USER'S and BUYER'S GUIDE

All models consist of the same basic components and frame. After purchasing the model and accessories that best suits your needs you can expand its capabilities as your equipment (fleet) changes by purchasing additional accessories. See the Master Parts List for a listing of components included with each model.

Model A will capture and cradle most rollers found in your fleet and includes two pullers. The RT108 *WP Puller/Driver* will pull and install water-pump bearings. The RT152 *Collet* will pull the tapered bearing cups and outer bearing races of most rollers. When ordering a Model A specify the following:

1) If you do not have water-pump bearing rollers request that RT103 and RT108 be omitted.
2) If you have the older Tru-Turf rollers with the large 6205 bearings, request that a pair of RT116s be included instead of RT102s.

Model S includes only the components necessary for servicing the short rollers found on the front of Toro 4500/4700/3500/4300 decks. It includes the pullers for extracting both an intact bearing and the outer race of a non-intact bearing. It also includes the RT180 *Brg Press Pad/Shank* for pressing new bearings in.

Model T includes only the components necessary for servicing Tru-Turf rollers. When ordering a Model T specify the following:

1) If you have only the older Tru-Turf rollers with the large 6205 bearings, request that the RT167s be omitted.
2) If you have only the newer Tru-Turf rollers with the small 6004 bearings, request that the RT166s be omitted.

RT181 *Press Attachment* allows you to press most shafts out during disassembly, press water-pump bearings in, and press seals in.

RT153 *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.

RT30 *Collet* extracts the 503378 tapered bearing cups from Jacobsen rollers with the small tapered roller bearings.

RT154 *Collet* extracts the outer bearing race of bearings found in the short rollers on Toro 4500/4700/3500/4300 decks. The RT152 *Collet* which is included with the model A will also remove all but the most severely worn of these races.

RT155 *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.

RT108 *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 RT113 *Handle* or pressed in using the RT181 *Press Attachment*. To extract a water-pump bearing having a 3/8-24 threaded end use RT155 *Adapter.*

RT112 *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.

RT113 *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 RT181 *Press Attachment* to press a shaft out during disassembly. 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.

RT114 *Cup/Seal Driver* Use this to install tapered bearing cups LM11910. You can either use it in conjunction with the RT113 *Handle* using the tap/smack method or thread it onto the end of an old shaft along with the RT31 *Adapter* and press (pull) the bearing in. Flip the RT114 around and use the reverse side to install many seals.

RT145 *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.

RT180 *Brg Press Pad/Shank* Use this to install bearings in the short front rollers of Toro 4500/4700/3500/4300 decks.

RT165 *Adapter 3/4M-3/8M* Screw these into the ends of a Tru-Turf roller during reassembly. Use them in conjunction with either 2 RT166 pads or 2 RT167 pads to install the new bearings. You will also need 2 RT130 nuts, one of which is included with the Model A.

RT166 *6205 Brg Press Pad* see RT165

RT167 *6004 Brg Press Pad* see RT165

RT170 *Seal Puller Toro 1st Gen* Use this puller to remove the flush mounted seal in older Toro rollers requiring sheet metal screws.

RT27 *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 RT28 tapered insert.

RT129 *Seal Install Tool* For installing Jacobsen 3010210 seals in conjunction with the RT181 Press Attachment.

RT28 *Tapered Insert 2 3/16"* Use this insert for 2 3/16" diameter Jacobsen rollers in conjunction with RT27 seal puller.

RT25 *Cup 503378 Driver* Use this to install 503378 bearing cups. You can either use it in conjunction with the RT113 Handle using the tap/smack method or thread it onto the end of an old shaft and press (pull) the cup in. See RT31

RT31 *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 RT25 or RT114 cup drivers.