An Oshkosh Corporation Company

Service Manual

Models
G6-42A, G9-43A & G10-43A

G6-42A
S/N 0160048658 & After
G9-43A & G10-43A
S/N 0160048671 & After
excluding 0160048773

31200792

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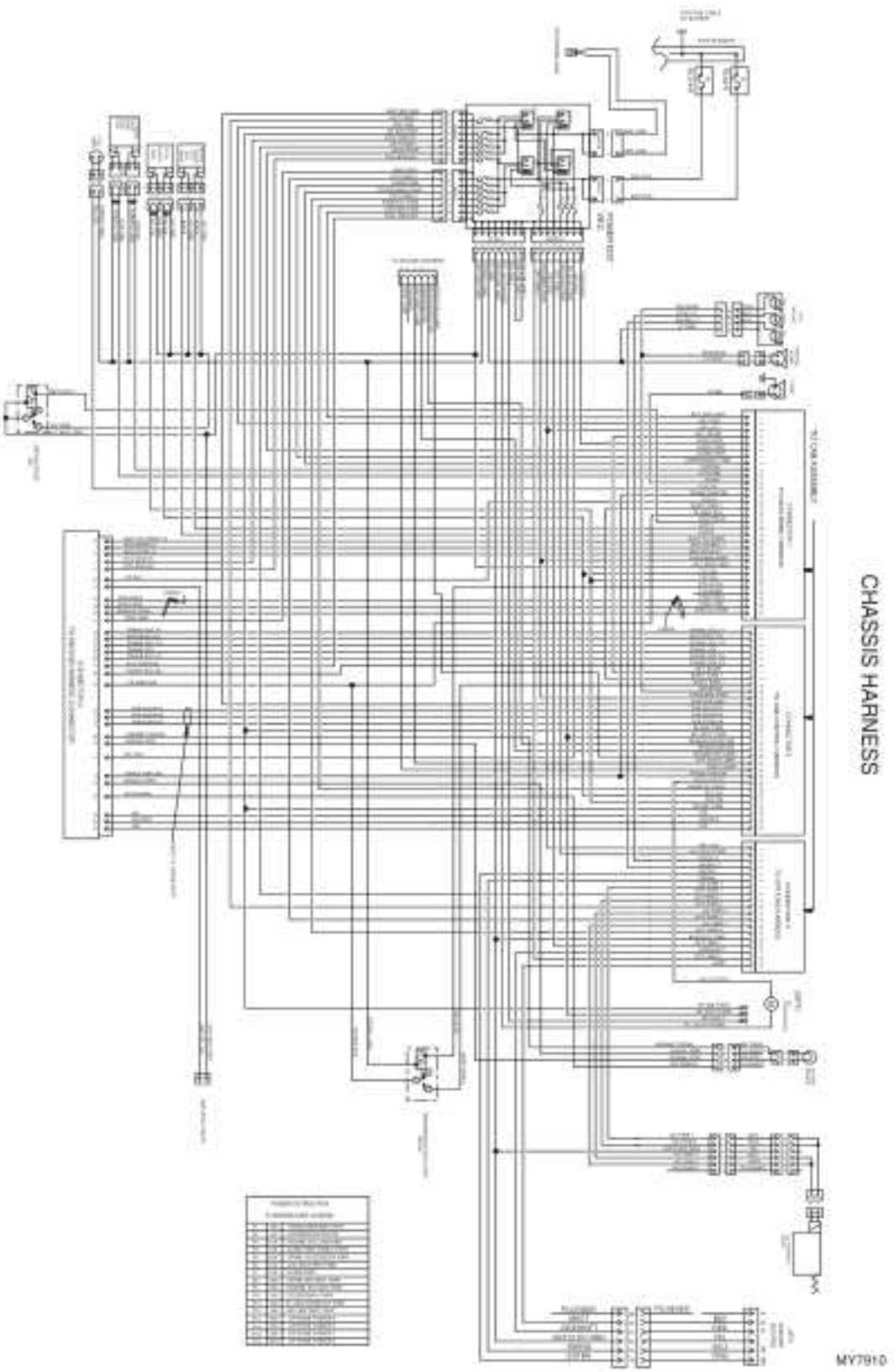
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2.5.3 Capacities

Engine Crankcase Oil	
Capacity with Filter Change	8.0 quarts (7,6 liters)
Fuel Tank	
Capacity	38 gallons (144 liters)
Cooling System	
System Capacity	15 quarts (14,2 liters)
Hydraulic System	
System Capacity	
G6-42A	43 gallons (163 liters)
G9-43A & G10-43A	44 gallons (168 liters)
Reservoir Capacity to Middle of Sight Gage	24.5 gallons (93 liters)
Auxiliary Hydraulic Circuit Max Flow	Not Available at Publication
Transmission	
Capacity with Filter Change	16 quarts (15,1 liters)
Transfer Case	
Capacity	2.1 quarts (2,0 liters)
Axles	
Differential Housing Capacity	
G6-42A	8.5 quarts (8 liters)
Friction Modifier (Front differential only)	13.6 ounces (402,2 milliliter)
G9-43A & G10-43A	
Front	8.2 quarts (7,8 liters)
Rear	13 quarts (12,3 liters)
Friction Modifier (Front differential only)	13.12 ounces (372,7 milliliter)
Wheel End Capacity	
G6-42A	1.7 quarts (1,6 liters)
G9-43A & G10-43A	1.75 quarts (1,65 liters)
Air Conditioning System (if equipped)	
System Capacity	2.5 lb (1134 g)

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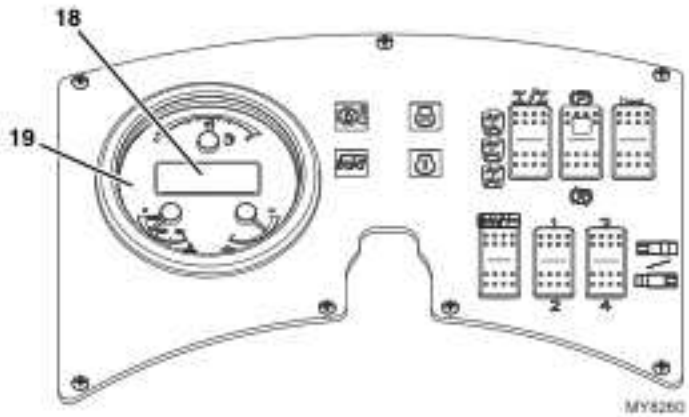
9.5.4 Chassis Schematic



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9.13 SAE DIAGNOSTIC TROUBLE AND FAULT CODES

9.13.1 Gauge Fault Code Display



- Fault codes will appear in the display area (18) of the gauge (19).

9.13.2 Fault Codes

Fault Codes	SPN Codes	FMI Codes	Lamp Color	SPN Description	Cummins Description
115	612	2	Red	System Diagnostic Code # 2	Engine Speed/Position Sensor Circuit lost both of two signals from the magnetic pickup sensor—Data Erratic, Intermittent, or incorrect
122	102	3	Amber	Boost Pressure	Intake Manifold Pressure Sensor Circuit—Voltage Above Normal, or Shorted to High Source
123	102	4	Amber	Boost Pressure	Intake Manifold Pressure Sensor Circuit—Voltage Below Normal, or Shorted to Low Source
131	91	3	Red	Accelerator Pedal Position	Accelerator Pedal or Lever Position Sensor Circuit—Voltage Above Normal, or Shorted to High Source
132	91	4	Red	Accelerator Pedal Position	Accelerator Pedal or Lever Position Sensor Circuit—Voltage Above Normal, or Shorted to High Source
133	974	3	Red	Remote Accelerator	Remote Accelerator Pedal or Lever Position Sensor Circuit—Voltage Above Normal, or Shorted to High Source
134	974	4	Red	Remote Accelerator	Remote Accelerator Pedal or Lever Position Sensor Circuit—Voltage Below Normal, or Shorted to Low Source

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