

MODIFICATIONS TO MAN040
1995 1030 SERIES OPERATORS MANUAL
FOR TEMPORARY USE WITH "B" SERIES 1025/1030 IRRIGATORS

The 1030 series operators manual needs to be modified to reflect the differences between this and the new B1025/1030 series machines. The major difference between the machines is that the B1025/1030 is equipped with a three speed transmission instead of a six speed transmission. There are also differences in the compensation system adjustments, miswind adjustments, and drive platforms. The final version of the operators manual will be reformatted to reflect all of these differences. Until this is completed, please refer to the 1030 series irrigator manual (040) and to the modification list which follows.

If you have any questions regarding the safe and proper operation of your irrigator, please contact your dealer. If they cannot assist you, they can contact factory personnel who can answer your questions. We apologize for any inconvenience this has or may cause you.

Differences and Modifications to MAN040 for use with B1025/1030 series irrigators.

Page	Block	Change	Description
Cover	Modify	Change	Illustration, Manual number, Series number, Phone number to reflect new 757 area code.
I	Page	Modify	Change Table of contents to reflect new manual.
II	Page	None	Intro. page is fine.
III	Page	Modify	Modify to reflect B1025/1030. For specification modifications refer to attached spec sheet.
1-1	Page	None	
1-2	1, 2, 3	None	
1-3	1, 2, 3	None	
1-4	Page	Modify	New illustration w/decals placement. See parts catalog for safety decals used on machine.
1-5	Page	Modify	As for page 1-4
1-6	Page	None	

Page	Block	Change	Description
2-1	Page	None	
2-2	1	Modify	New illustration, delete references to fixed axle version.
2-2	2,3	Modify	New illustrations.
2-3	1	Modify	New illustration.
2-3	2,3	Modify	Tire pressure 50 PSI
3-1	Page	None	
3-2	1,2	Modify	New illustrations.
3-2	3	Modify	Delete references to drop leg jack.
3-3	1	Modify	New illustration. Change text to "Cut off the fuel valve on the engine"
3-3	2	Modify	New illustration.
3-3	3	Modify	New illustration. Text OK. (On this machine the brake is engaged if it is retracted into the frame, disengaged if it is pulled out and down to latch).
3-4	1	Modify	New illustration.
3-4	2	None	
4-1	Page	Modify	Modify to reflect B1025/1030. For specification modifications refer to attached spec sheet.
4-2	1,2,3	Modify	Delete turbine info, New illustrations.
4-3	Page	Delete	And replace with new charts and information. Refer to application rate charts enclosed.
4-4	Page	Delete	As for page 4-3

Page	Block	Change	Description
4-5	1	Modify	New illustration, Note on lock positions should be "the turntable can be rotated and locked at 0 degrees and +/- 5,10, and 15 degrees from each of the primary positions".
4-5	2,3	Modify	New illustrations, remove reference to drop leg jack in block 3.
4-6	1,2,3	Modify	New illustrations, remove reference to fixed axle machine in block 1.
4-7	1	Modify	New illustration.
4-7	2,3	None	
4-8	1,2	Modify	New illustrations. Change Warning in block 1 to "NEVER shift the gearbox into neutral unless the brake has been engaged"
4-8	3	None	
4-9	1,2,3	None	Possible illustration change block 1 & 2, new illustration block 3.
4-10	1,2	Modify	Remove reference to fixed axle machines, minor text revisions.
4-10	3	Delete	
4-11	1,2,3	Delete	
4-12	1,2,3	Delete	
4-13	1,2,3	Delete	
4-14	1,2,3	Delete	
4-15	1,2,3	Delete	
4-16	1,2,3	Delete	
4-17	1	Modify	New illustration, chg. text to "4HP"
4-17	2	Modify	New illustration.
4-17	3	Modify	New illus., Chg. text to "Turn ON the gas valve at the engine. If the engine is cold, turn choke lever ON"

Page	Block	Change	Description
4-18	1,2,3	Modify	New illustrations. Add statement in block 1 to lift the belt idler using the idler handle prior to starting the engine. Add statement after b) in block 3 to lower the belt idler using the idler handle.
4-19	1	Modify	Change chart for three speed gearbox. c) is correct, d) should read "engage the gearbox". See application rate charts for correct speed/gear selection.
4-19	2,3	Modify	New illustration block 2, change references in step 14, block 3.
4-20	1,2,3	Modify Add	New illustrations, in block 3 b) remove "if equipped". Insert section in new manual telling that hose can be rewound using the engine, rather than the PTO. Set up jackshaft for large pulley, gearbox in third gear, engine RPM,s to suit. Auto cutoff does work this way but RPM,s should be brought down 10 feet prior to cutoff.
4-21	1,2,3	Modify	New illustrations.
4-22	1,2,3	Modify	New illustrations.
4-23	1	Modify	New illustration. Step 9) remove references to drop leg jack.
4-23	2	Modify	New illustration. Chg. text to "Turn OFF the fuel valve on the engine"
4-23	3	Modify	New illustration.
4-24	Page	Modify	Change text on first line to "Turn OFF the fuel valve on the engine". Possible additions to list.

Page	Block	Change	Description
5-1	Page	None	Possible modifications to page references.
5-2	Page	Modify	New illustration of grease points. Schedule is still correct.
5-3	1	Modify	New illustration, better explanation of swivel fitting
5-3	2	Modify	New illustration, add grease fitting on slide rail and greasing of lower guide rail.
5-3	3	Modify	New illustration.
5-4	1	Modify	New illustration. Chg. text to reflect that the level wind chain can be tightened without removing any shields by loosening the idler and pushing down on the assembly to remove the slack and re-tightening the idler.
5-4	2	Delete	
5-4	3	Modify	New illustration, text is basically correct.
5-5	1	Modify	New illustration, change spring length measurement to "10 1/2 to 11 Inches plate edge to plate edge"
5-5	2	Modify	New illustration. Change text to "Maintain the engine according to the engine manufactures suggested maintenance schedule"
5-5	3	None	Consider omitting this. Purge kit should never be required on a machine of this size.
5-6	1	Modify	New illustration. Change tire pressure under c) to 50 PSI.
5-6	2	Modify	New illustration.

Page	Block	Change	Description
5-7	Page	Modify	Minor modifications including elimination of turbine machine references and alternate methods of draining the hose. This section to be expanded.
5-8	Page	Modify	Expand this section in the final manual. For now, delete all references to turbine machines and computers.
6-1	Page	None	Possible modifications to page references.
6-2	Page	Modify	Redo entire page. For current specifications, see attached spec sheet.
6-3	1	Modify	New illustration, remove turbine drive references.
6-3	2	Modify	New illustration. Change gun specification to SR100 gun unless high average application rates are allowable and the 3" hose version (B1030) is being used. In the case the SR150 <u>MAY</u> be the better choice.
6-3	3	Modify	New illustration. Wheel weights not available. Instead, 3 different leg weight kits are available.
6-4	1,2,3	Modify	Possible new illustrations. Consider dropping air purge from manual completely for this size machine.
6-5	1,2	Modify	As for page 6-4
6-6	1,2	Modify	New illustrations. Give more detailed description.
6-6	3	Modify	New illustration. Drop references to removing shield to adjust level wind timing.

Page	Block	Change	Description
6-7	1,2,3	Modify	Redo this entire section. Gas drive only using the new "Cam" type speed compensation. In general, adjust the speed compensation by shortening or lengthening the rod connecting the speed sensor arm to the cam. Lengthening the rod will cause the hose to come in slower as it climbs from layer to layer. Shortening the rod will make it speed up. Contact dealer or factor service personnel if you are having difficulties in setting this so we can talk you through the procedure. This section will be greatly expanded in the final version of the manual.
6-8	1,2,3	Modify	As for page 6-7
6-9	1,2,3	Modify	New illustrations. Information is correct.
6-10	1,2	Modify	New illustrations. Information is correct. Expand content.
6-11	1	None	
6-11	2,3	Modify	Insert new chart. New copy attached (Windage). Add explanation that application rate charts have the 70% figure built into the calculations.
6-12	Page	Modify	Delete this general chart and use the ones for this series machine. (Attached)
6-13	Page	None	This information is correct.
6-14	Page	Modify	Lane setup chart (top of page) is correct. Replace speed chart (bottom of page) with ones for this series of machine. (Attached)
Warranty	Page	Modify	Expanded description of what is and is not covered. Does not change warranty, just makes it more understandable.