A TEREX COMPANY

Service and Repair Manual

	Serial Number Range
S-60	from S6013-26296 to S6016A-31260 from S6016N-31261 to S6016N-35000 from S6016H-35001 to S6016H-3699
S-65	from S6014D-101 to S6016D-639 from S6016M-101 to S6016M-399
S-60X	from S60X13-26296 to S60X16H-36399 from S60XC13-26296 to S60XC16H-36399
S-60XC	from S60HC13-26296 to S60HC15A-29544
S-60 HC	from S60TX13-26296 to S60TX16H-36399 from S60TX14D-101 to S60TX16D-639 from S65TX13-26296 to S65TX16H-36399 from S65TX14D-101 to S65TX16D-639
S-60TraX	from S60H-36400 from S60XH-36400 from S60XCH-3640 to S60XCH-45000 from S60TXH-36400 from S65TXH-36400 from S65TXM-101
S-65 TraX	from S60D-640 from S60TXD-640 from S60XD-640 from S60M-400

This manual includes:
Repair procedures
Fault Codes
Electrical and
Hydraulic Schematics

For detailed maintenance procedures, refer to the appropriate Maintenance Manual for your machine.

Part No. 1268492GT
Rev B
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Specifications

Machine Specifications

Tires and wheels, S-60, S-65, S-60 HC, S-60X and S-60XC	
Tire size (Rough terrain)	355/55D625
Tire weight, new foam-filled (minimum) (Rough terrain)	415 lbs 188 kg
Tire size (Hi-flotation)	41/18LL x 22.5
Tire ply rating (Rough terrain and Hi-flotation)	14
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 (Hi-flotation tires)	40.3 in 102.4 cm
Tire pressure (Rough terrain, low profile tires)	70 psi 4.92 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	
(Deutz and Perkins Models)	35 gallons 132.5 liters
(Ford models)	30 gallons 113.5 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 591 cc
Turntable rotation drive hub (before serial number 20367)	40 fl oz 1183 cc
(after serial number 20366)	43 oz 1262 cc
Drive hub oil type:SAE 90 multipurpose hypoid gear oil API service classification GL5	

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Ford MSG-425 Engine Fault Codes

Code	Description
16	Never crank synced at start
91	FP low voltage
92	FP high voltage
107	MAP Low Voltage
108	MAP High Pressure
111	IAT higher than expected 1
112	IAT low voltage
113	IAT high voltage
116	ECT higher than expected 1
117	ECT/CHT Low Voltage
118	ECT/CHT High Voltage
121	TPS1 lower than TPS2
122	TPS1 low voltage
123	TPS1 high voltage
127	IAT higher than expected 2
129	BP low pressure
134	EGO open/lazy pre-cat 1
140	EGO open/lazy post-cat 1
154	EGO open/lazy pre-cat 2/post-cat 1
160	EGO open/lazy post-cat 2
171	AL high gasoline bank1
172	AL low gasoline bank1
174	AL high gasoline bank2
175	AL low gasoline bank2
182	FT Gasoline Low Voltage
183	FT Gasoline High Voltage
187	FT Gaseaous fuel low voltage
188	FT Gaseaous fuel high voltage
217	ECT higher than expected 2
219	Max govern speed override
221	TPS1 higher than TPS2
222	TPS2 low voltage
223	TPS2 high voltage
236	TIP Active
237	TIP Low Voltage
238	TIP High Voltage
261	Injector Loop Open or Low-side short to Ground
262	Injector Coil Shorted
264	Injector Loop Open or Low-side short to Ground
265	Injector Coil Shorted
267	Injector Loop Open or Low-side short to Ground
268	Injector Coil Shorted
270	Injector Loop Open or Low-side short to Ground
271	Injector Coil Shorted
273	Injector Loop Open or Low-side short to Ground
274	Injector Coil Shorted
276	Injector Loop Open or Low-side short to Ground
277	Injector Coil Shorted
279	Injector Loop Open or Low-side short to Ground
280	Injector Coil Shorted
282	Injector Loop Open or Low- side short to Ground
283	Injector Coil Shorted
285	Injector Loop Open or Low-side short to Ground
286	Injector Coil Shorted
288	Injector Loop Open or Low-side short to Ground
289	Injector Coil Shorted

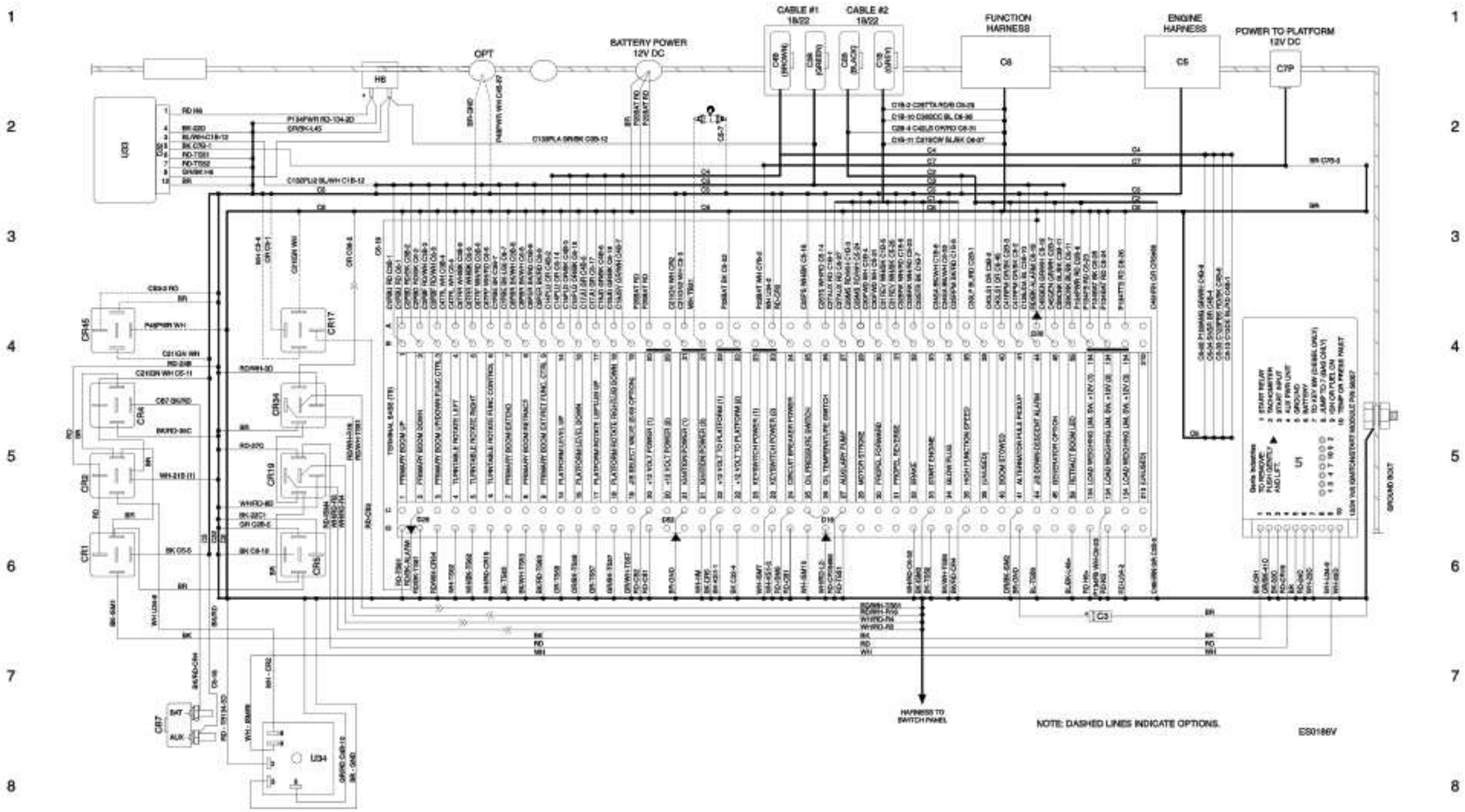
For further engine fault code troubleshooting and diagnostic information, refer to the Ford MSG-425 EFI Diagnostic Manual (EDI part number 1080030).

Ford MSG-425 EFI Diagnostic Manual	
Genie part number	162067

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Ground Control Box Terminal Strip Wiring Diagram,

Deutz D2011L03i • TD2011L04i Models (AS)



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Ground Control Box Terminal Strip Wiring Diagram,

Deutz D436 L3i Models (CE)

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