



# **Golf Irrigation Parts & Service**



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**Toro**<sup>®</sup> **Irrigation Parts & Service warranties irrigation boards when you need it most.** Highly skilled professional technicians process your parts and guarantee customer satisfaction, reliability, and dependability.

#### After a part is received, it is professionally:



**Tested:** All testing performed by highly skilled professional technicians using the most advanced equipment and test procedures.



**Inspected:** Products are disassembled and inspected with great care for electronic or mechanical failures.



**Cleaned:** Before your product is repaired it is extensively cleaned to enable maximum functionality.



**Repaired:** After our skilled technicians have cleaned the product and determined the cause of the failure, they will use 100% Genuine Toro Irrigation parts and components to upgrade, repair, or replace.



**Protected:** Products are protected with a Toro Limited Warranty and shipped from our state-of-the-art facility in Riverside, Ca, so that we can guarantee functionality upon installation.



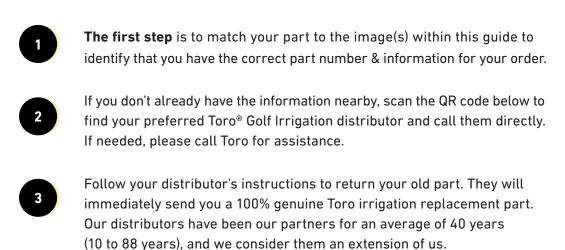
**Completed:** All products undergo stringent functionality testing and a visual inspection to ensure the highest quality possible before shipping.





## **Ordering Parts Is Easy**

#### Three Steps to Order



To order replacement parts, please supply your distributor with your part number, the quantity, and the description of each part desired. This guide of parts and descriptions was designed to allow you to quickly identify your part and get you exactly what you need.

**It's as easy as 1, 2, 3.** To keep it that way, we maintain a large inventory of genuine replacement parts so that we can keep you going when it counts.

No matter where you live or work, our network of **Toro dealers & distributors is here to help you.** 

CLICK HERE TO LOCATE YOUR DISTRIBUTOR

www.toro.com/locator

(877) 345-TORO (8676)



## Toro<sup>®</sup> has exceeded our expectations

Toro's controller repair & board exchange program has been outstanding for us, from the 2-year warranty to the customer service that they provide. Allowing for quick turnarounds during times of need has been critical, and Toro has exceeded our expectations.

#### **Eric Perkins**

Manager Tournament Ops & Course Infastructure Muirfield Village Golf Club

#### A home run every time

The Toro board exchange program has been an invaluable asset in conjunction with the expertise and customer service of Storr Tractor's technicians. Irrigation systems can throw curveballs at inopportune times, but the reliability and speed we have come to experience hit a home run every time. The service is greatly appreciated and always professional.

#### Chris Van Winckle Superintendent Valley Brook Golf Course

## Always great & reliable

The board exchange service has always been great & reliable. All parts arrive in working order and ship in a timely manner

#### Chalin Malbari

Superintendent
Battleground Country Club

#### **Golf Irrigation Partners**



#### American Golf Partners (a-z)

1.) Century Equipment, Inc. (419) 865-7400 2.) E. H. Griffith, Inc. (412) 271-3365 3.) Grassland Equipment & Irrigation Corp. (518) 785-5841 4.) Ness Turf Equipment (808) 486-8300 5.) Hector Turf (954) 429-3200 6.) Jerry Pate Turf & Irrigation, Inc. (850) 479-4653 7.) Kenney Machinery Corp. (317) 872-4793 8.) L. L. Johnson Distributing Company (303) 320-1270

9.) Midland Implement Company, Inc. (406) 248-7771
10.) Midwest Turf & Irrigation, Inc. (402) 895-8900
11.) MTI Distributing, Inc. (763) 592-5600
12.) Professional Turf Products (817) 785-1900
13.) Reinders, Inc. (262) 786-3300
14.) Simpson Norton Corporation (623) 932-5116
15.) Smith Turf & Irrigation L.L.C. (704) 393-8873

**16.) Spartan Distributors, Inc.** (616) 887-7301

**17.) Storr Tractor Company** (908) 722-9830 18.) Turf Equipment & Irrigation (801) 566-3256
19.) Turf Equipment & Supply Company, Inc. (410) 799-5575
20.) Turf Products L.L.C. (860) 763-3581
21.) Turf Star Western (800) 585-8001
22.) Wesco Turf Inc. (941) 377-6777

#### Canadian Golf Partners (a-z)

 23.) Oakcreek Golf and Turf Inc. (403) 279-2907
 24.) Turf Care Products Canada (905) 836-0988

# Real People. Genuine Toro<sup>®</sup> Parts. Global Support. **24 hours, 365 days a year.**



#### **Toro National Support Network (NSN)**

- > Toro NSN\* was founded over 30 years ago, the first dedicated customer support network in the irrigation industry.
- > A global team of dedicated technical support specialists, including licensed irrigators with an average tenure of 10 years of Toro NSN experience.
- > We are here to provide you with confidence and peace of mind with complete central control operational assurance, mobile app features and functionality, and extended hardware warranty replacement.
- > We are here to support you and keep you irrigating 24 hours a day, 7-days a week, 365 days a year.

Start protecting your golf course today and experience the difference with Toro National Support Network.

Call toll-free 1 (888) 676-TORO (8676)

www.toro.com/nsn



#### What Services Does NSN Provide?

- > 1-800-ASK-TORO we are here to provide you with umatched central control support 24 hours a day, 7 days a week, 365 days a year.
- > Extended warranty, with next-business-day shipping hardware replacement of central control system, fulfilled by qualified Toro technicians.
- > Remote access to your central control system, allowing you to control your irrigation when you are outside of the office.
- > NSN Portal a web-based customer portal providing a knowledge-sharing database, on-line chat, & training.
- Training events web-based and in-person training seminars are included in select NSN renewal plans.

#### Sales & Renewals:

Call 1-888-676-TORO (8676) or email NSNSales@toro.com to enroll in a service plan to support your facility.



#### **E-Series<sup>™</sup> Osmac<sup>®</sup>**

**E-Osmac is easy to service, troubleshoot and maintain.** Economical because you buy only what you need and can expand as your site conditions change.



E-Series Osmac Narrow Band Decoder SKU: R102-0187 MSRP for Exchange: \$452.00



Network VP<sup>\*</sup> 8-Output Module PCB SKU: R102-2549 MSRP for Exchange: \$144.00



E-Series Osmac Pump & Common PCB SKU: R102-0320 MSRP for Exchange: \$137.00



E-Series Osmac 8-Output Module PCB SKU: R102-8242 MSRP for Exchange: \$144.00



E-So LEAD FREE SKU

E-Series Osmac Narrow Band RDR Decoder SKU: R102-2012 MSRP for Exchange: \$452.00





E-Series Osmac Output Distribution PCB SKU: R102-0318 MSRP for Exchange: \$130.00

E-Series Osmac Power Supply SKU: R102-0645 MSRP for Exchange: \$355.00



## **E-Series<sup>™</sup> Osmac<sup>®</sup>**



E-Series Osmac Power Transformer SKU: R102-0382 MSRP for Exchange: \$274.00

E-Series Osmac Surge Protection with SW & Gas Pills - Non ROHS

**SKU: R89-9804** MSRP for Exchange: **\$186.00** 





E-Series Osmac Surge Protection with SW & Gas Pills SKU: R102-8390 MSRP for Exchange: \$186.00

E-Series Osmac Earth Ground PCB SKU: R89-9896 MSRP for Exchange: **\$87.00** 





E-Series Osmac Earth Ground PCB SKU: R102-8393 MSRP for Exchange: \$87.00



E-Series Osmac 24 VAC BAR PCB SKU: R89-9894 MSRP for Exchange: \$87.00





E-Series Osmac 24 VAC BAR PCB SKU: R102-8392 MSRP for Exchange: \$87.00



## **Osmac**<sup>®</sup>



Osmac Decoder Board SKU: RNLN3485 MSRP for Exchange: \$497.00



Osmac Triac Board SKU: RNLN3491A MSRP for Exchange: \$163.00



#### Osmac<sup>®</sup> G3



Osmac G3 Timing Mechanism SKU: R118-2986 MSRP for Exchange: \$1,432.00



**Osmac Output Distribution PCB SKU: R102-0318** *MSRP for Exchange: \$130.00* 



Pump & Common PCB SKU: R102-0320 MSRP for Exchange: \$137.00



8-Output Module PCB SKU: R102-8242 (Same as R102-2549 & R102-0318) MSRP for Exchange: \$144.00



Osmac G3 Antenna, 450-470 MHZ, BNC, 6" Straight SKU: R363-7402 MSRP for Exchange: \$25.00





## **Toro<sup>®</sup> Irrigation Board Exchange Program**

- > Provides low, fixed-rate prices
- > 2-year warranty on all replacement parts
- Plus, the peace of mind knowing that all repairs are made by highly skilled professional technicians using some of the most advanced equipment and test procedures in golf irrigation today.

For more information call our toll-free customer support line: (877) 345-TORO (8676) or visit toro.com/irrigationparts



## **GDC 2-Wire**

**GDC System** uses innovative technology to provide an irrigation solution to value oriented customers who also want a safe, reliable and energy efficient system.

Using a **2-wire** path to communicate to buried control units, the system eliminates the costs associated with traditional valve wire bundles and provides a solution that is vandal resistant, easy to install and easy to expand.



GDC 2-Wire Decoder Mother Board Big Cap SKU: R102-7696 MSRP for Exchange: \$231.00

GDC 2-Wire Decoder Daughter Board SKU: R102-7693 MSRP for Exchange: \$245.00



GDC 2-Wire Decoder Mother Board SKU: R118-0582 MSRP for Exchange: \$380.00



GDC 2-Wire Decoder Daughter Board SKU: R118-0584 MSRP for Exchange: \$196.00



GDC 2-Wire Decoder Standalone TM Assembly SKU: R102-5918 MSRP for Exchange: \$451.00



#### **Network VP**<sup>®</sup>

**Network VP** combines modular flexibility, ease of use and increased control in a single controller.



Network VP Timing Mechanism - Version 4.0 with current firmware SKU: R102-3497-4.0

MSRP for Exchange: \$339.00



**Network VP Timing Mechanism - Version VPE SKU: R102-9738** *MSRP for Exchange: \$412.00* 



Network VP Timing Mechanism - Sensor Compatible SKU: R118-5487 MSRP for Exchange: \$664.00



Network VP Vertical Power Distribution Board SKU: R118-2737 MSRP for Exchange: \$241.00



Network VP Power Distribution Board - ROHS SKU: R102-8576 MSRP for Exchange: \$197.00



Networ

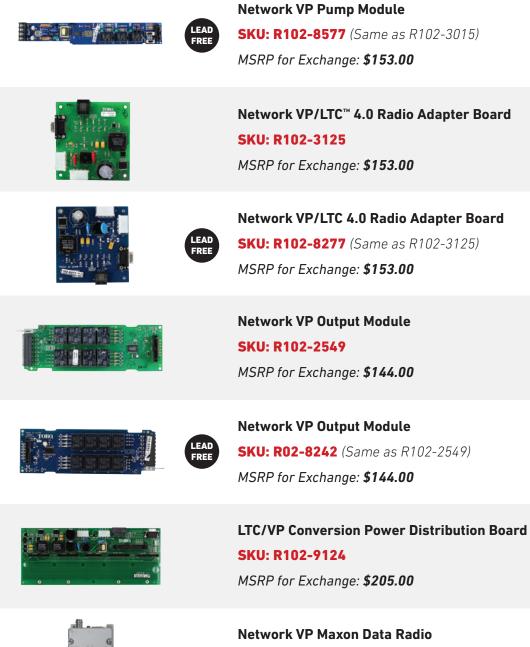
**Network VP Power Distribution Board SKU: R102-2782** *MSRP for Exchange: \$197.00* 

Network VP Pump Module SKU: R102-3015 MSRP for Exchange: \$153.00



## **Network VP**<sup>®</sup>

With individual station runtime programmed to the second and station-based flow management, **Network VP** provides the most water efficient capabilities for irrigating.



**SKU: R363-4638** MSRP for Exchange: **\$328.00** 



## Lynx<sup>®</sup> Smart Hub

**Lynx Smart Hub** provides flexibility and unique solutions to golf courses. It is the controller that adds the security, programmability, and sensing capabilities of a trusted Toro<sup>®</sup> satellite to the benefits and simplicity of the Lynx GDC 2-Wire Control System.

	<b>Lynx Smart Hub Timing Mechanism</b> <b>SKU: R118-4728</b> <i>MSRP for Exchange: \$691.00</i>
LEAD	<b>Lynx Smart Hub 2-Wire Decoder Mother Board, DC</b> <b>SKU: R118-0582</b> <i>MSRP for Exchange: \$380.00</i>
LEAD	<b>Lynx Smart Hub 2-Wire Decoder Daughter Board, DC</b> <b>SKU: R118-0584</b> <i>MSRP for Exchange: \$196.00</i>
LEAD FREE	<b>Lynx Smart Hub 2-Wire Decoder Mother Board, DC</b> <b>SKU: R118-7096</b> <i>MSRP for Exchange: \$456.00</i>
LEAD FREE	<b>Lynx Smart Hub 2-Wire Decoder Daughter Board, DC</b> <b>SKU: R118-7097</b> <i>MSRP for Exchange: \$234.00</i>
	Lynx Smart Hub Output Board, DC SKU: R118-7187



LEAD FREE

> Lynx Smart Hub Radio Module Assembly SKU: R118-6133 (Replaces R118-3442) MSRP for Exchange: \$1,914.00

MSRP for Exchange: **\$85.00** 



## Lynx<sup>®</sup> Smart Satellite

**Lynx Smart Satellite** is designed to improve performance and reliability and is fully compatible with Network VP<sup>®</sup> and Network 8000 systems as an addition or replacement.





Lynx Smart Satellite Pump Common Surge PCBA Assembly SKU: R118-1524 MSRP for Exchange: \$120.00



LEAD FREE PC SK

Lynx Smart Satellite Distribution Board PCB Assembly SKU: R118-3045 MSRP for Exchange: \$162.00



Lynx Smart Satellite Distribution Expansion Board PCB Assembly - Repair & Return Only SKU: R118-3128 MSRP for Exchange: \$53.00



Lynx Smart Satellite Radio Int PCB Assembly SKU: R118-3339 MSRP for Exchange: \$162.00



Lynx Smart Satellite Pump Common Terminal Board with Lvl 4 Surge - Repair & Return Only SKU: R118-6034 MSRP for Exchange: \$101.00



Lynx Smart Satellite Timing Mechanism SKU: R118-6363 MSRP for Exchange: \$608.00



## Lynx<sup>®</sup> Smart Satellite



Lynx Smart Satellite Relay Output Boards Assembly (includes plastic covers) SKU: R118-6370

MSRP for Exchange: **\$1,020.00** 



Lynx Smart Satellite Pump Common Relay Assembly Repair & Return Only SKU: R118-6369 (Replaces R118-3041) MSRP for Exchange: **\$920.00** 



Lynx Smart Satellite Terminal Board with Lvl 4 Surge SKU: R118-3047 MSRP for Exchange: \$120.00



Lynx Smart Satellite Power Supply Assembly SKU: R102-0645 MSRP for Exchange: \$355.00



Lynx Smart Satellite Modem Wire PCB Assembly SKU: R118-3705 MSRP for Exchange: \$191.00



Lynx Smart Satellite Radio Module Assembly SKU: R118-6133 MSRP for Exchange: \$1,914.00



Lynx Smart Satellite Pump Common Terminal Board with Lvl 3 Surge - Repair & Return Only SKU: R118-6035

MSRP for Exchange: \$78.00



## Network LTC<sup>™</sup> 1.1

Genuine **LTC Upgrade Kits** facilitate a step-by-step upgrade to the Lynx<sup>®</sup> Central Control System. Upgraded satellites remain compatible with other LTC Plus satellites and with the SitePro<sup>®</sup> Central Control System until you are ready to convert to Lynx Central Control.



Network LTC Timing Mechanism with Term 1.1 Firmware *Repair & Return Only* SKU: R91-0537 *MSRP for Exchange: \$429.00* 



Network LTC Timing Mechanism with Term 2.5 Firmware *Repair & Return Only* SKU: R91-0537-2.5 *MSRP for Exchange: \$429.00* 



Network LTC Timing Mechanism 1.1 Firmware without Terminal Block *Repair & Return Only* SKU: R91-1593 *MSRP for Exchange: \$485.00* 



Network LTC Timing Mechanism 2.5 Firmware without Terminal Block *Repair & Return Only* SKU: R91-1593-2.5 *MSRP for Exchange: \$485.00* 



Network LTC 1.1 Surge Board SKU: R91-1303 MSRP for Exchange: \$257.00



## Network LTC<sup>™</sup> 1.1



Network LTC 1.1 Surge Board SKU: R91-1305 MSRP for Exchange: \$179.00





Network LTC 1.1 Sp. Comm SKU: R91-1307 MSRP for Exchange: \$96.00

Network LTC Modem Board Repair & Return Only SKU: R91-0777 MSRP for Exchange: \$420.00

## **Network LTC 2.0**



Network LTC 2.0 Timing Mechanism SKU: R89-7169 MSRP for Exchange: \$393.00



Network LTC 2.0 Back Plane SKU: R89-6977 MSRP for Exchange: \$203.00



Network LTC 2.0 Output Module SKU: R89-7170 MSRP for Exchange: \$104.00



Network LTC 2.0 Pump Common Module SKU: R89-7171 MSRP for Exchange: \$99.00



#### Network LTC<sup>™</sup> 4.0



Network LTC 4.0/Plus Power Transformer Board SKU: R102-0382 MSRP for Exchange: \$274.00



Network LTC 4.0/Plus 8-Output Module SKU: R102-0681 MSRP for Exchange: \$156.00



Network LTC 4.0/Plus Pump & Common Module SKU: R102-0682 MSRP for Exchange: \$120.00



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Network LTC 4.0/Plus Pump & Common Module SKU: R102-8082 MSRP for Exchange: \$120.00



**Network LTC 4.0/Plus Distribution Board** SKU: R102-0612 MSRP for Exchange: \$172.00



Network LTC 4.0/Plus Distribution Board SKU: R102-8078 (Same as R102-0612) MSRP for Exchange: \$172.00



Network VP°/LTC 4.0 Radio Adapter Board SKU: R102-3125 MSRP for Exchange: \$153.00



## Network LTC<sup>™</sup> 4.0



LEAD

FREE

Network LTC 3.0/4.0 Surge Board (Surge & Switch) SKU: R102-8080 MSRP for Exchange: \$207.00



Network LTC 3.0/4.0 Surge Board (Surge & Switch) SKU: R89-8521 MSRP for Exchange: \$207.00







Network LTC 3.0/4.0 Pump & Common Surge SKU: R89-8589 MSRP for Exchange: \$120.00



Network LTC 3.0/4.0 Pump & Common Surge SKU: R118-1524 (Same as R102-8086) MSRP for Exchange: \$120.00



Network LTC 4.0/Plus Timing Mechanism R102-0238

MSRP for Exchange: **\$374.00** 



## Network LTC<sup>™</sup> 4.0

LEAD FREE



Network VP\*/LTC 4.0 Radio Adapter Board SKU: R102-8277 (Same as R102-3125) MSRP for Exchange: \$153.00



Network LTC 4.0/Plus Maxon Data Radio SKU: R363-4638 MSRP for Exchange: \$328.00



Network LTC 4.0/Plus Output Module SKU: R102-8084 MSRP for Exchange: \$159.00



LTC Plus Satellite Upgrade Kits are designed to make upgrading to the most advanced irrigation management tool available, Lynx<sup>\*</sup> Central Control, accessible and attainable.

Upgrading your course will enable you to take advantage of enhanced programming options, advanced manual features and a more productive user interface experience.





#### Network LTC<sup>™</sup> Pro



Network LTC Pro VP-LTCP Timing Mechanism SKU: R118-4837 MSRP for Exchange: \$447.00



Network LTC Pro Verticle Power Distribution Board SKU: R118-2737 MSRP for Exchange: \$241.00

## **TDC 2-Wire System**



TDC 2-Wire Decoder Timing Mechanism Assembly SKU: R118-3106 MSRP for Exchange: \$1,065.00



TDC 2-Wire Decoder Mother Board, DC SKU: R118-0582 (Works w/ R118-0584 DB) MSRP for Exchange: \$380.00



TDC 2-Wire Decoder Daughter Board, DC SKU: R118-0584 (Works w/ R118-0582 MB) MSRP for Exchange: **\$196.00** 

**VT 4** 



VT 4 Timing Mechanism SKU: R35-6220 MSRP for Exchange: \$511.00



## Network 8000



Network 8000 Timing Mechanism SKU: R91-1280 MSRP for Exchange: \$393.00



Network 8000 Power Supply SKU: R35-6166 MSRP for Exchange: \$226.00

Network 8000 Surge Board SKU: R35-7899 MSRP for Exchange: \$168.00







Network 8000 Triac Board SKU: R89-8100 MSRP for Exchange: \$101.00

Network 8000 Power Supply Repair & Return Only SKU: R35-6326 MSRP for Exchange: \$112.00

Network 8000 Valve Board Repair & Return Only SKU: R35-8502 MSRP for Exchange: \$164.00



## Network LTC<sup>™</sup> & Network 8000 Modems



Network 8000 Modem Board SKU: R35-8646 MSRP for Exchange: \$197.00



LTC 2.0 Standard Modem SKU: R89-7519 MSRP for Exchange: \$199.00



Network LTC 4.0/Network LTC Pro Standard Modem SKU: R102-0104 (Works w/Network VP<sup>®</sup>) MSRP for Exchange: **\$199.00** 



Network LTC 4.0/Network LTC Pro Standard Modem SKU: R102-8568 (Works w/Network VP) MSRP for Exchange: \$199.00



Universal Modem - New Version SKU: R102-0106 (Works w/Network VP\*) MSRP for Exchange: **\$214.00** 





LEAD

FREE

Network LTC 4.0/Network LTC Pro Standard Modem SKU: R118-6161 (Works w/Network VP) MSRP for Exchange: \$199.00



Universal Modem - New Version SKU: R102-8570 (Works w/Network VP) MSRP for Exchange: \$214.00



## Toro<sup>®</sup> Irrigation – Limited Warranty

#### **General Conditions**

Our liability is limited solely to the replacement or repair of defective parts for two-years. There are no other expressed warranties.

TORO<sup>®</sup> IS NOT LIABLE FOR INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH THE USE OF PRODUCT, INCLUDING BUT NOT LIMITED TO: VEGETATION LOSS, THE COST OF SUBSTITUTE PRODUCT OR SERVICES REQUIRED DURING PERIODS OF MALFUNCTION OR RESULTING NON-USE, OR PROPERTY DAMAGE OR PERSONAL INJURY RESULTING FROM INSTALLER'S NEGLIGENCE. ALL IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR USE, ARE LIMITED TO THE DURATION OF THIS EXPRESS WARRANTY.

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

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

For additional assistance, please call: 877-345-TORO (8676)





## **Irrigation Resources**

#### • Toro<sup>®</sup> Irrigation

Phone: (877) 345-TORO (8676) Fax: (800) 862-TORO (8676) Website: toro.com/irrigation email: Email: CRC@toro.com • Technical Support For technical questions on any Toro Irrigation product

Phone: (877) 345-TORO (8676) Fax: (951) 785-3511 email: customer.support@toro.com

#### Customer Resource Center

At your service to provide literature, promotional and product information, branch support, as well as answer any questions regarding doing business.

Phone: (877) 345-TORO (8676) Fax: (800) 862-TORO (8676) email: crc@toro.com

#### Order Services

To place orders or inquire about order status, returns and product availability.

Phone: (800) 654-1881 Fax: (800) 451-13390 email: irrigation.order.services@toro.com

#### • Genuine Toro Irrigation Parts, Services, & Exchanges

Provides cost-effective repair or replacement of controller components.

Phone: (877) 345-TORO (8676) Fax: (951) 785-3635 Website: toro.com/irrigation email: controllerrepair@toro.com

#### Toro NSN°

Provides technical support for Lynx<sup>\*</sup> Central Control, SitePro<sup>®</sup> Central Control, and Turf Guard<sup>\*</sup> Wireless Soil Monitoring Systems

Technical Support: 800-ASK-TORO (275-8676) Sales/Renewals: 888-NSN-TORO (676-8676), press 1 Fax: 325-673-8765 Email: NSNTech@toro.com Website: toro.com/nsn



# Always solving. Always evolving.

## #1 in Golf Irrigation & Equipment\*



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www.toro.com

5825 Jasmine Street Riverside, CA 92504-1183 Phone: 877-345-8676 Fax: 800-862-8676

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Products depicted in this brochure are for demonstration purposes only. Actual products offered for sale may vary in design and features.

P/N: DigVer.1A-24