FORM NO. 92-0415

TORO

MODEL NO. 41570-30101 & UP

OPERATOR'S INSTRUCTIONS

TOP DRESSER
FOR USE ON THE MULTI-PRO 5200 VEHICLE

Keep this Operators Manual, the Vehicle Operators Manual, the Engine Manual and all other Accessory Manuals in the plastic tube behind the operator seat.

It is very important that all persons operating this equipment have easy access to these instructions and safety information at all times!

The installation of accessories on the TORO Vehicle other than those designed and sold for that express purpose by TORO , may adversely affect the performance and safety characteristics of the Vehicle.

RECOGNIZE SAFETY INFORMATION



This safety-alert symbol is used to call attention to a dangerous situation, which could result in serious injury or death to the operator, a passenger or a bystander.

Follow recommended precautions and safe operating practices.

It is important to always replace any lost or damaged safety-alert and informational decals on the vehicle and accessories immediately.

INSTALLING AND USING ATTACHMENTS:

Always read the operating instructions that are included with the accessories BEFORE actually operating the unit. Carefully read and follow any "set-up" instructions that are given.

The addition of accessories, with their added weight and bulk will make the vehicle somewhat less stable. When turning or driving on slopes, always SLOW the vehicle before making a turn, and then SLOWLY turn the vehicle to prevent loss of control and possibly upset the vehicle.

DO NOT OVERLOAD THE VEHICLE. Maximum load limits are shown on decals used on all accessories . . . do not exceed these limits.

Failure to position loads carefully can result in their shifting or tipping over suddenly, causing the vehicle to upset.

Distribute loads evenly, keeping them low so as to prevent the vehicle from becoming top-heavy. When loading the cargo bed, have heavy loads to the front of the rear axle. Heavy loads in back of the rear axle can raise the front wheels clear of the ground, causing a loss of steering control and making the vehicle unstable.

FOLLOW SAFETY INSTRUCTIONS

This Manual is provided as a guide for the safe operation and proper maintenance of this equipment. However, the operator's personal safety, as well as those persons in the work area, will depend on the careful actions and good judgement of the operator

Carefully read the Vehicle's Operators Manual BEFORE attempting to operate the Vehicle and/or any of the Accessories.

Learn how to operate the machine and how to use controls properly. Do not let anyone operate without instruction.

DRIVE SAFELY

Always SLOW the vehicle when approaching, and while making, a turn.

Always SLOW the vehicle when driving in unfamiliar areas or over rough terrain.

Always SLOW the vehicle when changing the direction of travel or preparing to stop.

DO NOT make sudden or sharp turns or change direction of travel, on an incline, ramp, grade, slope or similar surface.

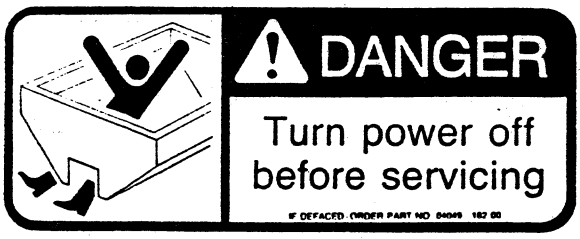
Adjust the vehicle speed to allow for existing conditions such as wet, slick surfaces, low visibility, etc.

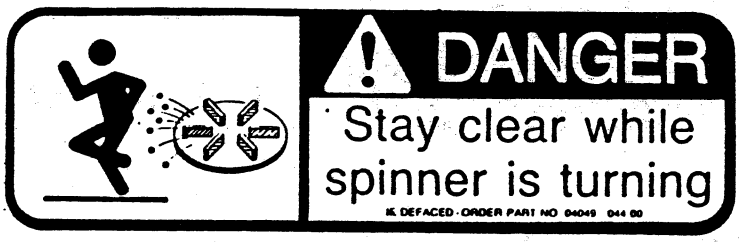
Drive the vehicle UP and DOWN the face of the slopes, inclines or grades whenever possible. DO NOT drive ACROSS the face if at all possible. There is a risk of upsetting the vehicle, which can result in serious injury or death.

Be especially careful when driving a heavily loaded vehicle down an incline or slope. SLOW the vehicle with the Vehicle Drive Control Lever. In case of the need for an emergency stop, use the foot brake.

©The Toro Company-1993

safety tips





BEFORE SERVICING OR ADJUSTING MACHINE:
- Disengage all power.
- Shut off the engine.
- Wait until all moving parts have STOPPED.

Keep hands, feet and clothing away from all power-driven parts.

Read instructions on chemical container thoroughly. Never exceed maximum load of 3500 lbs.

Make certain eveyone is clear before starting machine or moving vehicle.

Keep all nuts, bolts and other fasteners tightened.

Keep all shields in place.

Disengage PTO, shut off Hydraulic Valve and set parking brake BEFORE leaving operator's position

Make sure machine is solidly supported when it is being mounted, dismounted or stored.

operation

The Directional Control Valve is the ON/OFF control for the Top Dresser. Pull the Handle UP to engage the Hydraulic Motor and activate the drag chain/spinner drive mechanism. Push the Handle DOWN (to the NEUTRAL detente) to disengage the Hydraulic Motor and stop the drag chain/spinner drive.

Fill the Hopper...just prior to actual operation of the Top Dresser.

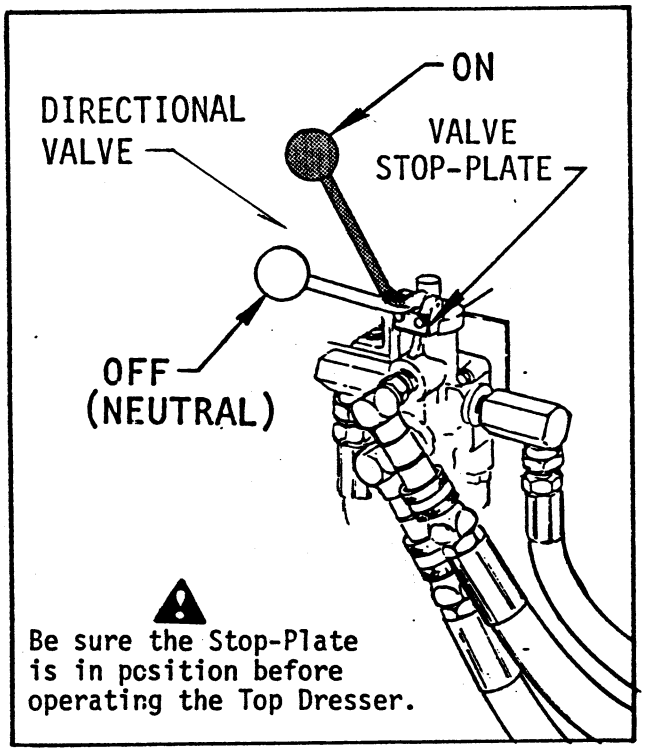
Start the engine and move the Vehicle Drive Lever in a FORWARD direction. As the Vehicle begins to move, pull UP on the Control Valve to activate the drag chain/spinner drive.

The depth at which the material is spread is determined by ;

- The Feed Gate opening
- The engine R.P.M.
- The Vehicle ground speed.

To operate at full capacity, (spreading 1350 pounds per minute) have the Feed Gate fully open and operate the engine at full throttle, with the Vehicle ground speed at approximately 1 1/2 miles per hour.

⚠ CAUTION! Always DISENGAGE the Hydraulic Motor, to stop the drag chain/spinner drive, BEFORE stopping the Vehicle.



⚠ CAUTION! If Control Valve Handle is pushed down, past the NEUTRAL detente, the drag chain drive will be REVERSED and cause serious damage to the Top Dresser.

maintenance

AFTER EVERY 10 HOURS OF OPERATION:

Grease idler bearings on idler shaft takeup assembly, outboard bearing on gearbox output shaft and lower spinner bearing.

AFTER EVERY 50 HOURS OF OPERATION:

Grease input shaft bearing on gearbox. CAUTION! Overgreasing may cause seal damage. The gearbox must be filled to oil level plug with SAE 90 gear lubricant. Keep breather plug clean.

When the Spreader is not in use , it should be washed out. If it is to be put in storage, all surfaces should be oiled or painted after washing.

Roller chain tension must be maintained. See "CHAIN TENSION" in assembly instructions. Oil the roller chain often and at end of season.

IMPORTANT

If drag chain becomes stuck or "frozen" to the floor to the point where the clutch cannot pull the load, never attempt to free the chain by using a pipe wrench or any tool on the output shaft. The gear box is designed to accept torque from input shaft only. Trying to turn the output shaft will strip the gears thus, voiding the warranty.

Drag chain "slack" should be checked periodically If the distance between the center line of the rear sprocket and the point at which the chain makes contact with the lower flange of the frame rails is less than 8 inches; take up the "slack" by loosening the three screws in the front bearing plates and by turning the sq. hd. set screw against the bearing plate flange, slide the idler shaft forward.

The Toro Promise

A ONE YEAR LIMITED WARRANTY

The Toro Company promises to repair your TORO Product if defective in materials or workmanship. The following time periods from the date of purchase apply:

Commercial Products . . . . . 1 Year

The costs of parts and labor are included, but the customer pays the transportation costs on walk rotary mowers with cutting unit widths of less than 25".

If you feel your TORO product is defective and wish to rely on The Toro Promise, the following procedure is recommended:

1. Contact your Authorized TORO Distributor or Commercial Dealer (the Yellow Pages of your telephone directory is a good reference source).
2. The TORO Distributor or Commercial Dealer will advise you on the arrangements that can be made to inspect and repair your product.
3. The TORO Distributor or Commercial Dealer will inspect the product and advise you whether the product is defective and, if so, make all repairs necessary to correct the defect without an extra charge to you.

If for any reason you are dissatisfied with the distributor's analysis of the defect or the service performed, you may contact us.

Write:

TORO Commercial Products Service Department
8111 Lyndale Avenue South
Minneapolis, Minnesota 55420

The above remedy of product defects through repair by an Authorized TORO Distributor or Commercial Dealer is the purchaser's sole remedy for any defect.

THERE IS NO OTHER EXPRESS WARRANTY. ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE ARE LIMITED TO THE DURATION OF THE EXPRESS WARRANTY.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

This Warranty applies only to parts or components which are defective and does not cover repairs necessary due to normal wear, misuse, accidents, or lack of proper maintenance. Regular, routine maintenance of the unit to keep it in proper condition is the responsibility of the owner.

All warranty repairs reimbursable under the Toro Promise must be performed by an Authorized TORO Commercial Dealer or Distributor using Toro approved replacement parts.

Repairs or attempted repairs by anyone other than an Authorized TORO Distributor or Commercial Dealer are not reimbursable under the Toro Promise. In addition, these unauthorized repair attempts may result in additional malfunctions, the correction of which is not covered by warranty.

THE TORO COMPANY IS NOT LIABLE FOR INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH THE USE OF THE PRODUCT INCLUDING ANY COST OR EXPENSE OF PROVIDING SUBSTITUTE EQUIPMENT OR SERVICE DURING PERIODS OF MALFUNCTION OR NON-USE.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

Customers who have purchased TORO products exported from the United States or Canada should contact their TORO Distributor (Dealer) to obtain guarantee policies for your country, province or state. If for any reason you are dissatisfied with your Distributor's service or have difficulty obtaining guarantee information, contact the TORO importer. If all other remedies fail, you may contact us at The Toro Company.

Compliance with Radio Interference Regulations Certified.
Certifie Conforme au Reglement sur le Brouillage Radioelectrique.

Litho in U.S.A.