

TORO®

2x5 Mini Tine Head
1x6 Mini Tine Head
3/4 inch Three-Tine Head
3/4 inch Four-Tine Head
7/8 inch Three-Tine Head
Needle Tine Head
ProCore® Aerator

Model No. 09736

Model No. 09737

Model No. 09739

Model No. 09794

Model No. 09796

Model No. 09797

Installation Instructions

Installation

Preparing the Coring Head

1. Move the machine onto a level surface and engage the parking brake.
2. Disengage the PTO, shut off the engine, and remove the key from the ignition switch.
3. Put the aerator into the service position; refer to the *Operator's Manual*.

⚠ WARNING

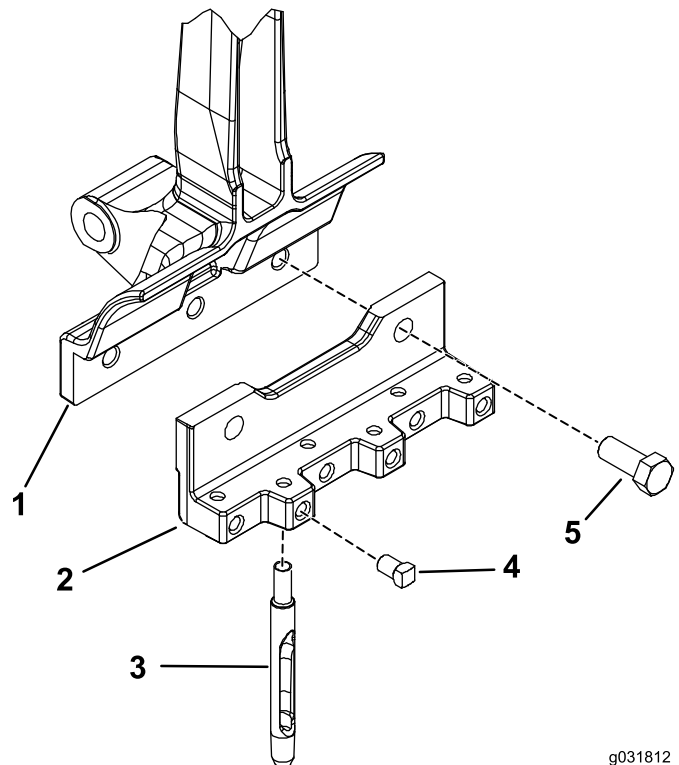
If you leave the key in the ignition switch, someone could accidentally start the engine and seriously injure you or bystanders.

Remove the key from the ignition switch before you do any maintenance.

Important: The aerator must be equipped with the proper turf guards before using the tine head. Refer to the *Operator's Manual* for the turf guard requirements.

Installing the 2x5 or 1x6 Mini Tine Head

1. Insert the tine into the tine holder and secure it with the set screw.



g031812

Figure 1

- | | |
|----------------|-------------------------------|
| 1. Tine holder | 4. Set screw (3/8 x 5/8 inch) |
| 2. Tine arm | 5. Bolt (1/2 x 1-1/4 inches) |
| 3. Tine | |

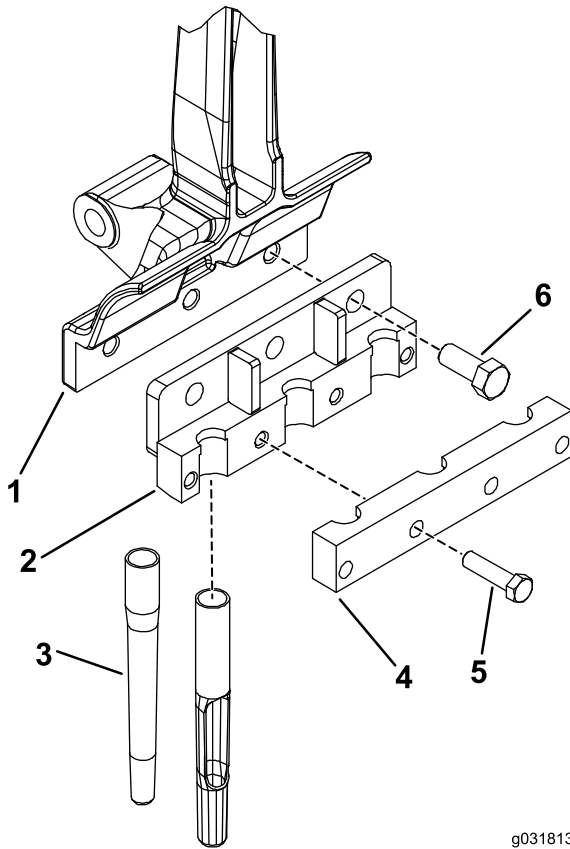
2. Torque the set screws to 37 to 45 N·m (27 to 33 ft-lb).
3. Use the 2 bolts (1/2 x 1-1/4 inches) to secure the tine holder to the tine arm (Figure 1).
4. Torque the bolts to 91 to 113 N·m (67 to 83 ft-lb).



Installing the 3/4 inch or 7/8 inch Tine Heads

1. Use the bolts (3/8 x 1-1/2 inch) to loosely secure the tine clamp to the tine holder (Figure 2).

Note: The 3 tine holder uses 4 bolts, and the 4 tine holder uses 3 bolts to secure it to the tine arm.



g031813

Figure 2

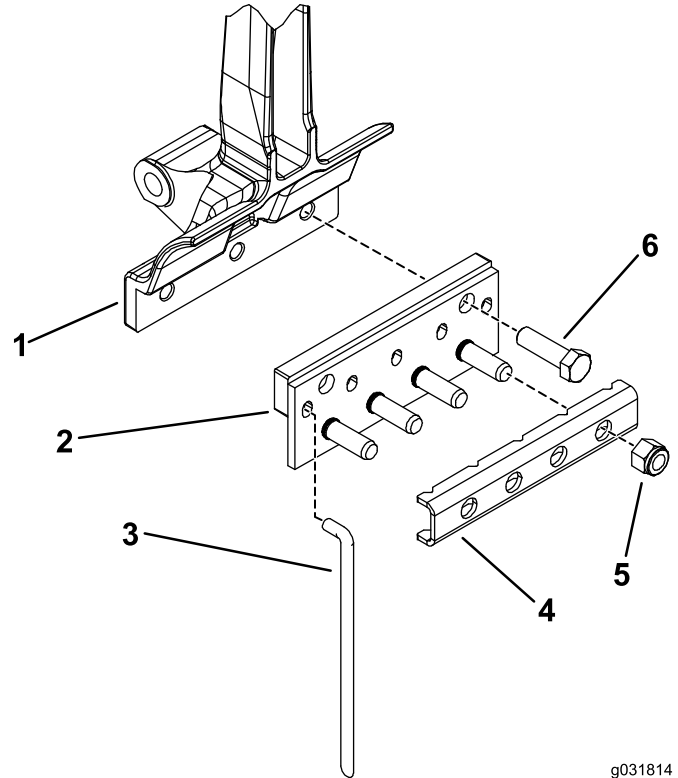
- | | |
|--------------------------------|------------------------------|
| 1. Tine arm | 4. Tine clamp |
| 2. Tine holder | 5. Bolt (3/8 x 1-1/2 inches) |
| 3. Tine (3/4 inch or 7/8 inch) | 6. Bolt (1/2 x 1-1/4 inches) |

2. Insert the tine into the tine holder (Figure 2).
3. Torque the bolts to 37 to 45 N·m (27 to 33 ft-lb).
4. Use the 3 bolts (1/2 x 1-1/4 inches) to secure the tine holder to the tine arm (Figure 2).
5. Torque the bolts to 91 to 113 N·m (67 to 83 ft-lb).

Installing the Needle Tine Heads

Note: You should replace the tine clamp when you install the 5 mm tines, after using the 8 mm tines.

1. Insert needle tines into the holes in the tine holder (Figure 3).
2. Slide the tine clamp onto the mounting studs (Figure 3).



g031814

Figure 3

- | | |
|----------------|------------------------------|
| 1. Tine arm | 4. Tine clamp |
| 2. Tine holder | 5. Hex nut (1/2 inch) |
| 3. Needle tine | 6. Bolt (1/2 x 1-3/4 inches) |

3. Use the 4 locknuts to secure the clamp to the tine holder (Figure 3).
4. Torque the nuts to 91 to 113 N·m (67 to 83 ft-lb).
5. Use the 2 bolts (1/2 x 1-3/4 inches) to secure the tine holders to the tine arms (Figure 3).
6. Torque the bolts to 91 to 113 N·m (67 to 83 ft-lb).

Note: You may achieve better hole quality when you reduce the engine speed by 10 to 15%. For the tractor mounted ProCore, operate the PTO from 460 to 486 rpm. For the ProCore 648, operate the PTO from 2800 to 2900 rpm.