# Illustrated Parts Manual

## *Models*

## *600S*
## *600SJ*
## *660SJ*

PRIOR TO
SN 0300068000

**P/N**
**3120720**

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***ANSI***

An Oshkosh Corporation Company



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| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 201 | | Ref | Muffler Options: | |
| 201 | 3220103 | 1 | Spark Arresting | |
| 201 | 3220104 | 1 | Catalytic | |
| 201 | | Ref | Muffler Components: | |
| 201 | | Ref | Clamp Options: | |
| 201 | 1320176 | 1 | Saddle Clamp Used on Spark Arresting | |
| 201 | 70001017 | 1 | Band Clamp Used on Catalytic | |
| 201 | 7024398 | 1 | Tube, Exhaust | |
| 201 | 7024560 | 1 | Plug, Brass | |
| | 0258568 | Ref | **MUFFLER INSTALLATION - UL** | 2 |
| 251 | 3220113 | 1 | Muffler, Spark Arrestor | |
| 252 | 3570754 | 1 | Plate, Muffler Mount | |
| 253 | 4845799 | 1 | Weldment, Exhaust Tube | |
| 254 | 3900232 | 5 | Bolt, Button Head 3/8in-16NC x 1-1/4in | |
| 255 | 4751600 | 5 | Flatwasher 3/8in Regular | |
| 256 | 3311601 | 5 | Nut 3/8in-16NC | |
| 257 | 0100011 | AR | Compound, Locking | |
| 258 | 0902472 | 1 | Bracket | |
| 259 | 4567429 | 1 | Tube, Exhaust | |
| 260 | 4567430 | 1 | Tube, Exhaust | |
| 261 | 4567431 | 1 | Tube, Exhaust | |
| 262 | 3220111 | 1 | Spark Arrestor | |
| 263 | 0340046 | 2 | Band, Muffler | |
| 264 | 0641507 | 4 | Bolt 5/16in-18NC x 7/8in | |
| 265 | 4711500 | 8 | Flatwasher 5/16in Thin | |
| 266 | 3311505 | 4 | Locknut 5/16in-18NC | |
| 267 | 4100025 | 3.5 ft /1.06m | Sleeve | |
| | 2000146 | Ref | **ENGINE COMPONENTS (UL AND NON-ADE MACHINES)** | |
| 351 | | Ref | Fuel Filter/Water Separator options: | |
| 351 | 7016328 | 1 | Element, Filter (Thumbscrew Mounted) (was p/n 7016639) | |
| 351 | 7020023 | 1 | Element, Filter (Spin-On) (was p/n 7012598) | |
| 352 | 7000663 | 1 | Alternator (was p/n 7016329, 7020436 & 7020410) | |
| 353 | 7016330 | 1 | Switch, Oil Pressure (Not Shown) | |
| 353 | 7020025 | 1 | Switch, Oil Temperature (Not Shown) | |
| 354 | 7016331 | 1 | Filter, Oil (was p/n 7016641) | |
| 354 | See Note | 1 | Head, Oil Filter (Note: Not Available for Purchase) | |
| 354 | 70002813 | 1 | Seal, Oil Filter Head to Engine Block | |
| 355 | 7016332 | 1 | Starter | |
| 356 | 7016640 | 1 | Dipstick Kit - Engine Oil (Not Shown) | |
| 356 | 70001002 | 1 | Tube, Dipstick (Not Shown) | |
| 357 | 7020025 | 1 | Switch, Engine Temperature (Not Shown) | |
| 358 | 7020414 | 1 | V-Belt | |
| 359 | 7019607 | 1 | Throttle Shutdown (was p/n 7016359) | |
| 360 | | Ref | Pump, Fuel Injector Options: | |
| | | Ref | **Note: Customer must supply Engine Serial Number before ordering.** | |
| 360 | 7012599 | 4 | Pump, Fuel Injector Option 1 | |
| 360 | 7020022 | 4 | Pump, Fuel Injector Option 2 | |
| 360 | 7020427 | 4 | Pump, Fuel Injector Option 3 | |
| 360 | 7026522 | 4 | Injector, Fuel (Includes Nozzle Element) (Not Shown) | |
| 360 | 7020425 | 4 | Nozzle (Not Shown) | |



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## FIGURE 5-14. TELESCOPE CYLINDER ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **TELESCOPE CYLINDER ASSEMBLY** | |
| | 1683248 | Ref | **Telescope Cylinder Assembly 600S & 660SJ (Prior to SN 0300034517)** | 2-G |
| | 1683618 | Ref | **Telescope Cylinder Assembly 600S & 660SJ (SN 0300034517 through 0300068000)** | 3-D |
| | 1683357 | Ref | **Telescope Cylinder Assembly 600SJ (Prior to SN 0300034517)** | 1-C |
| | 1683620 | Ref | **Telescope Cylinder Assembly 600SJ (SN 0300034517 through 0300068000)** | 2-C |
| 1 | | Ref | Barrel Options: | |
| 1 | 1683249 | 1 | Barrel 600S & 660SJ **(Prior to SN 0300034517)** | |
| 1 | 1683619 | 1 | Barrel 600S & 660SJ **(SN 0300034517 through 0300068000)** | |
| 1 | 1683358 | 1 | Barrel 600SJ **(Prior to SN 0300034517)** | |
| 1 | 1683621 | 1 | Barrel 600SJ **(SN 0300034517 through 0300068000)** | |
| 2 | | Ref | Rod Options: | |
| 2 | 1683250 | 1 | Rod 600S & 660SJ | |
| 2 | 1683359 | 1 | Rod 600SJ | |
| 3 | 1683057 | 1 | Head | |
| 4 | 3480205 | 1 | Piston | |
| 5 | 0961897 | 1 | Bushing, Tapered | |
| 6 | 4566644 | 1 | Spacer, Tube | |
| 7 | | Ref | Valve Assembly Options: (No serviceable parts - sold as assembly only) | |
| 7 | 4640862 | 1 | Valve Assembly **(Prior to SN 0300034517)** | |
| 7 | 4641028 | 1 | Valve Assembly **(SN 0300034517 through 0300068000)** | |
| 7 | 7024397 | 2 | O-Rings Between Valve Block and Cylinder | |
| 8 | 2220885 | 6 | Plug, O-Ring | |
| 9 | 3931620 | 8 | Capscrew 3/8in-16NC x 1-1/4in | |
| 10 | 3760369 | 1 | Ring, Washer | |
| 11 | 3931448 | 4 | Capscrew 1/4in-20NC x 3in | |
| 12 | 3931508 | 1 | Capscrew 5/16in-18NC x 1/2in | |
| 13 | See Note | NSS | Wiper (Note: Use Item 100) | |
| 14 | See Note | NSS | Seal, Rod (Note: Use Item 100) | |
| 15 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 16 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 17 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 18 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 19 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 20 | See Note | NSS | T-Seal (Note: Use Item 100) | |
| 21 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 22 | 0100011 | AR | Compound, Locking | |
| 23 | 0100038 | AR | Primer, Locking | |
| 25 | 0630535 | 3 | Bolt 1/4in-20NC x 1-1/8in | |
| 100 | 2901284 | 1 | Seal Kit (Includes Items 13-21) | |



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| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **220 Volt (ADE SYSTEM)** | |
| | 4933162 | Ref | **220 Volt (ADE SYSTEM) (SN 0300061927 through 0300063909)** | 1-A |
| | See Note | Ref | **220 Volt (ADE SYSTEM) (Note: See Note at Top) (SN 0300063910 through 0300064498)** | |
| | 4933216 | Ref | **220 Volt (ADE SYSTEM) (SN 0300064499 through 0300068000)** | 1-A |
| | | Ref | **GLOW PLUG DIAGRAMS:** | |
| | 4933175 | Ref | **Glow Plug Diagram (Prior to SN 0300061927)** | B |
| | 4922542 | 1 | Harness | |
| | 4933189 | Ref | **Glow Plug Diagram (ADE System) (SN 0300061927 through 0300063909)** | A |
| | See Note | Ref | **Glow Plug Diagram (ADE System) (Note: See Note at Top) (SN 0300063910 through 0300064498)** | |
| | 4933217 | Ref | **Glow Plug Diagram (ADE System) (SN 0300064499 through 0300068000)** | B |
| | | Ref | **LIGHTS ELECTRICAL DIAGRAMS:** | |
| | 4932839 | Ref | **Headlight/Taillight (Prior to SN 0300035129)** | 1-A |
| | 4932917 | Ref | **Headlight/Taillight (SN 0300035129 through 0300061926)** | 3-D |
| | 4922095 | 1 | Harness (Located in Platform Console Box) | |
| | 3740049 | 1 | Relay | |
| | 4932917 | Ref | **Headlight/Taillight (ADE System) (SN 0300061927 through 0300063909)** | 3-D |
| | 4922095 | 1 | Harness (Located in Ground Console Box) | |
| | 3740049 | 1 | Relay | |
| | See Note | Ref | **Headlight/Taillight (ADE System) (Note: See Note at Top) (SN 0300063910 through 0300064498)** | |
| | 4933219 | Ref | **Headlight/Taillight (ADE System) (SN 0300064499 through 0300068000)** | 1-B |
| | 4922643 | 1 | Harness (Located in Ground Console Box) | |
| | 3740049 | 1 | Relay | |
| | | Ref | **OIL COOLER ELECTRICAL DIAGRAMS:** | |
| | 0256779 | Ref | **Continental Engine** | |
| | 1282668 | Ref | **Continental Engine** | |
| | 0256762 | Ref | **Deutz Engine** | |
| | 1282665 | Ref | **Deutz Engine** | |
| | 0256777 | Ref | **Ford Engine** | |
| | 1282663 | Ref | **Ford Engine** | |
| | | Ref | **PLATFORM ELECTRICAL DIAGRAMS:** | |
| | 4932848 | Ref | **Platform Electrical Diagrams (Prior to SN 0300029430)** | |
| | 4932914 | Ref | **Platform Electrical Diagrams (SN 0300029430 through 0300035128)** | |
| | 4932905 | Ref | **Platform Electrical Diagrams (SN 0300035129 through 0300061926)** | |
| | 4922509 | Ref | **Platform Electrical Diagrams ADE System (SN 0300061927 through 0300068000)** | |
| | | Ref | **PLATFORM SOFT TOUCH SYSTEM ELECTRICAL DIAGRAMS:** | |
| | 4932815 | Ref | **Platform Soft Touch System Electrical Diagrams (Prior to SN 0300035129)** | - |
| | 4932980 | Ref | **Platform Soft Touch System Electrical Diagrams (SN 0300035129 through 0300061926)** | 2-C |
| | 3740057 | 1 | Relay (Located in Platform Console Box) | |
| | 4120012 | 1 | Socket, Relay (Located in Platform Console Box) | |
| | 3740066 | 1 | Spring, Relay (Located in Platform Console Box) | |



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