SKID STEER LOADER

SERVICE MANUAL

HSL600T, HSL680T

HYUNDAI

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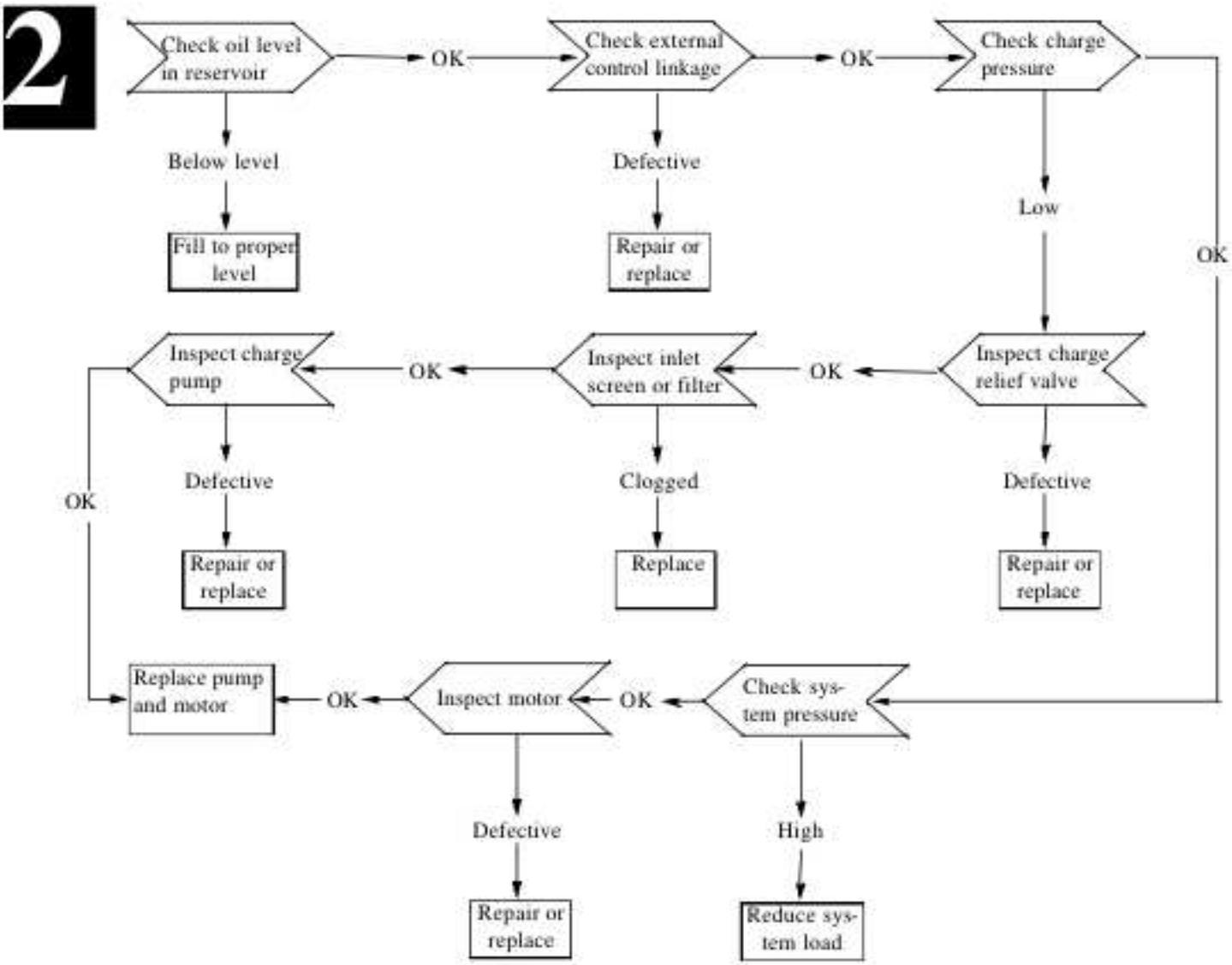
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TROUBLE SHOOTING 2.4

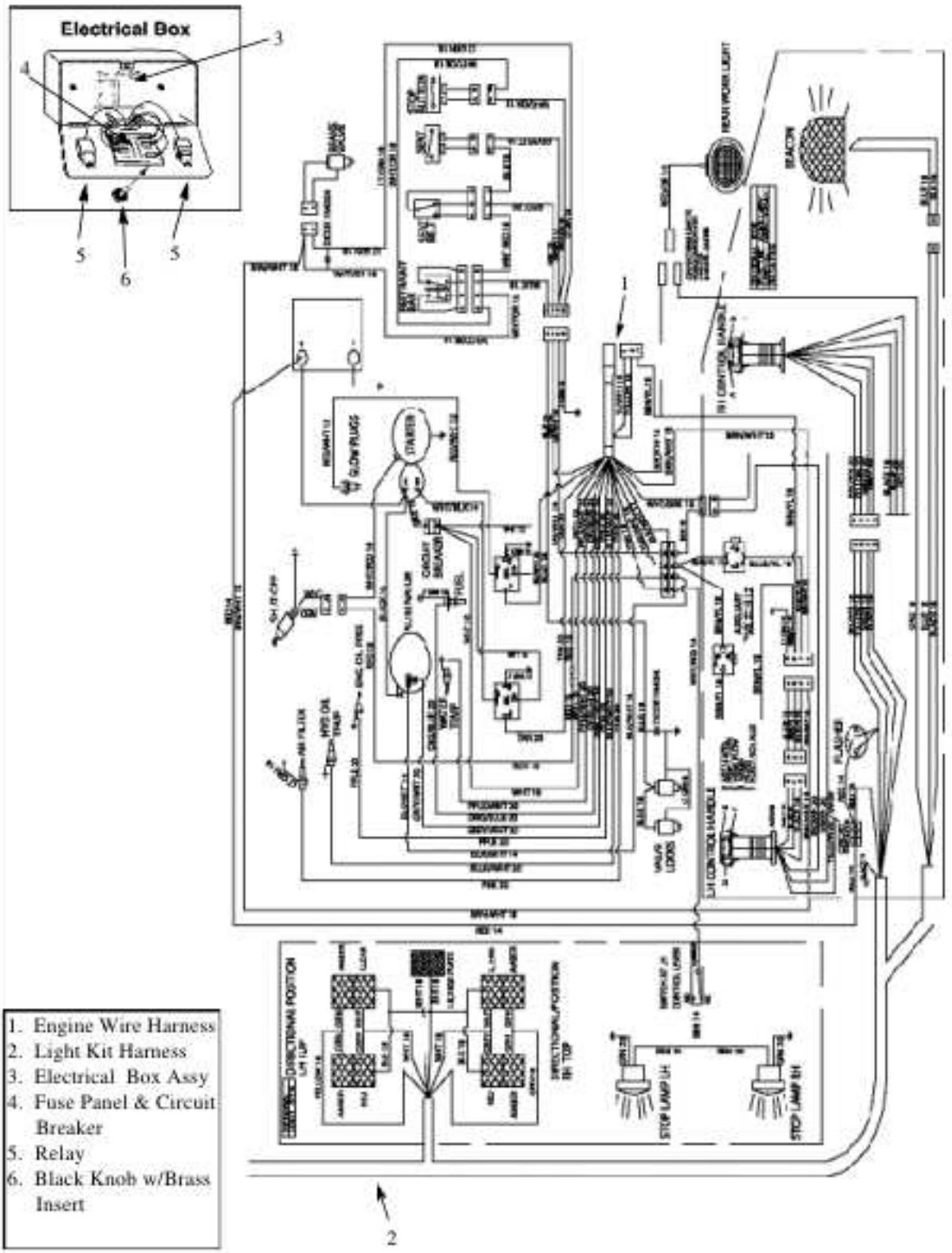
Symptom: System Will Not Operate In Either Direction



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WIRING SCHEMATIC 5.2

Engine Electrical Wiring 137/153 C4188



1. Engine Wire Harness
2. Light Kit Harness
3. Electrical Box Assy
4. Fuse Panel & Circuit Breaker
5. Relay
6. Black Knob w/Brass Insert

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SPECIFICATIONS 8.4

Torque Specifications

Loader

Wheel nuts (24) ..... 100 - 110 ft lbs. (136 - 139 Nm)
Chain tightener adjuster nuts (6) ..... 150 ft lbs. (203 Nm.)
Motor mount isolators (4) ..... 60 ft lbs (81.6 Nm)

FOR NON-CRITICAL AND NOT OTHERWISE MENTIONED APPLICATIONS. THE FOLLOWING GENERAL ASSEMBLY TORQUES WILL APPLY:

Bolts & Nuts	*Torque ft. lbs (Nm.)*		
1/4 - 20	5 - 7 (6. 7 - 9. 5)	7/16 - 20	40 - 45 (54 - 61)
5/16 - 18	12 - 15 (16 - 20)	1/2 - 13	45 - 50 (61 - 68)
5/16 - 24	12 - 15 (16 - 20)	1/2 - 20	50 - 60 (68 - 81)
3/8 - 16	17 - 22 (23 - 30)	9/16 - 12	60 - 70 (81 - 95)
3/8 - 24	22 - 27 (30 - 37)	9/16 - 18	65 - 75 (88 - 102)
7/16 - 14	30 - 35 (41 - 47)	5/8 - 11	75 - 85 (102 - 115)
		5/8 - 18	100 - 110 (136 - 150)

Hydraulic Fittings: Specifications listed in ft lbs. Multiply by 1.36 for Nm.

HOSE SIZE	37° JIC FITTINGS	HOSE SIZE	ORB FITTINGS
1/4	9 to 10	1/4	14 to 16
5/16	15 to 16	5/16	18 to 20
3/8	20 to 22	3/8	24 to 26
1/2	30 to 33	1/2	50 to 60
5/8	40 to 44	5/8	72 to 80
3/4	70 to 77	3/4	125 to 135
7/8	82 to 90	7/8	160 to 180
1	55 to 60	1	200 to 220
1 1/4	120 to 132	1 1/4	210 to 280
1 1/2	131 to 144	1 1/2	270 to 360
2	300 to 330		

The following torque specifications are for steel ORB fittings into aluminum.

HOSE SIZE	ORB FITTINGS	HOSE SIZE	ORB FITTINGS
1/4	5 to 7	3/4	40 to 45
5/16	8 to 10	7/8	50 to 55
3/8	10 to 12	1	90 to 99
1/2	21 to 24	1 1/4	80to 90
5/8	27 to 30		

8

Tandem Pump		
Description	**Qty.**	**Specification**
Front Support	1	50 (+/- 2)
Rear Mounting	2	60 (+/- 2)
Trunion Seal Carrier	4	20 (+/- 2)
Trunion Seal Cover	4	20 (+/- 2)
Relief Valve	4	40 (+/- 10)
Charge Relief Cap	1	40 – 100
Tandem Section	4	40 (+/- 5)
Gear Pump	2	25 (+/- 2)

Torque Motor		
Description	**Qty.**	**Specification**
Valve Housing	4	130
Bearing Housing	8	46.5
Front Cover	8	10.7
Bearing Nut	1	45
Mounting	4	80

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