A TEREX COMPANY

Service Manual

Serial Number Range

S-60
S-65
S-60 HC
S-60 TRAX
S-65 TRAX

from S6007-14782
to S6010-21000

Part No. 139188

Rev D2

September 2013

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Specifications

Machine Specifications

Tires and wheels, S-60, S-65 and S-60 HC	
Tire size (Rough terrain, low profile)	355/55D625
Tire size (Rough terrain, tall)	385-19.5
Tire size (Hi-flotation)	41/18LL x 22.5
Tire ply rating (Rough terrain, low profile and Hi-flotation)	14
Tire ply rating (Rough terrain, tall)	16
Wheel lugs	9 @ 5/8 -18
Lug nut torque, dry	240 ft-lbs 325 Nm
Lug nut torque, lubricated	180 ft-lbs 244 Nm
Overall tire diameter (Rough terrain, low profile tires)	36.9 in 93.7 cm
Overall tire diameter (Rough terrain, tall tires)	40.1 in 102 cm
Overall tire diameter (Hi-flotation tires)	40.3 in 102.4 cm
Tire pressure (Rough terrain, low profile tires)	70 psi 4.92 bar
Tire pressure (Rough terrain, tall tires)	85 psi 5.9 bar
Tire pressure (Hi-flotation tires)	60 psi 4.13 bar

Track Components, S-60 TRAX and S-65 TRAX	
Track material	Rubber
Tensioning system	Pressurized grease
Weight (each)	1,500 lbs 680 kg

Fluid capacities	
Fuel tank	35 gallons 151 liters
LPG tank	33.5 pounds 15.2 kg
Hydraulic tank	45 gallons 170 liters
Hydraulic system (including tank)	55 gallons 208 liters
Drive hubs	20 fl oz 0.6 liters
Turntable rotation drive hub (before serial number 20367)	40 fl oz 1.2 liters
(after serial number 20366)	43 oz 1.3 liters

Drive hub oil type:
SAE 90 multipurpose hypoid gear oil API service classification GL5

For operational specifications, refer to the Operator's Manual.

Continuous improvement of our products is a Genie policy. Product specifications are subject to change without notice.

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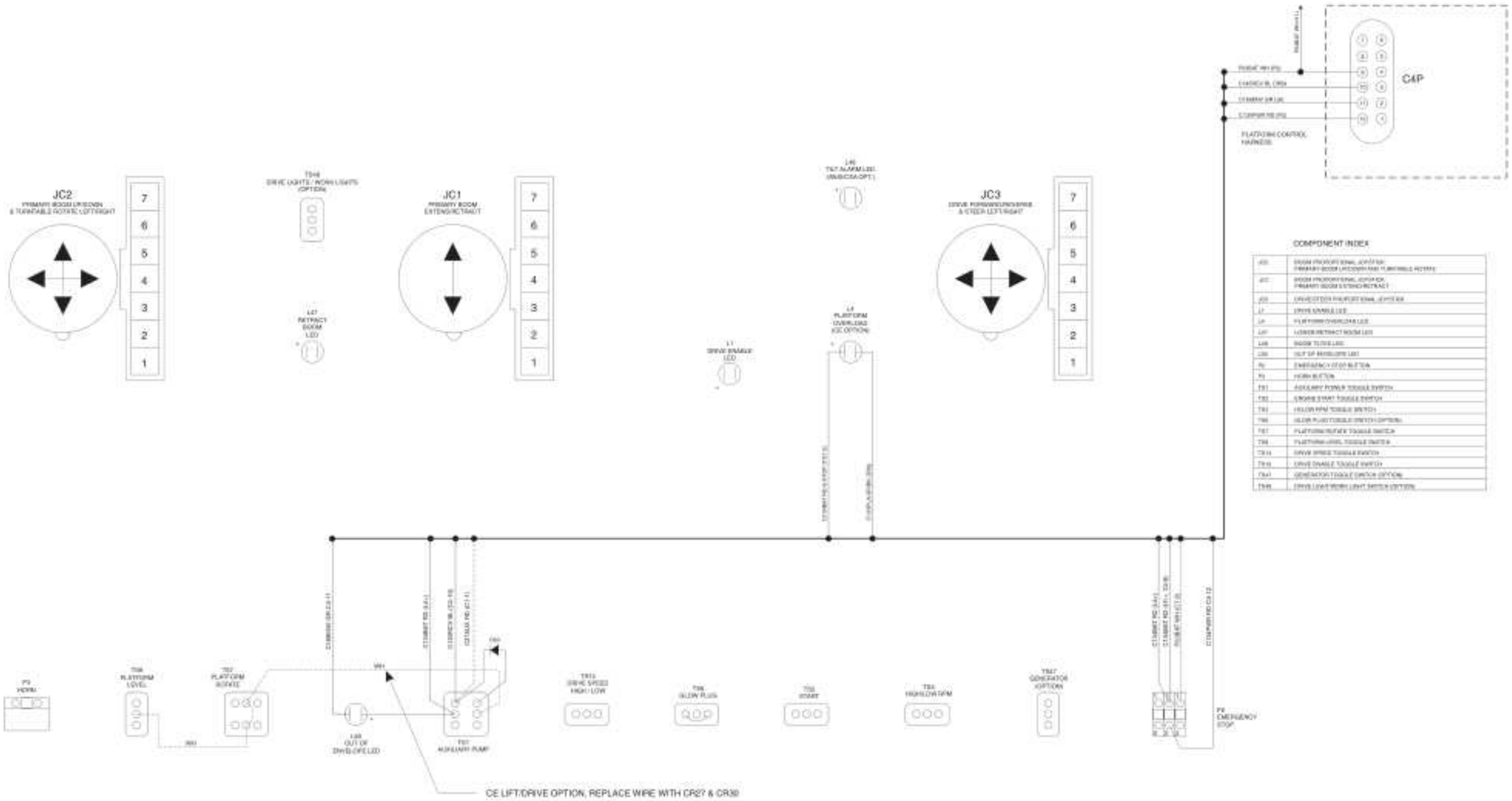
FAULT CODES

Error Source		Error Type		Condition	Solution
ID	Name	ID	Name		
32	Boom Angle Safety Sensor (C141PBS)	5	Sensor tolerance fault	Power relays disengaged.	Repair wiring and/or connections OR replace boom angle sensor and calibrate overload system.
		11	Output short high	Power relays disengaged. Boom angle sensor wiring open or shorted to voltage.	Repair wiring and/or connections OR replace boom angle sensor and calibrate overload system.
		12	Value too high	Power relays disengaged. Boom angle sensor wiring open or shorted to voltage OR sensor is out of operating range.	Repair wiring and/or connections OR adjust or replace boom angle sensor and calibrate overload system.
		15	Value too low	Power relays disengaged. Boom angle sensor wiring open or shorted to ground OR sensor is out of operating range.	Repair wiring and/or connections OR adjust or replace boom angle sensor and calibrate overload system.
		16	Output short low	Power relays disengaged. Boom angle sensor wiring open or shorted to ground.	Repair wiring and/or connections OR replace boom angle sensor and calibrate overload system.
		17	Not calibrated	Boom range of motion is limited.	Calibrate the platform load sense system.
		18	Just calibrated	Used to clear diagnostic codes.	Self-clearing.
		21	Inconsistent	Checks operational and safety sensor values against each other.	Repair wiring and/or connections OR replace boom angle sensor and calibrate overload system.

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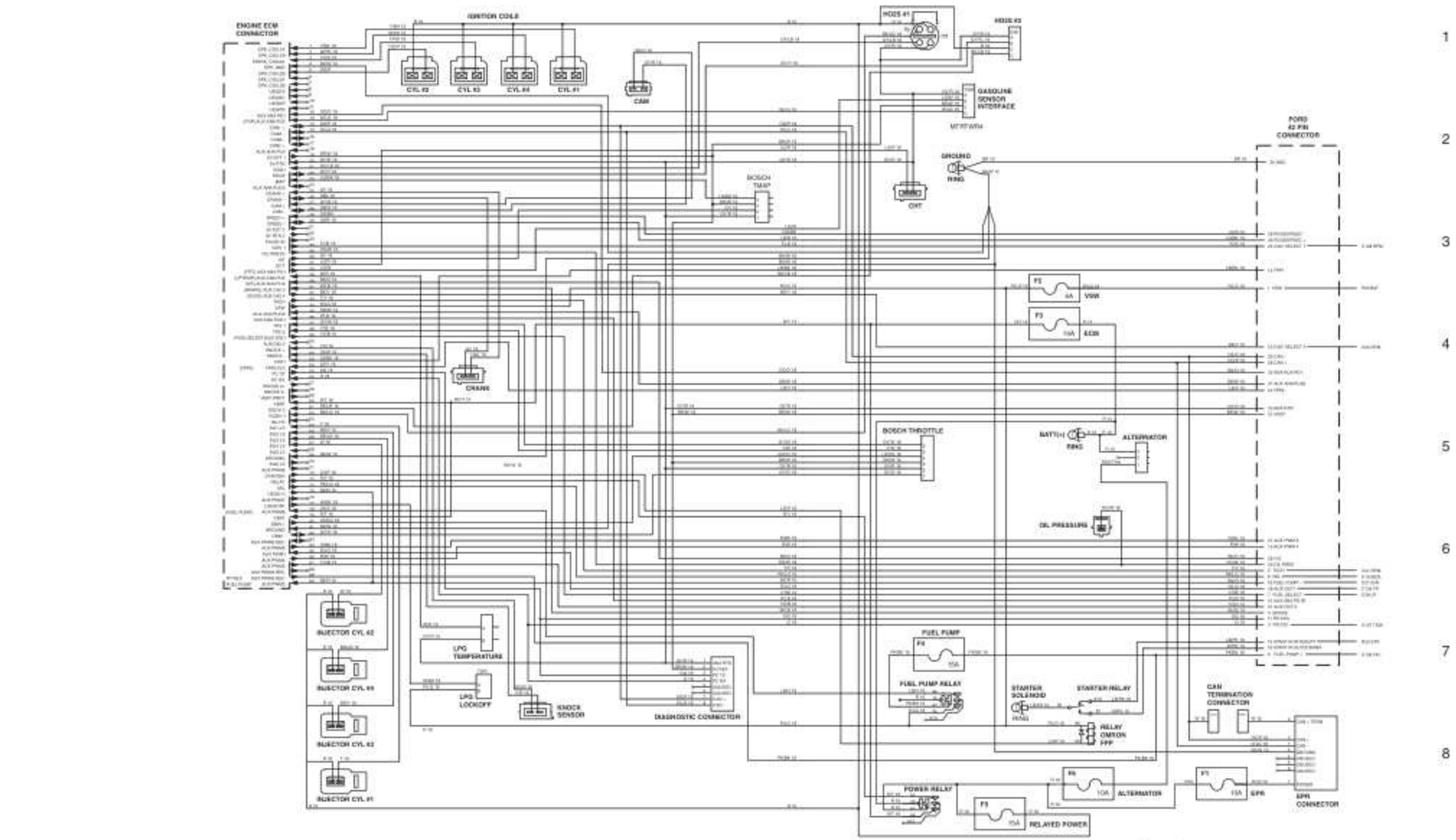
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Platform Control Box Wiring Diagram, S-60 HC
(before serial number 19039)



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Ford DSG-423 EFI Engine Wire Harness



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