MODELS | SJ9250 RT




# Parts Manual

## Full-Size Rough Terrain Series (ANSI/CSA & KC)

Part No. 157960AG December 21, 2022

SKYJACK

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| Index No. | Skyjack Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 133583 | 1 | WELDMENT, Base (ANSI/CSA) |
| | 157837 | 1 | WELDMENT, Base (KC) |
| 2 | (Ref.) | - | CABINET ASSEMBLY (Fuel side)<br>(For components, refer to Section 3.2) |
| 3 | (Ref.) | - | CABINET ASSEMBLY (Hydraulic/Electric side)<br>(For components, refer to Section 3.4) |
| 4 | 151983 | 2 | LADDER |
| 5 | - | - | HARDWARE, Ladder |
| | 103473 | 8 | • BOLT, Hex head (3/8-16 x 1") |
| | 103472 | 8 | • WASHER, Flat (3/8") |
| | 103999 | 8 | • WASHER, Lock (3/8") |
| 6 | (Ref.) | - | ENGINE<br>(For Kubota engine components, refer to Page 5.3)<br>(For GM engine components, refer to Page 5.10) |
| 7 | (Ref.) | - | ENGINE ROLL OUT TRAY & COVER ASSEMBLY<br>(For components, refer to Section 5.1) |
| 8 | (Ref.) | - | FRONT IDLE AXLE ASSEMBLY (2WD)<br>(For components, refer to Section 4.1) |
| | (Ref.) | - | FRONT DRIVE AXLE ASSEMBLY (4WD)<br>(For Dana axle components, refer to Page 4.10)<br>(For Linamar axle components, refer to Page 4.3) |
| 9 | 126361 | 8 | BOLT, Hex head (1/2"-13 x 1.75", Grade 8) |
| 10 | 126286 | 8 | WASHER, Lock (1/2", heavy duty) |
| 11 | 123856 | 8 | NUT, Hex head (1/2"-13, Grade 8) |
| 12 | (Ref.) | - | CENTER DRIVE ASSEMBLY<br>(For components, refer to Section 4.14) |
| 13 | 103907 | 4 | BOLT, Hex head (1/2"-13 x 1.5") |
| 14 | 103470 | 4 | WASHER, Lock (1/2") |
| 15 | 104379 | 4 | WASHER, Flat (.50 SAE, Hard, Zinc) |

**Parts list continued on the following page.**





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| Index No. | Skyjack Part No. | Qty. | Description |
|---|---|---|---|
| 1 | (Ref) | - | AXLE SHAFT ASSEMBLY<br>(For components, refer to Section 4.7) |
| 2 | 133465 | 4 | CUP, Tapered roller bearing |
| 3 | 133471 | 4 | SEAL, Oil |
| 4 | 103910 | 16 | BOLT, Hex head (1/2"-13 x 1.25", Grade 8) |
| 5 | 133466 | 4 | CONE, Tapered roller bearing C/W rollers |
| 6 | 133484 | 4 | FITTING, Self tapping grease |
| 7 | 133483 | 4 | CAP, Axle knuckle bearing |
| 8 | 133442 | 4 | KINGPIN |
| 9 | 133450 | 2 | KNUCKLE, Axle |
| 10 | 133478 | 12 | STUD, Spindle |
| 11 | 126295 | 12 | NUT, Top lock (zinc, 1/2"-20, Grade C) |
| 12 | 133472 | 2 | SEAL, Exclusion |
| 13 | 133470 | 2 | SEAL, Oil |
| 14 | 133467 | 2 | BEARING, Caged needle |
| 15 | 133464 | 2 | CONE, Tapered roller bearing C/W rollers |
| 16 | 133444 | 2 | SPINDLE, Wheel |
| 17 | 133416 | 2 | CONE, Tapered roller bearing C/W rollers |
| 18 | 133433 | 2 | GASKET, Wheel hub |
| 19 | 133445 | 2 | ADAPTER, Flanged |
| 20 | 133482 | 2 | RING, Retaining |
| 21 | 133454 | 2 | END CAP, Axle |
| 22 | 133418 | 4 | NUT, Wheel bearing |
| 23 | 133419 | 2 | WASHER, Head hex cap (1/2"-13 x 4.25", Grade 8) |
| 24 | 133423 | 16 | NUT, Top lock (zinc, 7/16"-20, Grade C) |
| 25 | 133428 | 16 | BUSHING, Tapered |
| 26 | (Ref) | - | WHEEL HUB ASSEMBLY<br>(For components, refer to Section 4.6) |
| 27 | 133435 | AR | GREASE, Wheel bearing |
| K | 157554 | AR | KIT, Shim (Kingpin) |



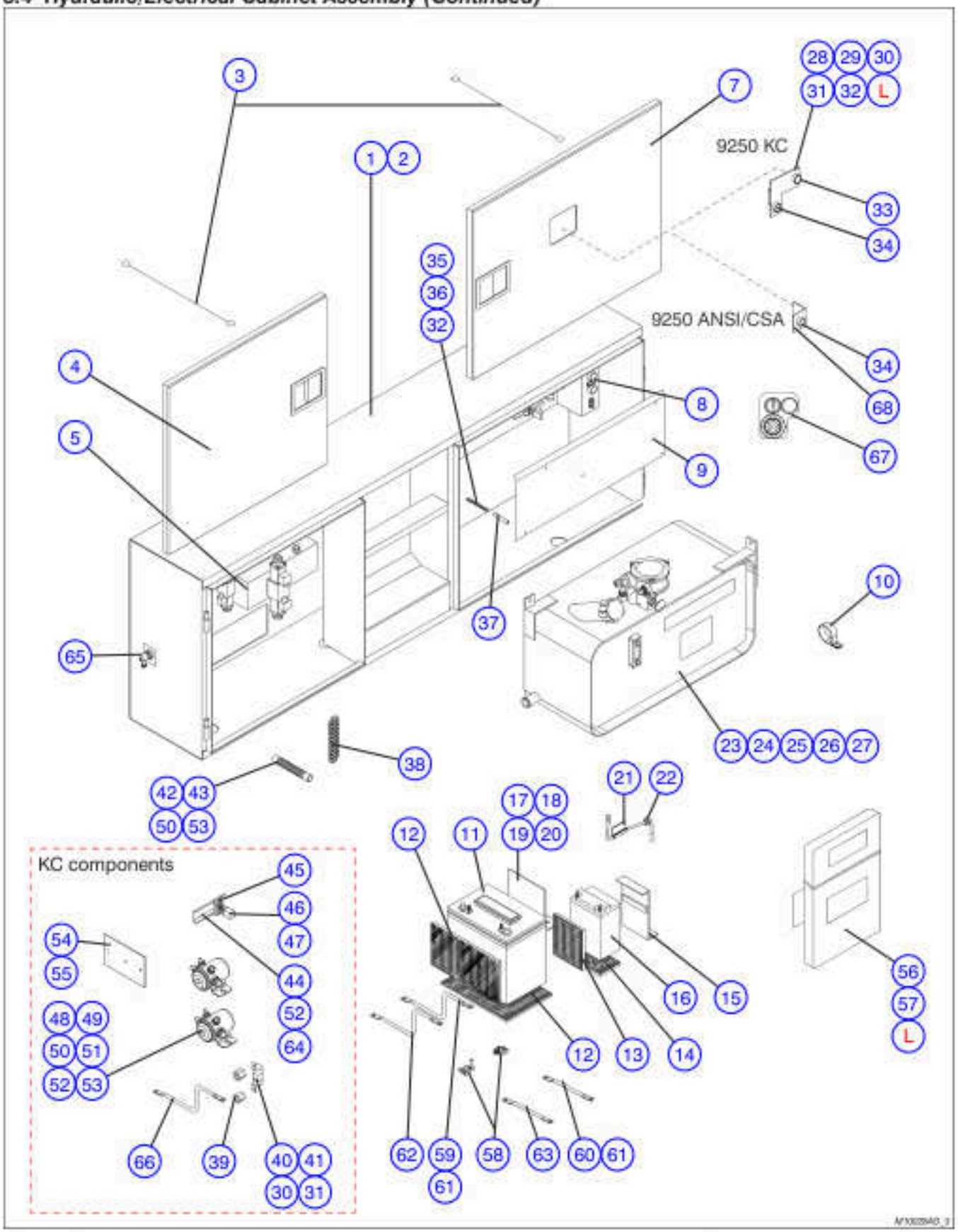
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| Index No. | Skyjack Part No. | Qty. | Description |
|---|---|---|---|
| 1 | (Ref.) | 4 | OUTRIGGER CYLINDER ASSEMBLY<br>(For components, refer to Section 6.4) |
| 2 | 130843 | 8 | HOSE ASSEMBLY (Outrigger cylinder) |
| 3 | 116795 | 1 | TUBE ASSEMBLY (Right front retract) |
| 4 | 116794 | 1 | TUBE ASSEMBLY (Right front extend) |
| 5 | 116790 | 1 | TUBE ASSEMBLY (Right rear retract) |
| 6 | 116791 | 1 | TUBE ASSEMBLY (Right rear extend) |
| 7 | 116788 | 1 | TUBE ASSEMBLY (Left rear extend) |
| 8 | 116789 | 1 | TUBE ASSEMBLY (Left rear retract) |
| 9 | (Ref.) | - | MAIN MANIFOLD ASSEMBLY<br>(For components, refer to Section 3.16) |
| 10 | 116793 | 1 | TUBE ASSEMBLY (Left front extend) |
| 11 | 116792 | 1 | TUBE ASSEMBLY (Left front retract) |
| 12 | (Ref.) | - | OUTRIGGER MANIFOLD ASSEMBLY<br>(For components, refer to Section 6.5) |
| 13 | 102085 | AR | CLAMP, Double tube (3/8") |
| | 109127 | 2 | • INSERT, Tube (3/8") |
| | 103858 | 1 | • BOLT, Hex head (1/4"-20 x 1.25") |
| | 103995 | 1 | • WASHER, Flat (1/4") |
| 14 | 104585 | 2 | HOSE, Supply/Return hydraulic |
| 15 | 103069 | 1 | FITTING, Straight (06 JICM - 06 ORBM) |
| 16 | 103073 | 1 | FITTING, Elbow |



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### 3.4 Hydraulic/Electrical Cabinet Assembly (Continued)






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| Index No. | Skyjack Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 118248 | 1 | WELDMENT, Inner scissor (1st level) |
| 2 | 118252 | 1 | WELDMENT, Outer scissor (1st level) |
| 3 | (Ref.) | - | SCISSOR PIN ASSEMBLY<br>(For components, refer to Section 2.3) |
| 4 | 108915 | 1 | WELDMENT, Inner scissor (2nd level) |
| 5 | 118253 | 1 | WELDMENT, Outer scissor (3rd level) |
| 6 | 111954 | 1 | SAFETY BAR LATCH ASSEMBLY |
| | 102780 | 1 | • LATCH, Safety bar |
| | 111534 | 1 | • KNOB, Latch |
| 7 | (Ref.) | - | TOP SLIDER ASSEMBLY<br>(For components, refer to Section 2.2) |
| 8 | 108919 | 1 | WELDMENT, Inner scissor (4th level) |
| 9 | (Ref.) | - | CENTER BAR PIVOT ASSEMBLY<br>(For components, refer to Section 2.3) |
| 10 | 108918 | 1 | WELDMENT, Outer scissor (4th level) |
| 11 | 118249 | 1 | WELDMENT, Inner scissor (3rd level) |
| 12 | (Ref.) | - | LIFT CYLINDER ASSEMBLY<br>(For components, refer to Section 2.5) |
| 13 | 108914 | 1 | WELDMENT, Outer scissor (2nd level) |
| 14 | (Ref.) | - | LIMIT SWITCH PIN ASSEMBLY<br>(For components, refer to Section 2.3) |
| 15 | (Ref.) | - | BOTTOM SLIDER ASSEMBLY<br>(For components, refer to Section 2.2) |
| 16 | 118034 | 4 | PIN, Lift cylinder rod end |
| | 118336 | 4 | PIN, Lift cylinder base end |
| 17 | 103887 | 8 | BOLT, Hex head (5/16"-18 x 3/4") |
| 18 | 103404 | 8 | WASHER, Lock (5/16") |
| 19 | (Ref.) | - | SCISSOR CENTER PIN ASSEMBLY<br>(For components, refer to Section 2.3) |
| 20 | (Ref.) | - | KIT, Flashing light<br>(For components, refer to Section 2.9) |
| 21 | 131952 | 16 | WASHER, Fender |
| | 105395 | 16 | BUMPER, Scissor arm |
| | 103936 | 16 | BOLT, Socket (3/8" -16 x 1", Grade 5) **(ANSI/CSA)** |
| | 114926 | 16 | BOLT, Socket (3/8" -16 x 1.25", Grade 5) **(KC)** |
| 22 | (Ref.) | - | GUARD, Cable carrier<br>(For components, refer to Section 2.8) |
| 23 | (Ref.) | - | CLAMP ASSEMBLY<br>(For components, refer to Section 2.8) |



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