# Illustrated Parts Manual

## *Models*

## *330LRT*
## *430LRT*

**SN 0200000100 to 0200269765**

**P/N**
**3121759**

**December 12, 2019 - Rev J**

***ANSI***

***CE***

***AS/NZS***

An Oshkosh Corporation Company

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# TABLE OF CONTENTS


SECTION 1 - FRAME ..... 11

FIGURE 1-1. AXLE INSTALLATION ..... 12
FIGURE 1-2. STEER INSTALLATION (ALL SPECS EXCEPT CE SPECS) ..... 14
FIGURE 1-3. STEER INSTALLTION (CE & JAPANESE SPECS) ..... 16
FIGURE 1-4. DRIVE/BRAKE INSTALLATION ..... 18
FIGURE 1-5. DRIVE HUB ASSEMBLY - FRONT ..... 20
FIGURE 1-6. DRIVE HUB AND BRAKE ASSEMBLY - REAR ..... 22
FIGURE 1-7. DRIVE MOTOR ASSEMBLY ..... 26
FIGURE 1-8. TIRE AND WHEEL INSTALLATION - 12 X 16.5 FOAM FILLED (AVAILABLE ON ALL SPECS) ..... 28
FIGURE 1-9. TIRE AND WHEEL INSTALLATION - 12 X 16.5 FOAM-FILLED NON MARKING ..... 30
FIGURE 1-10. TIRE AND WHEEL INSTALLATION - 33/16LL X 16.1 FOAM-FILLED ..... 32
FIGURE 1-11. TIRE AND WHEEL INSTALLATION - 33/1550-16.5 FOAM-FILLED ..... 34
FIGURE 1-12. TIRE AND WHEEL INSTALLATION - IN315/55D20 FOAM-FILLED ..... 36
FIGURE 1-13. STROBE LIGHT INSTALLATION (AMBER) ..... 38
FIGURE 1-14. LEVELING JACKS INSTALLATION (Prior to SN 0200267917) ..... 40
FIGURE 1-15. LEVELING JACKS INSTALLATION (SN 0200267917 through 0200269765) ..... 42
FIGURE 1-16. LEVELING JACKS ASSEMBLY ..... 44
FIGURE 1-17. LEVELING JACKS VALVE ASSEMBLY ..... 46

SECTION 2 - GROUND CONTROLS ..... 49

FIGURE 2-1. VALVES INSTALLATION (ALL SPECS EXCEPT CE SPECS) ..... 50
FIGURE 2-2. VALVES INSTALLATION (CE & JAPANESE SPECS) ..... 52
FIGURE 2-3. MAIN VALVE ASSEMBLY (ALL SPECS EXCEPT CE SPECS) ..... 54
FIGURE 2-4. MAIN VALVE ASSEMBLY (CE SPECS) ..... 56
FIGURE 2-5. FLOW DIVIDER VALVE ASSEMBLY ..... 58
FIGURE 2-6. TANKS AND HORN INSTALLATION (DIESEL MACHINES) ..... 60
FIGURE 2-7. TANKS AND HORN INSTALLATION (GAS MACHINES) ..... 62
FIGURE 2-8. HYDRAULIC TANK ASSEMBLY ..... 64
FIGURE 2-9. GROUND CONTROL BOX ASSEMBLY (DIESEL MACHINES) (Prior to SN 0200267917) ..... 66
FIGURE 2-10. GROUND CONTROL BOX ASSEMBLY (DIESEL MACHINES) (SN 0200267917 through 0200269765) ..... 68
FIGURE 2-11. GROUND CONTROL BOX ASSEMBLY (GAS MACHINES) (Prior to SN 0200267917) ..... 70
FIGURE 2-12. GROUND CONTROL BOX ASSEMBLY (GAS MACHINES) (SN 0200267917 through 0200269765) ..... 72
FIGURE 2-13. MOTION ALARM INSTALLATION ..... 74
FIGURE 2-14. HOODS AND LADDERS INSTALLATION (330LRT) ..... 76
FIGURE 2-15. HOODS AND LADDERS INSTALLATION (430LRT) ..... 80

SECTION 3 - ENGINE ..... 85

FIGURE 3-1. ENGINE INSTALLATION - KUBOTA DIESEL STAGE III (Prior to SN 0200268705) ..... 86
FIGURE 3-2. ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA DIESEL STAGE III (Prior to SN 0200268705) ..... 90
FIGURE 3-3. ENGINE ASSEMBLY - KUBOTA DIESEL STAGE III (Prior to SN 0200268705) ..... 92
FIGURE 3-4. ENGINE INSTALLATION - KUBOTA DIESEL STAGE III WITH GENERATOR (Prior to SN 0200268705) ..... 96
FIGURE 3-5. ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA DIESEL STAGE III WITH GENERATOR (Prior to SN 0200268705) ..... 100
FIGURE 3-6. ENGINE ASSEMBLY - KUBOTA DIESEL STAGE III WITH GENERATOR (Prior to SN 0200268705) ..... 102
FIGURE 3-7. ENGINE COMPONENTS - KUBOTA DIESEL STAGE III (Prior to SN 0200268705) ..... 106
FIGURE 3-8. ENGINE INSTALLATION - KUBOTA DIESEL T4F ..... 110
FIGURE 3-9. ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA DIESEL T4F (Prior to SN 0200268660) ..... 114
FIGURE 3-10. ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA DIESEL E4B (SN 0200268660 through 0200269765) ..... 116
FIGURE 3-11. ENGINE ASSEMBLY - KUBOTA DIESEL T4F (Prior to SN 0200268660) ..... 118
FIGURE 3-12. ENGINE ASSEMBLY - KUBOTA DIESEL E4B (SN 0200268660 through 0200269765) ..... 122
FIGURE 3-13. ENGINE INSTALLATION - KUBOTA DIESEL STAGE T4F WITH GENERATOR (Prior to SN 0200268660) ..... 126
FIGURE 3-14. ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA DIESEL T4F WITH GENERATOR (Prior to SN 0200268660) ..... 130
FIGURE 3-15. ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA DIESEL E4B WITH GENERATOR (SN 0200268660 through 0200269765) ..... 132
FIGURE 3-16. ENGINE ASSEMBLY - KUBOTA DIESEL T4F WITH GENERATOR (Prior to SN 0200268660) ..... 134
FIGURE 3-17. ENGINE ASSEMBLY - KUBOTA DIESEL E4B WITH GENERATOR (SN 0200268660 through 0200269765) ..... 138
FIGURE 3-18. ENGINE COMPONENTS - KUBOTA DIESEL T4F (Prior to SN 0200268660) ..... 142
FIGURE 3-19. ENGINE COMPONENTS - KUBOTA DIESEL E4B (SN 0200268660 through 0200269765) ..... 146
FIGURE 3-20. ENGINE INSTALLATION - KUBOTA GASOLINE ..... 150
FIGURE 3-21. ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA GASOLINE ..... 154
FIGURE 3-22. ENGINE ASSEMBLY - KUBOTA GASOLINE ..... 156
FIGURE 3-23. ENGINE INSTALLATION - KUBOTA GASOLINE WITH GENERATOR ..... 160





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# TABLE OF CONTENTS


FIGURE 3-24. ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA GASOLINE WITH GENERATOR ..... 164
FIGURE 3-25. ENGINE ASSEMBLY - KUBOTA GASOLINE WITH GENERATOR ..... 166
FIGURE 3-26. ENGINE COMPONENTS - KUBOTA GASOLINE ..... 170
FIGURE 3-27. FUEL/WATER SEPARATOR ASSEMBLY - DIESEL ENGINES ..... 174
FIGURE 3-28. COUPLING KIT - DIESEL ENGINES ..... 176
FIGURE 3-29. COUPLING KIT - GASOLINE ENGINES ..... 178
FIGURE 3-30. PISTON PUMP ASSEMBLY ..... 180
FIGURE 3-31. SPARK ARRESTOR MUFFLER - OPTIONAL (DIESEL ENGINES) (Prior to SN 0200267546) ..... 184
FIGURE 3-32. SPARK ARRESTOR MUFFLER - OPTIONAL (GASOLINE ENGINES) ..... 186
FIGURE 3-33. 7500W GENERATOR INSTALLATION - KUBOTA DIESEL STAGE III ..... 188
FIGURE 3-34. 7500W GENERATOR INSTALLATION - KUBOTA DIESEL T4F ..... 192
FIGURE 3-35. 7500W GENERATOR INSTALLATION - KUBOTA GASOLINE ..... 196

SECTION 4 - SCISSORS ARMS ..... 201

FIGURE 4-1. SCISSORS ARMS INSTALLATION - 330LRT ..... 202
FIGURE 4-2. SCISSORS ARMS ASSEMBLY - 330LRT ..... 204
FIGURE 4-3. SCISSORS ARMS INSTALLATION - 330LRT WITH GENERATOR ..... 208
FIGURE 4-4. SCISSORS ARMS ASSEMBLY - 330LRT WITH GENERATOR ..... 210
FIGURE 4-5. SCISSORS ARMS INSTALLATION - 430LRT ..... 214
FIGURE 4-6. SCISSORS ARMS ASSEMBLY - 430LRT ..... 216
FIGURE 4-7. SCISSORS ARMS INSTALLATION - 430LRT WITH GENERATOR ..... 222
FIGURE 4-8. SCISSORS ARMS ASSEMBLY - 430LRT WITH GENERATOR ..... 224
FIGURE 4-9. ARM GUARDS INSTALLATION (MACHINES WITH LSS) ..... 230

SECTION 5 - PLATFORM ..... 233

FIGURE 5-1. PLATFORM MOUNT INSTALLATION (NON-LSS) ..... 234
FIGURE 5-2. PLATFORM MOUNT INSTALLATION (LSS) ..... 236
FIGURE 5-3. PLATFORM WITH SINGLE EXTENSION INSTALLATION ..... 238
FIGURE 5-4. PLATFORM (12.6FT/3.84M LENGTH) WITH DUAL EXTENSION INSTALLATION ..... 240
FIGURE 5-5. PLATFORM (15.8FT/4.83M LENGTH MEGADECK) WITH DUAL EXTENSION INSTALLATION ..... 242
FIGURE 5-6. RAIL INSTALLATION - PLATFORM WITH SINGLE EXTENSION ..... 244
FIGURE 5-7. RAIL INSTALLATION - 12.6FT/3.84M LENGTH PLATFORM WITH DUAL EXTENSION ..... 248
FIGURE 5-8. RAIL INSTALLATION - 15.8FT/4.83M LENGTH MEGADECK PLATFORM WITH DUAL EXTENSION ..... 252
FIGURE 5-9. PLATFORM CONSOLE BOX INSTALLATION - DIESEL MACHINES (Prior to SN 0200267917) ..... 256
FIGURE 5-10. PLATFORM CONSOLE BOX INSTALLATION - DIESEL MACHINES (WITHOUT LEVELING JACKS) (SN 0200267917 through 0200269765) ..... 258
FIGURE 5-11. PLATFORM CONSOLE BOX INSTALLATION - DIESEL MACHINES (WITH LEVELING JACKS) (SN 0200267917 through 0200269765) ..... 260
FIGURE 5-12. PLATFORM CONSOLE BOX INSTALLATION - GASOLINE MACHINES (Prior to SN 0200267917) ..... 262
FIGURE 5-13. PLATFORM CONSOLE BOX INSTALLATION - GASOLINE MACHINES (WITHOUT LEVELING JACKS) (SN 0200267917 through 0200269765) ..... 264
FIGURE 5-14. PLATFORM CONSOLE BOX INSTALLATION - GASOLINE MACHINES (WITH LEVELING JACKS) (SN 0200267917 through 0200269765) ..... 266
FIGURE 5-15. DRIVE/STEER CONTROLLER ASSEMBLY ..... 268
FIGURE 5-16. PLATFORM MODULE INSTALLATION (NON-LSS) ..... 270
FIGURE 5-17. PLATFORM MODULE INSTALLATION (LSS) ..... 272
FIGURE 5-18. PIPE RACKS INSTALLATION (OPTIONAL) ..... 274
FIGURE 5-19. SKYWELDER INSTALLATION (OPTIONAL) (ANSI SPECS) ..... 276
FIGURE 5-20. SKYWELDER INSTALLATION (OPTIONAL) (CE SPECS) ..... 278
FIGURE 5-21. WELDER ASSEMBLY ..... 280
FIGURE 5-22. WORKSTATION INSTALLATION (OPTIONAL) ..... 282

SECTION 6 - CYLINDER ..... 285

FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSEMBLY ..... 286
FIGURE 6-2. LEVELING JACK CYLINDER ASSEMBLY ..... 288
FIGURE 6-3. LIFT CYLINDER ASSEMBLY ..... 290
FIGURE 6-4. LIFT CYLINDER ASSEMBLY ..... 292
FIGURE 6-5. STEER CYLINDER ASSEMBLY ..... 294

SECTION 7 - HYDRAULIC ..... 297

FIGURE 7-1. HYDRAULIC DIAGRAM - LEVELING JACKS (Prior to SN 0200267917) ..... 298
FIGURE 7-2. HYDRAULIC DIAGRAM - LEVELING JACKS (SN 0200267917 through 0200269765) ..... 300
FIGURE 7-3. HYDRAULIC DIAGRAM - STANDARD (ALL SPECS EXCEPT CE SPECS) ..... 302





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FIGURE 7-4. HYDRAULIC DIAGRAM - STANDARD (CE & JAPANESE SPECS) ..... 306
FIGURE 7-5. HYDRAULIC DIAGRAM LIST ..... 310

SECTION 8 - ELECTRICAL ..... 311

FIGURE 8-1. ELECTRICAL DIAGRAM LIST ..... 312
FIGURE 8-2. AC BOX AT PLATFORM INSTALLATION - 110V GFI (ALL SPECS EXCEPT AUSTRALIAN AND CE SPECS) ..... 314
FIGURE 8-3. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE SPECS) ..... 316
FIGURE 8-4. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE SPECS) ..... 318
FIGURE 8-5. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 (CE SPECS) ..... 320
FIGURE 8-6. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND 2X4 BOX (CE SPECS) ..... 322
FIGURE 8-7. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND 70X70 BOX (CE SPECS) ..... 324
FIGURE 8-8. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND 2X4 BOX (CE SPECS) ..... 326
FIGURE 8-9. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND 70X70 BOX (CE SPECS) ..... 328
FIGURE 8-10. BATTERY CABLE KIT ..... 330
FIGURE 8-11. BREAKER BOX KIT (Prior to SN 0200268756) ..... 332
FIGURE 8-12. BREAKER BOX KIT (SN 0200268756 through 0200269765) ..... 334
FIGURE 8-13. CHASSIS HARNESS (Prior to SN 0200267917) ..... 336
FIGURE 8-14. CHASSIS HARNESS (SN 0200267917 through 0200269765) ..... 340
FIGURE 8-15. ENGINE HARNESS - KUBOTA DIESEL (Prior to SN 0200267917) ..... 344
FIGURE 8-16. ENGINE HARNESS - KUBOTA DIESEL (SN 0200267917 through 0200269765) ..... 348
FIGURE 8-17. ENGINE HARNESS - KUBOTA GASOLINE (Prior to SN 0200267917) ..... 352
FIGURE 8-18. ENGINE HARNESS - KUBOTA GASOLINE (SN 0200267917 through 0200269765) ..... 356
FIGURE 8-19. GENERATOR HARNESS - 7500W (Prior to SN 0200267640) ..... 360
FIGURE 8-20. GENERATOR HARNESS - 7500W (SN 0200267640 through 0200269765) ..... 362
FIGURE 8-21. GROUND CONTROL BOX HARNESS (LOWER) (Prior to SN 0200267917) ..... 364
FIGURE 8-22. GROUND CONTROL BOX HARNESS (LOWER) (SN 0200267917 through 0200269765) ..... 366
FIGURE 8-23. GROUND CONTROL BOX HARNESS (UPPER) ..... 368
FIGURE 8-24. GROUND TO PLATFORM HARNESS - 330LRT ..... 370
FIGURE 8-25. GROUND TO PLATFORM HARNESS - 430LRT ..... 372
FIGURE 8-26. LEVELING JACKS HARNESS ..... 374
FIGURE 8-27. LSS HARNESS ..... 376
FIGURE 8-28. PLATFORM CONTROL BOX HARNESS (Prior to SN 0200267917) ..... 378
FIGURE 8-29. PLATFORM CONTROL BOX HARNESS (SN 0200267917 through 0200269765) ..... 380
FIGURE 8-30. PLATFORM MODULE HARNESS (Prior to SN 0200267917) ..... 382
FIGURE 8-31. PLATFORM MODULE HARNESS (SN 0200267917 through 0200269765) ..... 384
FIGURE 8-32. RECEPTACLE BOX KIT - 110V GFI ..... 386
FIGURE 8-33. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE SPEC) ..... 388
FIGURE 8-34. RECEPTACLE BOX KIT - 220V IEC BLUE (CE SPEC) ..... 390
FIGURE 8-35. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE SPEC) ..... 392
FIGURE 8-36. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND (CE SPEC) ..... 394
FIGURE 8-37. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 70X70 BOX (CE SPEC) ..... 396
FIGURE 8-38. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND (CE SPEC) ..... 398
FIGURE 8-39. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 70X70 BOX (CE SPEC) ..... 400
FIGURE 8-40. RECEPTACLE/BREAKER BOX ASSEMBLY - 220V GFI ..... 402

SECTION 9 - DECALS ..... 405

FIGURE 9-1. DECAL INSTALLATION - ANSI AND ANSI EXPORT SPECS (ENGLISH) ..... 406
FIGURE 9-2. DECAL INSTALLATION - AUSTRALIAN, CE & JAPANESE SPEC (ENGLISH) ..... 408
FIGURE 9-3. DECAL INSTALLATION - BRAZIL SPECS (SPANISH/PORTUGUESE) ..... 410
FIGURE 9-4. DECAL INSTALLATION - CHINESE SPECS (ENGLISH/CHINESE) ..... 412
FIGURE 9-5. DECAL INSTALLATION - CSA SPECS (ENGLISH/FRENCH) ..... 414
FIGURE 9-6. DECAL INSTALLATION - KOREAN SPECS (ENGLISH/KOREAN) ..... 416
FIGURE 9-7. DECAL INSTALLATION - LATIN AMERICAN SPECS (ENGLISH/SPANISH) ..... 418
FIGURE 9-8. DECAL INSTALLATION - OPTIONS ..... 420

SECTION 10 - RECOMMENDED SERVICE PARTS STOCK ..... 423

FIGURE 10-1. RECOMMENDED SERVICE PARTS STOCK ..... 424

SECTION 11 - SPECIAL OPTIONS ..... 425

FIGURE 11-1. SPECIAL OPTIONS ..... 426

PART NUMBER INDEX ..... 429



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| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 48 | 7021256 | 1 | O-Ring (Part of Item 47) | |
| 49 | 70001958 | 1 | Plug Assembly (Includes Item 50) | |
| 50 | 7021256 | 1 | O-Ring (Part of Item 49) | |
| 51 | 70001958 | 1 | Plug Assembly (Includes Item 52) | |
| 52 | 7021256 | 1 | O-Ring (Part of Item 51) | |
| 53 | 70001958 | 1 | Plug Assembly (Includes Item 54) | |
| 54 | 7021256 | 1 | O-Ring (Part of Item 53) | |
| 55 | 70002169 | 4 | Capscrew | |
| 56 | 70002170 | 2 | Capscrew | |
| 57 | 70002132 | 2 | Pin | |
| 58 | 70002172 | 1 | Bearing, Journal (Part of Item 45) | |
| 59 | 7022340 | 2 | Bracket, Lifting | |
| 60 | 70002165 | 2 | Screw | |
| 61 | See Note | 1 | Housing (Note: Purchase p/n 1001101331) | |
| 62 | 70002175 | 1 | Shaft | |
| 63 | 70002176 | 1 | Ball Bearing Kit | |
| 64 | 70007439 | 1 | Ring, Retaining | |
| 65 | 70002174 | 1 | Shaft Seal Kit (Includes Items 66-68) (Note: This is a universal kit and will contain extra pieces that are not used on this pump assembly.) | |
| 66 | 70002177 | 1 | Seal, Lip | |
| 67 | 70002178 | 1 | O-Ring | |
| 68 | 70002179 | 1 | Ring, Retaining | |
| 69 | 70002180 | 1 | Adapter | |
| 70 | 70002181 | 1 | Seal, Adapter | |
| 71 | 70002182 | 1 | Coupling | |
| 72 | 70002185 | 4 | Capscrew | |
| 73 | 70002186 | 1 | Plate, Thrust | |
| 74 | 70002188 | 2 | High Pressure Relief Valve Cartridge Assembly (Includes Item 75 & 76) | |
| 75 | 70002187 | 2 | O-Ring (1 Per Cartridge) (Part of Item 74) | |
| 76 | 7007415 | 2 | O-Ring (1 Per Cartridge) (Part of Item 74) | |
| 77 | 70002189 | 1 | Charge Pump Kit (Includes Item 78) | |
| 78 | 70002190 | 2 | Ring, Seal (Part of Item 77) | |
| 79 | 7023964 | 1 | Plug Assembly (Includes Item 80) | |
| 80 | 7007415 | 1 | O-Ring (Part of Item 79) | |
| 81 | 70002191 | 1 | Charge Relief Valve Cartridge Assembly (Includes Item 82 & 83) | |
| 82 | 70002187 | 1 | Nut, Seal (Part of Item 81) | |
| 83 | 7007415 | 1 | O-Ring (Part of Item 81) | |
| 84 | 70002192 | 1 | Overhaul Seal Kit (Includes Items 3, 5, 22, 27, 30, 37, 38, 41, 48, 50, 52, 54, 66, 67, 70, 75, 76, 78, 82 & 83) | |



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## FIGURE 4-6. SCISSORS ARMS ASSEMBLY - 430LRT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001220084 | Ref | SCISSORS ARMS ASSEMBLY - 430LRT | D |
| 1 | 0080190 | 1 | Adapter, Cable | |
| 2 | 0100011 | AR | Compound, Locking | |
| 3 | 2220883 | 2 | Plug | |
| 14 | 0363050 | 1 | Bar, Prop | |
| 17 | 0641505 | 2 | Bolt 5/16 x 5/8 | |
| 19 | 0681607 | 2 | Bolt 3/8 x 7/8 | |
| 20 | 0681612 | 3 | Bolt 3/8 x 1-1/2 | |
| 21 | 0681618 | 1 | Bolt 3/8 x 2-1/4 | |
| 22 | 0681624 | 41 | Bolt 3/8 x 3 | |
| 23 | 0681632 | 4 | Bolt 3/8 x 4 | |
| 24 | 0681636 | 1 | Bolt 3/8 x 4-1/2 | |
| 25 | 0681813 | 1 | Bolt 1/2 x 1-5/8 | |
| 26 | 0902773 | 1 | Bracket | |
| 27 | 0962031 | 16 | Bushing | |
| 28 | 0962445 | 1 | Spacer | |
| 29 | 0962446 | 4 | Spacer | |
| 30 | 1060929 | 1 | Cable, Manual Descent | |
| 30 | 7020218 | 1 | Handle | |
| 30 | 7019602 | 1 | Bellows | |
| 30 | 7020219 | 1 | Washer | |
| 33 | 1001216251 | 3 | Clamp | |
| 34 | 1440331 | 20 | Collar | |
| 35 | 1670995 | 3 | Cover, Hose/Cable | |
| 36 | | Ref | Lift Cylinder Assembly Options (See Separate Breakdown in CYLINDER SECTION): | |
| | See Note | Ref | Note: Machines were built with one of 2 cylinders listed below. Identify cylinder by p/n stamed on valve block. | |
| 36 | 1684332 | 1 | Lift Cylinder Assembly Rectangular Valve Block) | |
| 36 | 1001217085 | 1 | Lift Cylinder Assembly ("P" Shaped Valve Block) | |
| 37 | 2220373 | 1 | Fitting, Straight JIC/ORB | |
| 38 | 2221042 | 1 | Fitting, 90 JIC/ORB | |
| 40 | 1001216383 | 1 | Hose | |
| 41 | 1001216384 | 1 | Hose | |
| 42 | 3271605 | 52 | Nut 3/8 | |
| 43 | 3271805 | 1 | Nut 1/2 | |
| 45 | 3321402 | 2 | Nut 1/4 | |
| 47 | 3422943 | 2 | Pin | |
| 48 | 3422944 | 2 | Pin | |
| 49 | 3422945 | 16 | Pin | |
| 50 | 3422946 | 1 | Pin | |
| 51 | 3422948 | 1 | Pin | |
| 52 | 3422964 | 1 | Pin | |
| 53 | 3422965 | 2 | Pin | |
| 54 | 3450304 | 1 | Pin 3/32 x 1 | |
| 55 | 3450405 | 1 | Pin 1/8 x 1-1/4 | |
| 56 | 3573370 | 1 | Plate | |
| 57 | 3841143 | 3 | Keeper, Pin | |
| 58 | 3841203 | 1 | Keeper, Pin | |
| 59 | 3841556 | 1 | Rod, Prop | |



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## FIGURE 7-4. HYDRAULIC DIAGRAM - STANDARD (CE & JAPANESE SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001204609 | Ref | HYDRAULIC DIAGRAM - STANDARD (CE & JAPANESE SPECS) | D |
| 1 | 2220415 | 8 | Fitting, Straight JIC/ORB | |
| 2 | 2220466 | 3 | Fitting, 90 JIC/ORB | |
| 3 | 2220473 | 1 | Fitting, 90 JIC/ORB | |
| 4 | 2220371 | 2 | Fitting, Straight JIC/ORB | |
| 5 | 2130808 | 6 | Fitting, 90 ORFS/ORB | |
| 6 | 2110812 | 9 | Fitting, Straight ORFS/ORB | |
| 7 | 2111216 | 2 | Fitting, Straight ORFS/ORB | |
| 8 | 2131216 | 2 | Fitting, 90 ORFS/ORB | |
| 9 | 2220238 | 1 | Plug | |
| 10 | 2110808 | 2 | Fitting, Straight ORFS/ORB | |
| 11 | 1001151351 | 1 | Hose | |
| 12 | 1001213672 | 1 | Hose | |
| 13 | 2753791 | 2 | Hose | |
| 14 | 1001213673 | 2 | Hose | |
| 15 | 2753970 | 1 | Hose | |
| 16 | 2220373 | 3 | Fitting, Straight JIC/ORB | |
| 17 | 2220602 | 1 | Fitting, Tee JIC/ORB/JIC | |
| 18 | 2220582 | 2 | Fitting, Straight JIC/ORB | |
| 19 | 1001194383 | 1 | Hose | |
| 20 | 2220500 | 2 | Fitting, 45 JIC/ORB | |
| 23 | 1001213674 | 1 | Hose | |
| 26 | 1001213684 | 1 | Hose | |
| 27 | 1001213676 | 1 | Hose | |
| 29 | 2221040 | 2 | Fitting, 45 JIC/ORB | |
| 30 | 1001213677 | 1 | Hose | |
| 31 | 1001158199 | 3 | Hose | |
| 32 | 1001173043 | 1 | Hose | |
| 33 | 2110810 | 2 | Fitting, Straight ORFS/ORB | |
| 34 | 2130812 | 1 | Fitting, 90 ORFS/ORB | |
| 35 | 2220479 | 2 | Fitting, Straight JIC/ORB | |
| 36 | 2221081 | 1 | Fitting, 45 JIC/ORB | |
| 37 | 2220451 | 1 | Fitting, Straight JIC/ORB | |
| 38 | 2220578 | 1 | Fitting, 90 JIC/ORB | |
| 40 | 2220577 | 1 | Fitting, Straight JIC/ORB | |
| 41 | 2754244 | 2 | Hose | |
| 42 | 1001213679 | 1 | Hose | |
| 43 | 1001194381 | 1 | Hose | |
| 44 | 1001213680 | 1 | Hose | |
| 46 | 8760351 | 1 | Fitting, 45 JIC/ORB | |
| 48 | 2220497 | 2 | Fitting, Straight JIC/ORB | |
| 49 | 1001146311 | 1 | Hose | |
| 50 | 1001108128 | 1 | Hose | |
| 51 | 2221050 | 1 | Fitting, 45 JIC/ORB | |
| 52 | 2220408 | 1 | Fitting, Straight JIC/ORB | |
| 53 | 2220435 | 1 | Fitting, Straight JIC/ORB | |
| 55 | 2221036 | 2 | Fitting, 90 JIC/ORB | |
| 56 | 1001206648 | 1 | Hose | |
| 57 | 1001194378 | 1 | Hose | |
| 58 | 2220237 | 2 | Plug | |



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