

D100, D105, D110, D120,
D125, D130, D140, D150,
D155, D160, and D170
Lawn Tractors Diagnostic
and Repair



TECHNICAL MANUAL

**Lawn Tractors models D100, D110, D120, D130, D140, D150, D160, D170, D155,
D125, D105 (SN. 010001-)**

TM113219 10 MAR 16 (ENGLISH)



Install Muffler, V-Twin Engine

[1] - Park machine safely on flat level surface. (See "Park Machine Safely.")

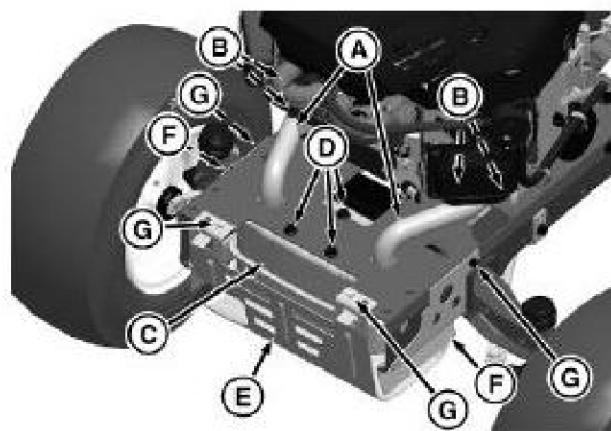
[2] - Disconnect battery negative (—) cable.

(MY -2014)

[1] -

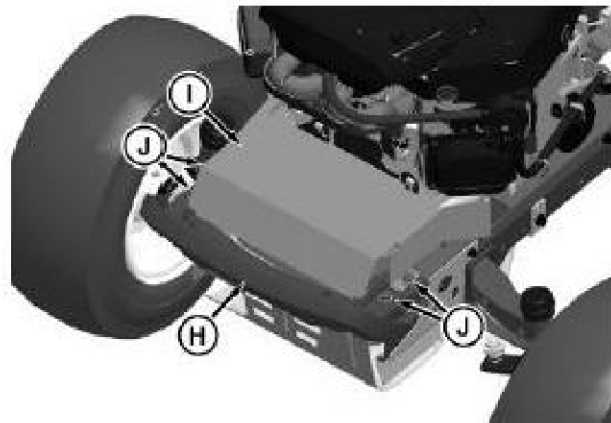
→NOTE:

Install new gaskets when installing muffler.



LEGEND:

- A Exhaust Tube
- B Cap Screw
- C Muffler
- D Cap Screw
- E Lower Heat Shield
- F Side Heat Shield
- G Cap Screw
- H Hood Pivot Bracket
- I Upper Heat Shield
- J Cap Screw



(MY -2014)

Install exhaust tubes (A) to engine with cap screws (B). Tighten cap screws to specification.

Item	Measurement	Specification
Exhaust Manifold Cap Screws	Torque	19 N·m (165 lb.-in.)

[2] - Clean and inspect muffler flange for flatness. Install muffler (C) to frame with three cap screws (D). Tighten cap screws to specification.

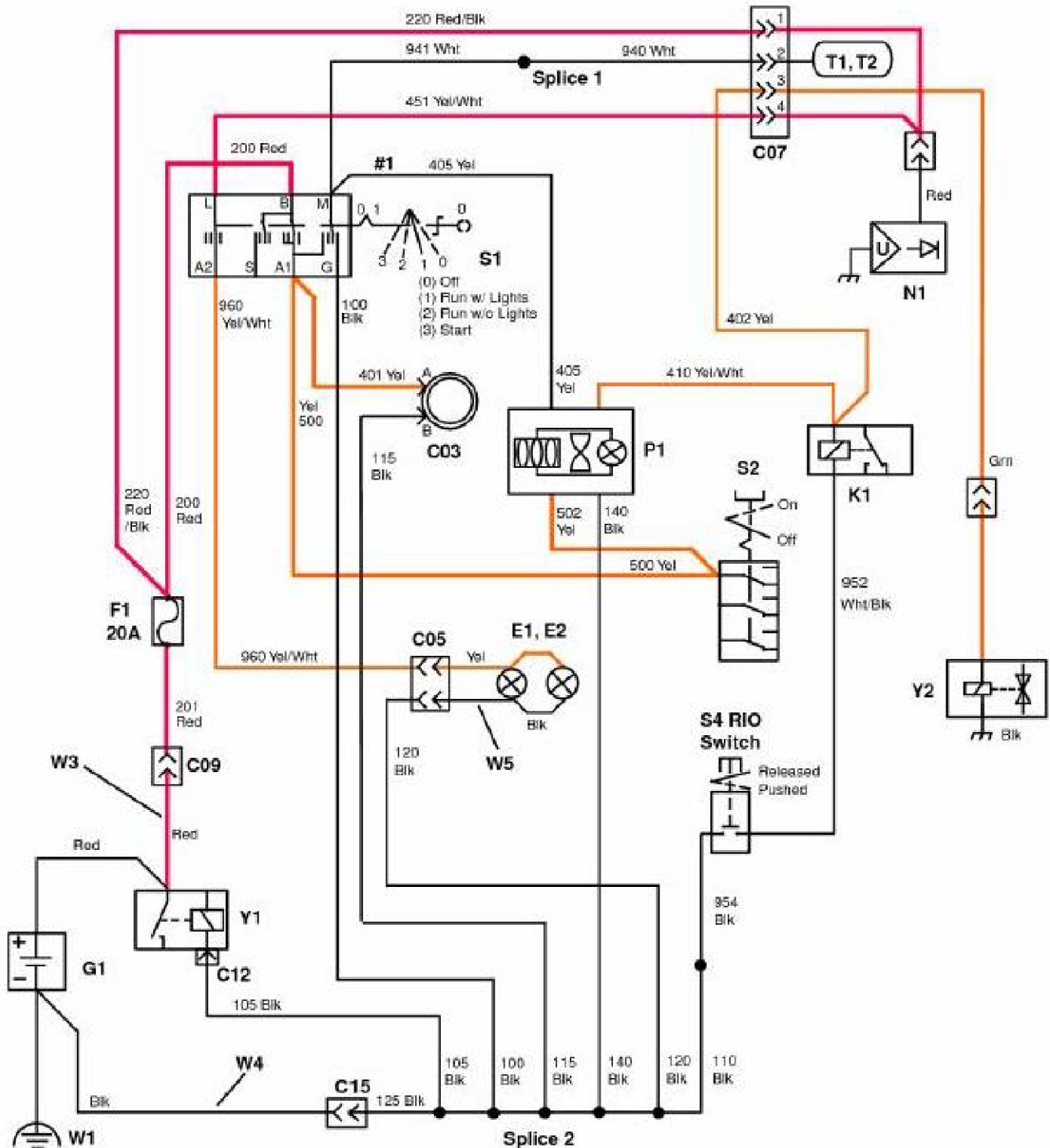
Item	Measurement	Specification
Muffler to Frame Cap Screws	Torque	7 N·m (62 lb.-in.)

[3] - Install lower heat shield (E) and side heat shields (F). Secure the shields with cap screws (G). Tighten cap screws to specification.

Item	Measurement	Specification
Heat Shield Cap Screws	Torque	5 N·m (40 lb.-in.)

[4] - Install hood pivot bracket (H) and upper heat shield (I) to machine with cap screws (J).

- K1 RIO latch relay: The relay coil path to ground is only completed if the RIO latch switch is depressed. Refer to "PTO with RIO Circuit Operation" in this Section.
- Y2 fuel shutoff solenoid: The solenoid is grounded by a Blk wire attached to the engine.
- E1 and E2 headlights: W5 headlight wiring harness Blk wire, via connector C05, to 120 Blk wire, spliced to 125 Blk wire, to W4 negative wiring harness, and completed by the negative battery cable.

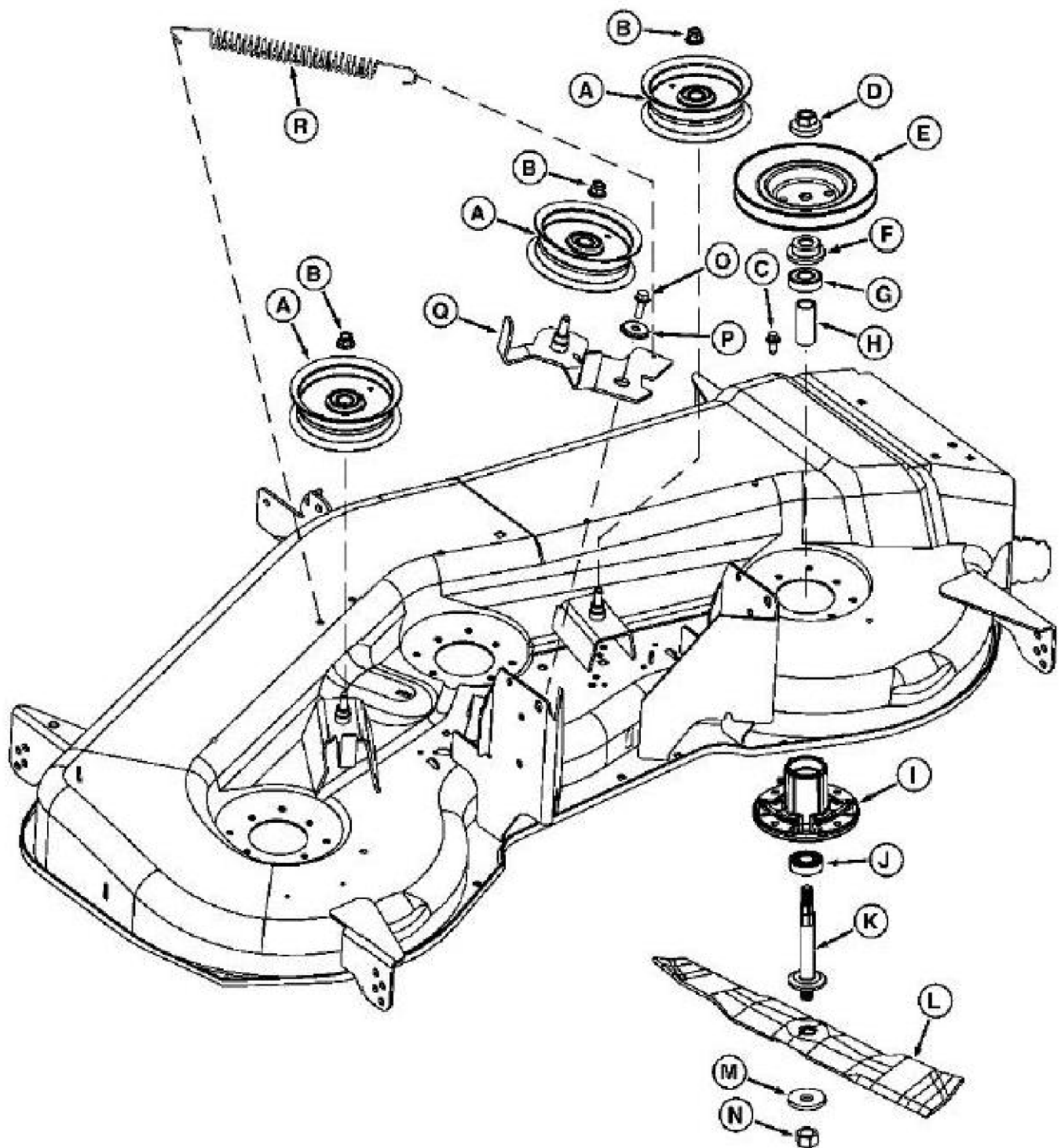


D140, D150, D155, D160, D170 Power Circuit Schematic

LEGEND:

- E1, E2 Headlights
- C03 Power Port (option)
- F1 Fuse, 20 amp
- G1 Battery
- K1 RIO Latch Relay

Idlers and Sheaves (54 inch Deck)










































Idlers and Sheaves (54 inch Deck)

DEFINITIONS:

A	Idler Sheave (3 used)
B	Locknut (3 used)
C	Cap Screw (4 used on each spindle)
D	Spindle Nut (3 used)
E	Spindle Sheave (3 used)
F	Seal (3 used)
G	Ball Bearing (3 used)
H	Spacer (3 used)
I	Spindle (3 used)
J	Ball Bearing (3 used)

TM113219 - John Deere D100, D105, D110, D120, D125, D130, D140, D150, D155, D160, and D170 Lawn Tractors Diagnostic and LA Series Lawn Tractors Riding Lawn Equip manual

Illustrated Factory Technical Manual for John Deere Lawn Tractors Models D100, D105, D110, D120, D125, D130, D140, D150, D155, D160, and D170 This manual contains high quality images, circuit diagrams, instructions to help you to maintenance, troubleshooting, diagnostic, and repair your truck. This document is printable, without restrictions, contains searchable text, bookmarks, crosslinks for easy navigation. Language: English Format: PDF, 732 pages Covered models (SN. 010001-):     D100    D110    D120    D130    D140    D150    D160    D170    D155    D125    D105     



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for your reading.
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