control (Not Shown) | |
| | | Ref | Note: When replacing card, rocker switch on card must be set for required application. | |
| 10 | 70000619 | 1 | Circuit Card Harness | |
| 10 | 77363232 | 1 | Connector - 6 Position | |
| 10 | See Note | NSS | Connector - 3 Position (Note: Not Available for Purchase) | |
| 11 | 0902888 | 1 | Bracket | |
| 12 | 0962520 | 1 | Bushing | |
| 13 | 2820031 | AR | Heat Shrink | |
| 14 | 3251102 | 1 | Nameplate, Generator | |
| 15 | 8305919 | 4 | Nut, Retainer M6 | |
| 16 | 3290805001 | 3 | Nut M8 | |
| 17 | 3291201 | 2 | Nut M12 | |
| 18 | 3311005 | 4 | Nut #10 | |
| 19 | 3580317 | 1 | Tensioner, Belt with Pulley | |
| 20 | 3580318 | 1 | Pulley, Generator | |
| 21 | 3931016 | 4 | Capscrew #10 x 1 | |
| 22 | 4060802 | 1 | Guard, Switch | |
| 23 | 4240018 | AR | Tie-Strap (Not Shown) | |
| 24 | 4360336 | 1 | Switch, Toggle | |
| 25 | 4751000 | 4 | Washer #10 | |
| 26 | 4711700 | 4 | Washer M6 | |
| 27 | 4811900001 | 6 | Washer M8 | |
| 28 | 4812000 | 1 | Washer M10 | |
| 29 | 4871700 | 2 | Washer M6 | |
| 30 | 5241200 | 4 | Washer M12 | |
| 31 | 1001155041 | 2 | Stud | |
| 32 | 1001155338 | 1 | Bracket | |
| 33 | 1001155348 | 1 | Generator, 7500W | |
| 33 | 70001100 | 1 | Rotor (Includes p/n 70001384 & 70000863) (Not Shown) | |
| 33 | 70001384 | 1 | Bearing, Shaft (Rear) (Not Shown) | |
| 33 | 70000863 | 1 | Fan, Generator (Not Shown) | |
| 33 | 70005651 | 1 | Stator (Not Shown) | |
| 33 | 70002297 | 2 | Stud 1/4 x 12-7/8 (Not Shown) | |
| 33 | 70003631 | 1 | Brushholder Assembly (Not Shown) | |
| 33A | 70004171 | 1 | Key | |



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## FIGURE 5-20. CONTROLLER ASSEMBLY (LIFT AND SWING)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001166539 | Ref | CONTROLLER ASSEMBLY | D |
| | | Ref | Note: Original Equipment Controller May Have Been Replaced with Service Replacement Controller. Visually Identify Controller Before Ordering Parts. | |
| | | Ref | Note: Use p/n 1001129555 as Replacement. | |
| 1 | See Note | NSS | Main Cast Body (Note: Not Available - Purchase Complete Assembly) | |
| 2 | 70004752 | 1 | Adapter | |
| 3 | See Note | NSS | Pivot Arm, Plastic (Note: Not Available - Purchase Complete Assembly) | |
| 4 | See Note | NSS | Holder, Magnet (Note: Not Available - Purchase Complete Assembly) | |
| 5 | See Note | NSS | Arc, Magnet (Note: Not Available - Purchase Complete Assembly) | |
| 6 | See Note | NSS | Screw (Note: Not Available for Purchase) | |
| 7 | See Note | NSS | Pivot Arm, Cast (Note: Not Available - Purchase Complete Assembly) | |
| 8 | See Note | NSS | Shaft, Main (Note: Not Available - Purchase Complete Assembly) | |
| 9 | See Note | NSS | Bearing (Note: Not Available - Purchase Complete Assembly) | |
| 10 | See Note | NSS | Pin (Note: Not Available - Purchase Complete Assembly) | |
| 11 | See Note | NSS | Shim (Note: Not Available - Purchase Complete Assembly) | |
| 12 | See Note | NSS | Pin (Note: Not Available - Purchase Complete Assembly) | |
| 13 | See Note | NSS | Bearing (Note: Not Available - Purchase Complete Assembly) | |
| 14 | See Note | NSS | Dome, Centering (Note: Not Available - Purchase Complete Assembly) | |
| 15 | 70004753 | 1 | Cap | |
| 16 | 70004754 | 1 | Insert, Cap | |
| 17 | 70004755 | 3 | Pin | |
| 18 | 70004756 | 2 | Washer | |
| 19 | 70004757 | 1 | Pin, Centering | |
| 20 | 70004758 | 1 | Spring | |
| 21 | 70004759 | 1 | Ring, Retaining | |
| 22 | 70004760 | 1 | E-Ring | |
| 23 | 70004761 | 1 | Can, Enclosure | |
| 24 | 70004762 | 1 | Boot | |
| 25 | 70004763 | 1 | Bezel | |
| 26 | See Note | NSS | Screw (Note: Not Available for Purchase) | |
| 27 | See Note | NSS | Base Mounting (Note: Not Available - Purchase Complete Assembly) | |
| 28 | See Note | NSS | Screw (Note: Not Available for Purchase) | |
| 29 | 70004764 | 4 | Screw | |
| 30 | 70004765 | 4 | Screw | |
| 31 | 70004766 | 1 | O-Ring | |
| 32 | See Note | NSS | Plate (Note: Not Available - Purchase Complete Assembly) | |
| 33 | See Note | NSS | Harness (Note: Not Available - Purchase Complete Assembly) | |
| 34 | 70004767 | 1 | Grommet, Rubber | |
| 35 | 70004768 | 1 | Housing | |
| 36 | 70004769 | 1 | Spring | |
| 37 | 70004770 | 1 | Stopper | |
| 38 | 70004771 | 1 | Spacer | |
| 39 | 70004772 | 1 | Washer | |
| 40 | 70004773 | 1 | Disc | |



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## FIGURE 6-4. LIFT CYLINDER ASSEMBLY - MAIN BOOM

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228094 | Ref | LIFT CYLINDER ASSEMBLY - MAIN BOOM | B |
| 1 | See Note | NSS | Barrel Weldment (Note: Not Available for Purchase) | |
| 2 | 70006546 | 2 | Rod | |
| 3 | 70006545 | 2 | Head | |
| 4 | See Note | NSS | Wiper (Note: Use Item 100) | |
| 5 | See Note | NSS | Seal (Note: Use Item 100) | |
| 6 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 7 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 8 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 9 | 1001202201 | 2 | Piston | |
| 10 | See Note | NSS | Seal (Note: Use Item 100) | |
| 11 | See Note | NSS | Ring, Lock (Note: Use Item 100) | |
| 12 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 13 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 14 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 15 | 0961898 | 2 | Bushing | |
| 16 | 0630536 | 6 | Capscrew 3/8 x 1-1/2 | |
| 17 | 2220886 | 6 | Plug #8 | |
| 18 | 1001204041 | 1 | Valve Assembly | C |
| 18A | 70005659 | 1 | Cartridge, Valve (Counterbalance) | |
| 18A | 7011376 | 1 | Seal Kit - 70005659 Valve | |
| 18C | 70005658 | 1 | Cartridge, Valve (Shuttle) | |
| 18C | 7026004 | 1 | Seal Kit - 70005658 Valve | |
| 18D | 70004406 | 1 | Cartridge, Valve (Check) | |
| 18D | 7011351 | 1 | Seal Kit - 70004406 Valve | |
| 18E | 70000778 | 2 | O-Ring | |
| 18F | 1001156033 | 1 | Cartridge, Valve (Counterbalance) | |
| 18F | 7024574 | 1 | Seal Kit - 1001156033 Valve | |
| 18G | 70005598 | 1 | Plug #6 | |
| 19 | 5272024 | 4 | Capscrew M10 x 110 | |
| 20 | 2220887 | 3 | Plug #10 | |
| 21 | 2220883 | 1 | Plug #4 | |
| 23 | 3932272 | 30 | Capscrew 3/4 x 4-1/2 | |
| 24 | 1001202236 | 2 | Ring, Washer | |
| 25 | 1001198762 | 4 | Bearing | |
| 26 | 0100011 | AR | Compound, Locking | |
| 27 | 0100038 | AR | Primer, Locking | |
| 100 | 1001202539 | 2 | Kit Seal - Cylinder (Includes Items 4-8 & 10-14) | |



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