655, 755, 855, 955, 756 and 856 Compact Utility Tractors

TECHNICAL MANUAL

John Deere Lawn & Grounds Care Division TM1360 (June 1996)

Contents

SECTION 10—GENERAL INFORMATION	SECTION 80—MISCELLANEOUS REPAIR
Group 05—Safety	Group 15—Operator's Seat
Group 10—Repair Specifications	Group 20—European Roll-Gard®
Group 15—Repair Information	Group 25—German Rear Hitch
Group 20—Fuels, Lubricants, and Coolants	Group 30—3-Point Hitch
Group 25—Serial Number Locations	
	SECTION 210—MACHINE OPERATIONAL
SECTION 20—DIESEL ENGINE REPAIR	CHECKOUT PROCEDURE
Group 05—Yanmar Diesel Engine Repair	Group 05—Machine Operational Checkout
	Procedure
Group 10—Remove and Install Oil Cooler Group 15—Remove and Install Radiator	Procedure
Group 20—Remove and Install Diesel Engine	
Group 20—Remove and install Diesel Englile	SECTION 220—ENGINE/FUEL OPERATION AND TESTS
SECTION 30—FUEL AND AIR REPAIR	Group 05—Engine Systems Operational Checkout
Group 05—Fuel Transfer Pump	Procedure
Group 10—Fuel Tank	Group 10—Engine System Diagnosis
Group 15—Fuel Tank Tube and Sender	
Group 20—Air Cleaner	OFOTION AND ELECTRICAL OPERATION
	SECTION 240—ELECTRICAL OPERATION AND TESTS
SECTION 40—ALTERNATOR REPAIR	Group 05—Electrical System Checkout
Group 05—Alternator Repair Specifications	Group 10—Electrical System Diagnosis
Group 10—Alternator Installation	Group 15—Theory of Operation
SECTION 50—POWER TRAIN REPAIR	SECTION 250—POWER TRAIN OPERATION
Group 05—Hydrostatic Transmission	AND TESTS
Group 10—Transaxle	Group 05—Power Train System Checkout
Group 15—Final Drives	Group 10—Power Train Tests and Adjustments
Group 20—Mechanical Front Wheel Drive (MFWD)	Group 15—Theory of Operation
Group 25—Power Train Gears and Shafts	CECTION OCC. CTEERING AND DRAKE
Group 30—Speed Control Linkage	SECTION 260—STEERING AND BRAKE OPERATION AND TESTS
	Group 05—Steering and Brakes System Checkout
SECTION 60—STEERING AND BRAKES REPAIR	Group 10—Steering and Brakes Tests and
Group 05—Standard Front Axle	Adjustments
Group 10—Steering Valve	Group 15—Theory of Operation
Group 15—Brake Linkage	
	SECTION 270—HYDRAULIC OPERATION
SECTION 70—HYDRAULICS REPAIR	AND TESTS
Group 05—Hydraulic Pump	Group 05—Hydraulic System Checkout
Group 10—Flow Divider and Selective Control	Group 10—Hydraulic System Tests and
Valves (SCV's)	Adjustments
Group 15—Rockshaft	Group 15—Theory of Operation
Group 20—Hydraulic Hoses	Group to Thiotiy of Operation
	INDEX
All information illustrations and	specifications in this manual are based
	ble at the time of publication. The right is
reserved to make changes at a	

i

TM 1360-19-01Jun 96

10

20

30

.0

50

U

U

0

210

220

Section 10 General Information

Contents

Johnship	
Page	Page
Group 05—Safety Safety Items10-05-1	Group 25—Serial Number Locations Product Serial Number
Group 10—Repair Specifications	Transaxle Serial Number 10-25-1
General Tractor Specifications10-10-1	Mower Deck Serial Number 10-25-1
Group 15—Repair Information	
Metric Fastener Torque Values	
Inch Fastener Torque Values	
O-Ring Face Seal Fittings	
Group 20—Fuels, Lubricants, and Coolants	
Diesel Fuel—North America10-20-1	
Diesel Fuel Lubricity—North America 10-20-1	
Diesel Fuel Storage—North America10-20-1	
Diesel Fuel—Europe	
Diesel Fuel Lubricity—Europe	
Diesel Fuel Storage—Europe	
Engine Oil—North America	
Engine Oil—Europe	
Break-in Engine Oil—Europe10-20-6	
Hydrostatic Transmission and	
Hydraulic Oil— North America 10-20-7	
Hydrostatic Transmission and	
Hydraulic Oil— Europe	
Gear Case Oil (MFWD)—North America10-20-9	
Gear Case Oil (MFWD)—Europe	
Grease—North America10-20-11 Grease—Europe10-20-12	
North America	
Alternative Lubricants10-20-13	
Synthetic Lubricants	
Lubricant Storage10-20-13	
Mixing of Lubricants	
Oil Filters	
Europe Alternative Lubricante 10 20 14	
Alternative Lubricants	
Lubricant Storage	
Mixing of Lubricants	
Oil Filters	
Diesel Engine Coolant—North America 10-20-15	
Diesel Engine Coolant—Europe10-20-16	

HANDLE FLUIDS SAFELY—AVOID FIRES

When you work around fuel, do not smoke or work near heaters or other fire hazards.

Store flammable fluids away from fire hazards. Do not incinerate or puncture pressurized containers.

Make sure machine is clean of trash, grease, and debris.

Do not store oily rags; they can ignite and burn spontaneously.



DX,FLAME

DX SPARKS

-19-04JUN90

PREVENT BATTERY EXPLOSIONS

Keep sparks, lighted matches, and open flame away from the top of battery. Battery gas can explode.

Never check battery charge by placing a metal object across the posts. Use a volt-meter or hydrometer.

Do not charge a frozen battery; it may explode. Warm battery to 16°C (60°F).



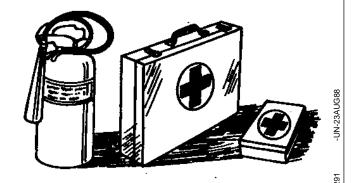
-19-04JUN90

PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

Keep a first aid kit and fire extinguisher handy.

Keep emergency numbers for doctors, ambulance service, hospital, and fire department near your telephone.



DX,FIRE2

-19-04JUN90

PREVENT ACID BURNS

Sulfuric acid in battery electrolyte is poisonous. It is strong enough to burn skin, eat holes in clothing, and cause blindness if splashed into eyes.

Avoid the hazard by:

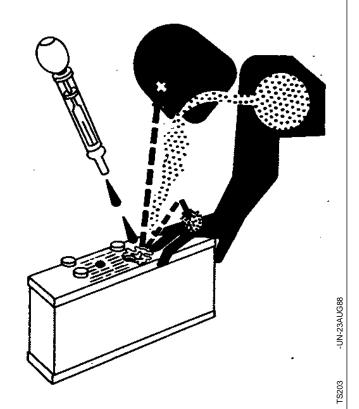
- 1. Filling batteries in a well-ventilated area.
- 2. Wearing eye protection and rubber gloves.
- 3. Avoiding breathing fumes when electrolyte is added.
- 4. Avoiding spilling or dripping electrolyte.
- 5. Use proper jump start procedure.

If you spill acid on yourself:

- 1. Flush your skin with water.
- 2. Apply baking soda or lime to help neutralize the acid.
- 3. Flush your eyes with water for 10-15 minutes. Get medical attention immediately.

If acid is swallowed:

- 1. Drink large amounts of water or milk.
- 2. Then drink milk of magnesia, beaten eggs, or vegetable oil.
- 3. Get medical attention immediately.



-19-04JUN90

Thank you so much for reading. Please click the "Buy Now!" button below to download the complete manual.



After you pay.

You can download the most perfect and complete manual in the world immediately.

Our support email: ebooklibonline@outlook.com