# Illustrated Parts Manual

## *Models*

## *100SX*
## *110SX*
## *110SXJ*
## *120SXJ*

**P/N**
**3121106**

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***ANSI***

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# SECTION 1 FRAME



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FIGURE 2-1. TURNTABLE, BOOM AND SWITCHES INSTALLATION

| FIG & ITEM # | PART NUMBER | DESCRIPTION | QTY. | REV. |
|---|---|---|---|---|
| | | **TURNTABLE, BOOM AND SWITCHES INSTALLATION** | Ref. | |
| | 4620078 | **TURNTABLE ASSEMBLY** | Ref. | F/6 |
| 1 | 0252852 | Boom Pivot Assembly | 2 | |
| | 0960594 | Bushing, Self-Aligning (1 Per Assembly) | 2 | |
| 2 | 0961392 | Bushing, Bronze (Base Pivot) | 2 | |
| | | **BOOM AND CYLINDERS INSTALLATIONS** | Ref. | |
| | 0259902 | **100SX - DOMESTIC/CSA** | Ref. | 1 |
| | 0259900 | **110SX - DOMESTIC** | Ref. | 2 |
| | 0259917 | **110SX - CSA WITH INVERTED TRACK** | Ref. | 2 |
| | 0259912 | **110SXJ - DOMESTIC** | Ref. | 3 |
| | 0259918 | **110SXJ - DOMESTIC WITH INVERTED TRACK** | Ref. | 3 |
| | 0259916 | **110SXJ - CSA** | Ref. | 3 |
| | 0259890 | **120SXJ - DOMESTIC** | Ref. | 2 |
| | 0259899 | **120SXJ - CSA** | Ref. | 2 |
| 101 | | Boom Assembly (See Section 3 for Breakdown) | 1 | |
| 102 | | Lift Cylinder Assembly Options: (See Section 5 for Breakdown) | 1 | |
| | 1682895 | 100SX/110SX/110SXJ/120SXJ - Standard | | |
| | 1682895 | 110SX - With Inverted Track - CSA | | |
| | 1682630 | 110SXJ - With Inverted Track - Domestic | | |
| 103 | | Master Cylinder Assembly Options: (See Section 5 for Breakdown) | 1 | |
| | 1681978 | 100SX/110SX - Standard | | |
| | 1681978 | 110SX - With Inverted Track - CSA | | |
| | 1681580 | 110SXJ/120SXJ - Standard | | |
| | 1681580 | 110SXJ - With Inverted Track - Domestic | | |
| 104 | 3952014 | Setscrew 5/8"-11NC x 1 3/4" | 2 | |
| 105 | 3312002 | Nut, Jam 5/8"-11NC | 2 | |
| 106 | 2160002 | Fitting, Grease | 3 | |
| 107 | 0681812 | Bolt 1/2"-13NC | 4 | |
| 108 | 4740171 | Washer, Special Hardened | 4 | |
| 109 | Not Used | | | |
| 110 | 1120368 | Cap, Boom Pivot | 2 | |
| 111 | Not Used | | | |
| 112 | 3422151 | Pin, Boom Pivot | 1 | |
| 113 | | Pin, Top Master Cylinder Options: | 1 | |
| | 3421586 | 110SX - Standard | | |
| | 0236548 | 110SXJ/120SXJ - Standard | | |
| 114 | 4740006 | Washer, Special (Not Required on 100SX/110SX) | 1 | |
| 115 | 0651608 | Bolt 3/8"-24NF x 1" (Not Required on 100SX/110SX) | 1 | |
| 116 | 4761600 | Lockwasher 3/8" (Not Required on 100SX/110SX) | 1 | |
| 117 | 4300034 | Stud (Welded on Part) | A/R | |
| 118 | 4751600 | Flatwasher 3/8" | A/R | |
| 119 | 4761600 | Lockwasher 3/8" | A/R | |
| 120 | 3311601 | Nut 3/8"-16NC | A/R | |



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FIGURE 6-2. HYDRAULIC DIAGRAM - T/T & BOOM

| FIG & ITEM # | PART NUMBER | DESCRIPTION | QTY. | REV. |
|---|---|---|---|---|
| | | **HYDRAULIC DIAGRAMS** | Ref. | |
| | 2792440 | **100SX (Deutz)** | Ref. | 1 |
| | 2792532 | **100SX (Ford)** | Ref. | 1 |
| | 2792439 | **110SX (Deutz)** | Ref. | 2 |
| | 2792530 | **110SX (Ford)** | Ref. | 1 |
| | 2792438 | **110SXJ (Deutz)** | Ref. | 2 |
| | 2792531 | **110SXJ (Ford)** | Ref. | 1 |
| | 2792437 | **120SXJ (Deutz)** | Ref. | 2 |
| 1 | 1320033 | Clamp | A/R | |
| 2 | 2210014 | Fitting, 90° | 1 | |
| 3 | 2220343 | Fitting, Straight | 1 | |
| 4 | 2220346 | Fitting, Straight | 2 | |
| 5 | 2220371 | Fitting, Straight | A/R | |
| 6 | 2220373 | Fitting, Straight | 5 | |
| 7 | 2220375 | Fitting, Straight | 1 | |
| 8 | 2220376 | Fitting, Straight | A/R | |
| 9 | 2220385 | Fitting, Tee | 1 | |
| 10 | | Fitting Options: | A/R | |
| | Not Required | 110SX | 0 | |
| | 2220399 | 100SX/110SXJ/120SXJ | 2 | |
| 11 | 2220415 | Fitting, Straight | 1 | |
| 12 | 2220428 | Fitting, Quick Disconnect | A/R | |
| 13 | 2220429 | Cap, Dust | A/R | |
| 14 | 2220464 | Fitting, 90° | 1 | |
| 15 | 2220466 | Fitting, 90° | A/R | |
| 16 | 2220473 | Fitting, 90° | A/R | |
| 17 | 2220490 | Fitting, Tee | 2 | |
| 18 | 2220495 | Fitting, 90° | 1 | |
| 19 | 2220497 | Fitting, Straight | A/R | |
| 20 | 2220501 | Fitting, 45° | 2 | |
| 21 | | Fitting, 45° | A/R | |
| | 2220502 | 100SX/110SX/110SXJ | | |
| | Not Required | 120SXJ | | |
| 22 | 2220438 | Fitting, Nipple | A/R | |
| 23 | 2220582 | Fitting, Straight | 2 | |
| 24 | Not Used | | | |
| 25 | 2220593 | Fitting, Straight | 1 | |
| 26 | 2220600 | Fitting, Straight | 5 | |
| 27 | 2220606 | Fitting, Tee | A/R | |
| 28 | 2220635 | Fitting, Tee | A/R | |
| 29 | 2220710 | Fitting, Reducer | 1 | |
| 30 | 2220726 | Fitting, 90° | 1 | |
| 31 | 2220741 | Fitting, Adapter | A/R | |
| 32 | 2220810 | Fitting, Reducer | 1 | |
| 33 | 2220873 | Fitting, Nipple | 1 | |
| 34 | | Fitting, Tee Options: | 1 | |
| | 2220899 | 100SX | | |
| | Not Required | 110SX/110SXJ/120SXJ | | |





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FIGURE 7-5. HARNESS COMPONENTS INSTALLATION

| FIG & ITEM # | PART NUMBER | DESCRIPTION | QTY. | REV. |
|---|---|---|---|---|
| | | **HARNESS COMPONENTS INSTALLATION** | Ref. | |
| | 4922352 | **PLATFORM BOX HARNESS ASSEMBLY** | Ref. | 5/G |
| 1 | Not Available | Switch Harness (Made up of Individual Wires) | A/R | |
| 2 | Not Available | Light Display Harness (Made up of Individual Wires) | A/R | |
| 3 | Not Available | Fuel Gauge Harness (Made up of Individual Wires) | A/R | |
| 4 to 21 | Not Used | | | |
| 22 | 4460265 | Connector - 9 Position | 3 | |
| 23 | 4460268 | Socket, Female | 29 | |
| 24 | 4460418 | Connector - 6 Position | 8 | |
| 25 | 4460419 | Terminal, Female | 38 | |
| 26 to 29 | Not Used | | | |
| 30 | 4460266 | Connector, Plug - 9 Position | 1 | |
| 31 to 32 | Not Used | | | |
| 33 | 4460464 | Pin, Male (16 Gauge) | 41 | |
| 34 | 4460503 | Connector - 31 Position | 1 | |
| 35 | 4460508 | Pin, Male (12 Gauge) | 4 | |
| 36 | 4460613 | Connector - 21 Position | 1 | |
| 37 | 3990010 | Diode 6 Amp (Not Shown) | 19 | |
| 38 | Not Used | | | |
| 39 | 4120035 | Socket, Light | 10 | |
| 40 | 4460634 | Insert, Terminal (Single Wire) | 12 | |
| 41 | 4460635 | Insert, Terminal (Double Wire) | 8 | |
| 42 | 4460741 | Plug - 5 Position | 4 | |
| 43 to 52 | Not Used | | | |
| 53 | 4460420 | Terminal | 18 | |
| 54 to 55 | Not Used | | | |
| | | **PLATFORM BOX ASSEMBLY COMPONENTS** | Ref. | |
| 101 | 4460470 | Nut, Conduit | 2 | |
| 102 | 4460471 | Washer | 2 | |
| 103 | 4460428 | Connector, Strain Relief | 2 | |
| | | **BOOM CABLE INSTALLATION - 16/30** | | |
| | 4922406 | **100SX** | Ref. | 2 |
| | 4922404 | **110SX/110SXJ/110SX/110SXJ - With Inverted Track** | Ref. | 2 |
| | 4922405 | **120SXJ** | Ref. | 2 |
| 201 | | Cable, Electrical - 16/30 | A/R | |
| | 1060516 | 100SX | 135ft/41m | |
| | 1060516 | 110SX/110SXJ | 138ft/42m | |
| | 1060516 | 120SXJ | 149ft/45m | |
| 202 | 4460502 | Connector, Female - 31 Position | 1 | |
| 203 | 4460465 | Socket, Female | 30 | |
| 204 | 4460466 | Plug, Seal | 1 | |





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