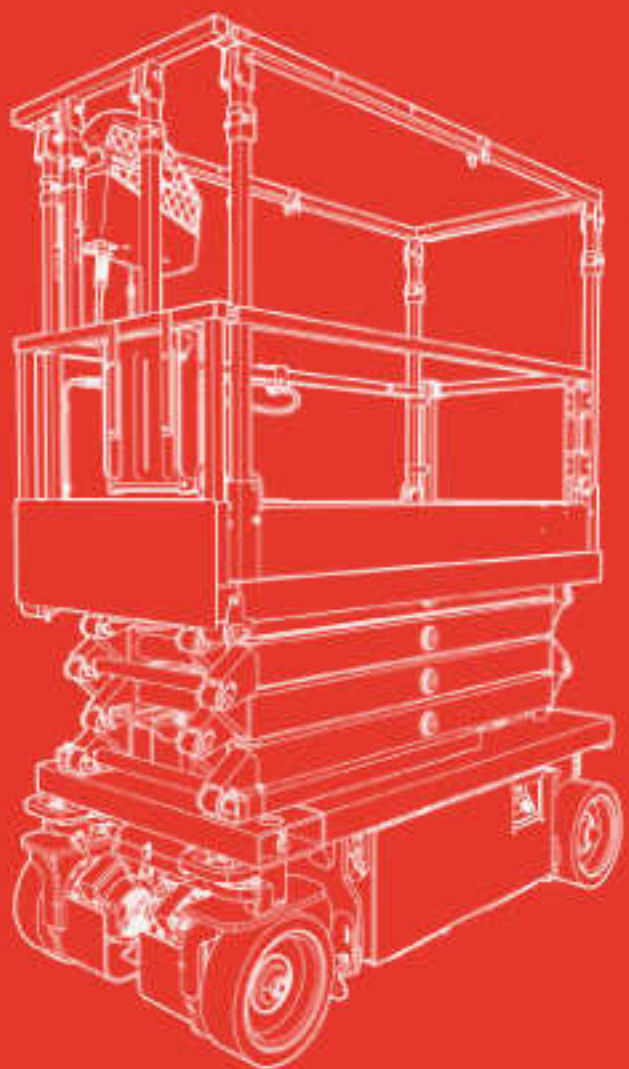
SKYJACK

SERVICE MANUAL

SJ3213 micro, SJ3219 micro

DC ELECTRIC SCISSORS



250817ABA
July 01 2026
ANSI/CSA, CE

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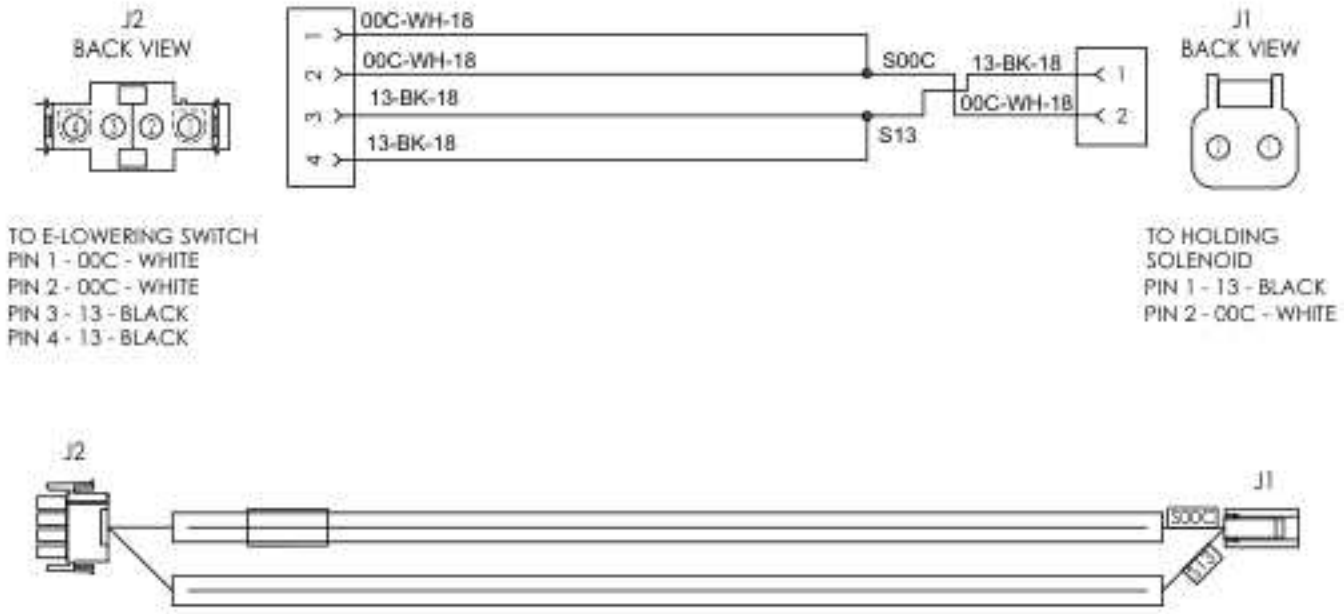
Table 2.7 Specifications & features - SJ3219 Micro

SJ3219 Micro			
Dimensions	Working height	24 ft 1 in	7.34 m
	Raised platform height	18 ft 1 in	5.51 m
	Maximum drive height	18 ft 1 in	5.51 m
	Stowed platform height	35.57 in	0.90 m
	Stowed height	79.49 in	2.01 m
	Railing height from platform	43.64 in	1.10 m
	Midrail height from platform	25.89 in	0.66 m
	Toeguard height from platform	7.25 in	0.18 m
	Machine overall width	32.25 in	0.82 m
	Machine overall length (platform retracted)	60.25 in	1.53 m
	Machine overall length (platform extended)	80.25 in	2.03 m
	Platform width inside railing	25.00 in	0.64 m
	Platform width outside railing	27.50 in	0.70 m
	Platform inside length (retracted)	56.65 in	1.43 m
	Platform outside length (retracted)	60.25 in	1.53 m
	Platform inside length (extended)	76.65 in	1.95 m
	Platform outside length (extended)	80.25 in	2.03 m
	Platform extension	20.00 in	0.51 m
	Ground clearance - pothole	1.00 in	0.03 m
	Wheel base	49.52 in	1.25 m
	Wheel track width	28.02 in	0.71 m
	Turn radius - inside wheel	2.50 in	0.06 m
	Turn radius - outside wheel	61.53 in	1.56 m
	Turn radius - outside base	64.77 in	1.65 m
	Ladder height - ground to first step	13.83 in	0.35 m
	Ladder height - ground to top step	24.90 in	0.63 m
	Elevated drive speed trip height	72.00 in	1.82 m

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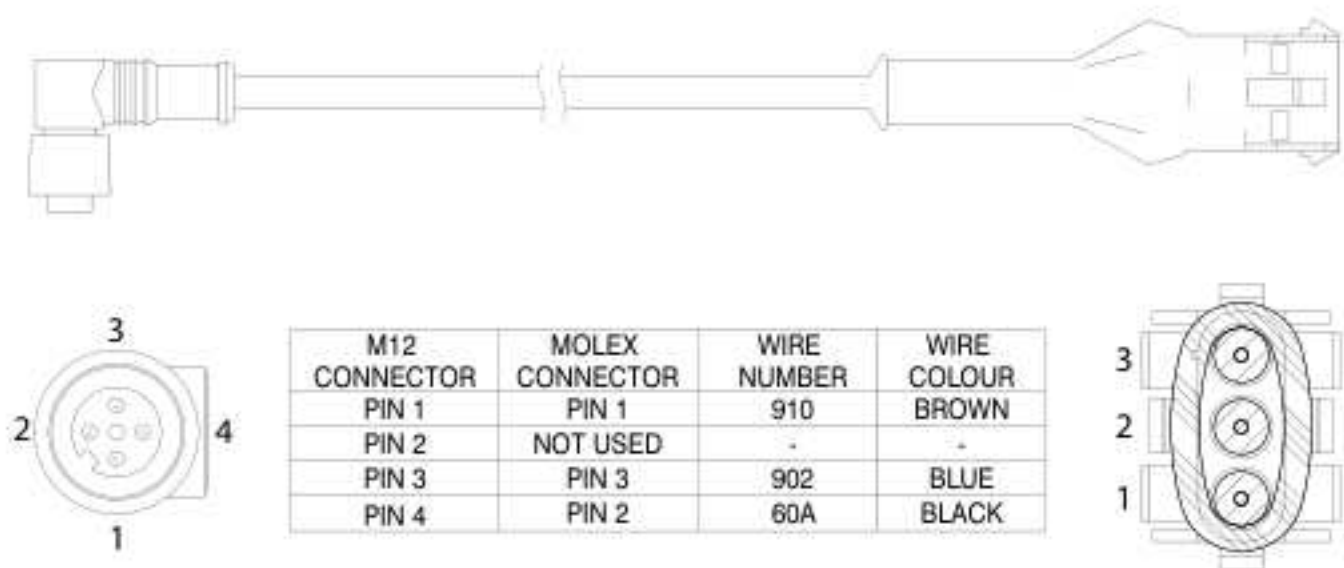
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3.10 Holding valve harness



M240732AC-2

3.11 Pressure transducer harness



M12 CONNECTOR	MOLEX CONNECTOR	WIRE NUMBER	WIRE COLOUR
PIN 1	PIN 1	910	BROWN
PIN 2	NOT USED	-	-
PIN 3	PIN 3	902	BLUE
PIN 4	PIN 2	60A	BLACK

M245038AA-2

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Section 4 – Troubleshooting Information

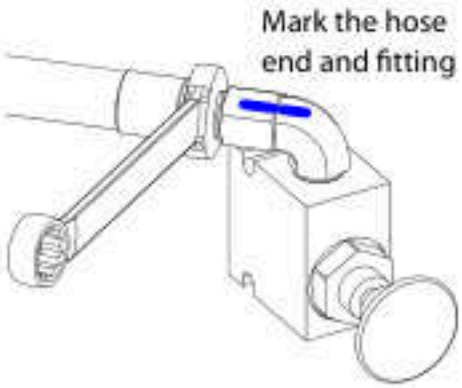
4.1 Introduction

The following pages contain a table of Troubleshooting for locating and correcting most service trouble which can develop. Careful and accurate analysis of the systems listed in the table of Troubleshooting will localize the trouble more quickly than any other method. This manual cannot cover all possible troubles and deficiencies that may occur. If a specific trouble is not listed, isolate the major component in which the trouble occurs, isolate whether the problem is electrical or hydraulic, and then isolate and correct the specific problem.

The content of this section is separated into "probable cause" and "remedy." The information in the left-hand column, preceded by a number, represents the "probable cause." The information in the right-hand column, in bold text, represents the "remedy" to the "probable cause" directly beside it. See the example below for clarification.

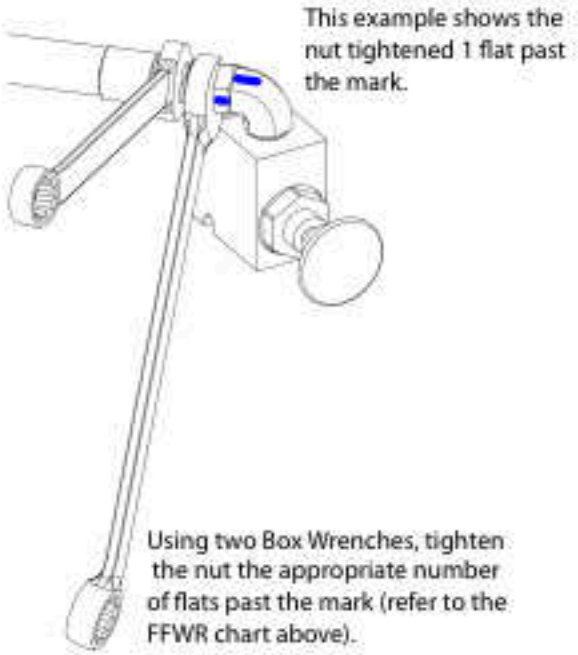
1. Probable cause	**Remedy**

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6. Referencing the chart below, use a second box wrench to tighten the nut the appropriate number of flats past the mark. Do NOT over tighten it.

FLATS FROM WRENCH RESISTANCE CHART for JIC Hose Ends			
Size		FFWR	
Dash	Frac. (in.)	37° Tube Nut	Swivel Nut
-4	1/4"	2	1.5
-5	5/16"	2	2
-6	3/8"	1.5	1.5
-8	1/2"	1.5	1.25
-10	5/8"	1.5	-
-12	3/4"	1.25	-
-16	1"	1	-
-20	1 1/4"	1	-
-24	1 1/2	1	-
-32	2"	1	-



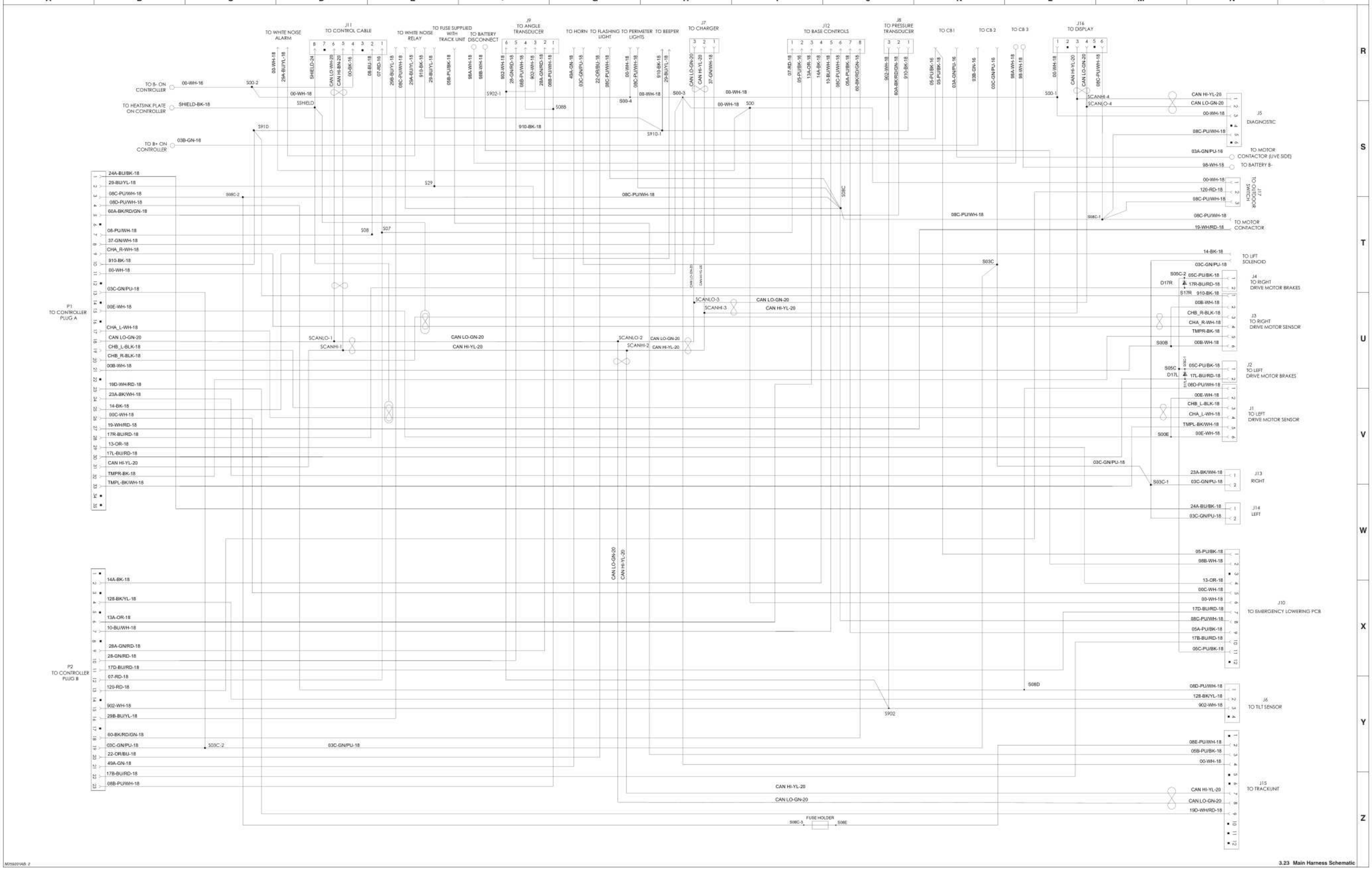
7. Apply a drop of torque seal to the connection.

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3.23 Main Harness Schematic



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