An Oshkosh Corporation Company

Service Manual

Models

L2906H, 2906H, 3507H, 619A, 723A

Agrovector

29.6LP, 29.6, 35.7

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An Oshkosh Corporation Company

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2.3 SPECIFICATIONS

2.3.1 Travel Speed

	L2906H, 2906H, 29.9LP, 29.6 & 619A	3507H, 35.7 & 723A
First Gear	10 kmph (6 mph)	7 kmph (4 mph)
Second Gear	34 kmph (21 mph)	33 kmph (20 mph)

2.3.2 Hydraulic Cylinder Performance Specifications

Note: *Machine with no load, engine at full throttle, hydraulic oil above 54° C (130° F) minimum, engine at operating temperature.*

Function	Approximate Times (sec.)
Boom Extend	6
Boom Retract	4
Boom Lift	6
Boom Lower	4
Quick Attach - UP	2
Quick Attach - DOWN	2

2.3.3 Electrical System

Note: *Refer to Section 9.8, "Fuses and Relays," for more information.*

Battery	
Type, Rating	12V, Negative (-) Ground, Tapered Top Post, Maintenance Free
Quantity	1
Reserve Capacity	1000 Cold Cranking Amps @ -18° C (0° F)
Group/Series	BCI Group 31
Alternator	12V, 95 Amps
Starter	12V, 3.0 KW Type EV (Gear Reduction)

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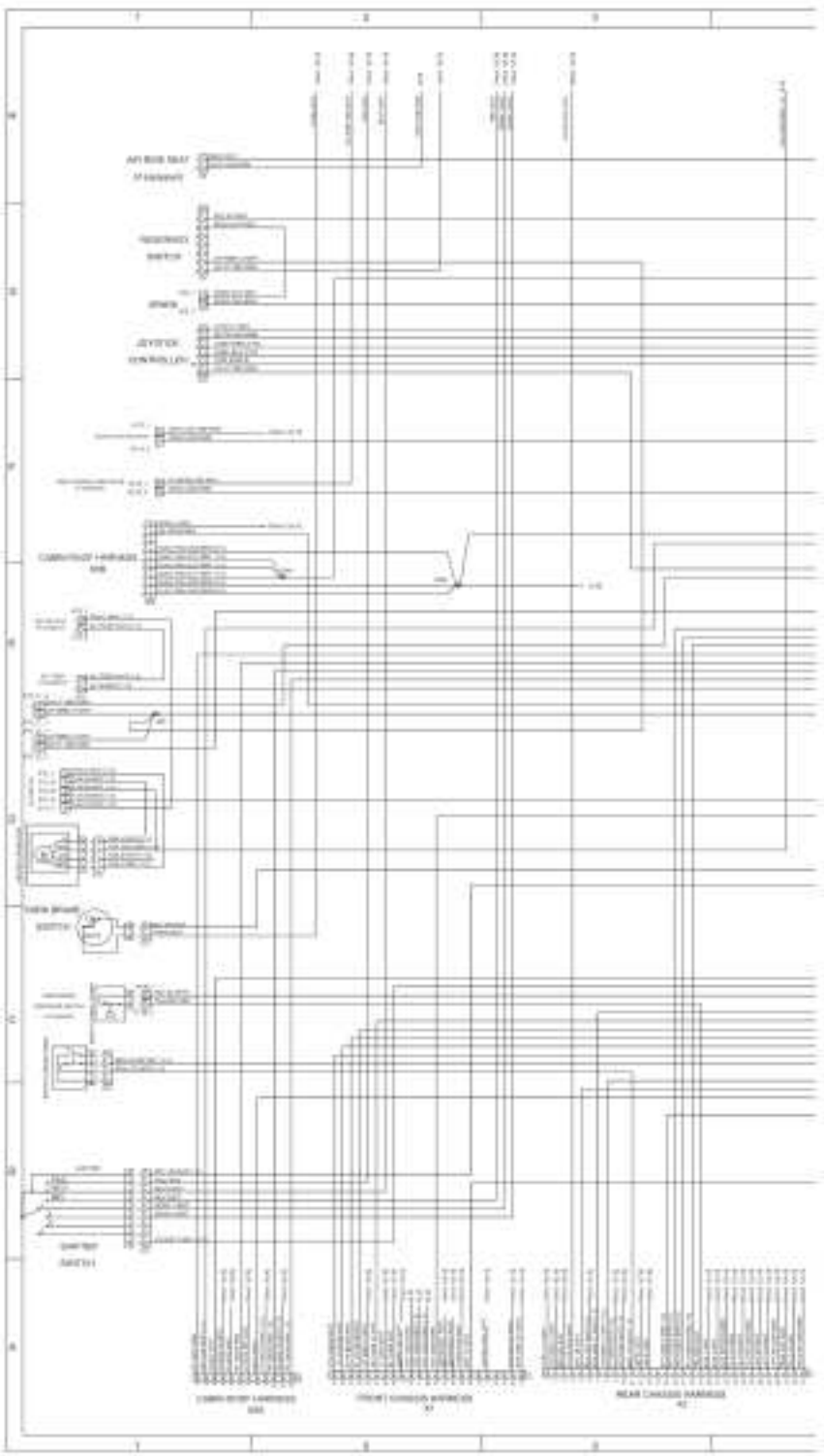
5.4.6 Axle Assembly and Drive Shaft Troubleshooting (Continued)

Problem	Possible Causes	Remedy
7. Axle overheating.	1. Oil level too high.	1. Fill oil to correct level. (Refer to Section 2.4, "Fluids, Lubricants and Capacities.")
	2. Axle and/or wheel end housings filled with incorrect oil or oil contaminated or oil level low.	2. Drain axle and/or wheel end housing and fill to correct level. (Refer to Section 2.4, "Fluids, Lubricants and Capacities.")
8. High steering effort required.	1. Steering (hydraulic) system not operating properly.	1. Refer to the appropriate Axle Repair Manual.
	2. Excessive joint housing swivel bearing preload.	2. Correct bearing preload by adding or removing shims as needed.
	3. Worn or damaged swivel bearings.	3. Replace swivel bearings as needed.
9. Slow steering response.	1. Steering (hydraulic) system not operating properly.	1. Refer to the appropriate Axle Repair Manual.
	2. Steering cylinder leaking internally.	2. Repair or replace steering cylinder as needed.
10. Excessive noise when brakes are engaged.	1. Brake discs worn.	1. Check brake discs for wear. Refer to appropriate Axle Repair Manual.
	2. Brake discs damaged.	2. Replace brake discs.
11. Brakes will not engage.	1. Brake (hydraulic) system not operating properly.	1. Refer to the appropriate Axle Repair Manual.
	2. Brake piston o-rings and seals damaged (leaking).	2. Replace o-rings and seals.
12. Brakes will not hold the machine or braking power reduced.	1. Brake discs worn.	1. Check brake discs for wear. Refer to the appropriate Axle Repair Manual.
	2. Brake (hydraulic) system not operating properly.	2. Refer to the appropriate Axle Repair Manual.
	3. Brake piston o-rings and seals damaged (leaking).	3. Replace o-rings and seals.

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9.9.2 Cab Harness Electrical Schematic 2 of 2

Before S/N 1160005989 excluding 116005189, 1160005314 & 1160005414 (Sheet 3)



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