

## Starting Engine

1. Turn fuel cock to the "open" position.
2. Turn choke on (closed).
3. Turn ignition switch to "on".
4. Move throttle lever to high RPM setting. Do not exceed 3600 rpm.
5. Pull recoil starter rope until engine starts.
6. After engine is warm, turn off choke (open).
7. Allow engine to run one minute before using.
8. Check engine rpm setting before operating. DO NOT exceed 3600 rpm.

## Stopping Engine

1. Turn throttle to "slow" position.
2. Turn off ignition switch.

## OPERATING THE TURF RAKE/SEEDER

### Preparation

1. Police lawn area for obstacles and debris (i.e. sprinklers, hoses, toys, etc.). Remove all items.
2. Make sure underground sprinkler heads and other hidden obstacles are marked to prevent damage.
3. Mark other areas where unit can be a problem or too risky (i.e. mud, tree roots, steep hills).

### Operating

1. Put speed lever in neutral position.
2. Start the engine. CAUTION: To avoid injury, do not place your feet or other body parts under the blade while starting the engine.
3. Engage top bail.
4. Select forward or reverse with the speed lever.
5. Drive Turf Rake/ Seeder to the area to be raked or seeded.
6. Move height adjustment lever to the appropriate setting for the shaft assembly being used. (see "optional shaft assemblies" section).
7. Lift bottom bail to engage the main shaft.
8. Release bail to stop.
10. When finished, reverse steps 6 through 3, leaving the wheel drive handle on for transportation.

## GENERAL MAINTENANCE

To keep the rake / seeder in good operating condition, perform the following:



### SAFETY WARNING

**BLADE SHARPENING** – Wear the appropriate personal protective equipment when sharpening blades. Use correct tools for sharpening or when servicing machine.

- Keep blades sharp; a sharp blades cut cleaner, faster and more uniformly and place less load on the machine. Sharpen cutting edge on bevel or top side only.
- Keep drive belt at proper tension and free of oil and dirt at all times.
- Check engine oil level and air filter element daily.
- Check for loose bolts and connections.
- All grease fittings are pressurized type. Use a good grade Lithium Base Grease or equivalent. Grease eccentric arms sparingly every 4 hours of service, all others daily. Wipe off all grease fittings before and after each greasing (there are a total of 8 grease fittings).
- Engine (refer to engine manufacturer's manual).  
Changing Blade Assemblies

Within minutes your machine can be converted to a turf rake, turf seeder or turf slicer by purchasing the optional blade assemblies available complete with the side plates, bearings and drive pulley.