



University

# Technical Education Materials

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**NOTE:** Service Manuals available from the Toro University Bookstore **include** the ring binder with the manual. They **do not** include engine or hydraulic component manuals. Those can be ordered separately from the site.

Part No.	Description
<b>ALL PRODUCTS</b>	
* 10175SD	2010 Service Reference CD-ROM - 4 disk set (MSRP \$50.00 U.S.D.) (Includes ALL Service Manuals & Training Guides as of January 2010)
* 02107SL	Quick Reference Service Guide
<b>ROTARY MOWER SERVICE MANUALS</b>	
* 88712SL	Groundsmaster 220-D/223-D Service Manual (Add 91773SL for GM224) (Add 99048SL for GM225) (Add 492-4713 for GM1000L) (Add 01090SL for GM228-D)
* 91773SL	Mitsubishi GL3 Engine Service Guide (GM 224)
* 99048SL	Briggs & Stratton Daihatsu 3LC (Gas) Engine Repair Manual (GM225)
* 492-4713	Kawasaki FD620D Engine Service Manual (GM1000L)
* 01090SL	Kubota 05 Series Workshop Manual (GM228-D / GM328-D)
* 92801SL	Groundsmaster 300 Series Service Manual (Model 30739, 30741, 30788, 30789, 30795) (Add 01090SL for GM328-D Model 30626, 30627, 30630, 30631)
* 96890SL	Groundsmaster 3000/3000-D Service Manual
* 05138SL	Groundsmaster 3280-D/3320 Service Manual
* 01088SL	Groundsmaster 3500-D Service Manual
* 05145SL	Groundsmaster 3505-D Service Manual
* 93804SL	Groundsmaster 455-D Service Manual
* 02097SL	Groundsmaster 4000-D Service Manual (Model 30410)
* 08161SL	Groundsmaster 4000-D Service Manual (Model 30412)
* 10176SL	Groundsmaster 4000/4010 Service Manual (Model 30448 and 30446)
* 03116SL	Groundsmaster 4100-D Service Manual (Model 30411)
* 08162SL	Groundsmaster 4100-D Service Manual (Model 30413)
* 10178SL	Groundsmaster 4300 Service Manual
* 02104SL	Groundsmaster 4500/4700-D Service Manual (Model 30856 and 30868)
* 09172SL	Groundsmaster 4500/4700-D Service Manual (Model 30857 and 30858)
* 90743SL	Groundsmaster 580-D Service Manual (Add 95866SL for Model 30581) (Add 04131SL for Model 30582 and 30583)
* 95866SL	Mitsubishi S4S-DT Engine Service Manual (GM580-D, Model 30581)
* 04131SL	Mitsubishi S4S-Y2DT61TG Engine Service Manual (GM580-D, Model 30582 and 30583)
* 08159SL	Groundsmaster 5900/5910 Service Manual
* 07150SL	Groundsmaster 7200/7210 Service Manual

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<b>LARGE REEL MOWER SERVICE MANUALS</b>	
* 02103SL	Reelmaster 2000-D Service Manual
* 96876SL	Reelmaster 2300-D/2600-D Service Manual
* 99024SL	Reelmaster 3100-D Service Manual
* 06148SL	Reelmaster 5210/5410/5510/5610 Service Manual
* 99046SL	Reelmaster 5200-D/5400-D Service Manual
* 94819SL	Reelmaster 5300-D Service Manual
* 00075SL	Reelmaster 5500-D Service Manual
* 95871SL	Reelmaster 6500-D/6700-D Service Manual (Models with Peugeot engine)
* 01084SL	Reelmaster 6500-D/6700-D Service Manual (Models with Kubota engine)
* 98958SL	Reelmaster 4000-D Service Manual
* 94817SL	Reelmaster 4500-D Service Manual
<b>GREENS REEL MOWER SERVICE MANUALS</b>	
* 96889SL	Greensmaster 1000/1600 Service Manual
* 06149SL	Greensmaster Flex 18/21 Service Manual (Models 04018, 04019, 04030, 04022, 04024, 04025, 04031)
* 01089SL	Greensmaster Flex 21 Service Manual (Model 04021)
* 89740SL	Greensmaster 3000/3000-D Service Manual
* 92784SL	Greensmaster 3100/3050 Service Manual
* 03113SL	Greensmaster 3150 Service Manual
* 96900SL	Greensmaster 3200/3200-D Service Manual
* 00062SL	Greensmaster 3250-D Service Manual

<b>VEHICLE AND SPRAYER SERVICE MANUALS</b>	
* 02110SL	Workman 1100/1110/2100/2110 Service Manual
* 08160SL	Workman MD/MDX Service Manual
* 04127SL	Workman e2050/e2065 Service Manual
* 08164SL	Workman MDE Service Manual
* 93808SL	Workman 3000/4000 Series Service Manual (S/N Below 240000000) (Add 01091SL for Diesel Engine Models - S/N 220000001 – 230999999) (Add 99048SL for Liquid Cooled Gas Engine Models - S/N 220000001 - 230999999)
* 03126SL	Workman 3000/4000 Series Service Manual (S/N 240000001 and up)
* 09173SL	Workman HD/HDX Series Service Manual
* 03124SL	Workman 200 Sprayer Service Manual (for Workman 3000/4000 Series)
* 99048SL	Briggs & Stratton Daihatsu 3LC (Gas) Engine Repair Manual (Workman 3000/4000 S/N 220000001 - 230999999)
* 01091SL	Briggs & Stratton Daihatsu 3LC (Diesel) Engine Repair Manual (Workman 3000/4000 S/N 220000001 - 230999999)
* 03112SL	Multi Pro 1200/1250 Service Manual
* 03123SL	Multi Pro 5600 Service Manual
* 04130SL	Multi Pro 5700-D Service Manual
<b>SPECIALTY EQUIPMENT SERVICE MANUALS</b>	
* 04133SL	Greens Aerator Service Manual
* 91764SL	Hydroject 3000/4000 Service Manual
* 04134SL	Hydroject 3010 Service Manual
* 05144SL	Line Painter 1200 Service Manual
* 04129SL	ProCore 648 Service Manual
* 07155SL	ProCore 864/1298 Service Manual
* 08156SL	ProCore Processor Service Manual
* 08158SL	ProForce Blower Service Manual
* 05137SL	Pro Sweep 5200 Service Manual
* 98957SL	Sand Pro / Infield Pro 2020/3020/5020 Service Manual
* 06147SL	Sand Pro / Infield Pro 3040/5040 Service Manual
* 07154SL	Topdresser 1800/2500 Service Manual
00060SD	Olathe Technical Publications CD-ROM

<b>GENERAL SERVICE TRAINING</b>	
08-004-T	DVD – Turf Equipment Safety (English and Español) Includes Subtitles: Chinese, English, Espanol, French, German, Japanese, Korean, Russian
07153SV	DVD – Diesel Engine Diagnostics, Hydraulic Filters and Oil, and Hydraulic Testing (replaces individual VHS videos of the same subjects)
09166SD	CD-ROM – Technical Training Basics (PowerPoint presentations and Training Guides – Electrical, Hydraulics, Reel Mowers, Rotary Mowers)
* 09170SL	Electrical Systems Basics Book (replaces 96885SL Electrical Systems and Components)
* 09169SL	Hydraulic Systems Basics Book (replaces 89356SL Hydraulics, Hydrostatics, Schematics & Test Equipment)
* 09168SL	Reel Mower Basics Book (replaces 98008SL Fundamentals of Reel Mowers) Includes Reel and Bedknife Grinding Guidelines and Specs.
* 09167SL	Rotary Mower Basics Book (Includes Blade Sharpening Guidelines)
* 99051SL	Hydraulic Filters Book
* 99040SL	Lubrication Book
* 99043SL	Engine Diagnostics Book
* 82356ES	Hydraulics, Hydrostatics, Schematics & Test Equipment (Español)
* 96878SL	Hydraulic Schematic Pocket Guide
* 94813SL	Hydraulic Hose Servicing Book
* 08163SL	Electrical Charging / Starting Systems Guide
* 96885ES	Electrical Systems and Components Book (Español)
* 96887SL	Electrical Testing Pocket Guide
* 98008ES	Fundamentals of Reel Mowers Book (Español)
* 00076SL	Aftercut Appearance Troubleshooting Guide
* 98962SL	ACE Operation and Diagnostics Book
* 98962ES	ACE Operation and Diagnostics Book (Español)
<b>ROTARY MOWER SERVICE TRAINING</b>	
04135SV	DVD - Groundsmaster 4000 Series Radiator Cleaning

<b>GENERAL OPERATOR TRAINING (English / Español)</b>	
08-004-T	DVD – Turf Equipment Safety (English and Español) Includes Subtitles: Chinese, English, Español, French, German, Japanese, Korean, Russian
<b>ROTARY MOWER OPERATOR TRAINING (English / Español)</b>	
98-0757	Groundsmaster 328-D Series Operator Training DVD
108-9693	Groundsmaster 3280-D/3320 Operator Training DVD
104-4824	Groundsmaster 3500-D Operator Training DVD
108-9014	Groundsmaster 3505-D Operator Training DVD
104-3575	Groundsmaster 4000-D Operator Training DVD (Model 30410 and 30412)
105-7323	Groundsmaster 4100-D Operator Training DVD (Model 30411 and 30413)
117-5746	Groundsmaster 4000-D/4010-D/4100-D/4010-D Operator Training DVD (Model 30448, 30446, 30449, 30447)
117-0230	Groundsmaster 4700-D/4500-D/4300-D/3500-D/3505-D Operator Training DVD (Model 30858, 30857, 30859, 30861)
105-9217	Groundsmaster 4500-D/4700-D Operator Training DVD (Model 30856 and 30868)
117-4755	Groundsmaster 4500-D/4700-D Operator Training DVD (Model 30857 and 30858)
04135SV	Groundsmaster 4000 Series Radiator Cleaning DVD
98-0759	Groundsmaster 580-D Operator Training DVD
110-5927	Groundsmaster 5900/5910 Operator Training DVD
112-6344	Groundsmaster 7200/7210 Operator Training DVD
<b>LARGE REEL MOWER OPERATOR TRAINING (English / Español)</b>	
106-8118	Reelmaster 2000-D Operator Training DVD
99-3486	Reelmaster 3100-D Operator Training DVD
110-8983	Reelmaster 5010 Series Operator Training DVD
112-6560	Reelmaster 6500-D/6700-D Operator Training DVD
99-4702	Reelmaster 4000-D Operator Training DVD
<b>GREENS REEL MOWER OPERATOR TRAINING (English / Español)</b>	
98-7285	Greensmaster 500/800/1000/1600 Operator Training DVD
110-2388	Greensmaster Flex 18/21 Operator Training DVD
114-4629	Greensmaster 3000 Series Operator Training DVD
<b>VEHICLE AND SPRAYER OPERATOR TRAINING (English / Español)</b>	
110-2583	Workman 3000/4000 Series Operator Training DVD
115-7838	Workman HD/HDX Operator Training DVD
106-1364	Workman Sprayer Operator Training DVD (for Workman 3000/4000 Series)
110-2581	Workman 1100/1110/2100/2110 Operator Training DVD
110-2582	Workman e2050/e2065 Operator Training DVD
115-7659	Workman MD/MDX/MDE Operator Training DVD
106-4892	Multi Pro 1200 Operator Training DVD
106-4893	Multi Pro 1250 Operator Training DVD
107-8705	Multi Pro 5700-D Operator Training DVD

<b>SPECIALTY EQUIPMENT OPERATOR TRAINING (English / Español)</b>	
110-8541	Hydroject 3010 Operator Training DVD
108-0240	Line Painter 1200 Operator Training DVD
98-0767	Sand Pro / Infield Pro 2020 Operator Training DVD
110-8127	Sand Pro / Infield Pro 3040/5040 Operator Training DVD
108-2121	ProCore 648 Operator Training DVD
115-2804	ProCore 864/1298 Operator Training DVD
114-5088	ProCore Processor Operator Training DVD
117-7028	ProCore SR Series Operator Training DVD
112-6821	ProForce Blower Operator Training DVD
119-6101	ProForce Blower Operator Training DVD
108-0857	Pro Sweep 5200 Operator Training DVD
117-8364	Pro Sweep Turf Sweeper Operator Training DVD