Lawn and Garden Tractors

Chapter #21
Tractor Safety

• Protect Children

• Operating a Tractor Safely
  – Safely adjusting Mower Blades
  – Avoid Tipping the Mower
  – Parking a Tractor Safely
• Transporting a Tractor
Tractor Uses

• Mowing and Mulching
  – Proper Mowing
  – Mower Deck and Blade Adjustment
  – Proper Mulching
• Leaf Collecting
• Plowing, Throwing and Blowing Snow
• Preparing Soil for Planting
• Hauling a Trailer
• Rotary Broom Sweeping
Engine Components

• Chassis and Steering
Transmissions

Variable-Speed Transmissions
• Hydrostatic Transmissions
• Hydrostatic Transmission Fluid Flow
Electrical Safety Systems

• Safety Interlocks
• Electric Start Systems
  – Testing an Interlock Electrical Systems
• Recoil Start System
  – Starting a Tractor with a Recoil Start System
  – Disassembly Procedure
  – Assembly Procedure
Circuits for Study

• Figure 21-46 through Figure 21-50
• 600 Series MTD tractors with Briggs & Stratton
• Engine Lubrication
• Optional Oil Accessories
• Air Filter
• Muffler
• Engine Cleaning
• Radiator Cleaning
• Battery Maintenance
• Sharpening and Balancing Mower Blades
• Fueling and Refueling
• Storing a Tractor
• Removing a Tractor from Storage
Snow Throwers

Chapter #22
Operating Safely
Machine Types and Features

• Small Snow Throwers
• Midsize Snow Throwers
• Heavy-Duty Snow Thrower
• Engine Controls
  – Varies from one manufacture to the next
  – Refer to owners manual
• Operator Presence Controls
• Electric Start System
• Drive Systems
• Track Systems
Personal Watercraft
Jet Drive
Engine
Forward - Reverse
The Pump
Engine
Engine
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