The Roller Tamer

**PRODUCT INFORMATION:**

**The Roller Tamer** allows anyone, regardless of skill level, to

quickly, easily, and properly rebuild cutting unit rollers without causing damage to the roller and without the headaches and frustration normally associated with this task. This “patent pending” devise will assist with most types of rollers presently and formerly manufactured for the turf industry including water-pump bearing style rollers, tapered roller bearing type, gang mower, basket rollers and others. See “How to Order” starting on page 2.

*“Every bench should have one.”*

Check out videos at: [www.turfprideusa.com](http://www.turfprideusa.com) & [www.therollertamer.com](http://www.therollertamer.com)



**

The Roller Tamer

**HOW TO ORDER:**

Must begin with the purchase of the **Base Unit** part number RT-500

Select from the **Primary Kit** list, based on the manufacturer of the majority of the rollers to be serviced in a fleet or facility.

Once the selection of a **Primary Kit** is made, **Add Ons** to service other makes and models can be made, if needed.

**First, Select** **Base Unit Part # RT-500**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **RT-500** |  | **Base Unit** | |  |  |
| **Ref #** | **Qty** | **Part No** | **Description** |  |  |
|  | 1 | RT-100 | Frame Weldment |  |  |
|  | 2 | RT-101 | End Bracket Assy |  |  |
|  | 2 | RT-102 | Tapered Insert 2" |  |  |
|  | 1 | RT-103 | Tapered Insert 1-5/8" |  |  |
|  | 1 | RT-106 | Socket Driver Bracket Assy |  |  |
|  | 1 | RT-107 | Bridge Puller Assy |  |  |
|  | 1 | RT-109 | Standoff Assy Long |  |  |
|  | 1 | RT-130 | Jacking Nut Modified |  |  |
|  | 4 | RT-137 | Bolt & Nut Assy |  |  |
|  | 4 | RT-144 | Retainer Assy |  |  |
|  | 1 | RT-150 | Jacking Screw |  |  |
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The Roller Tamer

**Next, Select One** **Primary Kit:**

**JACOBSEN PRIMARY KIT**

**Also Services John Deere, a John Deere Primary Kit is available.**

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| **RT-501** |  | **Jacobsen Primary Kit** | |  |  |
| **Index** | **Qty** | **Part No** | **Description** |  |  |
|  | 1 | RT-025 | Cup Driver |  |  |
|  | 1 | RT-027 | Seal Puller Assy |  |  |
|  | 1 | RT-028 | Insert Tapered 2-3/16" |  |  |
|  | 1 | RT-030 | Collet 1" to 1-1/4" |  |  |
|  | 1 | RT-105 | Insert Round 3" |  |  |
|  | 1 | RT-108 | WP Bearing Puller/Driver Assy |  |  |
|  | 1 | RT-113 | Handle |  |  |
|  | 1 | RT-114 | Bearing Cup/Seal Driver |  |  |
|  | 1 | RT-129 | Seal Install Tool |  |  |
|  | 1 | RT-151 | Forcing Screw |  |  |
|  | 1 | RT-152 | Collet 1-1/4 to 1-1/2 |  |  |
|  | 1 | RT-153 | Collet 1 to 1-1/4 Modified |  |  |
|  | 1 | RT-154 | Collet 1-1/2 to 1-3/4 |  |  |
|  | 1 | RT-155 | Adapter 5/8-18 F x 3/8-24 M |  |  |
|  |  |  |  |  |  |

**Tool Box Available – see page 12**

The Roller Tamer

**Jacobsen Kit Add-Ons**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **RT-501-A** |  | **Toro Add On** | |  |  |
| **Ref #** | **Qty** | **Part No** | **Description** |  |  |
|  | **2** | **RT-112** | **Toro Bearing/Seal Install Tool** |  |  |
|  | **1** | **RT-145** | **Puller 5/8"** |  |  |
|  | **1** | **RT-170** | **Seal Puller** |  |  |
|  | **1** | **RT-180** | **Bearing Press Tool Assy** |  |  |
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| **RT-501-C** |  | **Tru-Turf Roller Add On** | |  |  |
| **Ref #** | **Qty** | **Part No** | **Description** |  |  |
|  | **2** | **RT-116** | **Insert Tapered** |  |  |
|  | **2** | **RT-130** | **Jacking Nut Modified** |  |  |
|  | **2** | **RT-165** | **Adapter 3/4-16 Male to 3/8-24 Male** |  |  |
|  | **2** | **RT-166** | **Press Pad for 6205 Bearing** |  |  |
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The Roller Tamer

**TORO PRIMARY KIT\***

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| **RT-502** |  | **Toro Primary Kit** | |  |  |
| **Ref #** | **Qty** | **Part No** | **Description** |  |  |
|  | **1** | **RT-030** | **Collet 1" to 1-1/4"** |  |  |
|  | **1** | **RT-105** | **Insert Round 3"** |  |  |
|  | **1** | **RT-108** | **WP Bearing Puller/Driver Assy** |  |  |
|  | **2** | **RT-112** | **Toro Bearing/Seal Install Tool** |  |  |
|  | **1** | **RT-113** | **Handle** |  |  |
|  | **1** | **RT-114** | **Bearing Cup/Seal Driver** |  |  |
|  | **1** | **RT-145** | **Puller 5/8"** |  |  |
|  | **1** | **RT-151** | **Forcing Screw** |  |  |
|  | **1** | **RT-152** | **Collet 1-1/4 to 1-1/2** |  |  |
|  | **1** | **RT-153** | **Collet 1 to 1-1/4 Modified** |  |  |
|  | **1** | **RT-154** | **Collet 1-1/2 to 1-3/4** |  |  |
|  | **1** | **RT-155** | **Adapter 5/8-18 Female to 3/8-24 Male** |  |  |
|  | **1** | **RT-170** | **Seal Puller** |  |  |
|  | **1** | **RT-180** | **Bearing Press Tool Assy** |  |  |
|  |  |  |  |  |  |

**\*Includes Toro Sidewinder**

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| **RT-505** |  | **Toro Sidewinder Primary Kit** | |  |  |
| **Index** | **Qty** | **Part No** | **Description** |  |  |
|  | 1 | RT-145 | Puller 5/8" |  |  |
|  | 1 | RT-151 | Forcing Screw |  |  |
|  | 1 | RT-152 | Collet 1-1/4 to 1-1/2 |  |  |
|  | 1 | RT-180 | Bearing Press Tool Assembly |  |  |
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**Models 3500-4500-4700**

The Roller Tamer

**Toro Kit Add-Ons**

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| **RT-502-A** |  | **Jacobsen Add On** | |  |  |
| **Index** | **Qty** | **Part No** | **Description** |  |  |
|  | **1** | **RT-025** | **Cup Driver** |  |  |
|  | **1** | **RT-027** | **Seal Puller Assy** |  |  |
|  | **1** | **RT-028** | **Insert Tapered 2-3/16"** |  |  |
|  | **1** | **RT-129** | **Seal Install Tool** |  |  |
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| **RT-502-B** |  | **John Deere Add On** | |  |  |
| **Index** | **Qty** | **Part No** | **Description** |  |  |
|  | **1** | **RT-025** | **Cup Driver** |  |  |
|  |  |  |  |  |  |

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| **RT-502-C** |  | **Tru-Turf Roller Add On** | |  |  |
| **Index** | **Qty** | **Part No** | **Description** |  |  |
|  | **1** | **RT-030** | **Collet 1" to 1-1/4"** |  |  |
|  | **2** | **RT-116** | **Insert Tapered** |  |  |
|  | **2** | **RT-130** | **Jacking Nut Modified** |  |  |
|  | **2** | **RT-165** | **Adapter 3/4-16 Male to 3/8-24 Male** |  |  |
|  | **2** | **RT-166** | **Press Pad for 6205 Bearing** |  |  |
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The Roller Tamer

**JOHN DEERE PRIMARY KIT**

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| **RT-503** |  | **John Deere Primary Kit** | |  |  |
| **Ref #** | **Qty** | **Part No** | **Description** |  |  |
|  | **1** | **RT-025** | **Cup Driver** |  |  |
|  | **1** | **RT-030** | **Collet 1" to 1-1/4"** |  |  |
|  | **1** | **RT-105** | **Insert Round 3"** |  |  |
|  | **1** | **RT-108** | **WP Bearing Puller/Driver Assy** |  |  |
|  | **1** | **RT-113** | **Handle** |  |  |
|  | **1** | **RT-114** | **Bearing Cup/Seal Driver** |  |  |
|  | **1** | **RT-151** | **Forcing Screw** |  |  |
|  | **1** | **RT-152** | **Collet 1-1/4 to 1-1/2** |  |  |
|  | **1** | **RT-153** | **Collet 1 to 1-1/4 Modified** |  |  |
|  | **1** | **RT-154** | **Collet 1-1/2 to 1-3/4** |  |  |
|  | **1** | **RT-155** | **Adapter 5/8-18 Female to 3/8-24 Male** |  |  |
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The Roller Tamer

**John Deere Kit Add-Ons**

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| **RT-503-A** |  | **Jacobsen Add On** | |  |  |
| **Ref #** | **Qty** | **Part No** | **Description** |  |  |
|  | **1** | **RT-027** | **Seal Puller Assy** |  |  |
|  | **1** | **RT-028** | **Insert Tapered 2-3/16"** |  |  |
|  | **1** | **RT-129** | **Seal Install Tool** |  |  |
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| **RT-503-B** |  | **Toro Add On** | |  |  |
| **Ref #** | **Qty** | **Part No** | **Description** |  |  |
|  | **2** | **RT-112** | **Toro Bearing/Seal Install Tool** |  |  |
|  | **1** | **RT-145** | **Puller 5/8"** |  |  |
|  | **1** | **RT-170** | **Seal Puller** |  |  |
|  | **1** | **RT-180** | **Bearing Press Tool Assy** |  |  |
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| **RT-503-C** |  | **Tru-Turf Roller Add On** | |  |  |
| **Ref #** | **Qty** | **Part No** | **Description** |  |  |
|  | **2** | **RT-116** | **Insert Tapered** |  |  |
|  | **2** | **RT-130** | **Jacking Nut Modified** |  |  |
|  | **2** | **RT-165** | **Adapter 3/4-16 Male to 3/8-24 Male** |  |  |
|  | **2** | **RT-166** | **Press Pad for 6205 Bearing** |  |  |
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The Roller Tamer

**TRU-TURF PRIMARY KIT**

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| **RT-504** |  | **Tru-Turf Roller Primary Kit** | |  |  |
| **Ref #** | **Qty** | **Part No** | **Description** |  |  |
|  | **1** | **RT-030** | **Collet 1" to 1-1/4"** |  |  |
|  | **2** | **RT-116** | **Insert Tapered** |  |  |
|  | **2** | **RT-130** | **Jacking Nut Modified** |  |  |
|  | **1** | **RT-154** | **Collet 1-1/2 to 1-3/4** |  |  |
|  | **1** | **RT-155** | **Adapter 5/8-18 Female to 3/8-24 Male** |  |  |
|  | **2** | **RT-165** | **Adapter 3/4-16 Male to 3/8-24 Male** |  |  |
|  | **2** | **RT-166** | **Press Pad for 6205 Bearing** |  |  |
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The Roller Tamer

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| **RT-1000** |  | **TOTAL PACKAGE** | |  |  |
| **Ref #** | **Qty** | **Part No** | **Description** |  |  |
|  | **1** | **RT-001** | **Tool Box Weldment** |  |  |
|  | **1** | **RT-025** | **Cup Driver - 503378 Jacobsen** |  |  |
|  | **1** | **RT-027** | **Jacobsen Seal Puller** |  |  |
|  | **2** | **RT-028** | **Tapered Insert 2-3/16"** |  |  |
|  | **1** | **RT-030** | **Collet 1" to 1-1/4"** |  |  |
|  | **1** | **RT-031** | **Adapter 3/4-16 Female to 5/8-18 Female** |  |  |
|  | **1** | **RT-100** | **Frame Weldment** |  |  |
|  | **2** | **RT-101** | **End Bracket Assy** |  |  |
|  | **2** | **RT-102** | **Tapered Insert 2"** |  |  |
|  | **1** | **RT-103** | **Tapered Insert 1-5/8"** |  |  |
|  | **1** | **RT-104** | **Insert 2-1/2"** |  |  |
|  | **1** | **RT-105** | **Insert 3"** |  |  |
|  | **1** | **RT-106** | **Socket Driver Bracket Assy** |  |  |
|  | **1** | **RT-107** | **Bridge Puller Bracket Assy** |  |  |
|  | **1** | **RT-108** | **WP Bearing Puller/Driver Assy** |  |  |
|  | **1** | **RT-109** | **Standoff Assy Long** |  |  |
|  | **2** | **RT-112** | **Toro Bearing/Seal Install Tool** |  |  |
|  | **1** | **RT-113** | **Handle** |  |  |
|  | **1** | **RT-114** | **Bearing Cup/Seal Driver Jacobsen** |  |  |
|  | **2** | **RT-116** | **Tapered Insert 2-1/16"** |  |  |
|  | **1** | **RT-129** | **Seal Install Tool-Jac 3010210** |  |  |
|  | **2** | **RT-130** | **Jacking Nut 3/4-16 Fine** |  |  |
|  | **4** | **RT-137** | **Carriage Bolt & Nut Assy** |  |  |
|  | **1** | **RT-141** | **Socket Impact Deep Well 1-1/16"** |  |  |
|  | **1** | **RT-142** | **Socket Impact Deep Well 1"** |  |  |
|  | **1** | **RT-143** | **Socket Impact Deep Well 1-1/8"** |  |  |
|  | **4** | **RT-144** | **Retainer Assy** |  |  |
|  | **1** | **RT-145** | **Puller 5/8"** |  |  |
|  | **1** | **RT-150** | **Jacking Screw** |  |  |
|  | **1** | **RT-151** | **Forcing Screw** |  |  |
|  | **1** | **RT-152** | **Collet 1-1/4 to 1-1/2** |  |  |
|  | **1** | **RT-153** | **Collet 1 to 1-1/4 Modified** |  |  |

The Roller Tamer

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| **RT-1000** |  | **TOTAL PACKAGE (cont)** | |  |  |
| **Ref #** | **Qty** | **Part No** | **Description** |  |  |
|  | **1** | **RT-154** | **Collet 1-1/2 to 1-3/4** |  |  |
|  | **1** | **RT-155** | **Adapter 5/8-18 Female to 3/8-24 Male** |  |  |
|  | **2** | **RT-165** | **Adapter 3/4-16 Male to 3/8-24 Male** |  |  |
|  | **2** | **RT-166** | **Bearing Press Pad 6205** |  |  |
|  | **2** | **RT-167** | **Bearing Press Pad 3004** |  |  |
|  | **1** | **RT-170** | **Seal Puller** |  |  |
|  | **1** | **RT-172** | **Ratchet Wrench** |  |  |
|  | **1** | **RT-180** | **Bearing Press Tool Assy** |  |  |
|  | **1** | **RT-181** | **Press Attachment Assy** |  |  |
|  |  |  | **List Price** |  |  |



TOTAL PACKAGE

The Roller Tamer

**RT-181 *Press Attachment:*** *a*llows you to press most shafts out during disAssy, press water-pump bearings in, and press seals in.

**RT-153 *Collet:***extracts the outer race (sleeve) of water-pump bearings that have deteriorated to the point where only the stub was removed, leaving the sleeve behind.

**RT-030 *Collet:***extracts the 503378 tapered bearing cups from Jacobsen rollers with the small tapered roller bearings.

**RT-154 *Collet*:** extracts the outer bearing race of bearings found in the short rollers on Toro 4500/4700/3500/4300 decks. The RT-152 *Collet* which is included with the model A will also remove all but the most severely worn of these races.

**RT-155 *Adapter:***threads into any shaft or water-pump bearing having a 3/8-24 (fine thread) female threaded end. This adapter is most commonly used to pull the shaft/bearing from Tru-Turf rollers.

**RT-108 *WP Puller/Driver:***extracts water-pump bearings that either have a hole thru the side of the stub or no hole. This is also the installation tool which can be used to drive the bearing in conjunction with the RT-113 *Handle* pressed in using the RT-181 *Press Attachment*. To extract a water-pump bearing having a 3/8-24 threaded end use RT-155 *Adapter.*

**RT-112 *Toro Brg/Seal Installer:*** Use this pair to install bearings and seals in Toro “3rd Gen” rollers which are identified by the 1” stainless steel nut on each end. These “3rd Gen” rollers are found on most Toro mowers since 2008.

**RT-113 *Handle:***Use this handle in conjunction with the various bearing and seal installation tools when using the tap or smack method, striking the handle with a hammer. You can also thread this handle into one end of the RT-181 *Press Attachment* to press a shaft out during disAssy. This handle can be used with the many bearing and seal installation tools that will be available not only for rollers but also for reel bearing housing and other golf equipment.

The Roller Tamer

**RT-114 *Cup/Seal Driver*:** Use this to install tapered bearing cups LM11910. You can either use it in conjunction with the RT-113 *Handle* using the tap/smack method or thread it onto the end of an old shaft along with the RT-031 *Adapter* and press (pull) the bearing in. Flip the RT-114 around and use the reverse side to install many seals.

**RT-145 *5/8” Puller:***Use this puller to extract any intact bearing with a 5/8” inside diameter such as those found on the short front rollers of Toro 4500/4700/3500/4300 decks. Also removes the intact 7150 bearings from Toro basket rollers. Clear away any rust/crud inside of the sleeve behind the bearing to allow the puller to expand fully as the pin is being pushed in. If puller does not expand fully check for and remove any burr on the lip of the puller that catches the back side of the bearing.

**RT-180 *Brg Press Pad/Shank*:** Use this to install bearings in the short front rollers of Toro 4500/4700/3500/4300 decks.

RT-165 *Adapter 3/4M-3/8M* Screw these into the ends of a Tru-Turf roller during reAssy. Use them in conjunction with either 2 ea RT-166 pads or 2 ea RT-167 pads to install the new bearings. You will also need 2 ea RT-130 nuts, one of which is included with the Basic Model.

**RT-166 *6205 Brg Press Pad:***see RT-165

**RT-167 *6004 Brg Press Pad*:** see RT-165

**RT-170 *Seal Puller:*** *Toro 1st Gen* Use this puller to remove the flush mounted seal in older Toro rollers requiring sheet metal screws.

**RT-027 *Puller:*** *Jacobsen Seal* Remove Jacobsen 3010210 seal with this puller. You must also have the correct tapered insert to be used in conjunction with this puller. For 2-3/16” diameter rollers use the RT-028 tapered insert.

**RT-129 *Seal Install Tool*:** For installing Jacobsen 3010210 seals in conjunction with the RT-181 Press Attachment.

The Roller Tamer

**RT-028 *Tapered Insert****: 2-3/16”* Use this insert for 2-3/16” diameter Jacobsen rollers in conjunction with RT-027 seal puller.

**RT-025 *Cup****: 503378 Driver* Use this to install 503378 bearing cups. You can either use it in conjunction with the RT-113 Handle using the tap/smack method or thread it onto the end of an old shaft and press (pull) the cup in. See RT-031

**RT-031 *Adapter****: 3/4F-5/8M* Screw this onto the end of an old shaft joining it to the main jacking screw when pressing (pulling) bearing cups in. Use in conjunction with RT-025 or RT-114 cup drivers.