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| 09.09.03 | C.S. | D.J. | MICANAN SYSTEMS INC. | | |
| DATE: | APPROVED: | DRAWN BY: | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES .XX=±.01 ANGLES=±30' | | | LIMITED DUTY OPERATOR PRO-LJ | | |
| REVISION:A | | WEIGHT: 1lb | SIZE: B | PAGE: 1/1 | |
| | | CAD FILE: 3D-PROLJ-XE | | SCALE: | |

| CODE | PART # | DESCRIPTION (PRO-LJ) | QTY |
|---------|--------|---|-----|
| MB01010 | 1 | MOTOR (Limited duty) | 1 |
| MM00073 | 2 | FRAME (LEFT) MSI0098 | 1 |
| MM00074 | 3 | FRAME (RIGHT) MSI0099 | 1 |
| MM00076 | 4 | CONTROL BOX (Limited Duty) MSI0092 | 1 |
| MM00077 | 5 | CONTROL BOX COVER (Limited duty) MSI0093 | 1 |
| MM00024 | 6 | CAM PLATE MSI0013 | 1 |
| ME00035 | 7 | LIMIT SHAFT 3/8-1/2 x 8.436" | 1 |
| MG00030 | 8 | LIMIT CAM 1/2-20 UNF | 2 |
| MH00001 | 9 | BRONZE T-BUSHING 3/8" ID | 2 |
| MK00004 | 10 | LIMIT SWITCH | 4 |
| MJ00006 | 11 | LIMIT SWITCH DOUBLE SPACER 3/4" LONG | 4 |
| MG00003 | 12 | DOUBLE NUT FOR LIM-SW. | 4 |
| MF00003 | 13 | R.H. PHILLIPS MACHINE SCREW 4-40 UNCx1-1/2" | 8 |
| MF00004 | 14 | R.H. PHILLIPS MACHINE SCREW 6-32 UNC x1" | 2 |
| MO00001 | 15 | CAM PLATE COMPRESSION SPRING (.178IDx.032GX.55L) | 2 |
| MH00006 | 16 | COLLAR 3/8" ID | 1 |
| MM00046 | 18 | CONTROL BOX HINGE | 2 |
| MI00018 | 19 | MOTOR PULLEY 4L 5/8 ID | 1 |
| ME00018 | 20 | KEYWAY 3/16 SQ. x 1-1/4" LONG | 1 |
| MI00017 | 21 | PULLEY 7" OD c/w BUSHING 3/4" ID | 1 |
| MI00035 | 22 | V-BELT A-27 | 1 |
| MJ00004 | 23 | CLUTCH PLATE ALUMINUM 3/4" ID | 1 |
| MQ00007 | 24 | SPRING PIN 1/4" x 2" LONG | 1 |
| MJ00005 | 25 | CLUTCH PAD 3/4" ID | 1 |
| MG00014 | 26 | SLOTTED HEX NUT 3/4-24UNF | 1 |
| MG00004 | 27 | BELLEVILLE WASHER 13/16 IDx1-3/16X1/8 | 6 |
| MQ00002 | 28 | COTTER PIN 1/8 x 2.5" LONG | 1 |
| MG00007 | 29 | HEX NYLON LOCK NUT 6-32UNC | 2 |
| MH00008 | 31 | COLLAR 3/4" ID | 3 |
| MH00007 | 32 | COLLAR 1" ID | 2 |
| MH00013 | 33 | FLANGE BEARING 3/4" IDx1-3/8 OD | 2 |
| MH00009 | 34 | FLANGE BEARING 1" IDx2"OD | 2 |
| MD00004 | 36 | SPROCKET 410B12 X 1" | 1 |
| MD00111 | 37 | SPROCKET 410B9 X 3/8" | 1 |
| MD00128 | 38 | #410 ROLLER CHAIN 27 PITCH C/W CONNECTING LINK | 1 |
| MD00003 | 39 | SPROCKET 41B36 x 1" | 1 |
| MM00025 | 40 | PRO-J/LJ CUTOUT ACTIVATION BRACKET MSI0048 | 1 |
| MG00036 | 41 | RIBBED HEX NUT 8-32UNF | 4 |
| MD00009 | 42 | #41 ROLLER CHAIN 45 PITCH DRIVE C/W LINK | 1 |
| MG00016 | 44 | FLAT WASHER #10 | 5 |
| ME00017 | 45 | KEYWAY 1/4" SQ. x 1-1/4" LONG | 2 |
| MH00003 | 47 | OILITE FLANGE BUSHING 3/4 ID X 7/8" OD | 1 |
| MM00128 | 48 | LIMITED DUTY FRAME SUPPORT U-BRACKET MSI0141 | 1 |
| MF00046 | 49 | H.H. SLOTTED SELF ROUNDING WASHER HEAD SCREW 10-32 UNF x 1/2" | 7 |
| MF00011 | 50 | H.H. BOLT 3/8"-16UNC X 3/4" LONG | 8 |
| MQ00008 | 51 | SET SCREW 5/16" -18 | 13 |
| MQ00009 | 52 | SET SCREW 1/4" - 20 | 3 |
| MR00008 | 53 | DISCONNECT SASH CHAIN | 1 |
| MF00008 | 54 | HEX HEAD BOLT 1/4" - 20 X 1" LONG | 1 |
| MM00078 | 55 | SOLENOID LEVER LIMITED DUTY MSI0094 | 1 |
| MF00005 | 56 | R.H. PHILLIPS MACHINE SCREW 10-32 UNF x 5/8" | 1 |
| MQ00001 | 57 | COTTER PIN 1/8 x 1.5" | 1 |
| MG00008 | 59 | HEX NYLON NUT 10-32 UNF | 1 |
| MO00006 | 60 | COMPRESSION SPRING (0.92" ID - 0.09G - 2.00"L) | 1 |
| MK00026 | 61 | SOLENOID 120V | 1 |
| MJ00003 | 62 | BRAKE DRUM | 1 |
| MJ00001 | 63 | BRAKE SHOE LEFT | 1 |
| MJ00002 | 64 | BRAKE SHOE RIGHT | 1 |
| MH00002 | 65 | MILD STEEL BUSHING 9/32ID x 13/32OD x1-1/16 | 1 |
| MQ00002 | 66 | BRAKE COMPRESSION SPRING (5/16"ID-.05G-2.50L) | 1 |
| MG00006 | 67 | HEX NUT 1/4-20UNC | 3 |
| MG00009 | 68 | HEX NYLON LOCK NUT 1/4-20UNC | 3 |
| MF00028 | 69 | HEX HEAD BOLT 1/4-20UNC x 1-1/4" (Full thread) | 2 |
| MF00076 | 70 | HEX HEAD BOLT 1/4-20UNC x 2" (full thread) | 1 |
| MF00044 | 71 | HEX HEAD BOLT 1/4-20UNC x 4" (partial thread) | 1 |
| MG00017 | 72 | 1/4" FLAT WASHER | 4 |
| MQ00017 | 73 | SPRING PIN 3/16" X 2" Long | 1 |
| MG00010 | 74 | RIBBED HEX NUT 10-32UNF | 8 |
| MG00018 | 75 | LOCK WASHER 3/8" | 8 |
| MG00019 | 76 | FLAT WASHER 13/16" I.D.x1.5OD (3/4" SHAFT SIZE) | 3 |
| MD00027 | 77 | PRO-J/LJ DISCONNECT COUPLING 3/4" ID | 1 |
| MD00026 | 78 | 41B10 X 3/4" C/W SLOT FOR DISCONNECT | 1 |
| ME00038 | 79 | INPUT SHAFT PRO-LJ 3/4" x 10.875" | 1 |
| ME00007 | 80 | DRIVE SHAFT JACKSHAFT 1" X 15" | 1 |
| MM00019 | 82 | DISCONNECT ARM (PRO-J/LJ) MSI0049 | 1 |
| MF00007 | 84 | HEX HEAD BOLT 1/4" - 20UNC x 3/4" | 2 |
| MF00006 | 85 | HEX HEAD BOLT 1/4" - 20UNC x 1/2" | 2 |
| MM00079 | 86 | DISCONNECT LEVER LIMITED DUTY MSI0095 | 1 |
| MF00009 | 87 | HEX HEAD BOLT 1/4" - 20UNC x 2-1/4" (Partial thread) | 1 |
| MF00045 | 88 | H.H. SLOTTED SELF ROUNDING WASHER HEAD SCREW 8-32UNF x 3/8" | 4 |
| MU00001 | 90 | SWIVEL PULLEY | 1 |
| MR00001 | 91 | DISCONNECT CABLE 3/32 X 12" LONG | 1 |
| MQ00011 | 92 | 3/32" ALUMINUM OVAL SLEEVE | 1 |
| MM00130 | 93 | FRAME FOOT LIMITED DUTY(LEFT) MSI0140 | 1 |
| MM00129 | 94 | FRAME FOOT LIMITED DUTY (RIGHT) MSI0139 | 1 |
| MG00011 | 95 | RIBBED HEX NUT 1/4" - 20 UNC | 6 |
| MG00013 | 98 | RIBBED HEX NUT 3/8" - 16UNC | 4 |
| MM00023 | 100 | SUPPORT U-BRACKET PRO-J/LJ MSI0050 | 1 |
| MG00021 | 110 | FLAT WASHER 7/8" ID X 1-1/8" OD | 1 |
| MK00005 | 111 | CUTOUT SWITCH C/W NUT & WASHER | 1 |
| ME00019 | 116 | KEYWAY 3/16" SQ. X 3/4" LONG | 1 |
| MU00002 | 121 | KEYRING 1-1/4" | 1 |
| ME00050 | 141 | FRAME SUPPORT SHAFT 3/4" X 6" LONG | 2 |
| MG00121 | 157 | FLAT WASHER 15/16" ID x 1-3/4" OD x 1/8" TH. | 1 |
| MG00122 | 158 | C-CLIP 5/8" (FOR 3/4" SHAFT) | 1 |